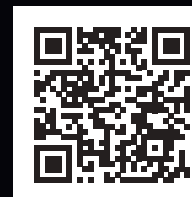


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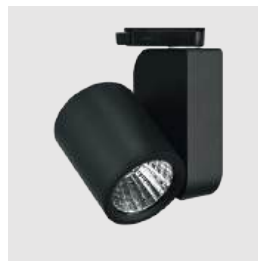
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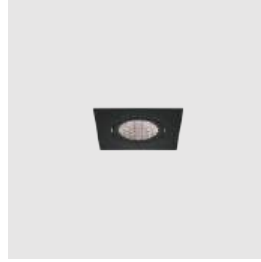


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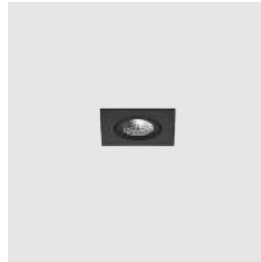
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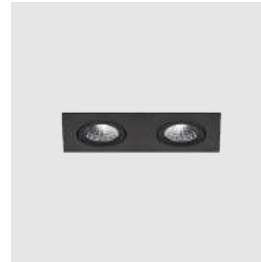
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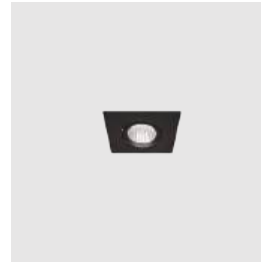
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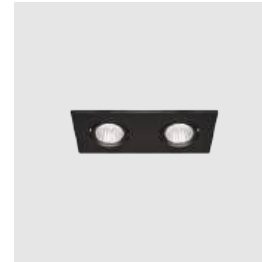
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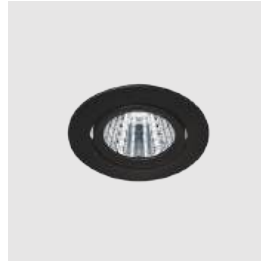
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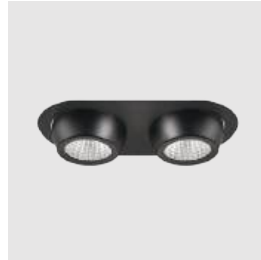
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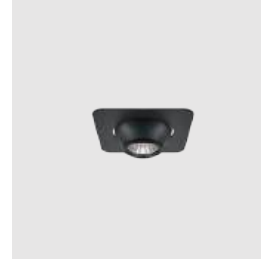
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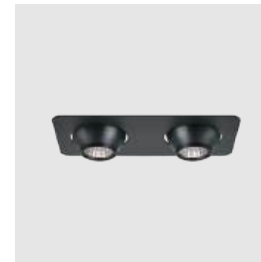
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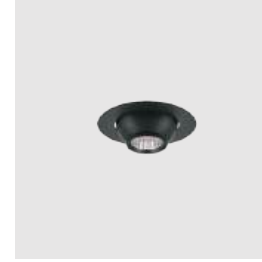
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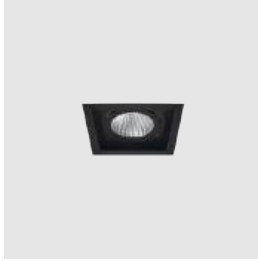
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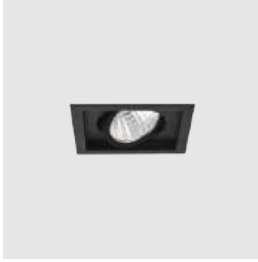
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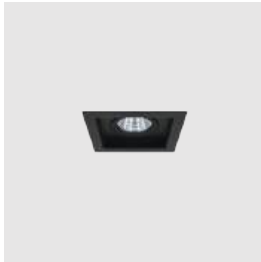
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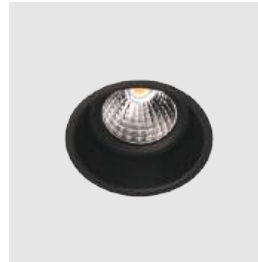
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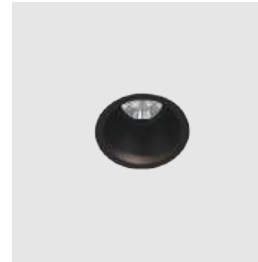
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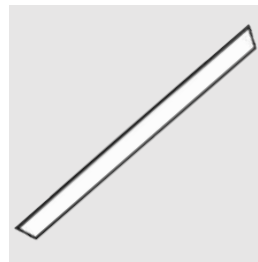
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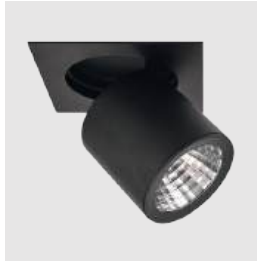
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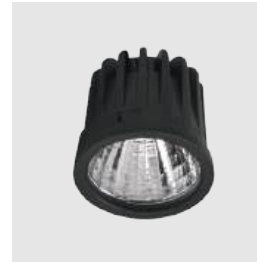
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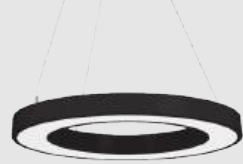
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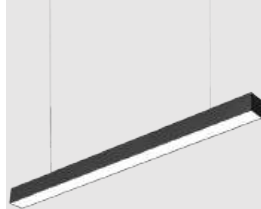
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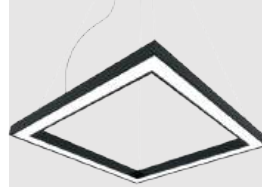
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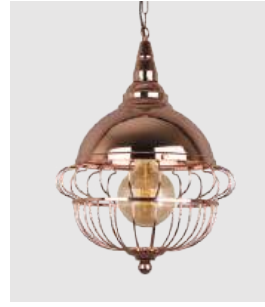
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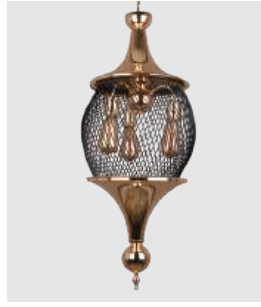
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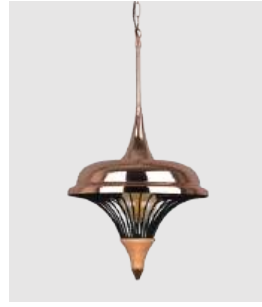
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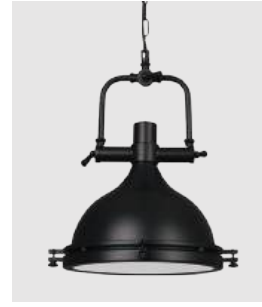
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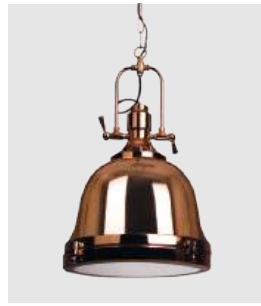
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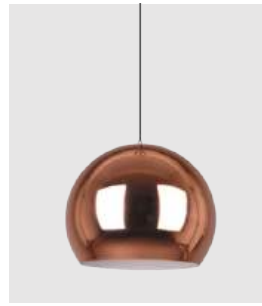
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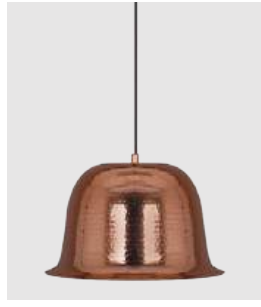
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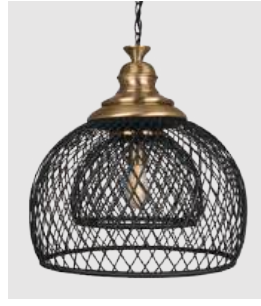
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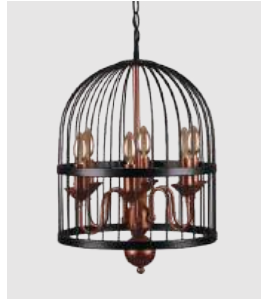
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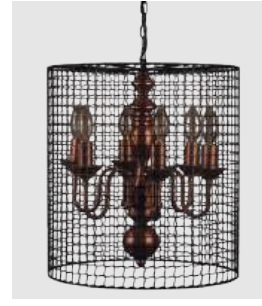
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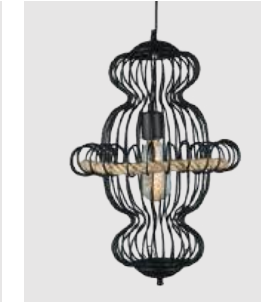
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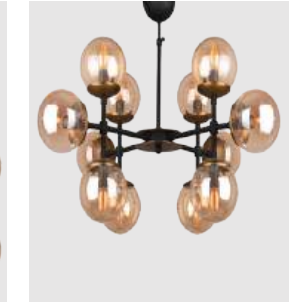
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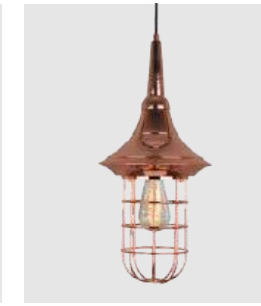
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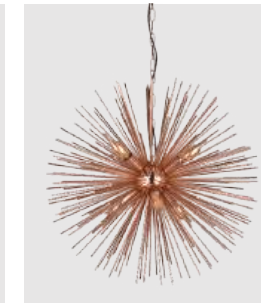
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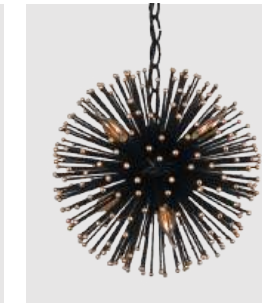
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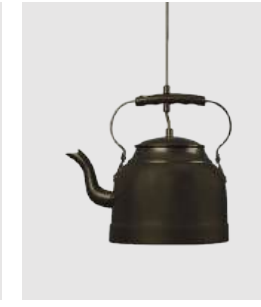
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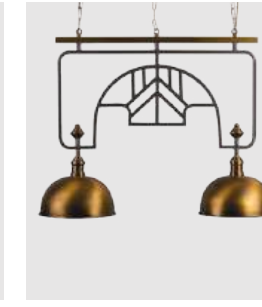
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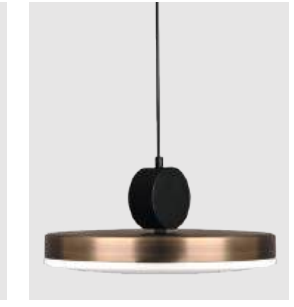
MS 265
Sayfa | Page
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MS 262
Sayfa | Page
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MS 267
Sayfa | Page
336



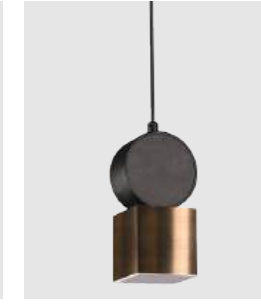
MS 269-1
Sayfa | Page
337



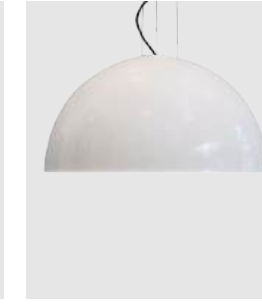
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Sayfa | Page
337



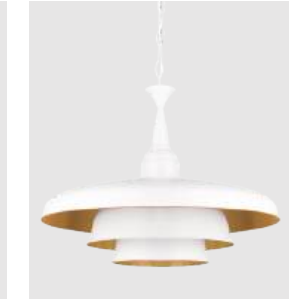
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Sayfa | Page
338



MS 269-4
Sayfa | Page
338



MS 283-3
Sayfa | Page
339



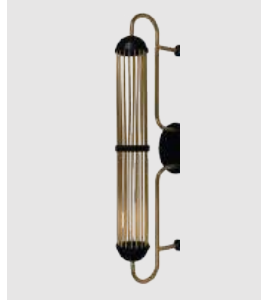
MS 284
Sayfa | Page
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ME 150
Sayfa | Page
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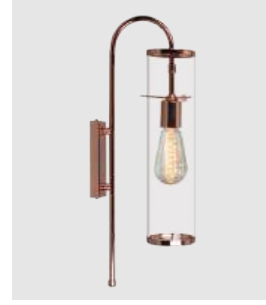
ME 151
Sayfa | Page
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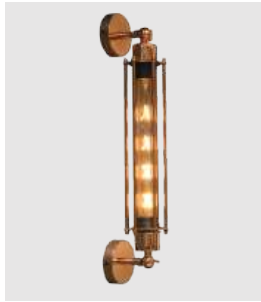
ME 152
Sayfa | Page
343



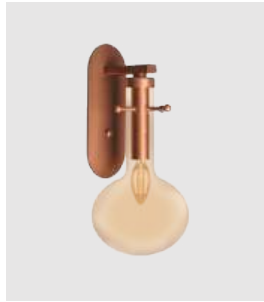
ME 153
Sayfa | Page
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ME 154
Sayfa | Page
344



ME 155
Sayfa | Page
344



ME 157
Sayfa | Page
345



ME 160
Sayfa | Page
345



ME 163
Sayfa | Page
346



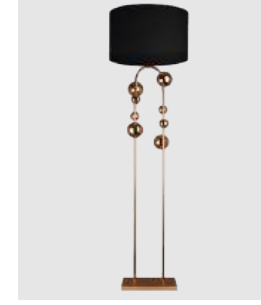
ME 171
Sayfa | Page
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ME 176
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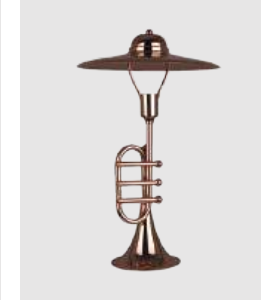
ME 177
Sayfa | Page
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ME 180
Sayfa | Page
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ME 179
Sayfa | Page
350



ME 187
Sayfa | Page
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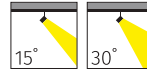
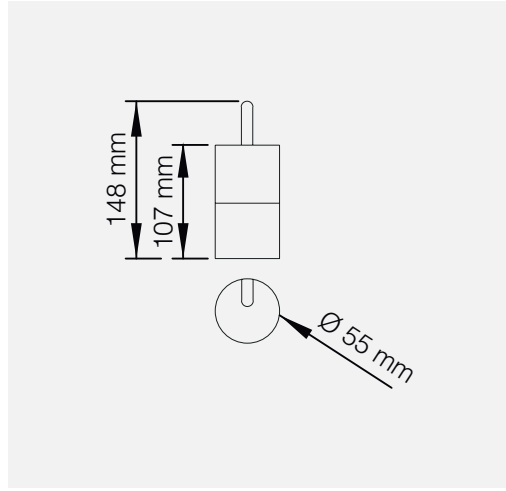


ME 199
Sayfa | Page
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magnet
RAY
magnet track spot
SPOT





MRM 100

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Metal gövde Metal body
Reflektör Derecesi Reflector Degree	: 15 ° - 30 °
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 3000 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Manyetik Ray Spot Magnetic Track Spot

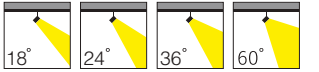
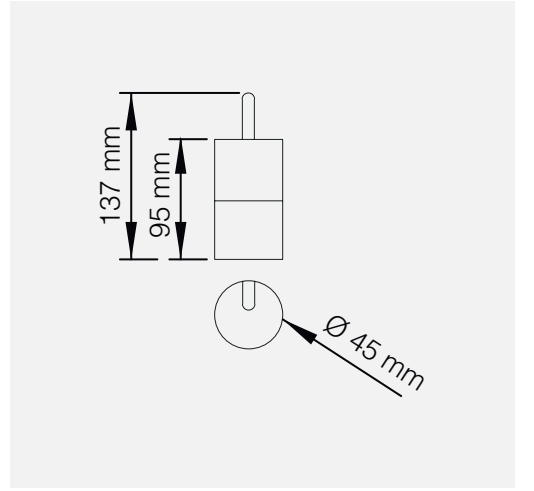
Model	Gerilim Voltage	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MRM 100	48 V DC	8 W	587 lm	80



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MRM 101

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Metal gövde Metal body
Optik Lens Derecesi Optic Lens Degree	: 18 ° - 24 ° - 36 ° - 60 °
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 3000 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Manyetik Ray Spot Magnetic Track Spot

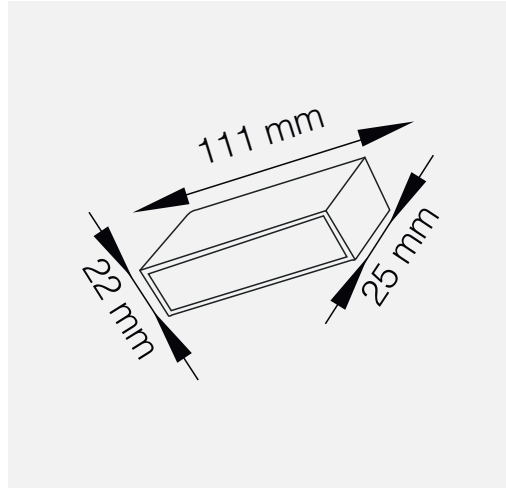
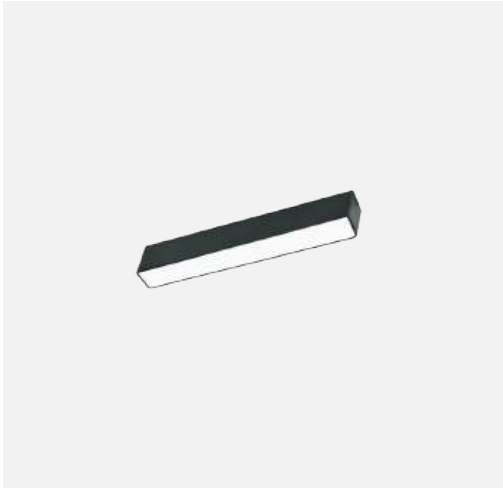
Model	Gerilim Voltage	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MRM 101	48 V DC	3,4 W	326 lm	80



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MRM 102

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Metal gövde Metal body
Reflektör Tipi Reflector Type	: LED difüzör pleksi LED diffuser plexi
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 3000 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Manyetik Ray Spot Magnetic Track Spot

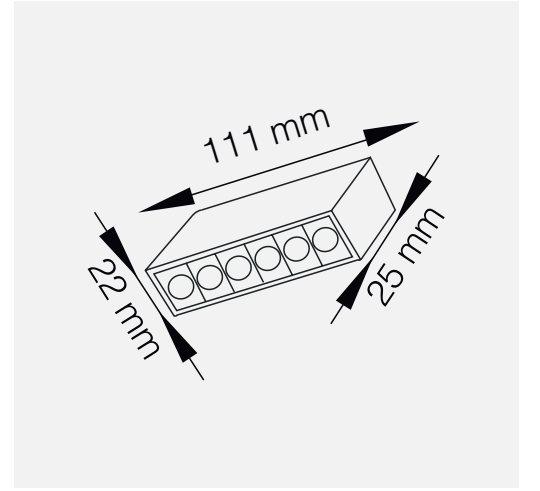
Model	Gerilim Voltage	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MRM 102	48 V DC	6 x 1 W	800 lm	80



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MRM 103

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Metal gövde Metal body
Reflektör Derecesi Reflector Degree	: 34 °
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 3000 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Manyetik Ray Spot Magnetic Track Spot

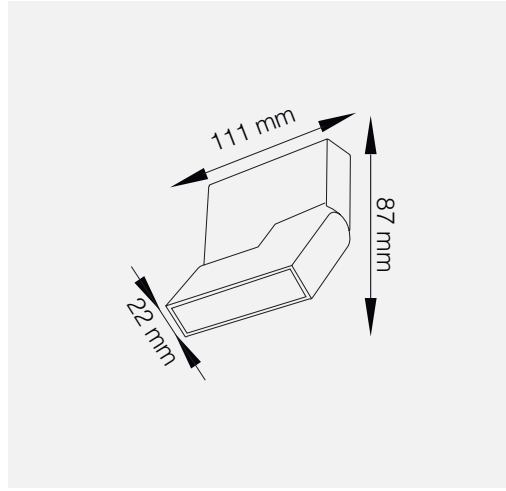
Model	Gerilim Voltage	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MRM 103	48 V DC	6 x 1 W	800 lm	80



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MRM 104

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Metal gövde Metal body
Reflektör Tipi Reflector Type	: LED difüzör pleksi LED diffuser plexi
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 3000 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Manyetik Ray Spot Magnetic Track Spot

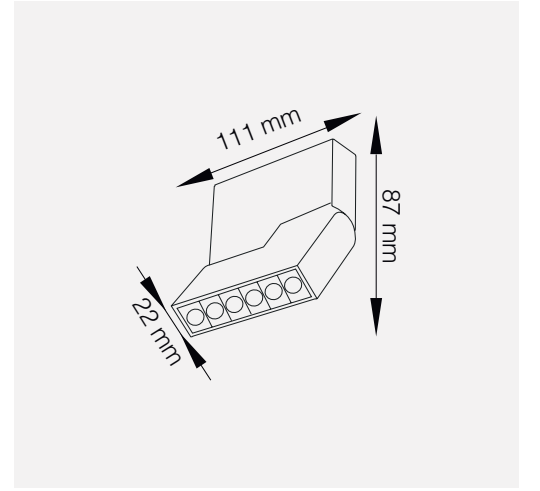
Model	Gerilim Voltage	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MRM 104	48 V DC	6 x 1 W	800 lm	80



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MRM 105

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Metal gövde Metal body
Reflektör Derecesi Reflector Degree	: 34 °
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 3000 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Manyetik Ray Spot Magnetic Track Spot

Model	Gerilim Voltage	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MRM 105	48 V DC	6 x 1 W	800 lm	80



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO

RAY *track spot* SPOT

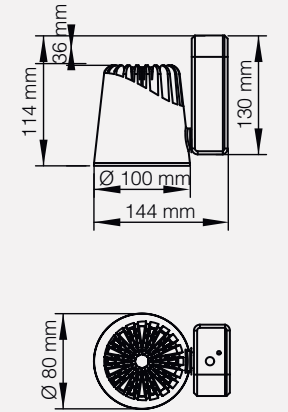
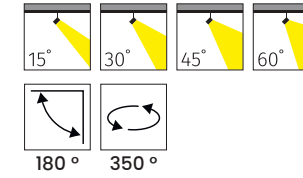




LUCA SERİSİ | SERIES

DEKORATİF RAY SPOT | DECORATIVE TRACK SPOT

MAKROLIGHT
LIGHTING STUDIO



MR 1001

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile soket veya rozanslı Socket or canopy Applied with electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 990 - 1000 gr

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MR 1001	220 V	50 Hz.	20 W	1774 lm	89,2	80
MR 1001	220 V	50 Hz.	30 W	2938 lm	93,0	90



Seçeneğiyle | with Options



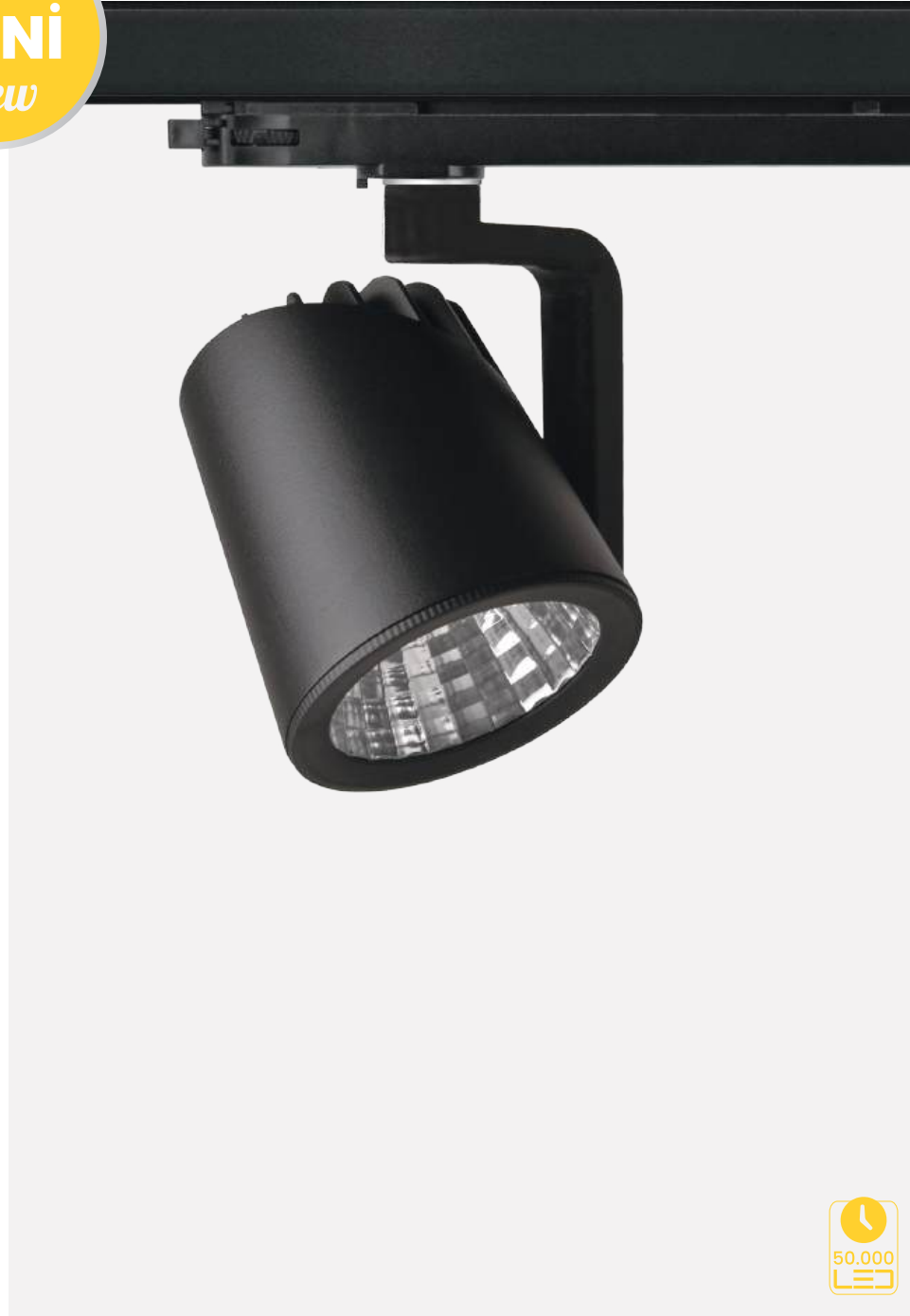
Made in
Türkiye

Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO

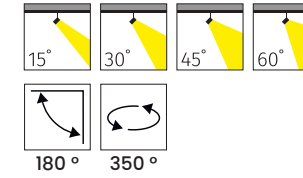
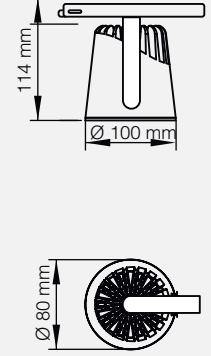
YENİ
New



LUCA SERİSİ | SERIES

DEKORATİF RAY SPOT | DECORATIVE TRACK SPOT

MAKROLIGHT
LIGHTING STUDIO



MR 1002

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile soket veya rozanslı Socket or canopy Aplied with electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 910 - 920 gr

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MR 1002	220 V	50 Hz.	20 W	1774 lm	89,2	80
MR 1002	220 V	50 Hz.	30 W	2938 lm	93,0	90



Seçeneğiyle | with Options



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Türkiye

Renkler | Colors



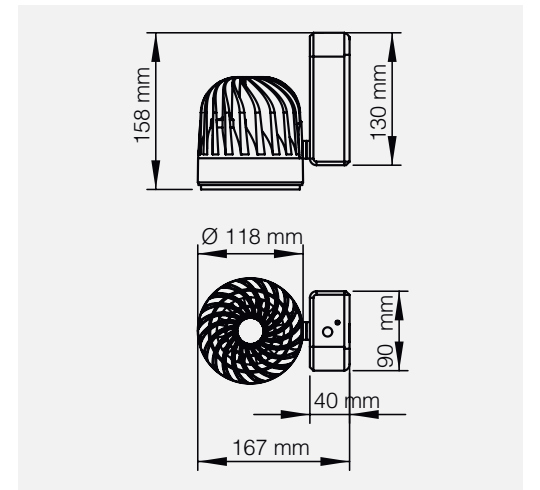
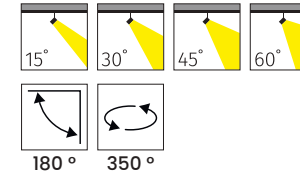
MAKROLIGHT
LIGHTING STUDIO



RENARDO SERİSİ | SERIES

DEKORATİF RAY SPOT | DECORATIVE TRACK SPOT

MAKROLIGHT
LIGHTING STUDIO



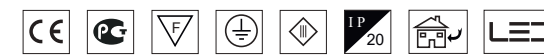
MR 601-118

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile soket veya rozanslı Socket or canopy Applied with electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1280 - 1290 gr

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MR 601-118	220 V	50 Hz.	30 W	2938 lm	93,0	80
MR 601-118	220 V	50 Hz.	35 W	3256 lm	89,0	90



Seçeneğiyle | with Options



Made in
Türkiye

Renkler | Colors



Siyah | Black



Beyaz | White



Diğer Renkler | Other Colors

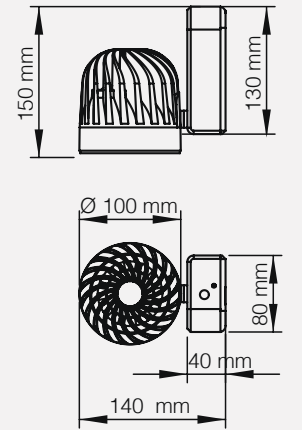
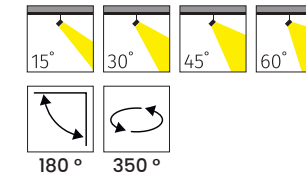
MAKROLIGHT
LIGHTING STUDIO



RENARDO SERİSİ | SERIES

DEKORATİF RAY SPOT | DECORATIVE TRACK SPOT

MAKROLIGHT
LIGHTING STUDIO



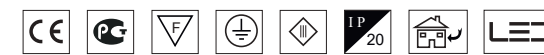
MR 601-100

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile soket veya rozanslı Socket or canopy Applied with electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 990 - 1000 gr

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MR 601-100	220 V	50 Hz.	20 W	1774 lm	89,2	80
MR 601-100	220 V	50 Hz.	30 W	2938 lm	93,0	90



Seçeneğiyle | with Options



Made in
Türkiye

Renkler | Colors



Siyah | Black

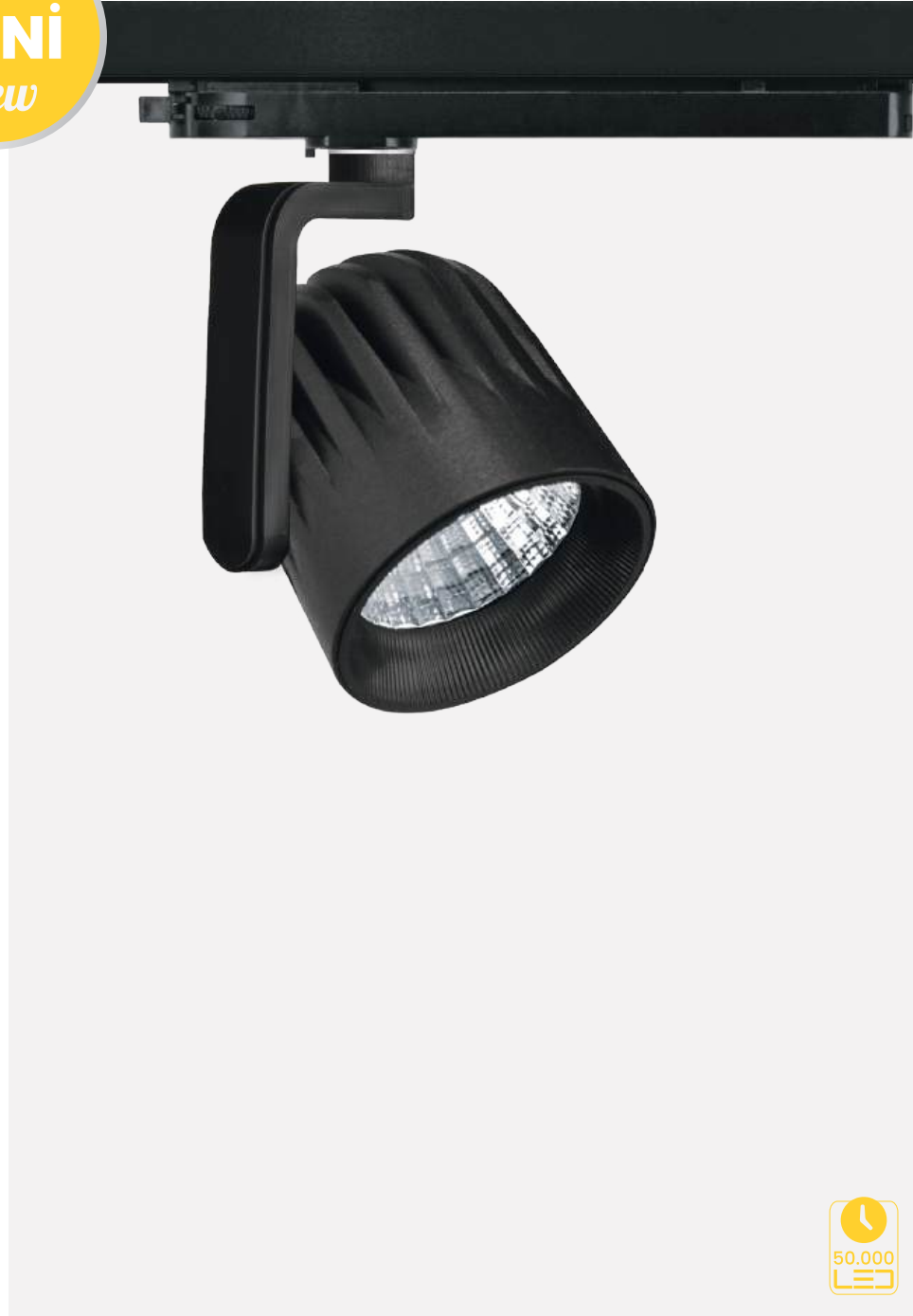


Beyaz | White



Diğer Renkler | Other Colors

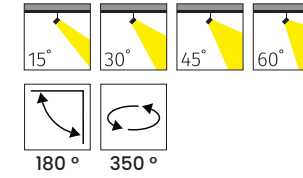
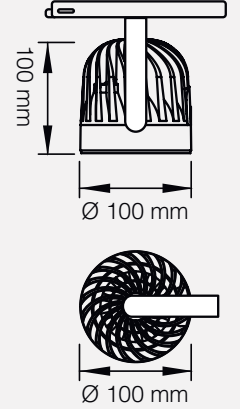
MAKROLIGHT
LIGHTING STUDIO



RENARDO SERİSİ | SERIES

DEKORATİF RAY SPOT | DECORATIVE TRACK SPOT

MAKROLIGHT
LIGHTING STUDIO



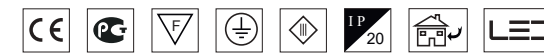
MR 602

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile soket veya rozanslı Socket or canopy Aplied with electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Korumu Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1045 - 1055 gr

Model	Sürücü Akımı Driver Current	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MR 602	500 mA	220 V	50 Hz.	20 W	1774 lm	89,2	80 90
MR 602	800 mA	220 V	50 Hz.	30 W	2938 lm	93,0	80 90



Seçeneğiyle | with Options



Made in
Türkiye

Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO

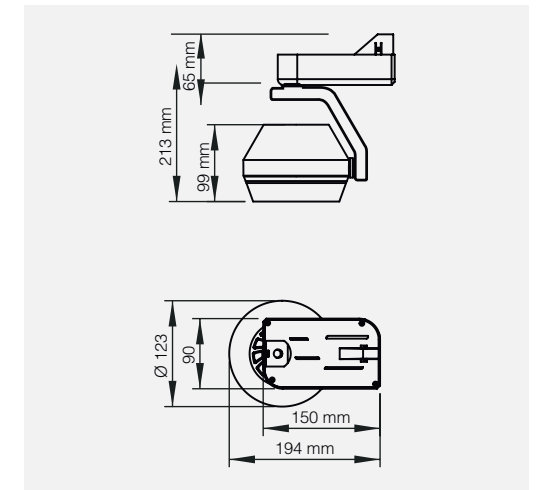
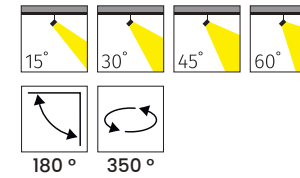




SATURN SERİSİ | SERIES

DEKORATİF RAY SPOT | DECORATIVE TRACK SPOT

MAKROLIGHT
LIGHTING STUDIO



MR 501

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile soket veya rozanslı Socket or canopy Applied with electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 990 - 1000 gr

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MR 501	220 V	50 Hz.	20 W	1774 lm	89,2	80
MR 501	220 V	50 Hz.	30 W	2938 lm	93,0	90



Seçeneğiyle | with Options



Made in
Türkiye

Renkler | Colors



Siyah | Black

Beyaz | White

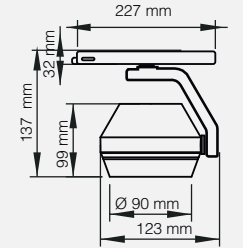
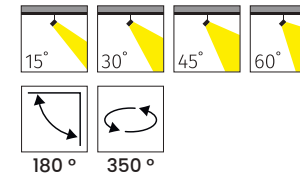
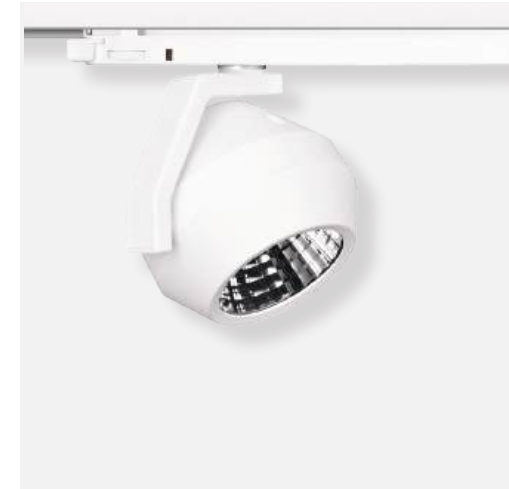
Diğer Renkler | Other Colors

MAKROLIGHT
LIGHTING STUDIO



SATURN SERİSİ | SERIES

DEKORATİF RAY SPOT | DECORATIVE TRACK SPOT



MR 502

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile soket veya rozanslı Socket or canopy Aplied with electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 820 - 830 gr

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MR 502	220 V	50 Hz.	20 W	1774 lm	89,2	80
MR 502	220 V	50 Hz.	30 W	2938 lm	93,0	90



Seçeneğiyle | with Options



Made in
Türkiye

Renkler | Colors



Siyah | Black



Beyaz | White



Diğer Renkler | Other Colors

SATURN

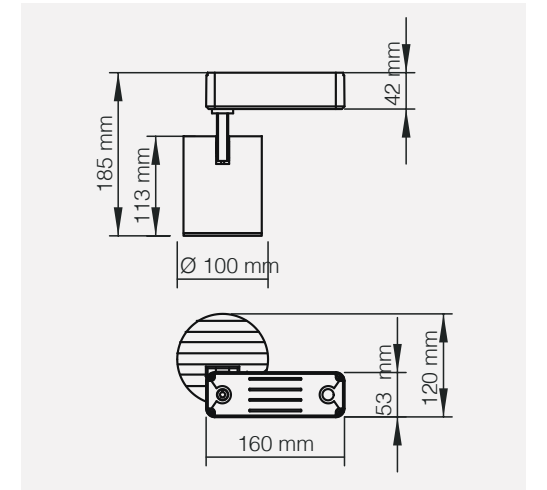
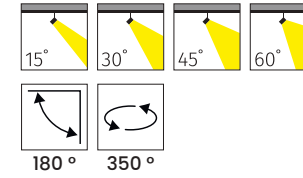




LUCIANO SERİSİ | SERIES

DEKORATİF RAY SPOT | DECORATIVE TRACK SPOT

MAKROLIGHT
LIGHTING STUDIO



MR 701-100

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile soket veya rozanslı Socket or canopy Applied with electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1000 - 1010 gr

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MR 701-100	220 V	50 Hz.	20 W	1774 lm	89,2	80
MR 701-100	220 V	50 Hz.	30 W	2938 lm	93,0	90



Renkler | Colors



Siyah | Black

Beyaz | White

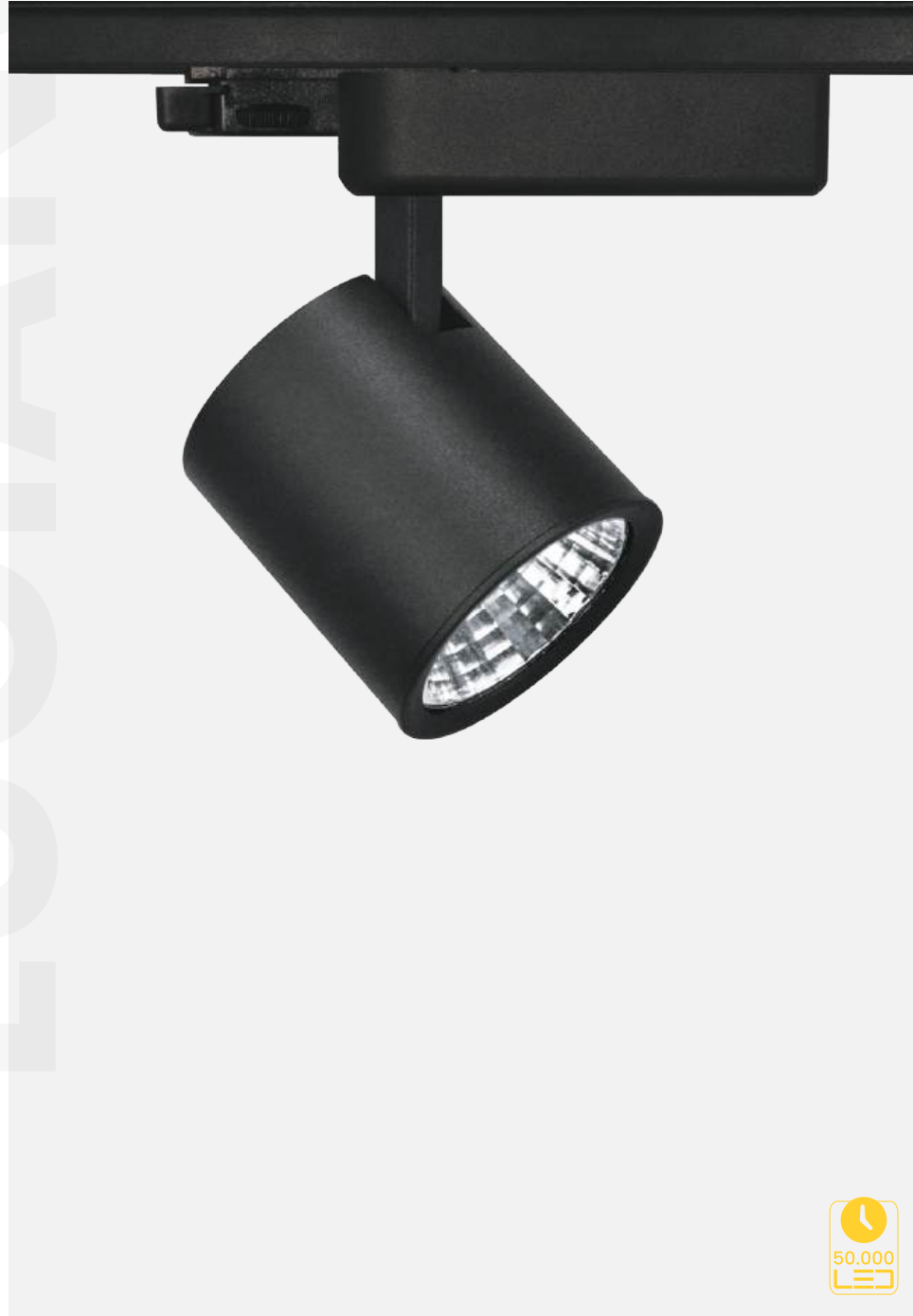
Diğer Renkler | Other Colors

Seçeneğiyle | with Options



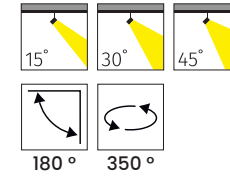
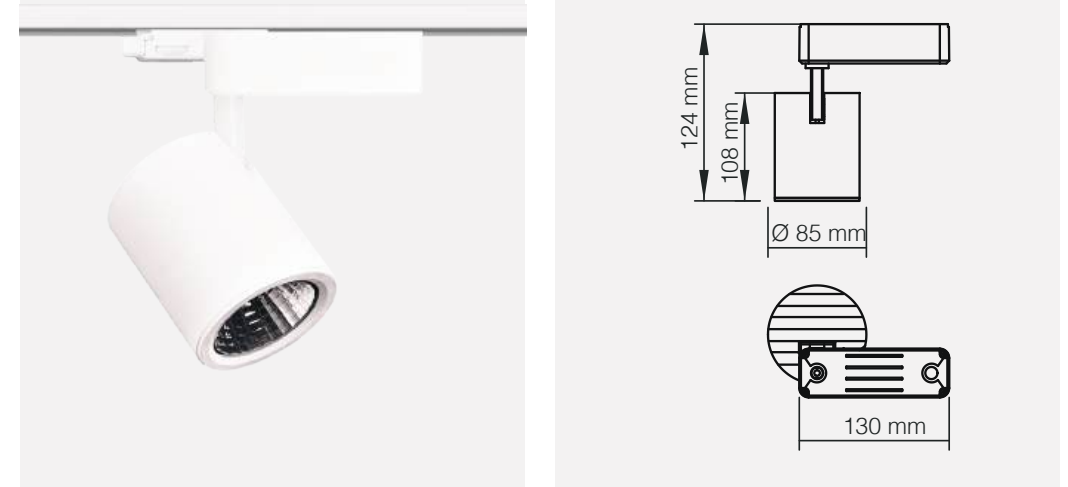
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MAKROLIGHT
LIGHTING STUDIO



LUCIANO SERİSİ | SERIES

DEKORATİF RAY SPOT | DECORATIVE TRACK SPOT



MR 701-85

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile soket veya rozanslı Socket or canopy Applied with electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 765 - 775 gr

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MR 701-85	220 V	50 Hz.	15 W	1242 lm	89,2	80 90
MR 701-85	220 V	50 Hz.	20 W	1774 lm	89,2	80 90



Renkler | Colors

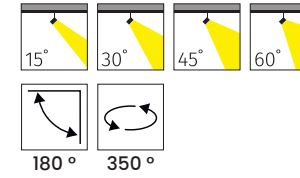
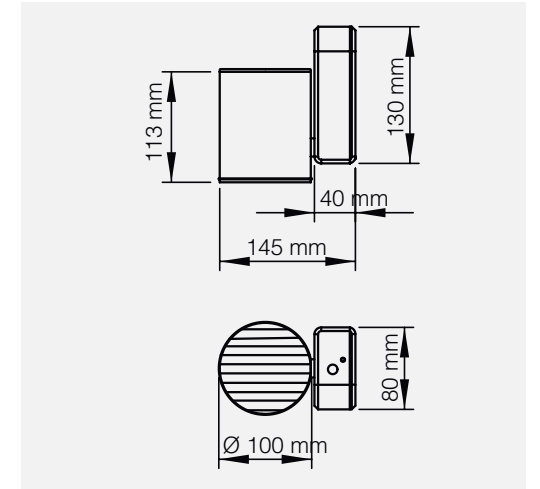
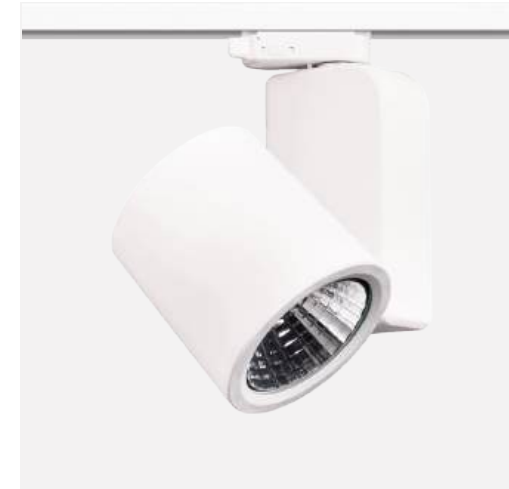




NENA SERİSİ | SERIES

DEKORATİF RAY SPOT | DECORATIVE TRACK SPOT

MAKROLIGHT
LIGHTING STUDIO



MR 801-100

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile soket veya rozanslı Socket or canopy Applied with electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1045 - 1055 gr

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MR 801-100	220 V	50 Hz.	20 W	1774 lm	89,2	80
MR 801-100	220 V	50 Hz.	30 W	2938 lm	93,0	90



Renkler | Colors



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LIGHTING STUDIO

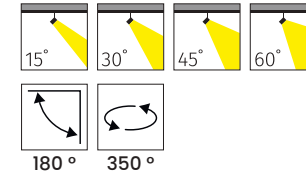
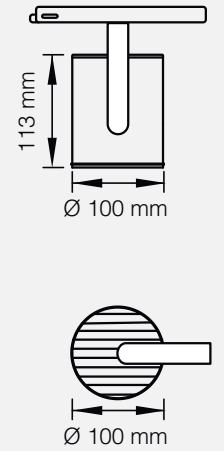
YENİ
New



NENA SERİSİ | SERIES

DEKORATİF RAY SPOT | DECORATIVE TRACK SPOT

MAKROLIGHT
LIGHTING STUDIO



MR 802-100

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile soket veya rozanslı Socket or canopy Applied with electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1045 - 1055 gr

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MR 802-100	220 V	50 Hz.	20 W	1774 lm	89,2	80
MR 802-100	220 V	50 Hz.	30 W	2938 lm	93,0	90



Renkler | Colors



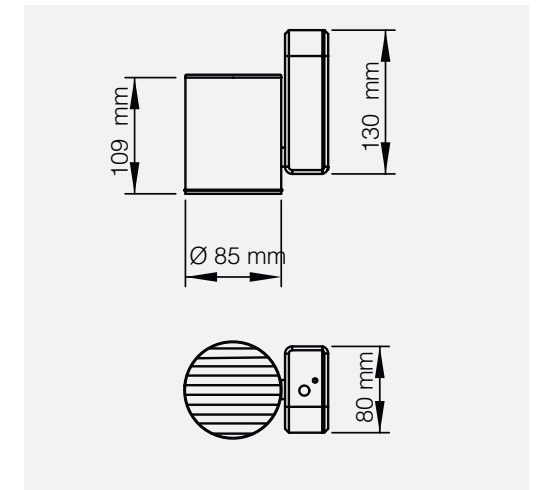
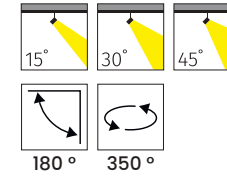
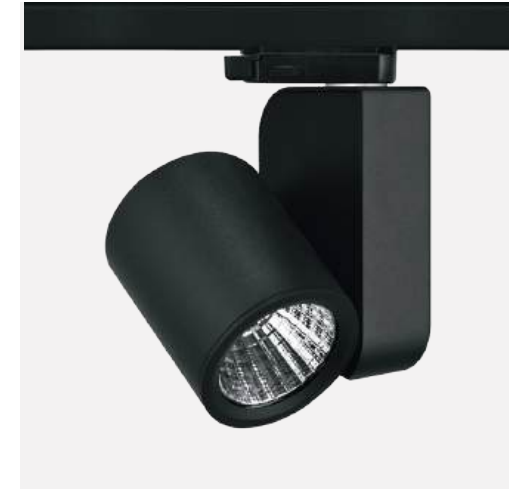
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LIGHTING STUDIO



NENA SERİSİ | SERIES

DEKORATİF RAY SPOT | DECORATIVE TRACK SPOT

MAKROLIGHT
LIGHTING STUDIO



MR 801-85

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile soket veya rozanslı Socket or canopy Applied with electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 900 - 910 gr

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MR 801-85	220 V	50 Hz.	15 W	1242 lm	89,2	80 90
MR 801-85	220 V	50 Hz.	20 W	1774 lm	89,2	80 90



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO

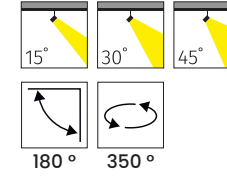
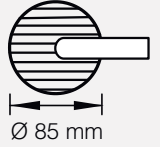
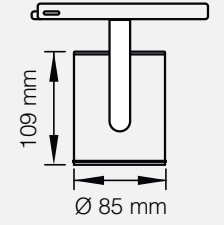
YENİ
New



NENA SERİSİ | SERIES

DEKORATİF RAY SPOT | DECORATIVE TRACK SPOT

MAKROLIGHT
LIGHTING STUDIO



MR 802-85

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile soket veya rozanslı Socket or canopy Aplied with electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 870 - 880 gr

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MR 802-85	220 V	50 Hz.	15 W	1242 lm	89,2	80 90
MR 802-85	220 V	50 Hz.	20 W	1774 lm	89,2	80 90



Seçeneğiyle | with Options



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Renkler | Colors



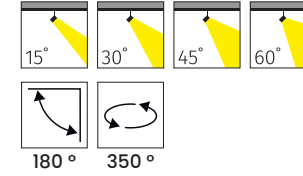
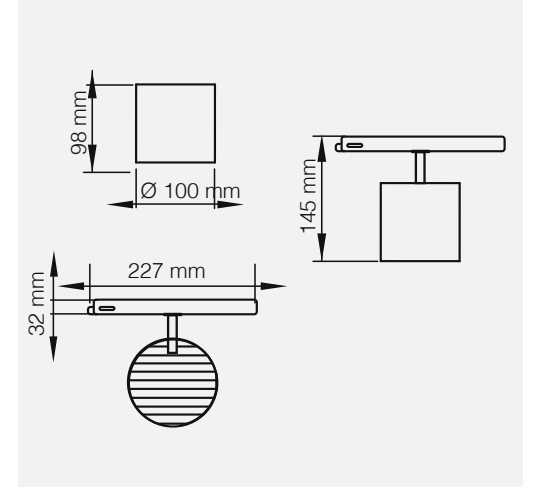
MAKROLIGHT
LIGHTING STUDIO



LIMA SERİSİ | SERIES

DEKORATİF RAY SPOT | DECORATIVE TRACK SPOT

MAKROLIGHT
LIGHTING STUDIO



MR 1010-100

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile soket veya rozanslı Socket or canopy Applied with electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 860 - 870 gr

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MR 1010-100	220 V	50 Hz.	20 W	1774 lm	89,2	80
MR 1010-100	220 V	50 Hz.	30 W	2938 lm	93,0	90



Seçeneğiyle | with Options



Made in
Türkiye

Renkler | Colors



Siyah | Black



Beyaz | White



Diğer Renkler | Other Colors

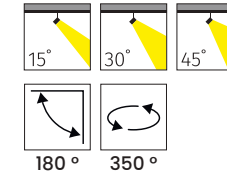
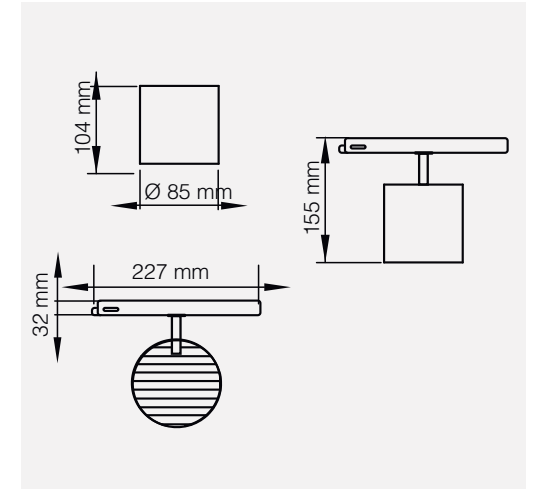
MAKROLIGHT
LIGHTING STUDIO



LIMA SERİSİ | SERIES

DEKORATİF RAY SPOT | DECORATIVE TRACK SPOT

MAKROLIGHT
LIGHTING STUDIO



MR 1010-85

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile soket veya rozanslı Socket or canopy Applied with electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 675 - 685 gr

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MR 1010-85	220 V	50 Hz.	15 W	1242 lm	89,2	80
MR 1010-85	220 V	50 Hz.	20 W	1774 lm	89,2	90



Renkler | Colors



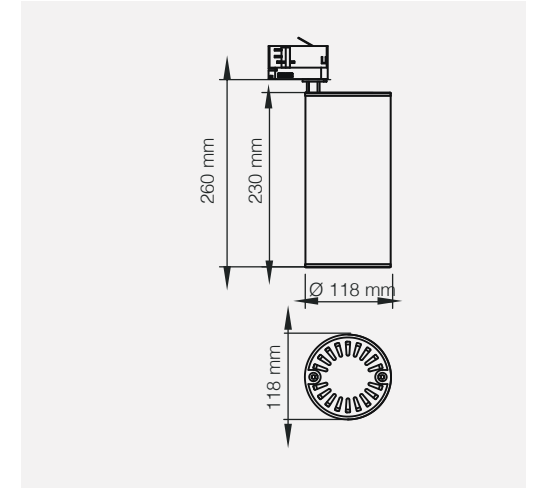
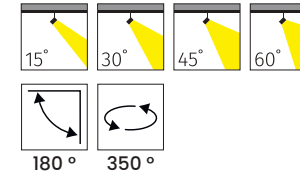
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LIGHTING STUDIO



LANZO SERİSİ | SERIES

DEKORATİF RAY SPOT | DECORATIVE TRACK SPOT

MAKROLIGHT
LIGHTING STUDIO



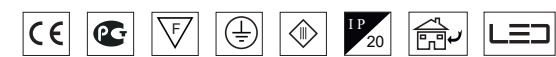
MR 1020-118

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile soket veya rozanslı Socket or canopy Applied with electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1600 - 1610 gr

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MR 1020-118	220 V	50 Hz.	30 W	2938 lm	93,0	80 90
MR 1020-118	220 V	50 Hz.	35 W	3256 lm	89,0	80 90



Seçeneğiyle | with Options



Made in
Türkiye

Renkler | Colors



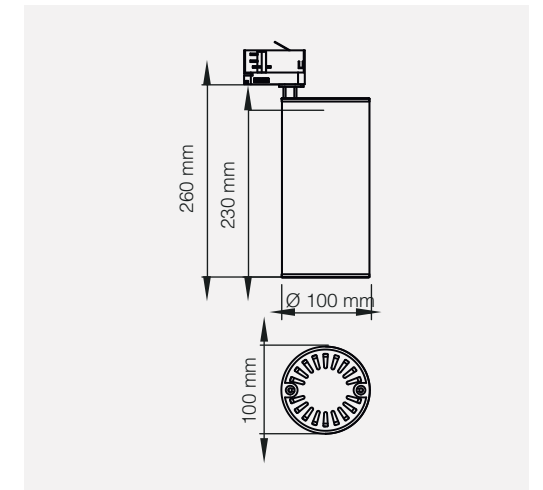
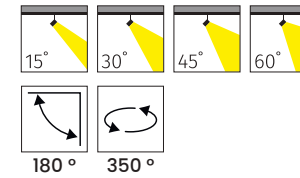
MAKROLIGHT
LIGHTING STUDIO



LANZO SERİSİ | SERIES

DEKORATİF RAY SPOT | DECORATIVE TRACK SPOT

MAKROLIGHT
LIGHTING STUDIO



MR 1020-100

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile soket veya rozanslı Socket or canopy Applied with electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1150 - 1160 gr

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MR 1020-100	220 V	50 Hz.	20 W	1774 lm	89,2	80
MR 1020-100	220 V	50 Hz.	30 W	2938 lm	93,0	90



Renkler | Colors



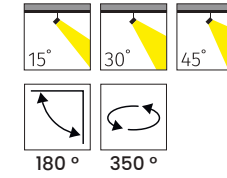
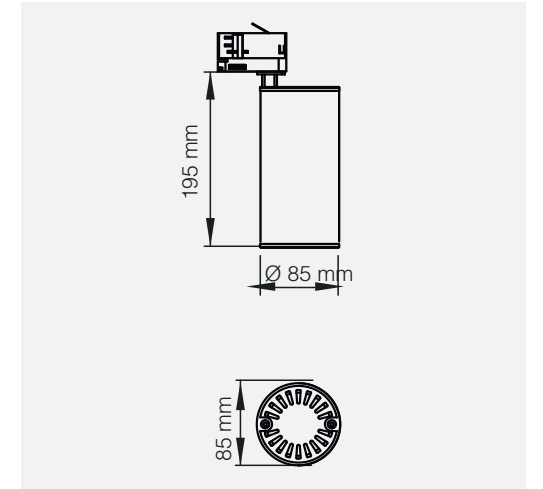
MAKROLIGHT
LIGHTING STUDIO



LANZO SERİSİ | SERIES

DEKORATİF RAY SPOT | DECORATIVE TRACK SPOT

MAKROLIGHT
LIGHTING STUDIO



MR 1020-85

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile soket veya rozanslı Socket or canopy Applied with electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1040 - 1050 gr

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MR 1020-85	220 V	50 Hz.	15 W	1242 lm	89,2	80 90
MR 1020-85	220 V	50 Hz.	20 W	1774 lm	89,2	80 90



Renkler | Colors



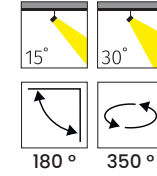
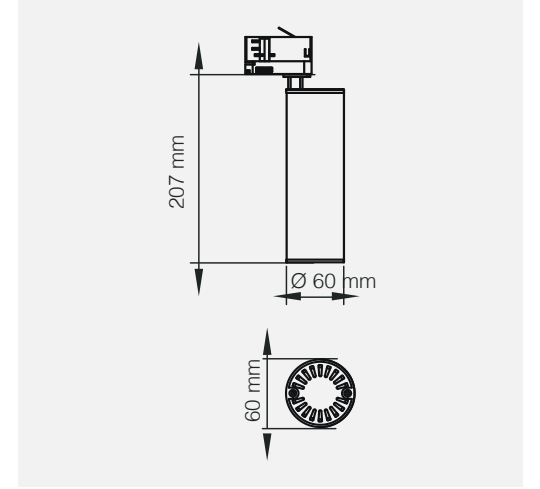
MAKROLIGHT
LIGHTING STUDIO



LANZO SERİSİ | SERIES

DEKORATİF RAY SPOT | DECORATIVE TRACK SPOT

MAKROLIGHT
LIGHTING STUDIO



MR 1020-60

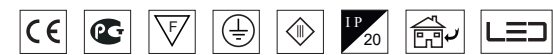
Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile soket veya rozanslı Socket or canopy Applied with electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 560 - 570 gr

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MR 1020-60	220 V	50 Hz.	8 W	587 lm	88,1	80 90
MR 1020-60	220 V	50 Hz.	10 W	654 lm	88,1	80 90

Model	Duy Lampholder	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MR 1020-60	GU 10	220 V	50 Hz.	5 W	460 lm	80 90
MR 1020-60	GU 10	220 V	50 Hz.	8 W	670 lm	80 90



Seçeneğiyle | with Options

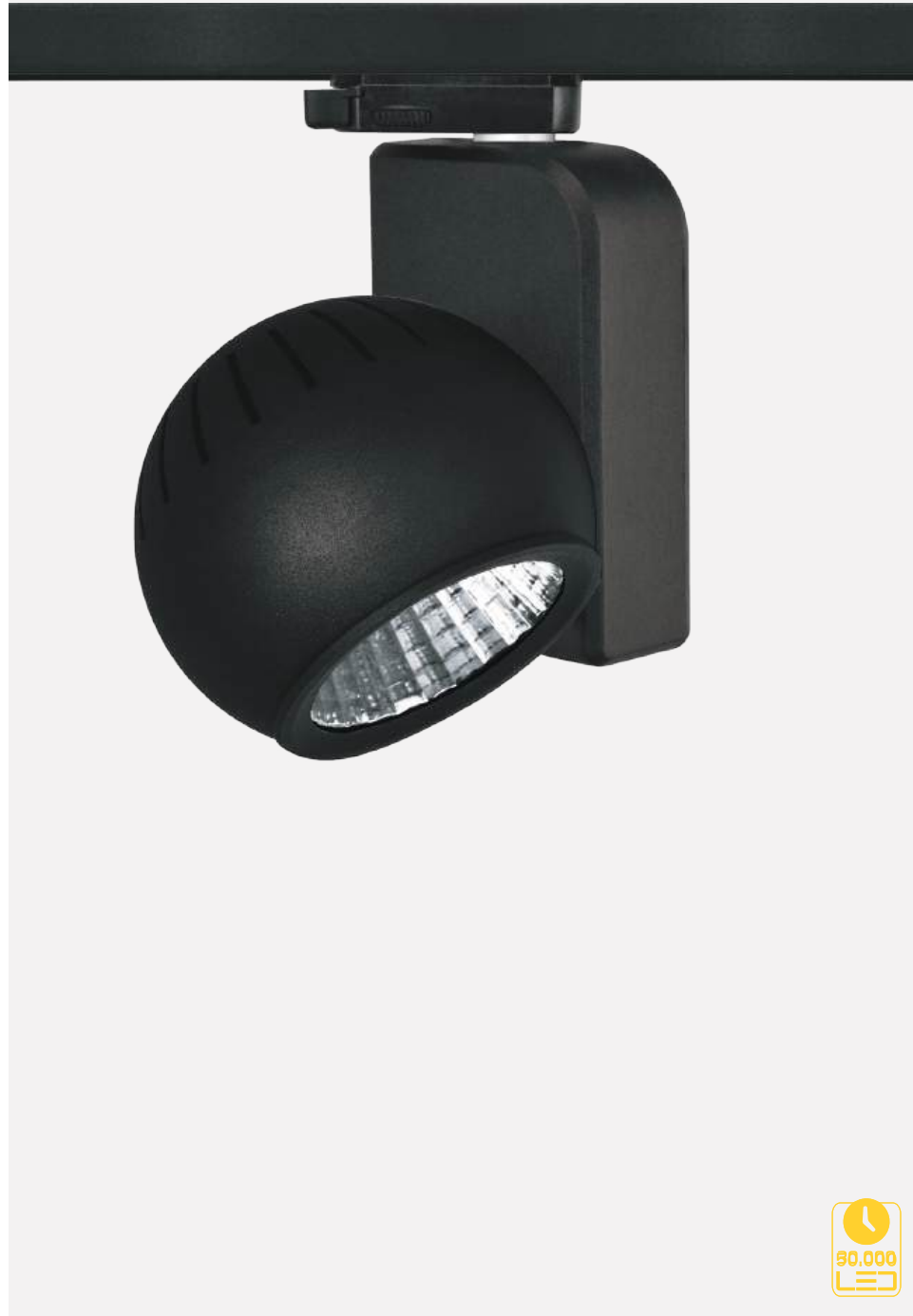


Made in
Türkiye

Renkler | Colors



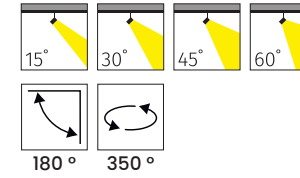
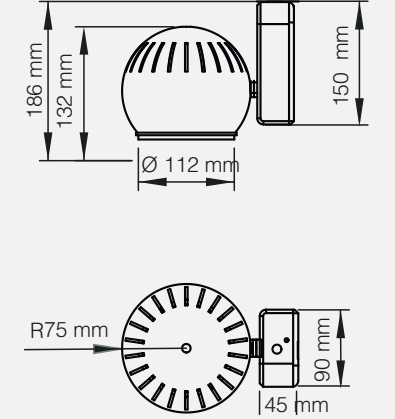
MAKROLIGHT
LIGHTING STUDIO



GOLOBO SERİSİ | SERIES

DEKORATİF RAY SPOT | DECORATIVE TRACK SPOT

MAKROLIGHT
LIGHTING STUDIO



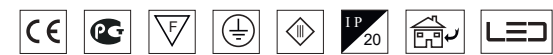
MR 301

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile soket veya rozanslı Socket or canopy Applied with electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1540 - 1550 gr

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MR 301	220 V	50 Hz.	30 W	2938 lm	93,0	80 90
MR 301	220 V	50 Hz.	35 W	3256 lm	89,0	80 90



Seçeneğiyle | with Options

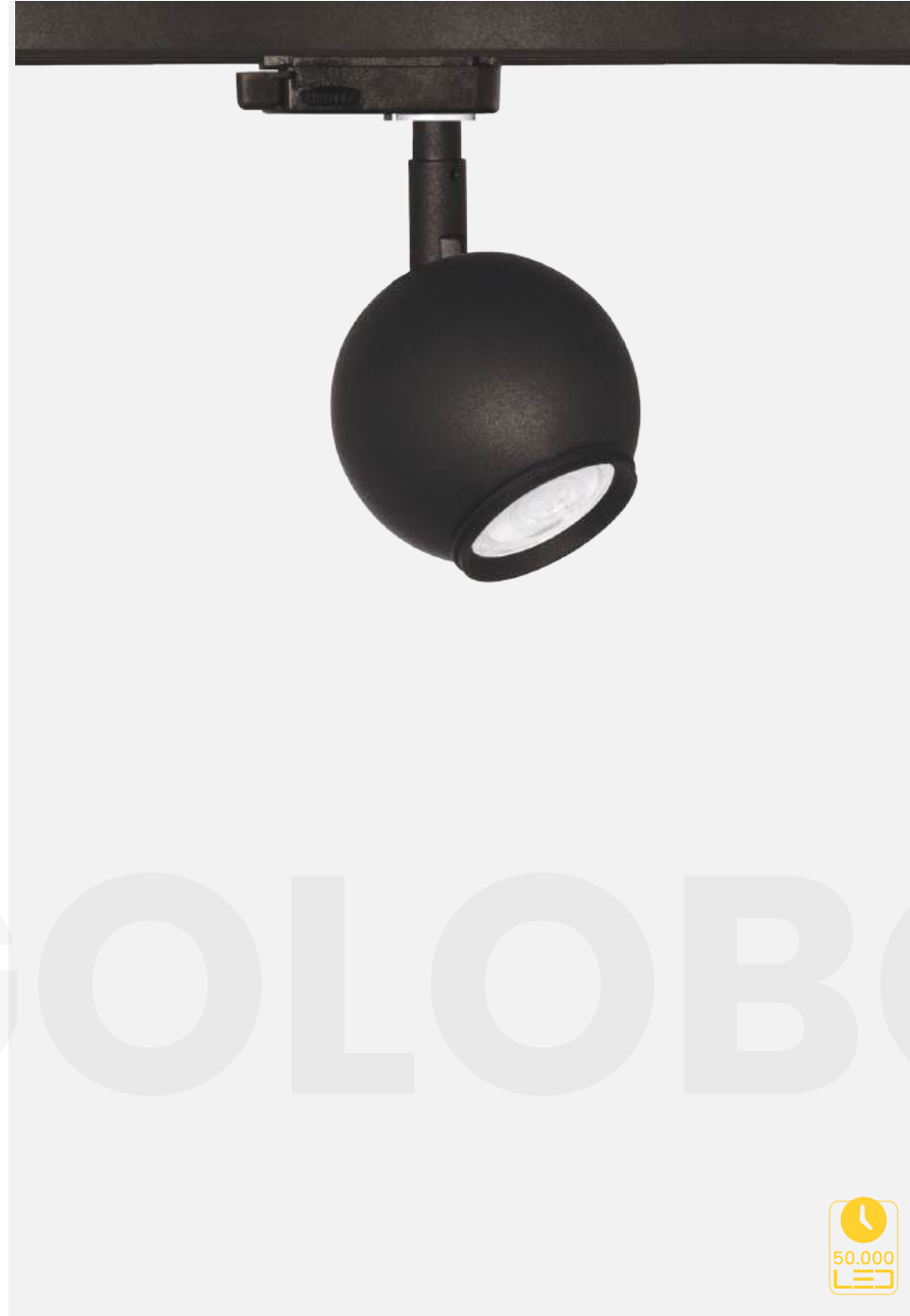


Made in
Türkiye

Renkler | Colors

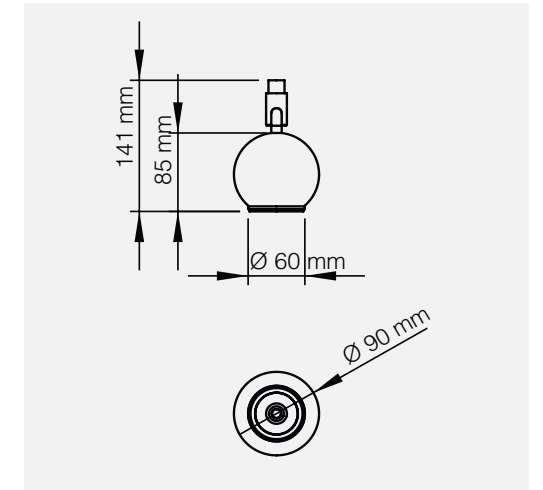
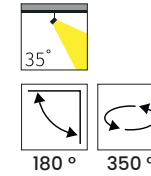


MAKROLIGHT
LIGHTING STUDIO



GOLOBO SERİSİ | SERIES

DEKORATİF RAY SPOT | DECORATIVE TRACK SPOT



MR 307

Tasarım | Design : by Makrolight

Özellikler | Properties

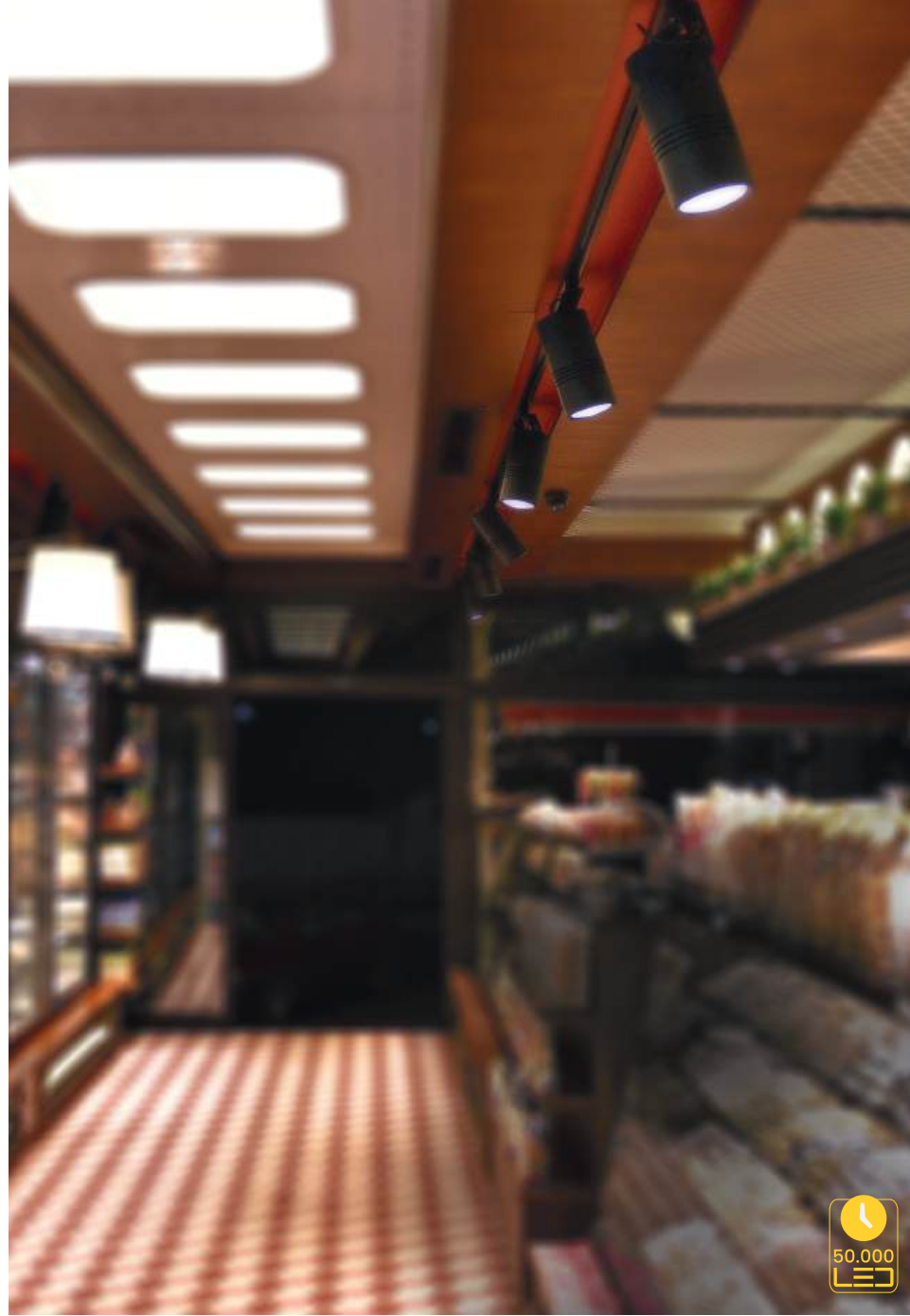
Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Soket veya rozanslı With socket or canopy
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: GU 10 Ampul GU 10 Lamp
Ürün Ağırlığı Product Weight	: 230 - 240 gr

Model	Duy Lampholder	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MR 307	GU 10	220 V	50 Hz.	5 W	460 lm	80
MR 307	GU 10	220 V	50 Hz.	8 W	670 lm	90



Renkler | Colors

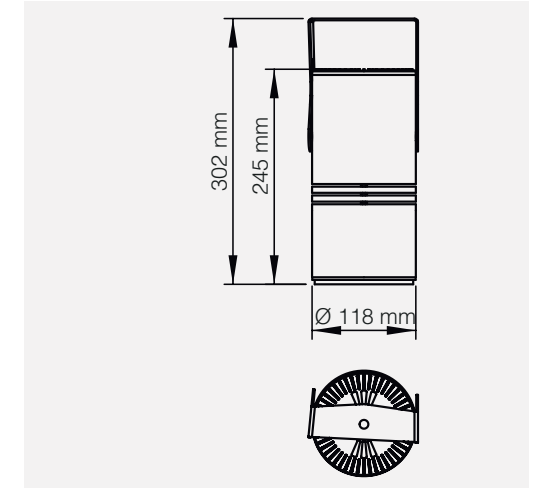
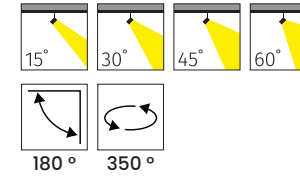




ROTELLA SERİSİ | SERIES

DEKORATİF RAY SPOT | DECORATIVE TRACK SPOT

MAKROLIGHT
LIGHTING STUDIO



MR 425-118

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile soket veya rozanslı Socket or canopy Applied with electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1760 - 1770 gr

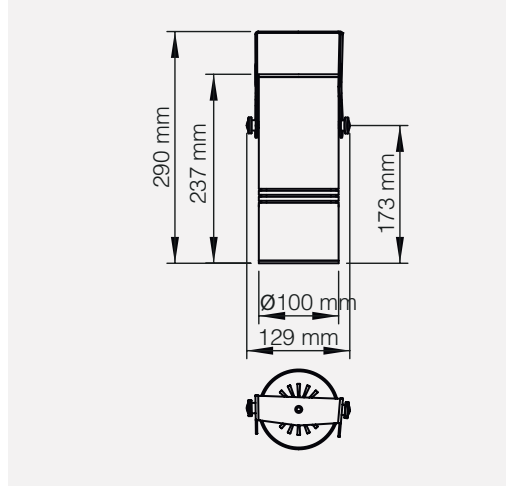
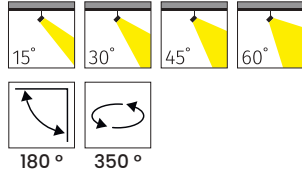
Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MR 425-118	220 V	50 Hz.	30 W	2938 lm	93,0	80 90
MR 425-118	220 V	50 Hz.	35 W	3256 lm	89,0	80 90



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MR 425-100

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile soket veya rozanslı Socket or canopy Aplied with electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1225 - 1235 gr

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MR 425-100	220 V	50 Hz.	20 W	1774 lm	89,2	80 90
MR 425-100	220 V	50 Hz.	30 W	2938 lm	93,0	80 90



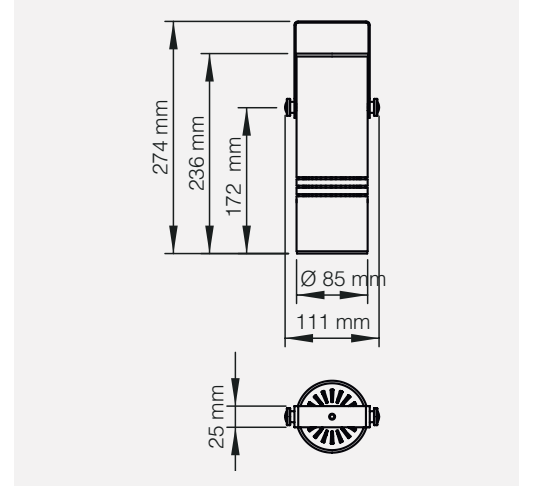
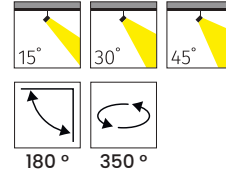
Seçeneğiyle | with Options



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



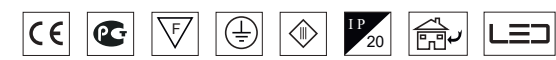
MR 425-85

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile soket veya rozanslı Socket or canopy Aplied with electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1000 - 1010 gr

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MR 425-85	220 V	50 Hz.	15 W	1242 lm	89,0	80 90
MR 425-85	220 V	50 Hz.	20 W	1774 lm	89,2	80 90



Seçeneğiyle | with Options



Renkler | Colors

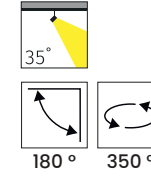
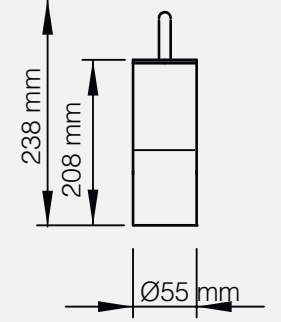


MAKROLIGHT
LIGHTING STUDIO



NORA SERİSİ | SERIES

DEKORATİF RAY SPOT | DECORATIVE TRACK SPOT



MR 418

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Soket veya rozanslı With socket or canopy
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: GU 10 Ampul GU 10 Lamp
Ürün Ağırlığı Product Weight	: 400 - 410 gr

Model	Duy Lampholder	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MR 418	GU 10	220 V	50 Hz.	5 W	460 lm	80
MR 418	GU 10	220 V	50 Hz.	8 W	670 lm	90



Renkler | Colors



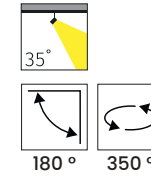
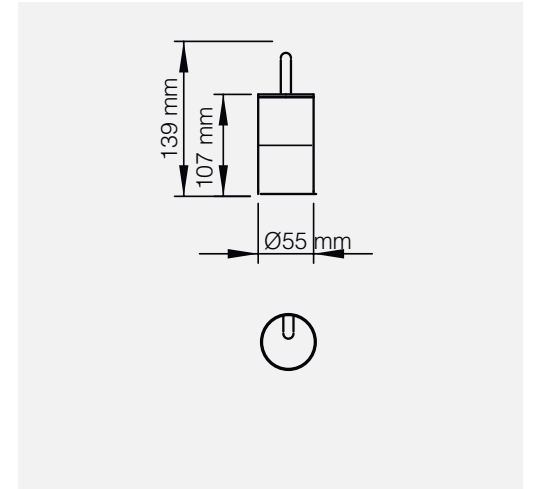
YENİ
New



NORA SERİSİ | SERIES

DEKORATİF RAY SPOT | DECORATIVE TRACK SPOT

MAKROLIGHT
LIGHTING STUDIO



MR 418-1

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Soket veya rozanslı With socket or canopy
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: GU 10 Ampul GU 10 Lamp
Ürün Ağırlığı Product Weight	: 250 - 260 gr

Model	Duy Lampholder	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MR 418-1	GU 10	220 V	50 Hz.	5 W	460 lm	80
MR 418-1	GU 10	220 V	50 Hz.	8 W	670 lm	90



Renkler | Colors



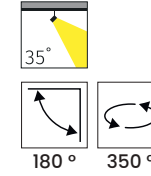
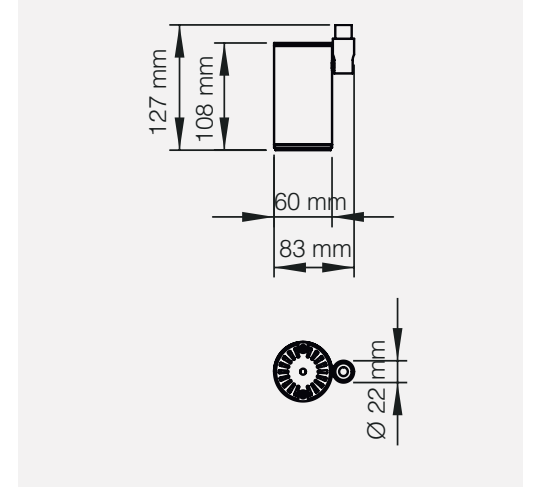
MAKROLIGHT
LIGHTING STUDIO



NORA SERİSİ | SERIES

DEKORATİF RAY SPOT | DECORATIVE TRACK SPOT

MAKROLIGHT
LIGHTING STUDIO



MR 418-2

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Soket veya rozanslı With socket or canopy
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: GU 10 Ampul GU 10 Lamp
Ürün Ağırlığı Product Weight	: 260 - 270 gr

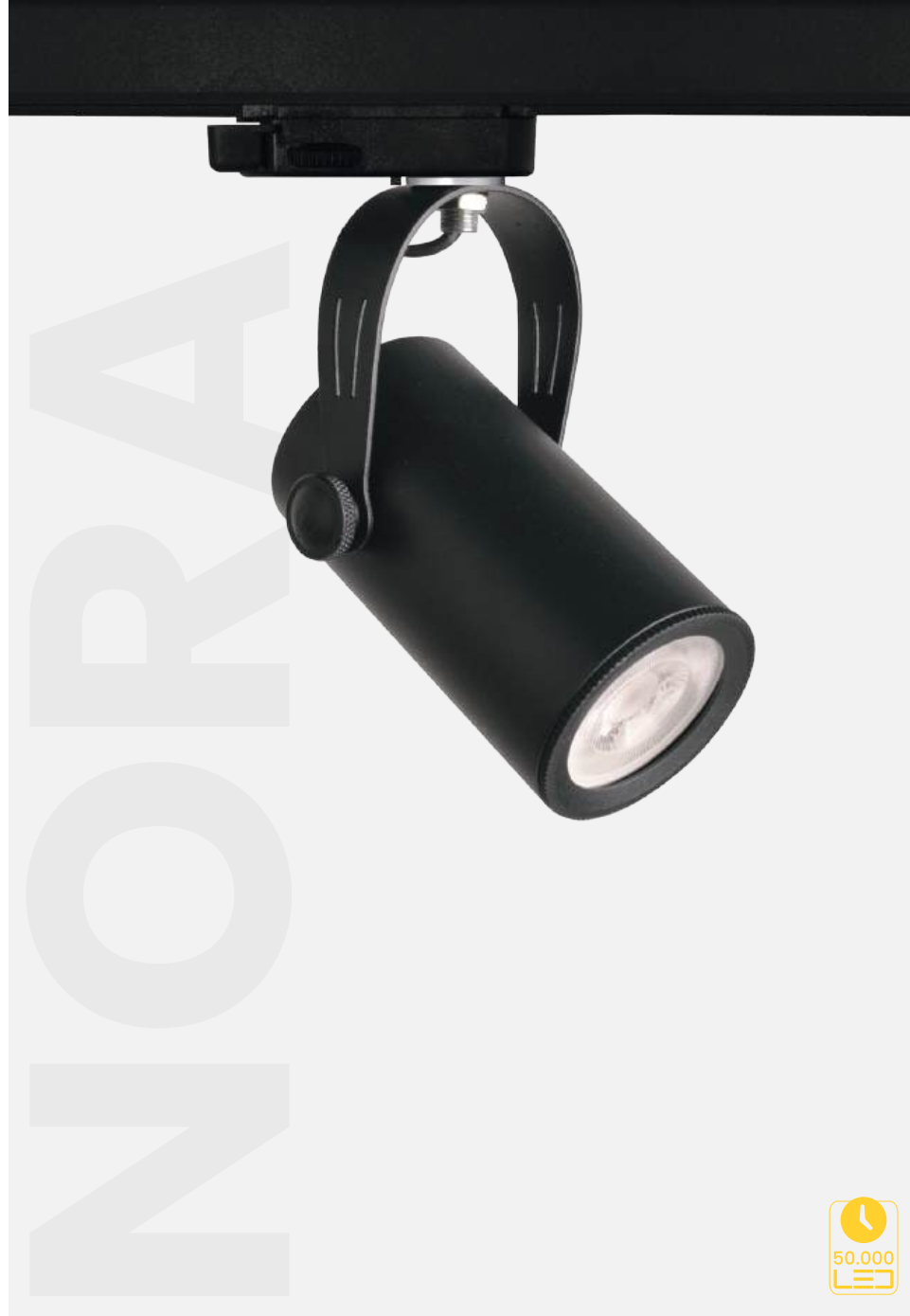
Model	Duy Lampholder	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MR 418-2	GU 10	220 V	50 Hz.	5 W	460 lm	80
MR 418-2	GU 10	220 V	50 Hz.	8 W	670 lm	90



Renkler | Colors



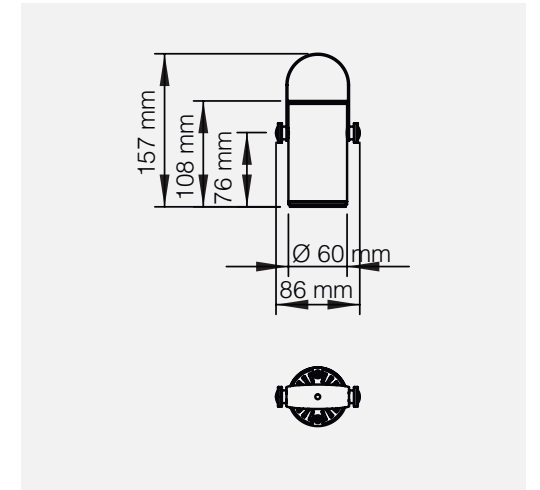
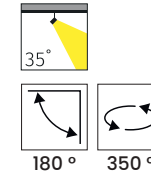
MAKROLIGHT
LIGHTING STUDIO



NORA SERİSİ | SERIES

DEKORATİF RAY SPOT | DECORATIVE TRACK SPOT

MAKROLIGHT
LIGHTING STUDIO



MR 421

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Soket veya rozanslı With socket or canopy
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: GU 10 Ampul GU 10 Lamp
Ürün Ağırlığı Product Weight	: 300 - 310 gr

Model	Duy Lampholder	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MR 421	GU 10	220 V	50 Hz.	5 W	460 lm	80
MR 421	GU 10	220 V	50 Hz.	8 W	670 lm	90



Renkler | Colors

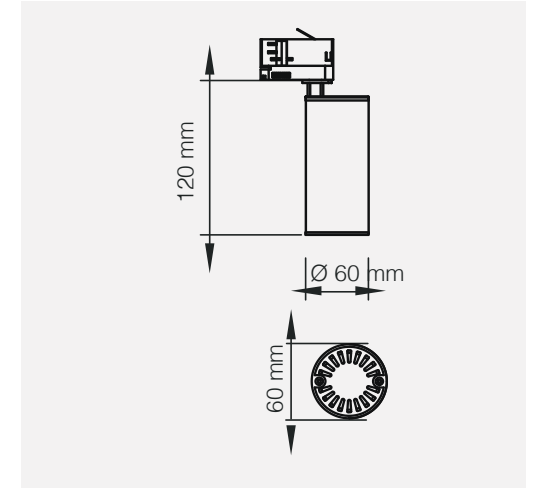
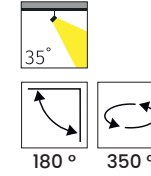


MAKROLIGHT
LIGHTING STUDIO



NORA SERİSİ | SERIES

DEKORATİF RAY SPOT | DECORATIVE TRACK SPOT



MR 423

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Soket veya rozanslı With socket or canopy
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Ray Spot Track Spot
Işık Kaynağı Source of Light	: GU 10 Ampul GU 10 Lamp
Ürün Ağırlığı Product Weight	: 270 - 280 gr

Model	Duy Lampholder	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MR 423	GU 10	220 V	50 Hz.	5 W	460 lm	80
MR 423	GU 10	220 V	50 Hz.	8 W	670 lm	90



Renkler | Colors





MRA 1001

Trifaze Ray | Three-Phased Rail

Made in
Türkiye



MRA 1003

Ray Enerji Girişi ve Sonlama Kapağı | Track Power Input and Termination Cover



MRA 1004

Ara Bağlantı | Interconnection



MRA 1005

Esnek Ara Bağlantı | Flexible Interconnection



MRA 1006

Trifaze L Dönüş | Three-Phased L-Turn



MRA 1007

T Besleme Parçası | Track T Feed Part



MRA 1008

X Besleme Parçası | Track X Feed Part



MRA 1010

Çelik Askı Aparatı | Steel Stalactite Apparature



MRA 1001-MON

Monofaze Ray | Mono-Phased Rail

Made in
Türkiye



MRA 1003 - MON

Ara Bağlantı | Interconnection



MRA 1004 - MON

Esnek Ara Bağlantı | Flexible Interconnection



MRA 1005 - MON

Monofaze L Dönüş | Mono-Phased L-Turn



MRA 1006 - MON

T Besleme Parçası | Track T Feed Part



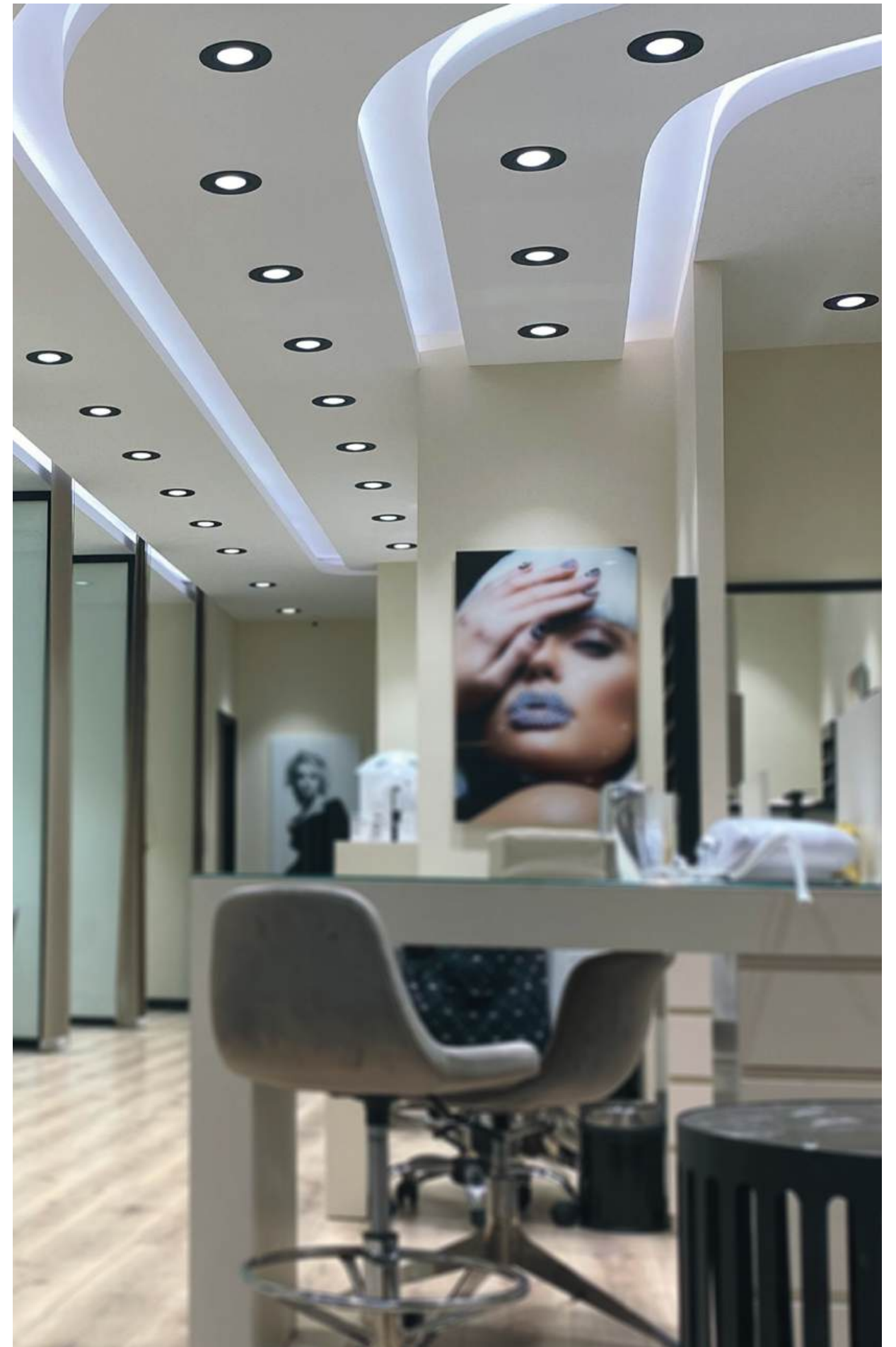
MRA 1010 - MON

Çelik Askı Aparatı | Steel Stalactite Apparature

SIVA ALTI

recessed

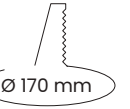
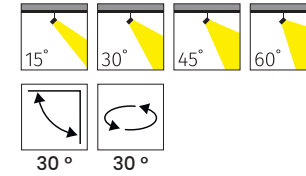
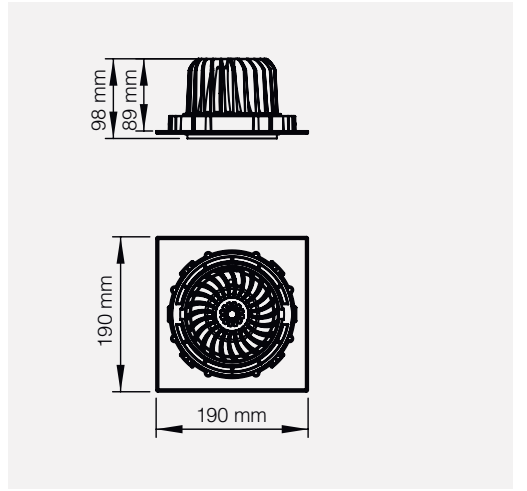
SPOT





TESCA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT



MD 101-1-118

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1345 - 1355 gr
Kesim Ölçüsü Cut Size	: Ø 170 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 101-1-118	220 V	50 Hz.	30 W	2938 lm	93,0	80 90
MD 101-1-118	220 V	50 Hz.	35 W	3256 lm	89,3	80 90



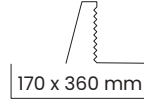
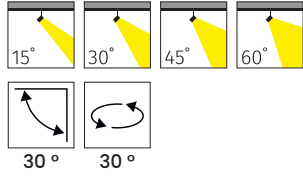
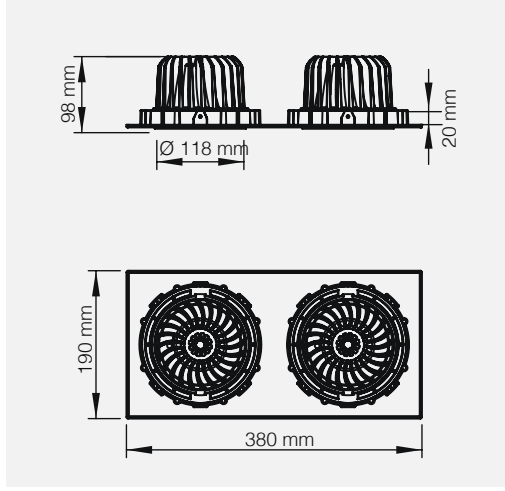
Seçeneğiyle | with Options



Made in
Türkiye

Renkler | Colors





MD 101-2-118

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli <i>Method of Application</i>	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Altı <i>Recessed</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED
Ürün Ağırlığı <i>Product Weight</i>	: 2420 - 2430 gr
Kesim Ölçüsü <i>Cut Size</i>	: 170 x 360 mm

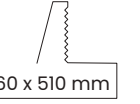
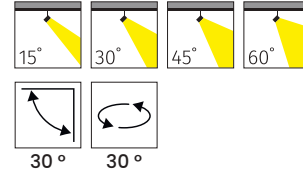
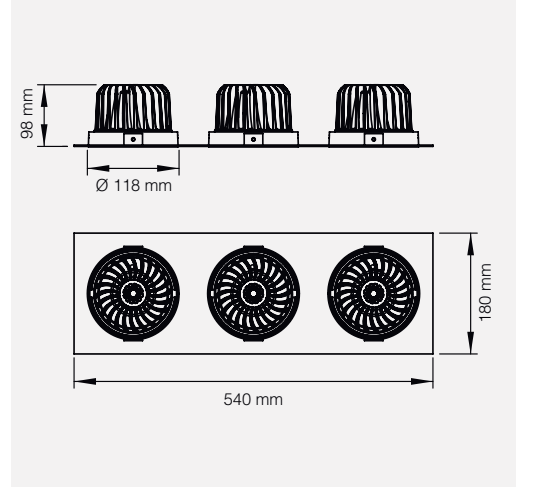
Model	Sürücü Akımı <i>Driver Current</i>	Gerilim <i>Voltage</i>	Frekans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MD 101-2-118	2 x 800 mA	220 V	50 Hz.	60 W	5876 lm	93,0	80 90
MD 101-2-118	2 x 925 mA	220 V	50 Hz.	70 W	6512 lm	89,3	80 90



Renkler | *Colors*



MAKROLIGHT
LIGHTING STUDIO



MD 101-3-118

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli <i>Method of Application</i>	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Altı <i>Recessed</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED
Ürün Ağırlığı <i>Product Weight</i>	: 3800 - 3810 gr
Kesim Ölçüsü <i>Cut Size</i>	: 160 x 510 mm

Model	Sürücü Akımı <i>Driver Current</i>	Gerilim <i>Voltage</i>	Frekans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MD 101-3-118	3 x 800 mA	220 V	50 Hz.	90 W	8814 lm	93,0	80 90
MD 101-3-118	3 x 925 mA	220 V	50 Hz.	105 W	9768 lm	89,3	80 90



Renkler | *Colors*

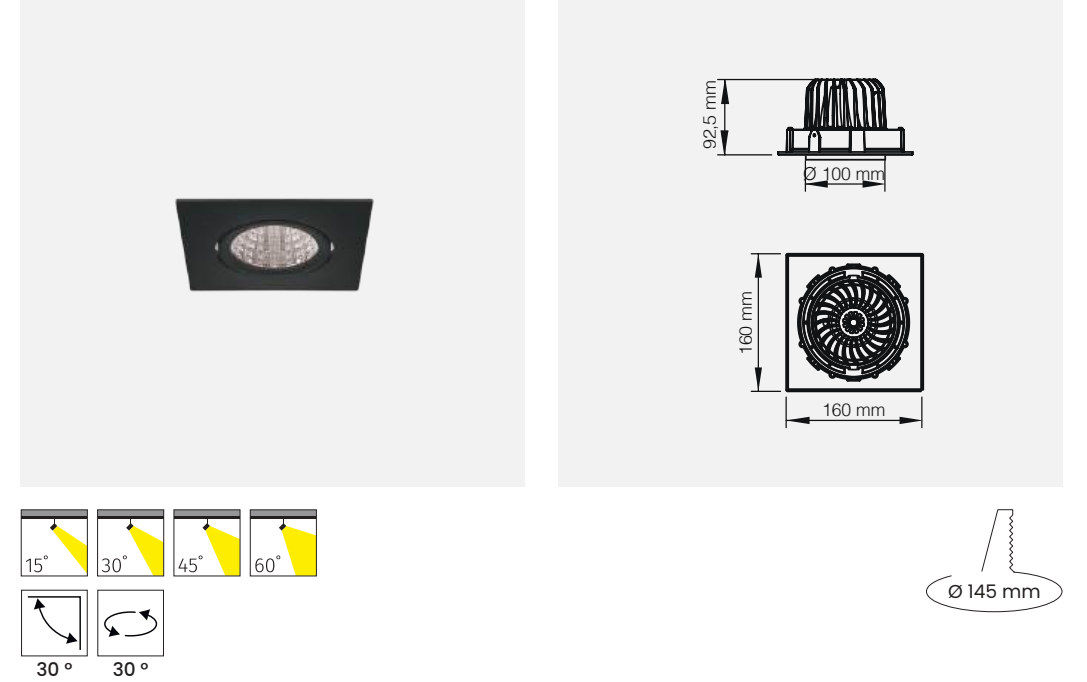


MAKROLIGHT
LIGHTING STUDIO



TESCA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT



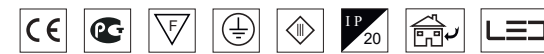
MD 101-1-100

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 925 - 935 gr
Kesim Ölçüsü Cut Size	: Ø 145 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 101-1-100	220 V	50 Hz.	20 W	1774 lm	89,2	80
MD 101-1-100	220 V	50 Hz.	30 W	2938 lm	93,0	90



Seçeneğiyle | with Options



Made in
Türkiye

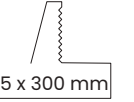
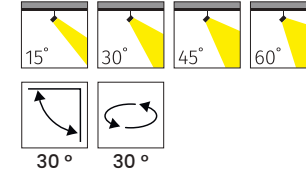
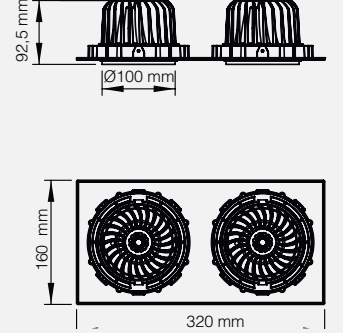
Renkler | Colors





TESCA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT



MD 101-2-100

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1850 - 1860 gr
Kesim Ölçüsü Cut Size	: 145 x 300 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 101-2-100	220 V	50 Hz.	40 W	3548 lm	89,2	80
MD 101-2-100	220 V	50 Hz.	60 W	5876 lm	93,0	90



Seçeneğiyle | with Options



Made in
Türkiye

Renkler | Colors



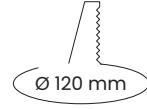
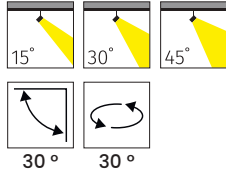
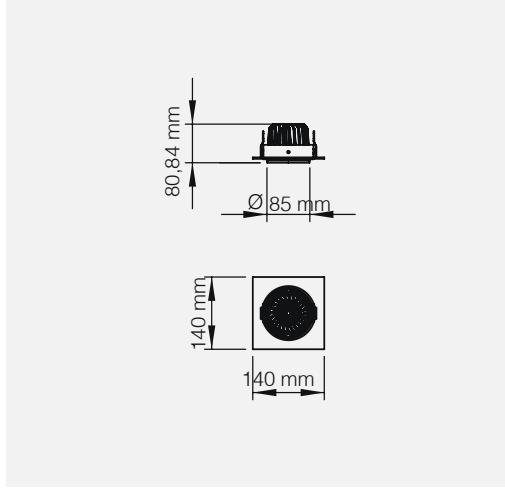
Siyah | Black



Beyaz | White



Diğer Renkler | Other Colors



MD 101-1-85

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli <i>Method of Application</i>	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Altı <i>Recessed</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED
Ürün Ağırlığı <i>Product Weight</i>	: 280 - 290 gr
Kesim Ölçüsü <i>Cut Size</i>	: Ø 120 mm

Model	Gerilim <i>Voltage</i>	Frenkans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MD 101-1-85	220 V	50 Hz.	15 W	1242 lm	89,2	80 90
MD 101-1-85	220 V	50 Hz.	20 W	1774 lm	89,2	80 90



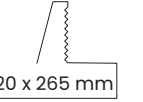
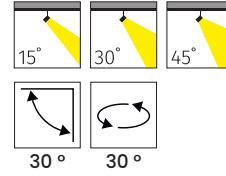
Seçeneğiyle | *with Options*



Renkler | *Colors*



MAKROLIGHT
LIGHTING STUDIO



MD 101-2-85

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli <i>Method of Application</i>	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Altı <i>Recessed</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED
Ürün Ağırlığı <i>Product Weight</i>	: 660 - 670 gr
Kesim Ölçüsü <i>Cut Size</i>	: 120 x 265 mm

Model	Gerilim <i>Voltage</i>	Frenkans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MD 101-2-85	220 V	50 Hz.	30 W	2530 lm	93,0	80 90
MD 101-2-85	220 V	50 Hz.	40 W	3537 lm	85,3	80 90



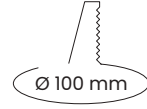
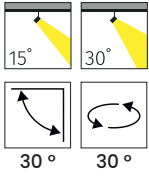
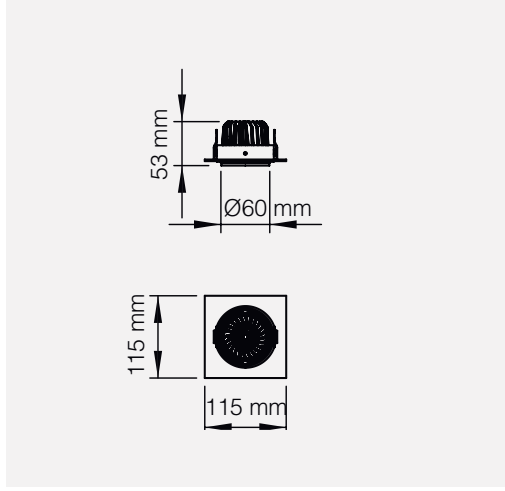
Seçeneğiyle | *with Options*



Renkler | *Colors*



MAKROLIGHT
LIGHTING STUDIO



MD 101-1-60

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli <i>Method of Application</i>	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Altı <i>Recessed</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED veya GU10 Ampul <i>Mid Power LED or GU10 Bulb</i>
Ürün Ağırlığı <i>Product Weight</i>	: 385 - 395 gr
Kesim Ölçüsü <i>Cut Size</i>	: Ø 100 mm

Model	Gerilim <i>Voltage</i>	Frenkans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MD 101-1-60	220 V	50 Hz.	8 W	587 lm	88,1	80 90
MD 101-1-60	220 V	50 Hz.	10 W	654 lm	88,1	80 90

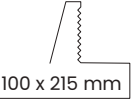
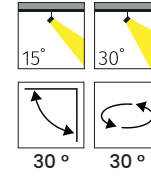
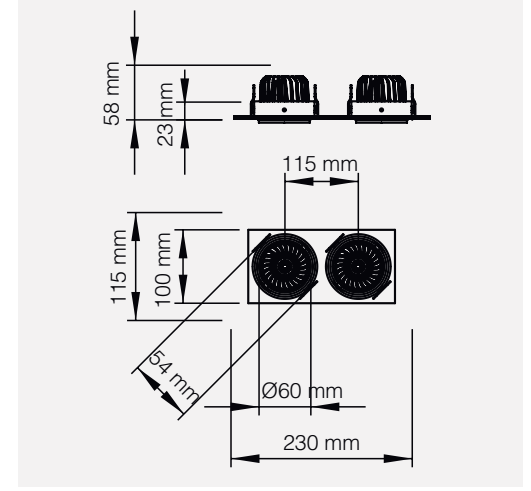
Model	Duy <i>Lampholder</i>	Gerilim <i>Voltage</i>	Frenkans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	CRI
MD 101-1-60	GU10	220 V	50 Hz.	5 W	460 lm	80 90
MD 101-1-60	GU10	220 V	50 Hz.	8 W	670 lm	80 90



Renkler | *Colors*



MAKROLIGHT
LIGHTING STUDIO



MD 101-2-60

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli <i>Method of Application</i>	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Altı <i>Recessed</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED veya GU10 Ampul <i>Mid Power LED or GU10 Bulb</i>
Ürün Ağırlığı <i>Product Weight</i>	: 725 - 735 gr
Kesim Ölçüsü <i>Cut Size</i>	: 100 x 215 mm

Model	Gerilim <i>Voltage</i>	Frenkans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MD 101-2-60	220 V	50 Hz.	15 W	1242 lm	89,2	80 90
MD 101-2-60	220 V	50 Hz.	20 W	1774 lm	89,2	80 90

Model	Duy <i>Lampholder</i>	Gerilim <i>Voltage</i>	Frenkans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	CRI
MD 101-2-60	GU10	220 V	50 Hz.	2 x 5 W	920 lm	80 90
MD 101-2-60	GU10	220 V	50 Hz.	2 x 8 W	1340 lm	80 90



Renkler | *Colors*



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LIGHTING STUDIO

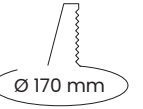
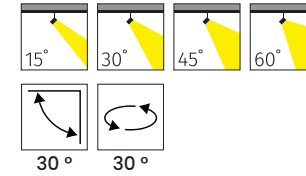
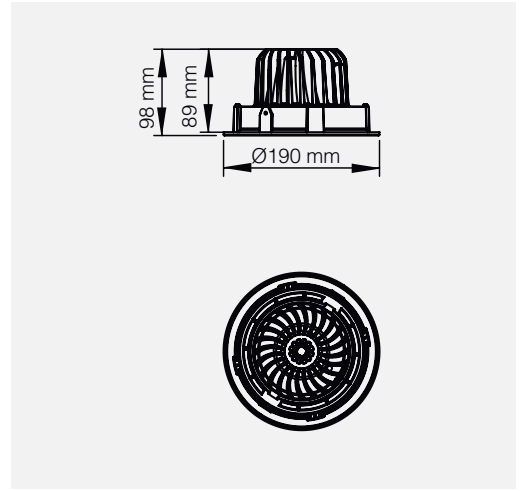


LINDA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT

MAKROLIGHT
LIGHTING STUDIO

LINDA



MD 102-1-118

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1235 - 1245 gr
Kesim Ölçüsü Cut Size	: Ø 170 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 102-1-118	220 V	50 Hz.	30 W	2938 lm	93,0	80 90
MD 102-1-118	220 V	50 Hz.	35 W	3256 lm	89,3	80 90



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO

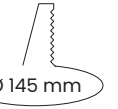
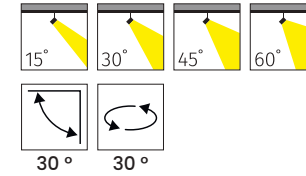
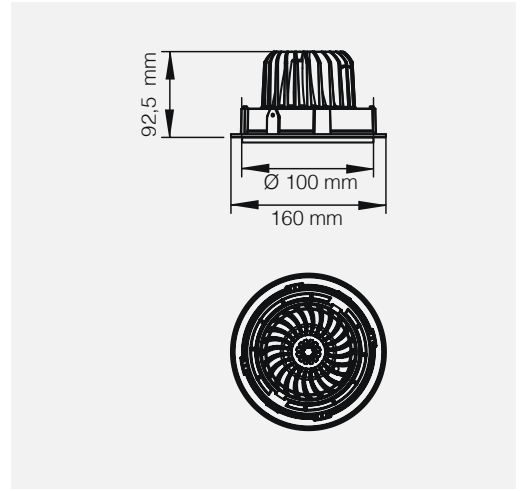


LINDA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT

MAKROLIGHT
LIGHTING STUDIO

LINDA



MD 102-1-100

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 895 - 905 gr
Kesim Ölçüsü Cut Size	: Ø 145 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 102-1-100	220 V	50 Hz.	20 W	1774 lm	89,2	80
MD 102-1-100	220 V	50 Hz.	30 W	2938 lm	93,0	90



Seçeneğiyle | with Options



Made in
Türkiye

Renkler | Colors



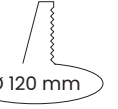
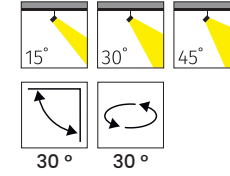
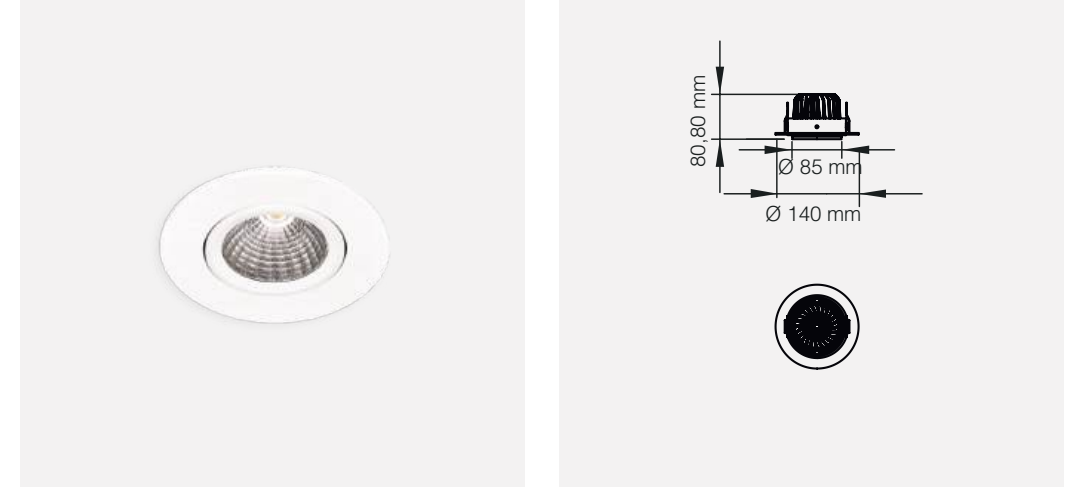
MAKROLIGHT
LIGHTING STUDIO



LINDA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT

MAKROLIGHT
LIGHTING STUDIO



MD 102-1-85

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 360 - 370 gr
Kesim Ölçüsü Cut Size	: Ø 120 mm

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 102-1-85	220 V	50 Hz.	15 W	1242 lm	89,2	80
MD 102-1-85	220 V	50 Hz.	20 W	1774 lm	89,2	90



Renkler | Colors



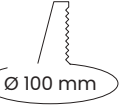
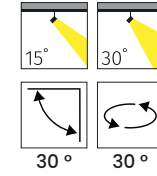
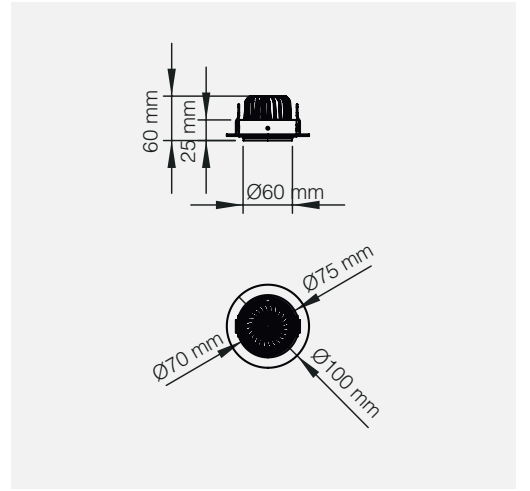
MAKROLIGHT
LIGHTING STUDIO



LINDA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT

LINDA



MD 102-1-60

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED veya GU10 Ampul Mid Power LED or GU10 Bulb
Ürün Ağırlığı Product Weight	: 365 - 375 gr
Kesim Ölçüsü Cut Size	: Ø100 mm

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 102-1-60	220 V	50 Hz.	8 W	587 lm	88,1	80 90
MD 102-1-60	220 V	50 Hz.	10 W	654 lm	88,1	80 90

Model	Duy Lampholder	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MD 102-1-60	GU10	220 V	50 Hz.	5 W	460 lm	80 90
MD 102-1-60	GU10	220 V	50 Hz.	8 W	670 lm	80 90



Renkler | Colors



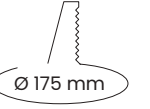
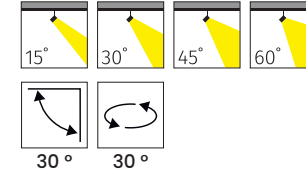
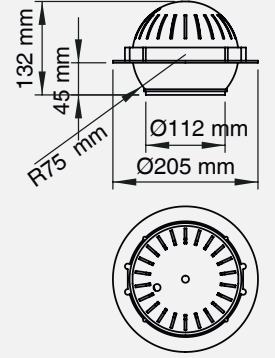




ALBA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT

MAKROLIGHT
LIGHTING STUDIO



MD 107-1-118

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1325 - 1335 gr
Kesim Ölçüsü Cut Size	: Ø 175 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 107-1-118	220 V	50 Hz.	30 W	2938 lm	93,0	80 90
MD 107-1-118	220 V	50 Hz.	35 W	3256 lm	89,3	80 90



Seçeneğiyle | with Options



Made in
Türkiye

Renkler | Colors

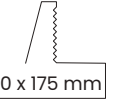
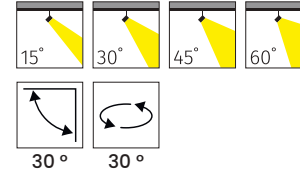
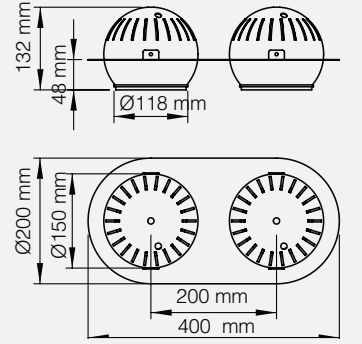


MAKROLIGHT
LIGHTING STUDIO



ALBA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT



MD 107-2-118

Tasarım | Design : by Makrolight

Özellikler | Properties

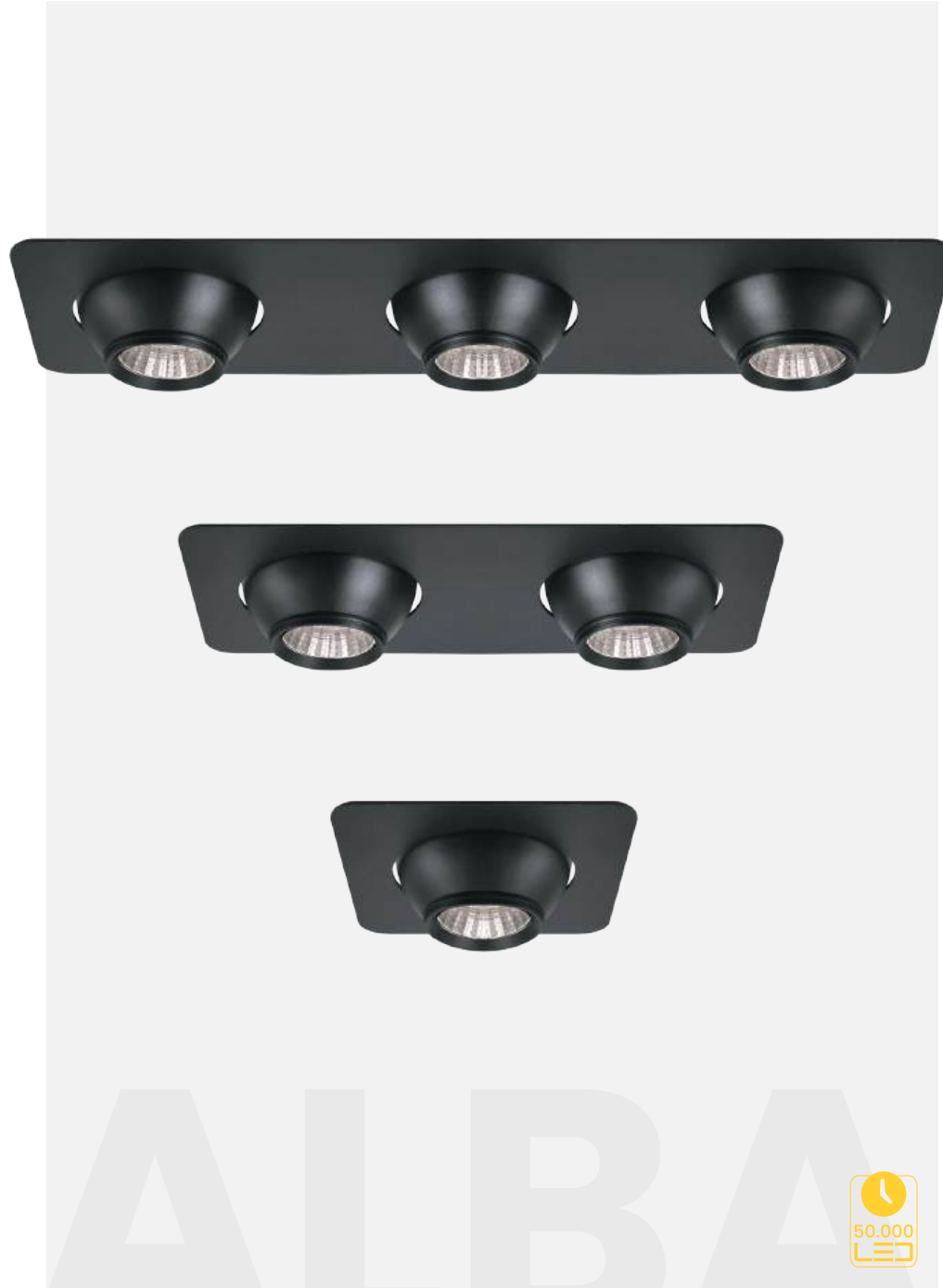
Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 2700 - 2710 gr
Kesim Ölçüsü Cut Size	: 360 x Ø 175 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 107-2-118	220 V	50 Hz.	60 W	5876 lm	93,0	80 90
MD 107-2-118	220 V	50 Hz.	70 W	6512 lm	89,3	80 90



Renkler | Colors

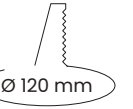
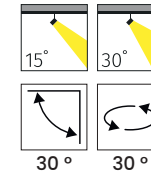
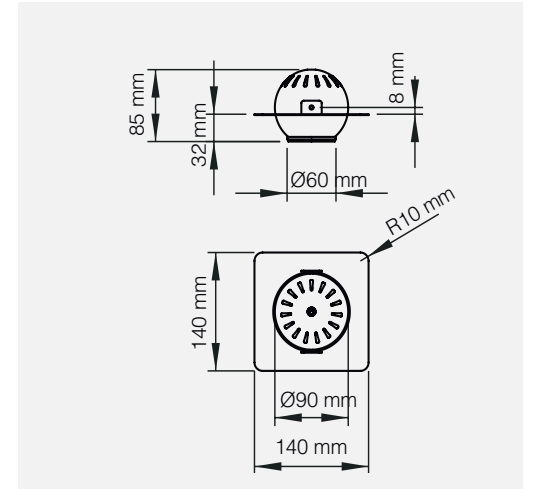




ALBA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT

MAKROLIGHT
LIGHTING STUDIO



MD 121-1-60

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED veya GU10 Ampul Mid Power LED or GU10 Bulb
Ürün Ağırlığı Product Weight	: 525 - 535 gr
Kesim Ölçüsü Cut Size	: Ø 120 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 121-1-60	220 V	50 Hz.	8 W	587 lm	88,1	80 90
MD 121-1-60	220 V	50 Hz.	10 W	654 lm	88,1	80 90

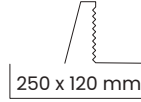
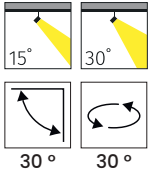
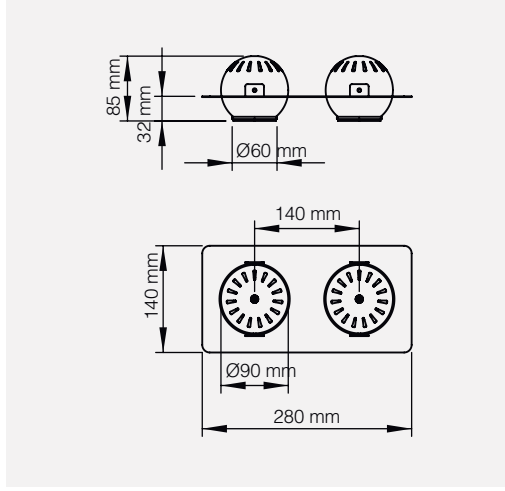
Model	Duy Lampholder	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MD 121-1-60	GU10	220 V	50 Hz.	5 W	460 lm	80 90
MD 121-1-60	GU10	220 V	50 Hz.	8 W	670 lm	80 90



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MD 121-2-60

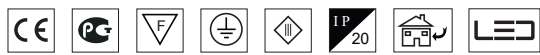
Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli <i>Method of Application</i>	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Altı <i>Recessed</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED veya GU10 Ampul <i>Mid Power LED or GU10 Bulb</i>
Ürün Ağırlığı <i>Product Weight</i>	: 1000 - 1010 gr
Kesim Ölçüsü <i>Cut Size</i>	: 250 x 120 mm

Model	Gerilim <i>Voltage</i>	Frekans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MD 121-2-60	220 V	50 Hz.	15 W	1242 lm	89,2	80 90
MD 121-2-60	220 V	50 Hz.	20 W	1774 lm	89,2	80 90

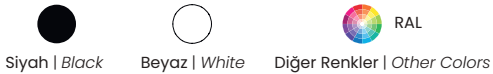
Model	Duy <i>Lampholder</i>	Gerilim <i>Voltage</i>	Frekans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	CRI
MD 121-2-60	GU10	220 V	50 Hz.	2 x 5 W	920 lm	80 90
MD 121-2-60	GU10	220 V	50 Hz.	2 x 8 W	1340 lm	80 90



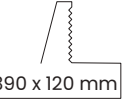
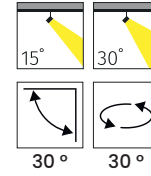
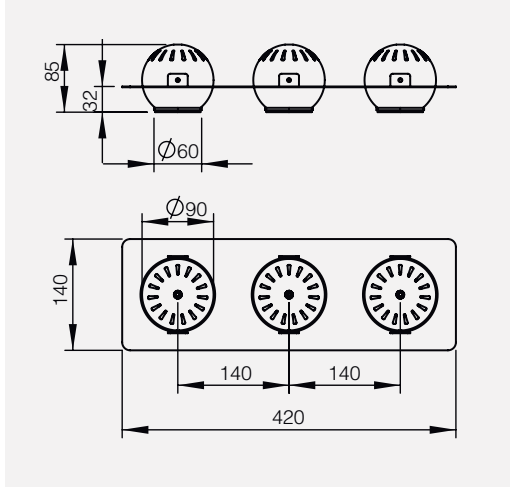
Seçeneğiyle | *with Options*



Renkler | *Colors*



MAKROLIGHT
LIGHTING STUDIO



MD 121-3-60

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli <i>Method of Application</i>	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Altı <i>Recessed</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED veya GU10 Ampul <i>Mid Power LED or GU10 Bulb</i>
Ürün Ağırlığı <i>Product Weight</i>	: 1575 - 1585 gr
Kesim Ölçüsü <i>Cut Size</i>	: 390 x 120 mm

Model	Gerilim <i>Voltage</i>	Frekans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MD 121-3-60	220 V	50 Hz.	24 W	2125 lm	88,1	80 90
MD 121-3-60	220 V	50 Hz.	30 W	2585 lm	88,1	80 90

Model	Duy <i>Lampholder</i>	Gerilim <i>Voltage</i>	Frekans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	CRI
MD 121-3-60	GU10	220 V	50 Hz.	3 x 5 W	1380 lm	80 90
MD 121-3-60	GU10	220 V	50 Hz.	3 x 8 W	2010 lm	80 90



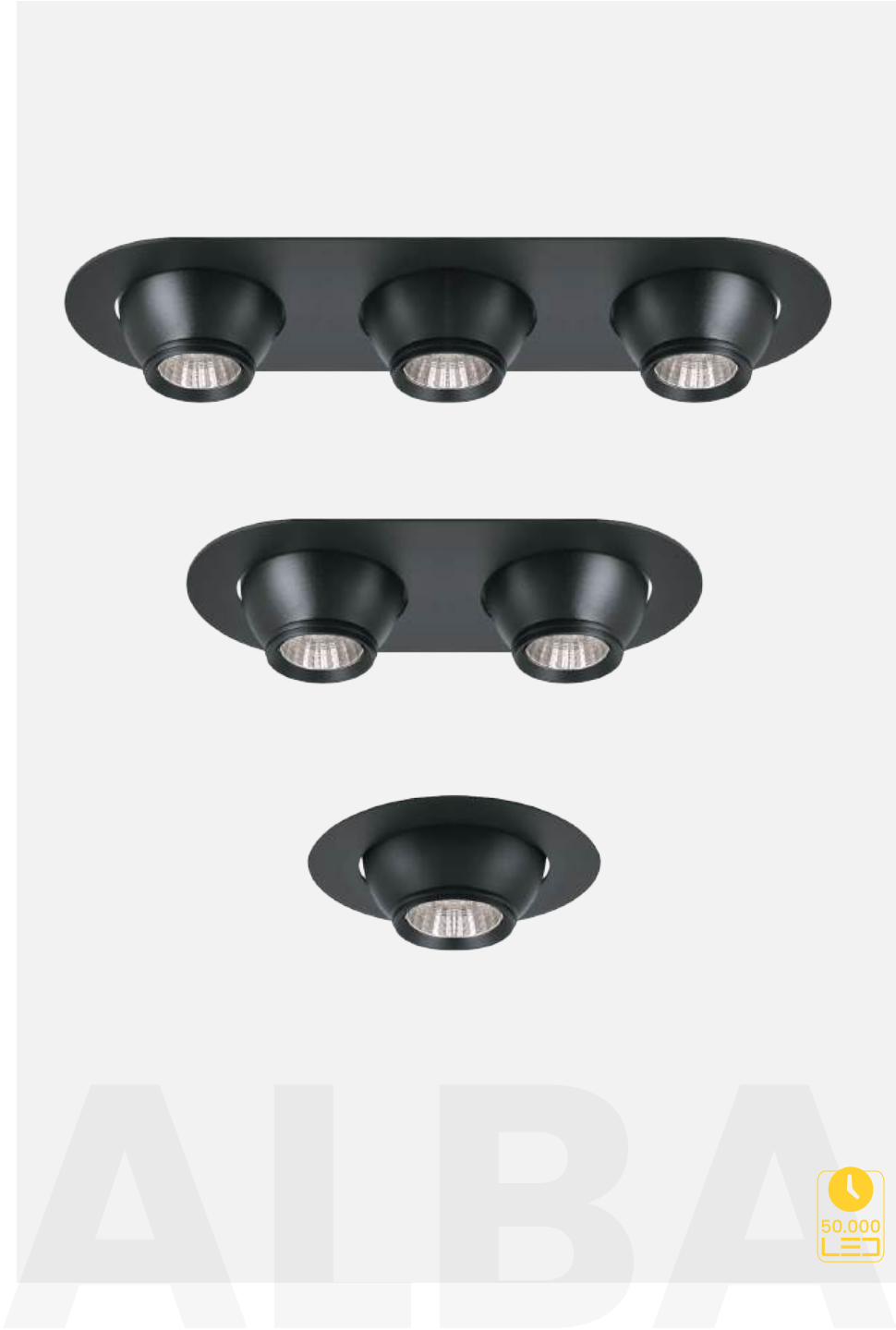
Seçeneğiyle | *with Options*



Renkler | *Colors*

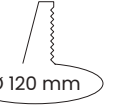
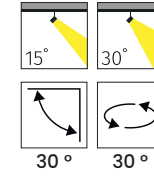


MAKROLIGHT
LIGHTING STUDIO



ALBA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT



MD 122-1-60

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED veya GU10 Ampul Mid Power LED or GU10 Bulb
Ürün Ağırlığı Product Weight	: 500 - 515 gr
Kesim Ölçüsü Cut Size	: Ø 120 mm

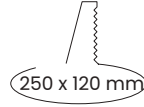
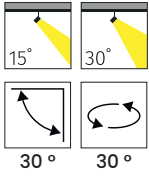
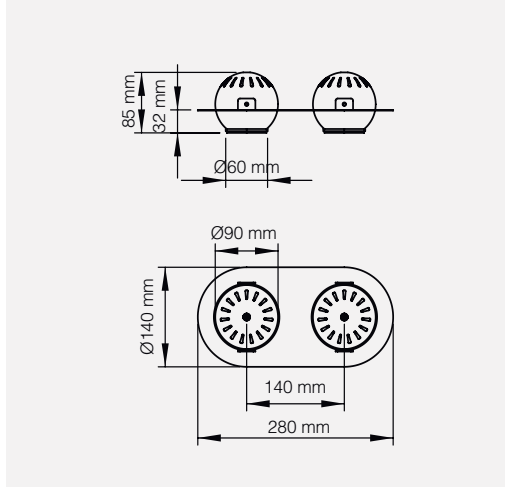
Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 122-1-60	220 V	50 Hz.	8 W	587 lm	88,1	80 90
MD 122-1-60	220 V	50 Hz.	10 W	654 lm	88,1	80 90

Model	Duy Lampholder	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MD 122-1-60	GU10	220 V	50 Hz.	5 W	460 lm	80 90
MD 122-1-60	GU10	220 V	50 Hz.	8 W	670 lm	80 90



Renkler | Colors





MD 122-2-60

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli <i>Method of Application</i>	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Altı <i>Recessed</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED veya GU10 Ampul <i>Mid Power LED or GU10 Bulb</i>
Ürün Ağırlığı <i>Product Weight</i>	: 1000 - 1010 gr
Kesim Ölçüsü <i>Cut Size</i>	: 250 x 120 mm

Model	Gerilim <i>Voltage</i>	Frekans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MD 122-2-60	220 V	50 Hz.	15 W	1242 lm	89,2	80 90
MD 122-2-60	220 V	50 Hz.	20 W	1774 lm	89,2	80 90

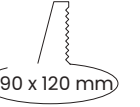
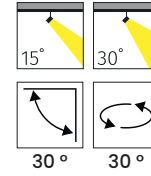
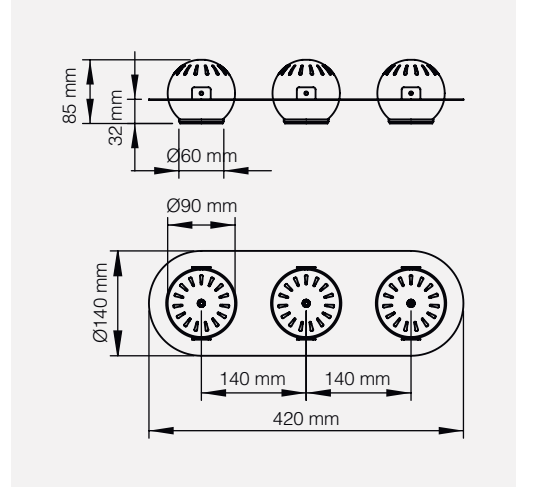
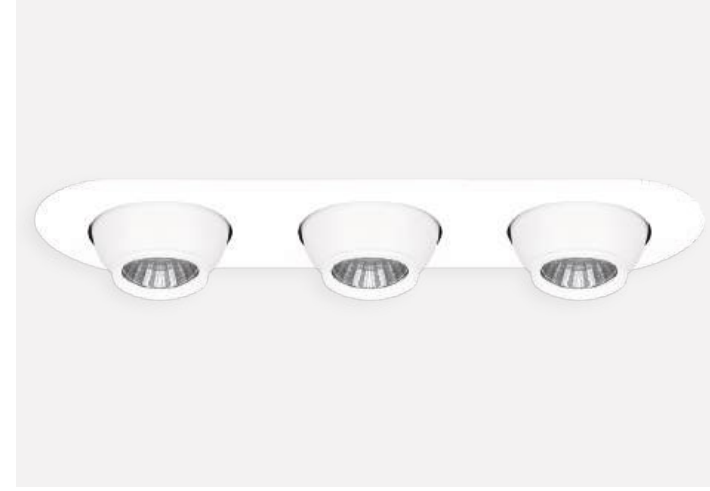
Model	Duy <i>Lampholder</i>	Gerilim <i>Voltage</i>	Frekans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	CRI
MD 122-2-60	GU10	220 V	50 Hz.	2 x 5 W	920 lm	80 90
MD 122-2-60	GU10	220 V	50 Hz.	2 x 8 W	1340 lm	80 90



Renkler | *Colors*



MAKROLIGHT
LIGHTING STUDIO



MD 122-3-60

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli <i>Method of Application</i>	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Altı <i>Recessed</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED veya GU10 Ampul <i>Mid Power LED or GU10 Bulb</i>
Ürün Ağırlığı <i>Product Weight</i>	: 1500 - 1510 gr
Kesim Ölçüsü <i>Cut Size</i>	: 390 x 120 mm

Model	Gerilim <i>Voltage</i>	Frekans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MD 122-3-60	220 V	50 Hz.	24 W	2125 lm	88,1	80 90
MD 122-3-60	220 V	50 Hz.	30 W	2585 lm	88,1	80 90

Model	Duy <i>Lampholder</i>	Gerilim <i>Voltage</i>	Frekans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	CRI
MD 122-3-60	GU10	220 V	50 Hz.	3 x 5 W	1380 lm	80 90
MD 122-3-60	GU10	220 V	50 Hz.	3 x 8 W	2010 lm	80 90



Renkler | *Colors*



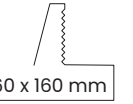
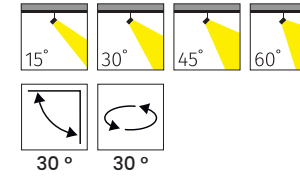
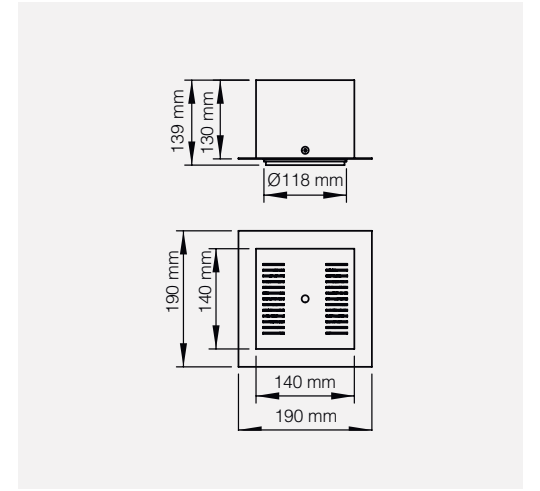
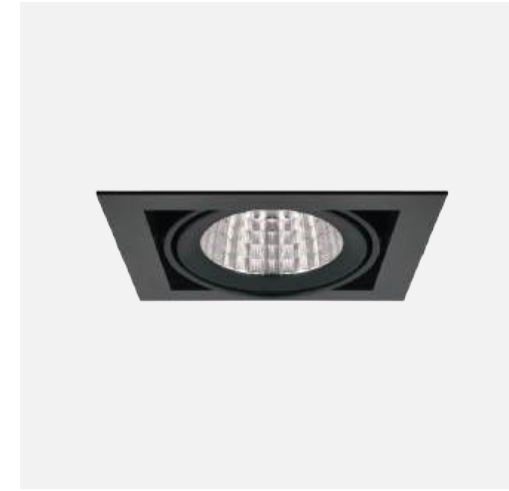
MAKROLIGHT
LIGHTING STUDIO



LARA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT

LARA



MD 110-1-118

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 2055 - 2065 gr
Kesim Ölçüsü Cut Size	: 160 x 160 mm

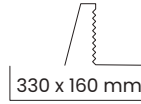
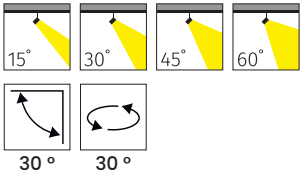
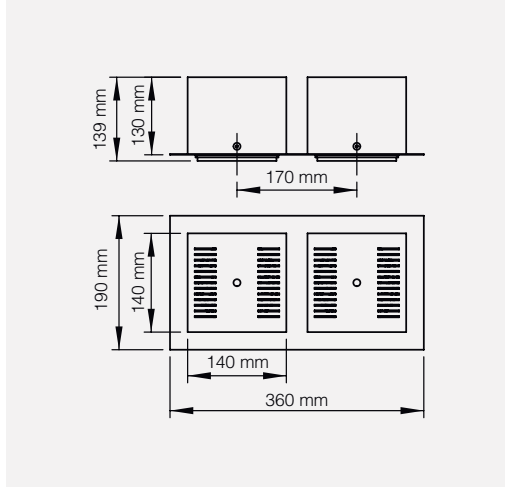
Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 110-1-118	220 V	50 Hz.	30 W	2938 lm	93,0	80 90
MD 110-1-118	220 V	50 Hz.	35 W	3256 lm	89,3	80 90



Renkler | Colors



LARA



MD 110-2-118

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli <i>Method of Application</i>	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Altı <i>Recessed</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED
Ürün Ağırlığı <i>Product Weight</i>	: 3825 - 3835 gr
Kesim Ölçüsü <i>Cut Size</i>	: 330 x 160 mm

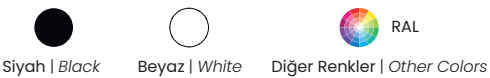
Model	Gerilim <i>Voltage</i>	Frenkans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MD 110-2-118	220 V	50 Hz.	60 W	5876 lm	93,0	80 90
MD 110-2-118	220 V	50 Hz.	70 W	6512 lm	89,3	80 90



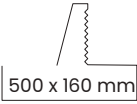
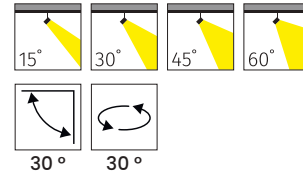
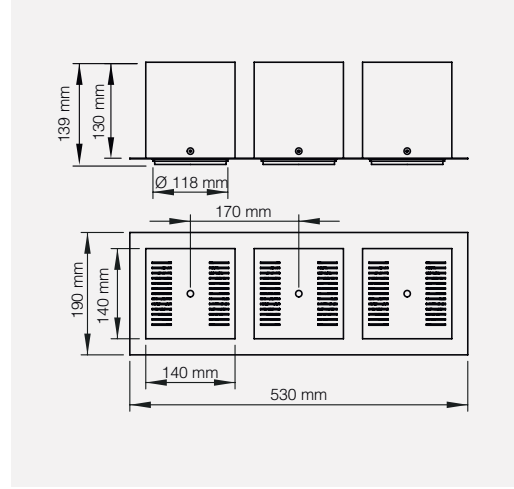
Seçeneğiyle | *with Options*



Renkler | *Colors*



MAKROLIGHT
LIGHTING STUDIO



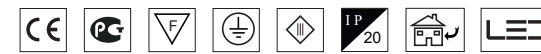
MD 110-3-118

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli <i>Method of Application</i>	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Altı <i>Recessed</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED
Ürün Ağırlığı <i>Product Weight</i>	: 5290 - 5300 gr
Kesim Ölçüsü <i>Cut Size</i>	: 500 x 160 mm

Model	Gerilim <i>Voltage</i>	Frenkans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MD 110-3-118	220 V	50 Hz.	90 W	8814 lm	93,0	80 90
MD 110-3-118	220 V	50 Hz.	105 W	9768 lm	89,3	80 90



Seçeneğiyle | *with Options*



Renkler | *Colors*



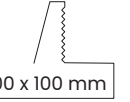
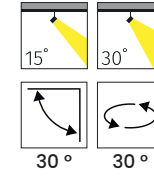
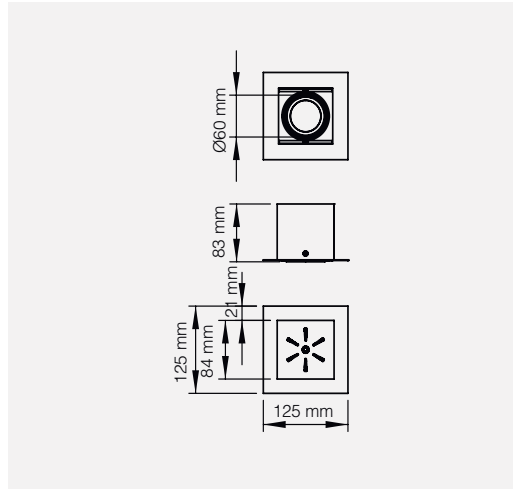
MAKROLIGHT
LIGHTING STUDIO



LARA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT

MAKROLIGHT
LIGHTING STUDIO



MD 110-1-60

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Siva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED veya GU10 Ampul Mid Power LED or GU10 Bulb
Ürün Ağırlığı Product Weight	: 610 - 620 gr
Kesim Ölçüsü Cut Size	: 100 x 100 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 110-1-60	220 V	50 Hz.	8 W	587 lm	88,1	80 90
MD 110-1-60	220 V	50 Hz.	10 W	654 lm	88,1	80 90

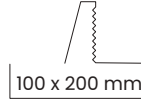
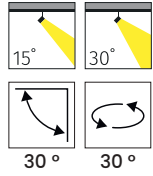
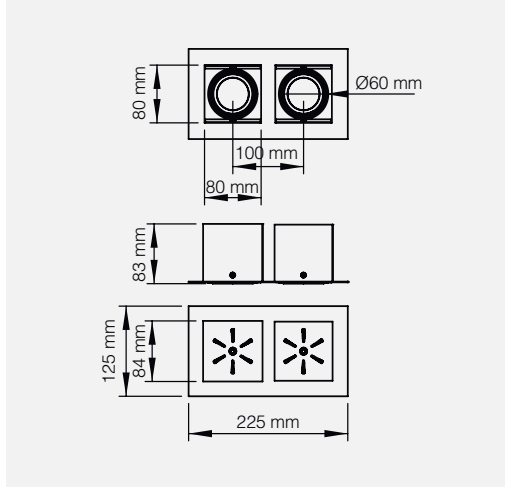
Model	Duy Lampholder	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MD 110-1-60	GU10	220 V	50 Hz.	5 W	460 lm	80 90
MD 110-1-60	GU10	220 V	50 Hz.	8 W	670 lm	80 90



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MD 110-2-60

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli <i>Method of Application</i>	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Altı <i>Recessed</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED veya GU10 Ampul <i>Mid Power LED or GU10 Bulb</i>
Ürün Ağırlığı <i>Product Weight</i>	: 1040 - 1050 gr
Kesim Ölçüsü <i>Cut Size</i>	: 100 x 200 mm

Model	Gerilim <i>Voltage</i>	Frenkans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MD 110-2-60	220 V	50 Hz.	15 W	1242 lm	89,2	80 90
MD 110-2-60	220 V	50 Hz.	20 W	1774 lm	89,2	80 90

Model	Duy <i>Lampholder</i>	Gerilim <i>Voltage</i>	Frenkans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	CRI
MD 110-2-60	GU10	220 V	50 Hz.	2 X 5 W	920 lm	80 90
MD 110-2-60	GU10	220 V	50 Hz.	2 X 8 W	1340 lm	80 90



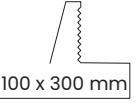
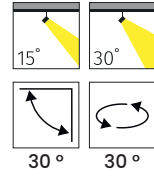
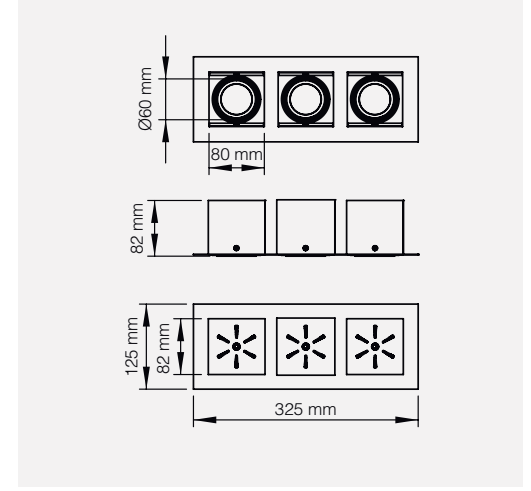
Seçeneğiyle | *with Options*



Renkler | *Colors*



MAKROLIGHT
LIGHTING STUDIO



MD 110-3-60

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli <i>Method of Application</i>	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Altı <i>Recessed</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED veya GU10 Ampul <i>Mid Power LED or GU10 Bulb</i>
Ürün Ağırlığı <i>Product Weight</i>	: 1545 - 1555 gr
Kesim Ölçüsü <i>Cut Size</i>	: 100 x 300 mm

Model	Gerilim <i>Voltage</i>	Frenkans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MD 110-3-60	220 V	50 Hz.	24 W	2125 lm	88,1	80 90
MD 110-3-60	220 V	50 Hz.	30 W	2585 lm	88,1	80 90

Model	Duy <i>Lampholder</i>	Gerilim <i>Voltage</i>	Frenkans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	CRI
MD 110-3-60	GU10	220 V	50 Hz.	3 x 5 W	1380 lm	80 90
MD 110-3-60	GU10	220 V	50 Hz.	3 x 8 W	2010 lm	80 90



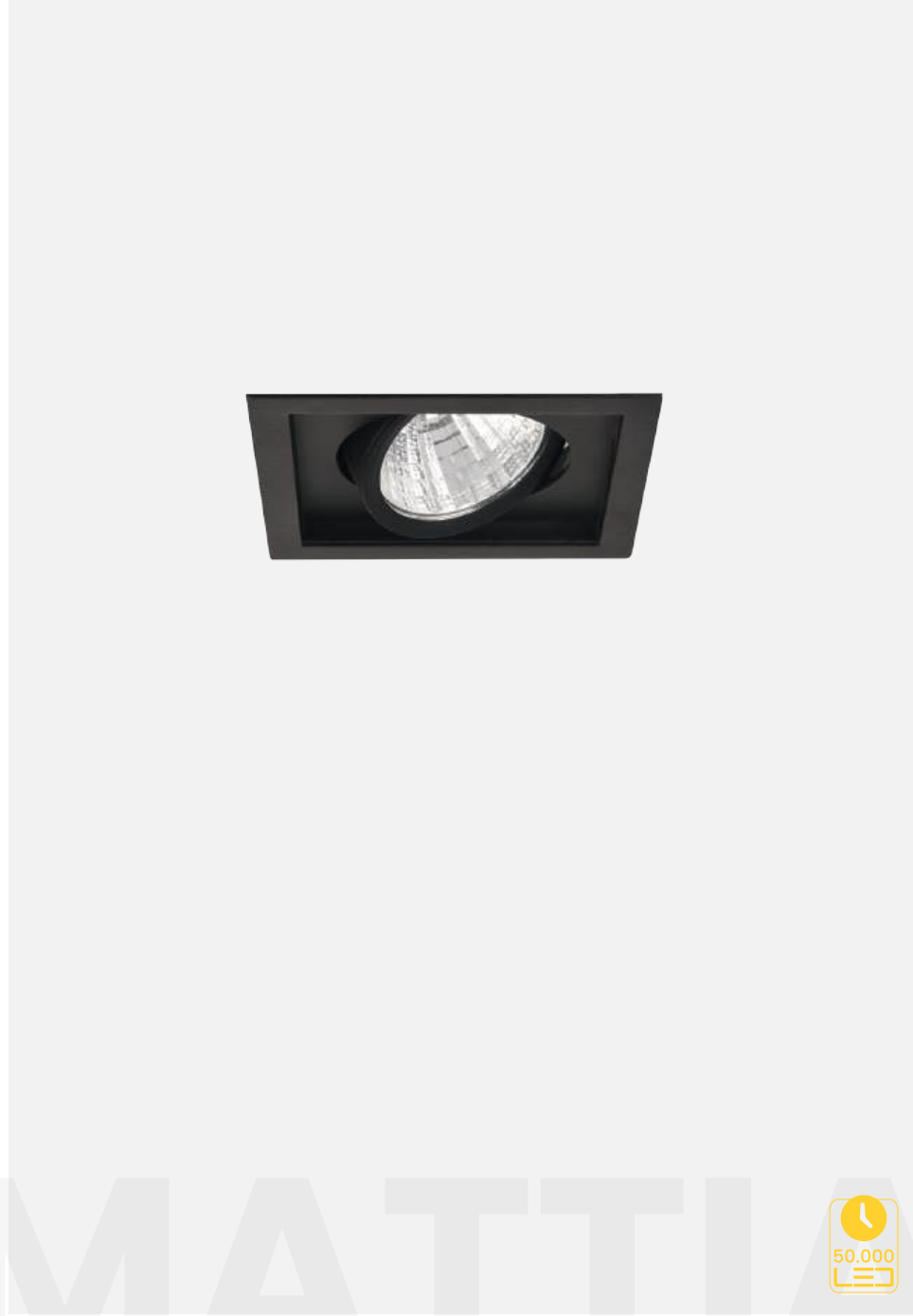
Seçeneğiyle | *with Options*



Renkler | *Colors*

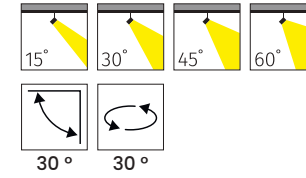
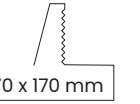
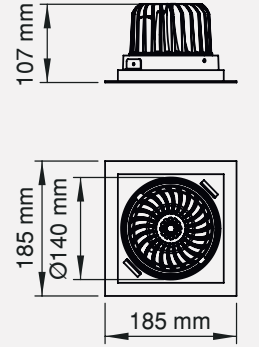


MAKROLIGHT
LIGHTING STUDIO



MATTIA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT



MD 119-1-118

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Siva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1570 - 1580 gr
Kesim Ölçüsü Cut Size	: 170 x 170 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 119-1-118	220 V	50 Hz.	30 W	2938 lm	93,0	80 90
MD 119-1-118	220 V	50 Hz.	35 W	3256 lm	89,3	80 90



Seçeneğiyle | with Options



Made in
Türkiye

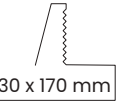
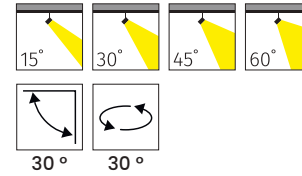
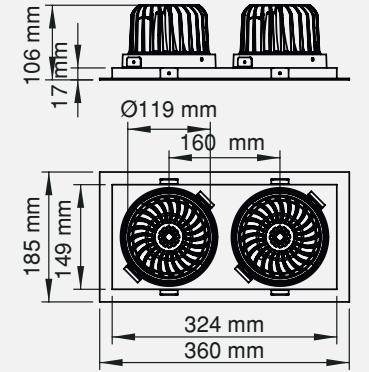
Renkler | Colors





MATTIA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT



MD 119-2-118

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Siva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 2950 - 2960 gr
Kesim Ölçüsü Cut Size	: 330 x 170 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 119-2-118	220 V	50 Hz.	60 W	5876 lm	93,0	80 90
MD 119-2-118	220 V	50 Hz.	70 W	6512 lm	89,3	80 90



Seçeneğiyle | with Options



Made in
Türkiye

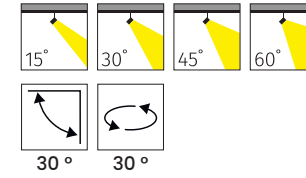
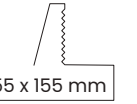
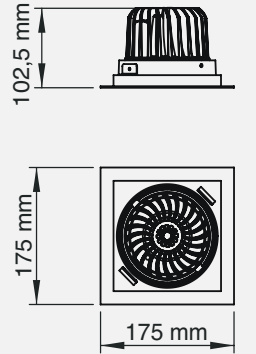
Renkler | Colors





MATTIA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT



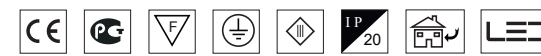
MD 119-1-100

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Siva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1375 - 1385 gr
Kesim Ölçüsü Cut Size	: 155 x 155 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 119-1-100	220 V	50 Hz.	20 W	1774 lm	89,2	80
MD 119-1-100	220 V	50 Hz.	30 W	2938 lm	93,0	90



Seçeneğiyle | with Options



Made in
Türkiye

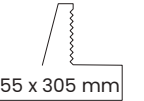
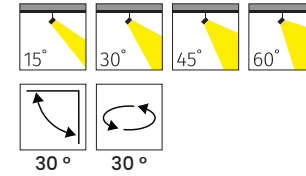
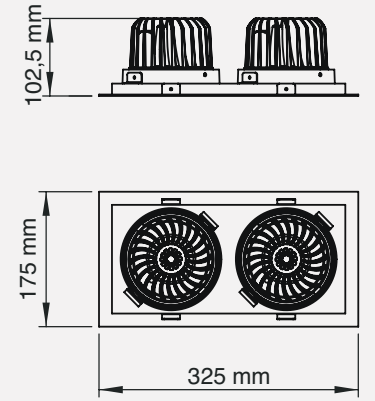
Renkler | Colors





MATTIA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT



MD 119-2-100

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Siva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 2705 - 2715 gr
Kesim Ölçüsü Cut Size	: 155 x 305 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 119-2-100	220 V	50 Hz.	40 W	3548 lm	89,2	80
MD 119-2-100	220 V	50 Hz.	60 W	5876 lm	93,0	90



Seçeneğiyle | with Options



Made in
Türkiye

Renkler | Colors



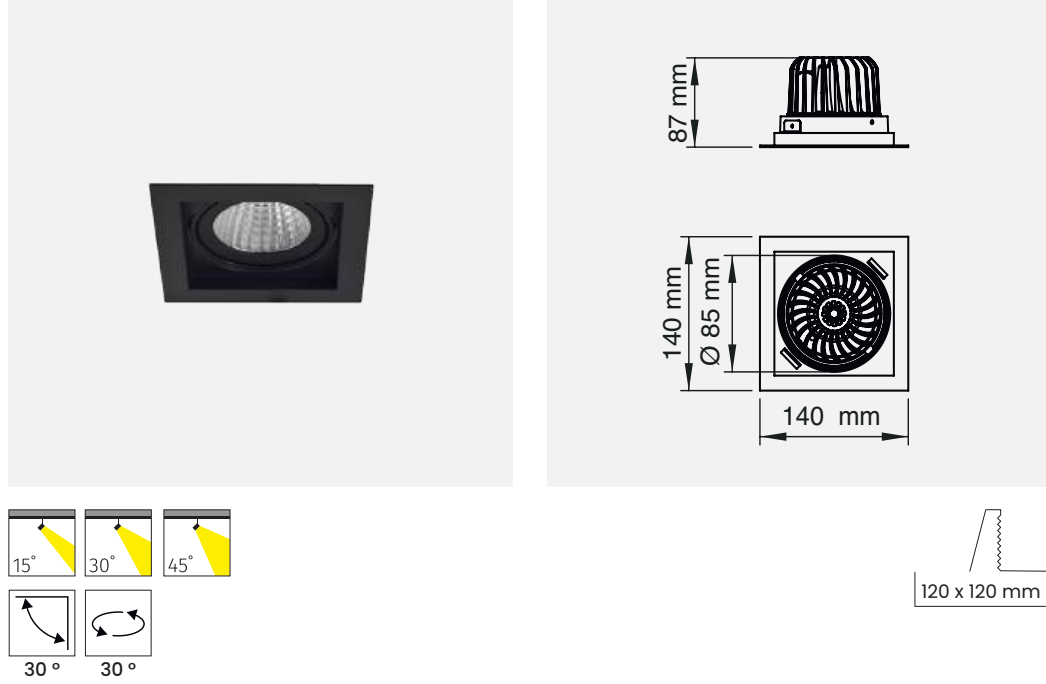
Siyah | Black



Beyaz | White



Diğer Renkler | Other Colors



MD 119-1-85

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli Method of Application	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi Painting Type	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı <i>Recessed</i>
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 730 – 740 gr
Kesim Ölçüsü Cut Size	: 120 x 120 mm

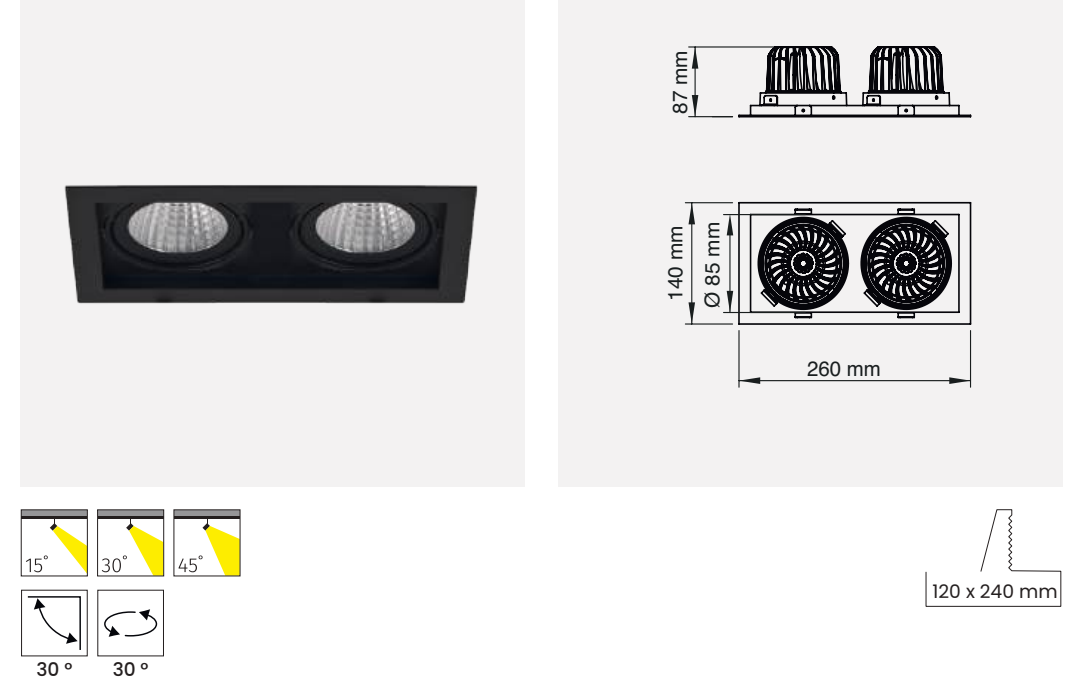
Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 119-1-85	220 V	50 Hz.	15 W	1242 lm	89,2	80 90
MD 119-1-85	220 V	50 Hz.	20 W	1774 lm	89,2	80 90



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MD 119-2-85

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli Method of Application	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi Painting Type	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı <i>Recessed</i>
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1515 – 1525 gr
Kesim Ölçüsü Cut Size	: 120 x 240 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 119-2-85	220 V	50 Hz.	30 W	2530 lm	93,0	80 90
MD 119-2-85	220 V	50 Hz.	40 W	3557 lm	85,3	80 90



Renkler | Colors



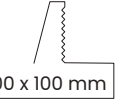
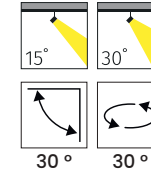
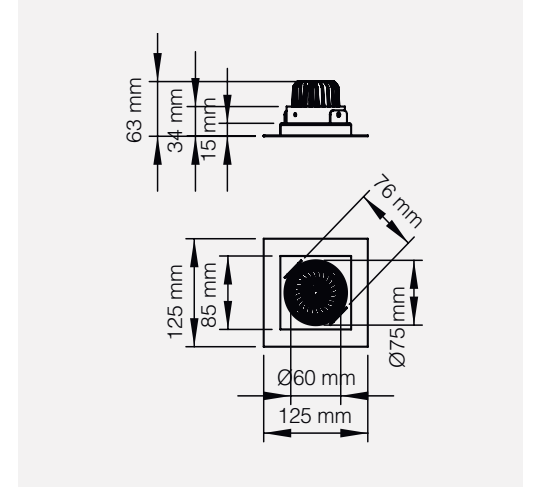
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LIGHTING STUDIO



MATTIA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT

MAKROLIGHT
LIGHTING STUDIO



MD 119-1-60

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Siva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED veya GU10 Ampul Mid Power LED or GU10 Bulb
Ürün Ağırlığı Product Weight	: 500 - 510 gr
Kesim Ölçüsü Cut Size	: 100 x 100 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 119-1-60	220 V	50 Hz.	8 W	587 lm	88,1	80 90
MD 119-1-60	220 V	50 Hz.	10 W	654 lm	88,1	80 90

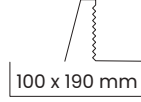
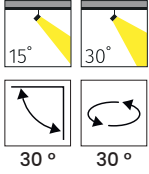
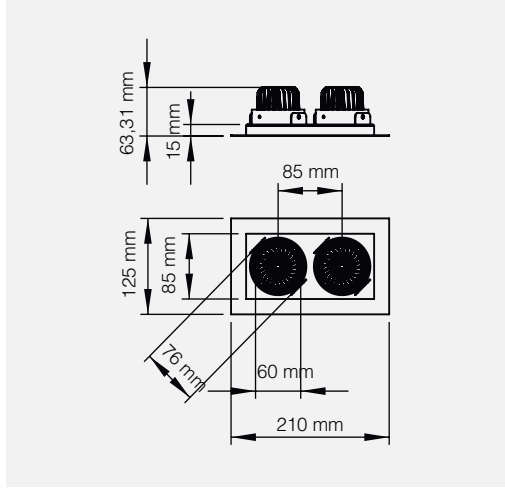
Model	Duy Lampholder	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MD 119-1-60	GU10	220 V	50 Hz.	5 W	460 lm	80 90
MD 119-1-60	GU10	220 V	50 Hz.	8 W	670 lm	80 90



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MD 119-2-60

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli <i>Method of Application</i>	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Altı <i>Recessed</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED veya GU10 Ampul <i>Mid Power LED or GU10 Bulb</i>
Ürün Ağırlığı <i>Product Weight</i>	: 825 - 835 gr
Kesim Ölçüsü <i>Cut Size</i>	: 100 x 190 mm

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 119-2-60	220 V	50 Hz.	15 W	1242 lm	89,2	80 90
MD 119-2-60	220 V	50 Hz.	20 W	1774 lm	89,2	80 90

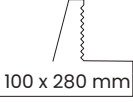
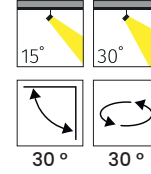
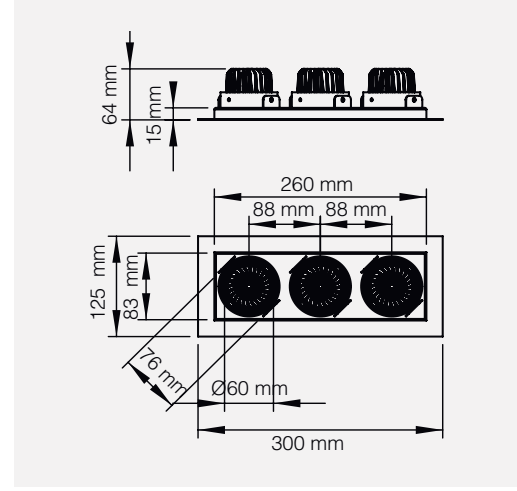
Model	Duy Lampholder	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MD 119-2-60	GU10	220 V	50 Hz.	2 x 5 W	920 lm	80 90
MD 119-2-60	GU10	220 V	50 Hz.	2 x 8 W	1340 lm	80 90



Renkler | *Colors*



MAKROLIGHT
LIGHTING STUDIO



MD 119-3-60

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli <i>Method of Application</i>	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Altı <i>Recessed</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED veya GU10 Ampul <i>Mid Power LED or GU10 Bulb</i>
Ürün Ağırlığı <i>Product Weight</i>	: 1215 - 1225 gr
Kesim Ölçüsü <i>Cut Size</i>	: 100 x 280 mm

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 119-3-60	220 V	50 Hz.	24 W	2125 lm	88,1	80 90
MD 119-3-60	220 V	50 Hz.	30 W	2585 lm	88,1	80 90

Model	Duy Lampholder	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MD 119-3-60	GU10	220 V	50 Hz.	3 x 5 W	1380 lm	80 90
MD 119-3-60	GU10	220 V	50 Hz.	3 x 8 W	2010 lm	80 90



Renkler | *Colors*



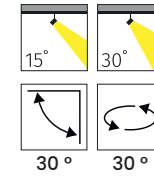
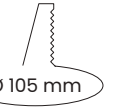
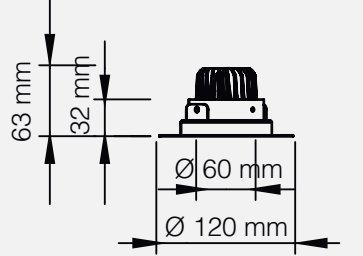
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LIGHTING STUDIO



MATTIA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT

MAKROLIGHT
LIGHTING STUDIO



MD 128-1-60

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED veya GU10 Ampul Mid Power LED or GU10 Bulb
Ürün Ağırlığı Product Weight	: 310 - 320 gr
Kesim Ölçüsü Cut Size	: Ø 105 mm

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 128-1-60	220 V	50 Hz.	8 W	587 lm	88,1	80 90
MD 128-1-60	220 V	50 Hz.	10 W	654 lm	88,1	80 90

Model	Duy Lampholder	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MD 128-1-60	GU10	220 V	50 Hz.	5 W	460 lm	80 90
MD 128-1-60	GU10	220 V	50 Hz.	8 W	670 lm	80 90



Renkler | Colors



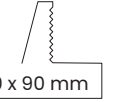
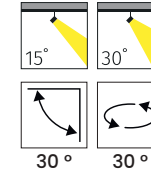
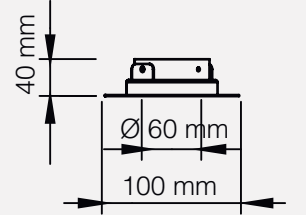
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MATTIA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT

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LIGHTING STUDIO



MD 129-1-60

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED veya GU10 Ampul Mid Power LED or GU10 Bulb
Ürün Ağırlığı Product Weight	: 310 - 320 gr
Kesim Ölçüsü Cut Size	: 90 x 90 mm

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 129-1-60	220 V	50 Hz.	8 W	587 lm	88,1	80 90
MD 129-1-60	220 V	50 Hz.	10 W	654 lm	88,1	80 90

Model	Duy Lampholder	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MD 129-1-60	GU10	220 V	50 Hz.	5 W	460 lm	80 90
MD 129-1-60	GU10	220 V	50 Hz.	8 W	670 lm	80 90



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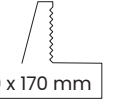
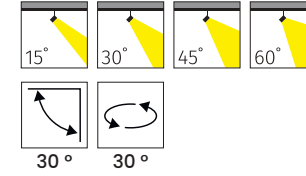
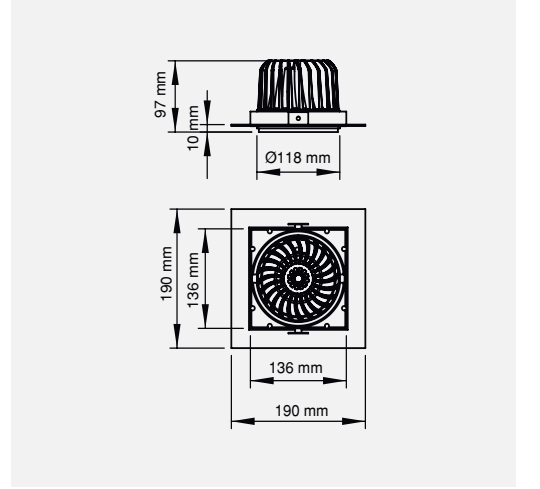


MAKROLIGHT
LIGHTING STUDIO



RONA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT



MD 131-1-118

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1370 - 1380 gr
Kesim Ölçüsü Cut Size	: 170 x 170 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 131-1-118	220 V	50 Hz.	30 W	2938 lm	93,0	80 90
MD 131-1-118	220 V	50 Hz.	35 W	3256 lm	89,3	80 90



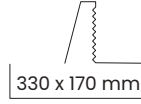
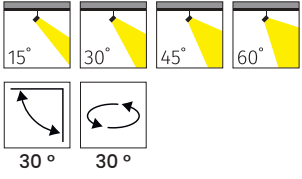
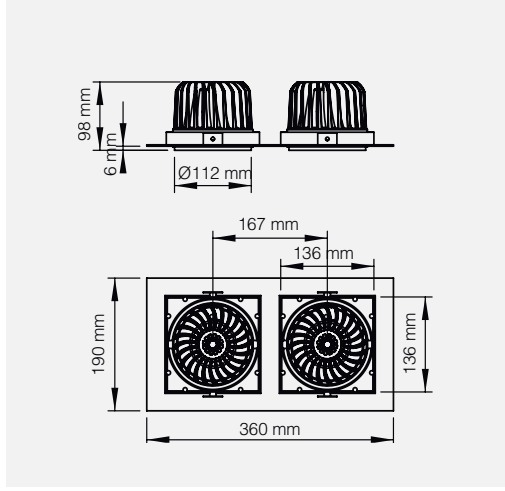
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Renkler | Colors





MD 131-2-118

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli <i>Method of Application</i>	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Altı <i>Recessed</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED
Ürün Ağırlığı <i>Product Weight</i>	: 2700 - 2710 gr
Kesim Ölçüsü <i>Cut Size</i>	: 330 x 170 mm

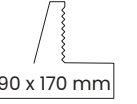
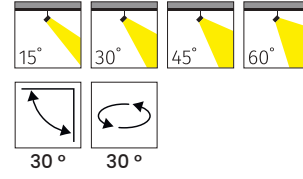
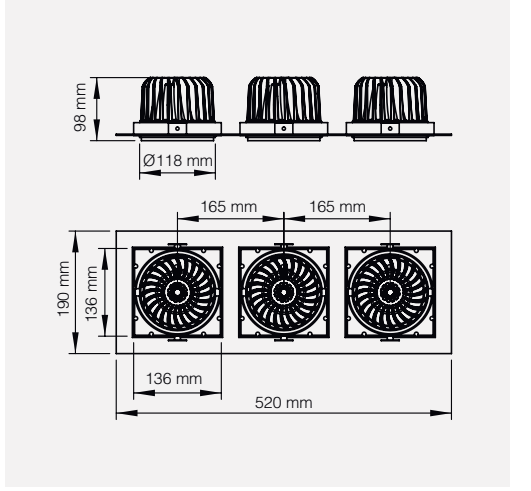
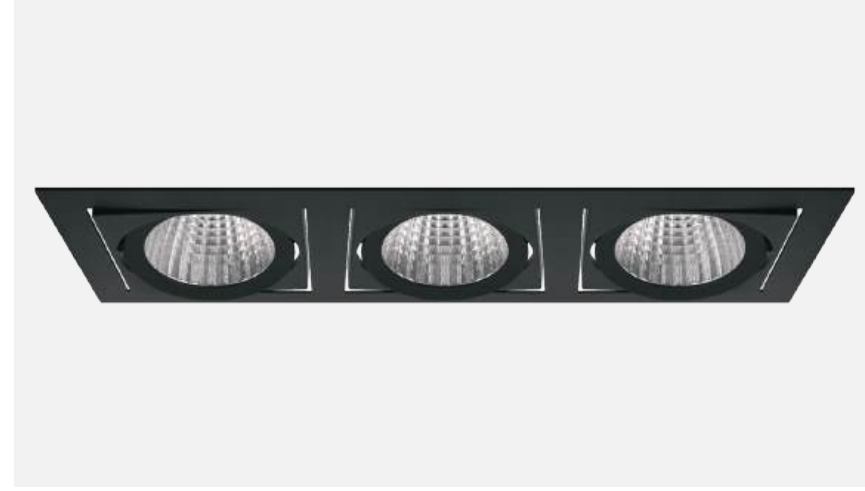
Model	Gerilim <i>Voltage</i>	Frekans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MD 131-2-118	220 V	50 Hz.	60 W	5876 lm	93,0	80 90
MD 131-2-118	220 V	50 Hz.	70 W	6512 lm	89,3	80 90



Renkler | *Colors*



MAKROLIGHT
LIGHTING STUDIO



MD 131-3-118

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli <i>Method of Application</i>	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Altı <i>Recessed</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED
Ürün Ağırlığı <i>Product Weight</i>	: 3940 - 3950 gr
Kesim Ölçüsü <i>Cut Size</i>	: 490 x 170 mm

Model	Gerilim <i>Voltage</i>	Frekans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MD 131-3-118	220 V	50 Hz.	90 W	8814 lm	93,0	80 90
MD 131-3-118	220 V	50 Hz.	105 W	9768 lm	89,3	80 90



Renkler | *Colors*

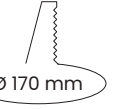
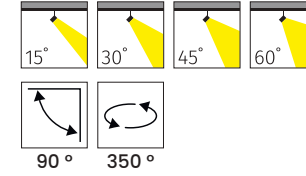
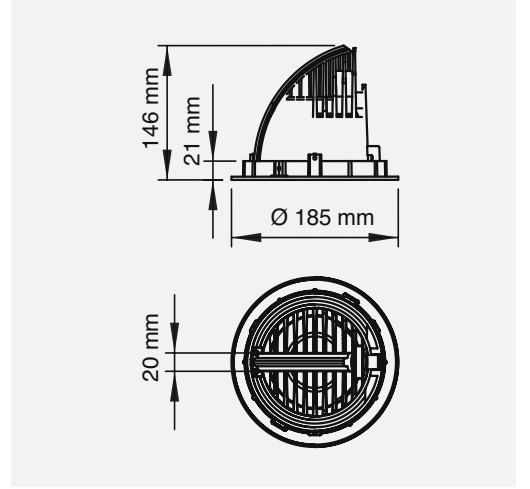


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PANA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT



MD 122-1-118

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1320 - 1330 gr
Kesim Ölçüsü Cut Size	: Ø 170 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 122-1-118	220 V	50 Hz.	30 W	2938 lm	93,0	80 90
MD 122-1-118	220 V	50 Hz.	35 W	3256 lm	89,3	80 90



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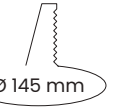
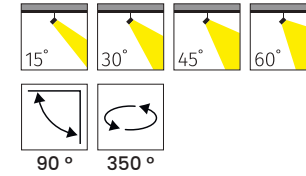
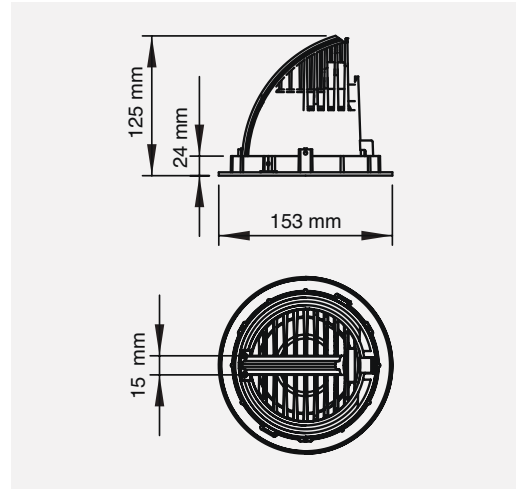
Renkler | Colors





PANA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT



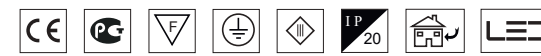
MD 122-1-100

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 895 - 905 gr
Kesim Ölçüsü Cut Size	: Ø 145 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 122-1-100	220 V	50 Hz.	20 W	1774 lm	89,2	80
MD 122-1-100	220 V	50 Hz.	30 W	2938 lm	93,0	90



Seçeneğiyle | with Options



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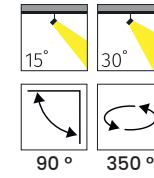
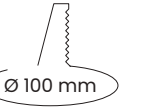
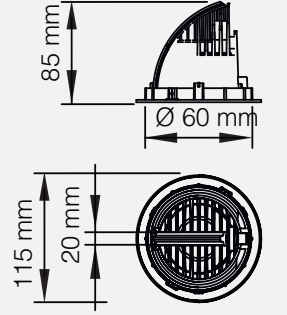
Renkler | Colors





PANA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT



MD 123-1-60

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED veya GU10 Ampul Mid Power LED or GU10 Bulb
Ürün Ağırlığı Product Weight	: 380 - 390 gr
Kesim Ölçüsü Cut Size	: Ø 100 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 123-1-60	220 V	50 Hz.	8 W	587 lm	88,1	80
MD 123-1-60	220 V	50 Hz.	10 W	654 lm	88,1	90



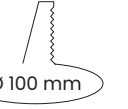
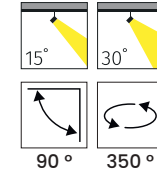
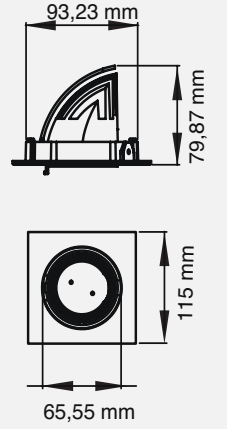
Renkler | Colors





PANA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT



MD 200-1-60

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED veya GU10 Ampul Mid Power LED or GU10 Bulb
Ürün Ağırlığı Product Weight	: 395 - 405 gr
Kesim Ölçüsü Cut Size	: Ø 100 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 200-1-60	220 V	50 Hz.	8 W	587 lm	88,1	80
MD 200-1-60	220 V	50 Hz.	10 W	654 lm	88,1	90



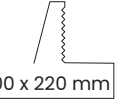
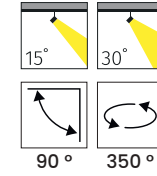
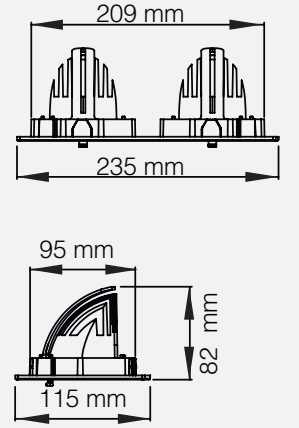
Renkler | Colors





PANA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT



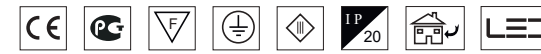
MD 200-2-60

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED veya GU10 Ampul Mid Power LED or GU10 Bulb
Ürün Ağırlığı Product Weight	: 785 - 795 gr
Kesim Ölçüsü Cut Size	: 100 x 220 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 200-2-60	220 V	50 Hz.	15 W	1242 lm	89,2	80 90
MD 200-2-60	220 V	50 Hz.	20 W	1774 lm	89,2	80 90



Seçeneğiyle | with Options



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Türkiye

Renkler | Colors

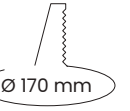
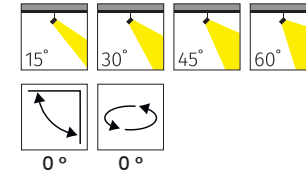
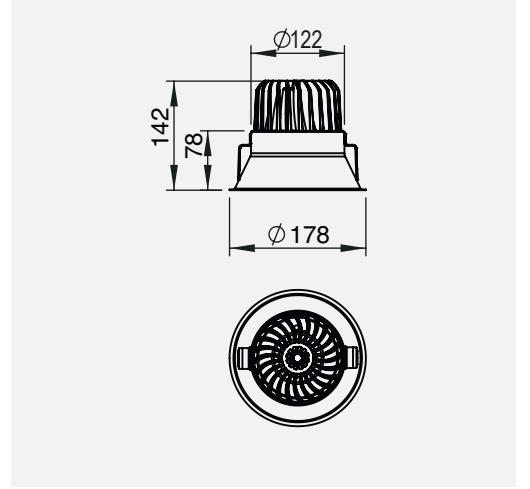




AVA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT

AVA



MD 125-118

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Siva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1215 - 1225 gr
Kesim Ölçüsü Cut Size	: Ø 170 mm

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 125-118	220 V	50 Hz.	30 W	2938 lm	93,0	80
MD 125-118	220 V	50 Hz.	35 W	3256 lm	89,3	90



Renkler | Colors

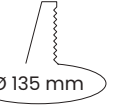
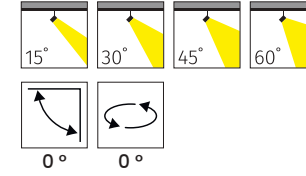
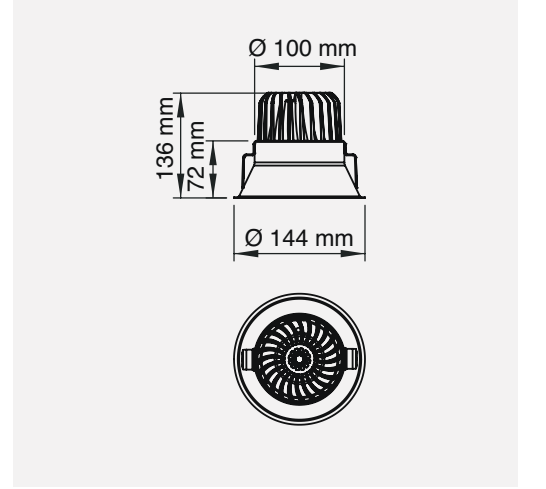




AVA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT

AVA



MD 125-100

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 975 - 985 gr
Kesim Ölçüsü Cut Size	: Ø 135 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 125-100	220 V	50 Hz.	20 W	1774 lm	89,2	80
MD 125-100	220 V	50 Hz.	30 W	2938 lm	93,0	90



Renkler | Colors

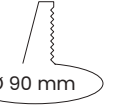
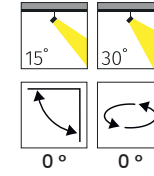
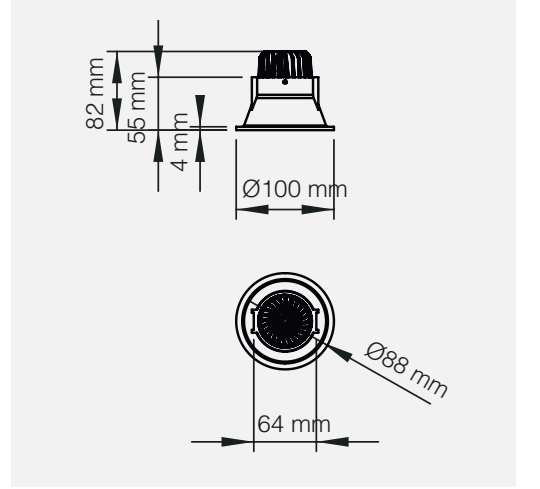




AVA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT

MAKROLIGHT
LIGHTING STUDIO



MD 125-60

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED veya GU10 Ampul Mid Power LED or GU10 Bulb
Ürün Ağırlığı Product Weight	: 325 - 335 gr
Kesim Ölçüsü Cut Size	: Ø 90 mm

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 125-60	220 V	50 Hz.	8 W	587 lm	88,1	80 90
MD 125-60	220 V	50 Hz.	10 W	654 lm	88,1	80 90

Model	Duy Lampholder	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MD 125-60	GU10	220 V	50 Hz.	5 W	460 lm	80 90
MD 125-60	GU10	220 V	50 Hz.	8 W	670 lm	80 90



Seçeneğiyle | with Options



Made in Türkiye

Renkler | Colors



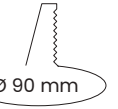
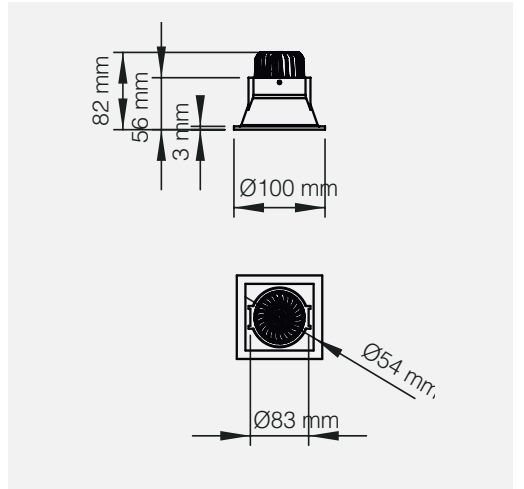
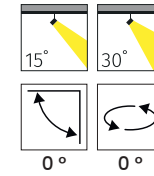
MAKROLIGHT
LIGHTING STUDIO



AVA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT

MAKROLIGHT
LIGHTING STUDIO



MD 130-60

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED veya GU10 Ampul Mid Power LED or GU10 Bulb
Ürün Ağırlığı Product Weight	: 340 - 350 gr
Kesim Ölçüsü Cut Size	: Ø 90 mm

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 130-60	220 V	50 Hz.	8 W	587 lm	88,1	80 90
MD 130-60	220 V	50 Hz.	10 W	654 lm	88,1	80 90

Model	Duy Lampholder	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MD 130-60	GU10	220 V	50 Hz.	5 W	460 lm	80 90
MD 130-60	GU10	220 V	50 Hz.	8 W	670 lm	80 90



Renkler | Colors

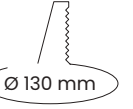
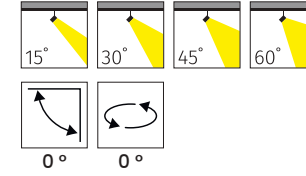
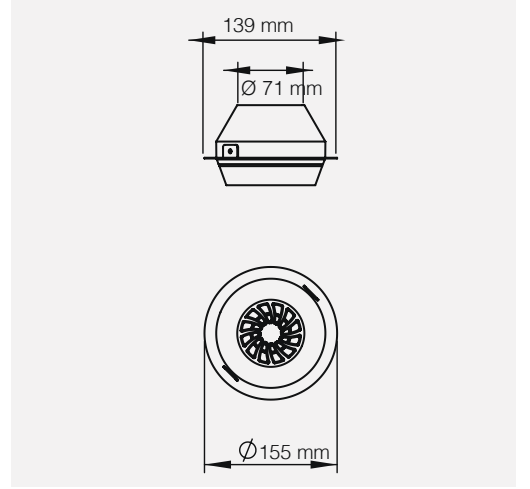


MAKROLIGHT
LIGHTING STUDIO



SATURN SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT



MD 141

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 825 - 835 gr
Kesim Ölçüsü Cut Size	: Ø 130 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 141	220 V	50 Hz.	20 W	1774 lm	89,2	80
MD 141	220 V	50 Hz.	30 W	2938 lm	93,0	90



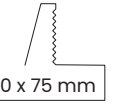
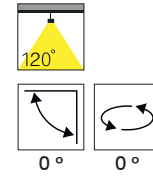
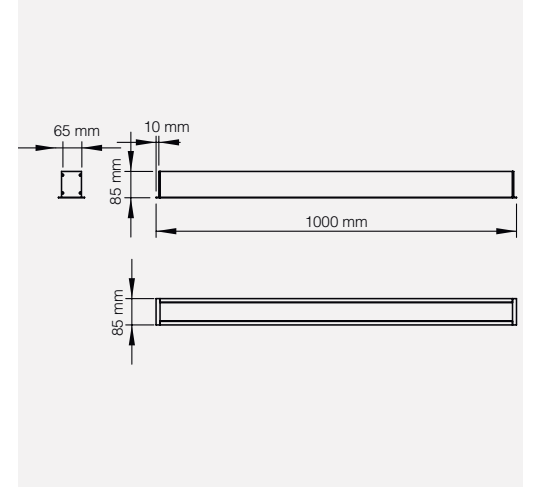
Renkler | Colors





LENA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT



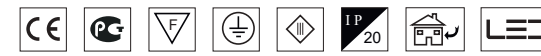
MD 604

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Mat ve opal pleksiglas seçenekleri Matte and opal plexiglas seçenekleri
Uygulama Şekli Method of Application	: LED driver ile With LED driver
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 3000 K 4000 K 5000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1665 - 1675 gr
Kesim Ölçüsü Cut Size	: 980 x 75 mm

Model	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 604	28,5 W	134 lm/w	~ 3800	80 90



Seçeneğiyle | with Options



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Renkler | Colors



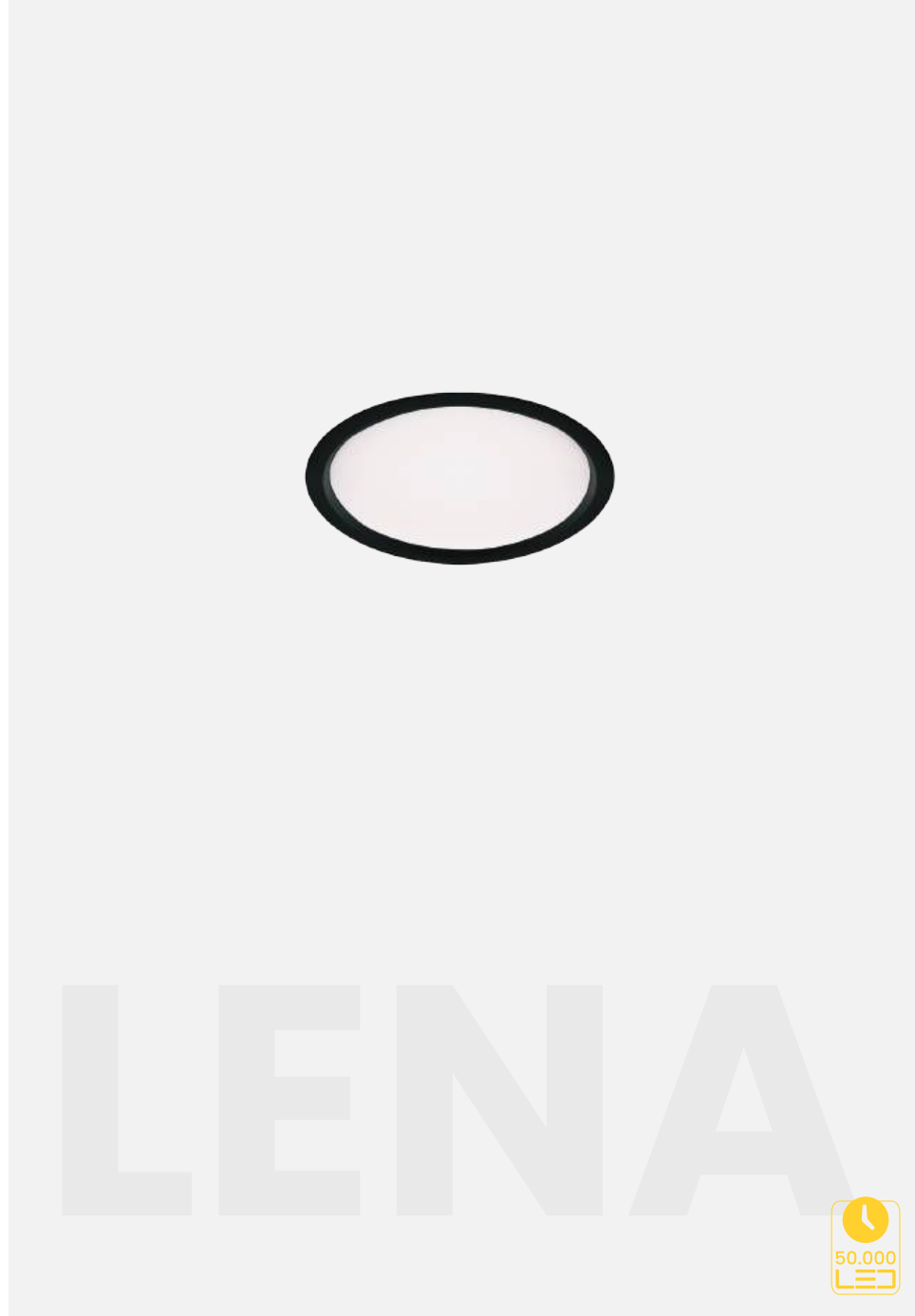
Siyah | Black



Beyaz | White

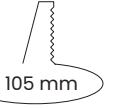
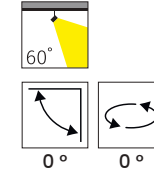
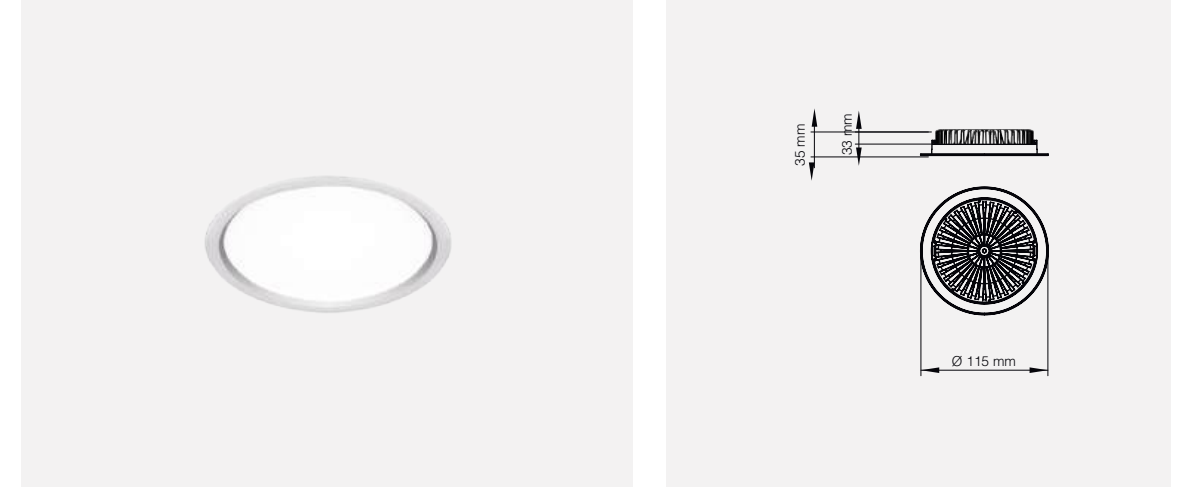


Diğer Renkler | Other Colors



LENA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT



MD 710-1-115

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Mat ve opal pleksiglas seçenekleri Matte and opal plexiglas seçenekleri
Uygulama Şekli Method of Application	: LED driver ile With LED driver
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 3000 K 4000 K 5000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 400 - 410 gr
Kesim Ölçüsü Cut Size	: Ø 105 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 710-1-115	220 V	50 Hz.	10 W	1389 lm	89,2	80 90



Seçeneğiyle | with Options



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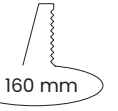
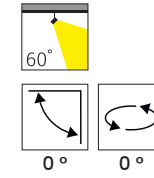
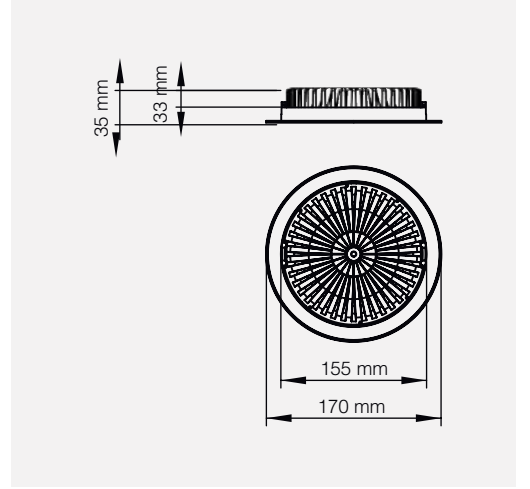
Renkler | Colors





LENA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT



MD 710-2-170

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Mat ve opal pleksiglas seçenekleri Matte and opal plexiglas seçenekleri
Uygulama Şekli Method of Application	: LED driver ile With LED driver
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 3000 K 4000 K 5000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 475 - 485 gr
Kesim Ölçüsü Cut Size	: Ø 160 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 710-2-170	220 V	50 Hz.	20 W	1774 lm	89,2	80 90



Seçeneğiyle | with Options



Made in
Türkiye

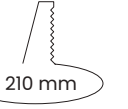
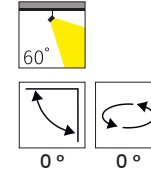
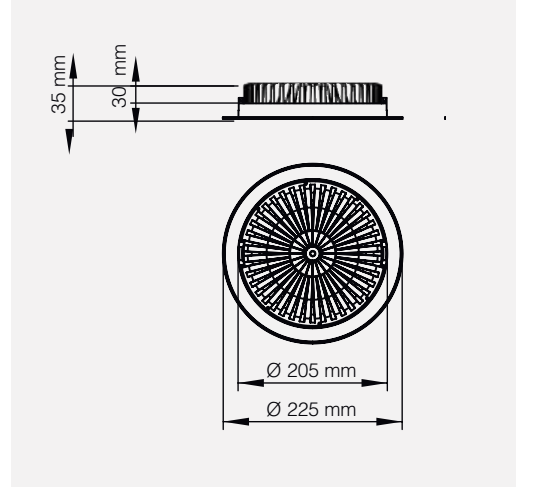
Renkler | Colors





LENA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT



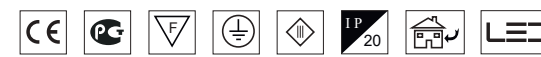
MD 710-3-225

Tasarım | Design : by Makrolight

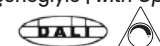
Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Mat ve opal pleksiglas seçenekleri Matte and opal plexiglas seçenekleri
Uygulama Şekli Method of Application	: LED driver ile With LED driver
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 3000 K 4000 K 5000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 595 - 605 gr
Kesim Ölçüsü Cut Size	: Ø 210 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 710-3-225	220 V	50 Hz.	30 W	2938 lm	93,0	80 90



Seçeneğiyle | with Options



Made in
Türkiye

Renkler | Colors



Siyah | Black



Beyaz | White



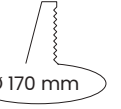
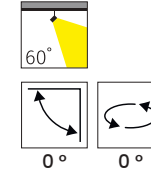
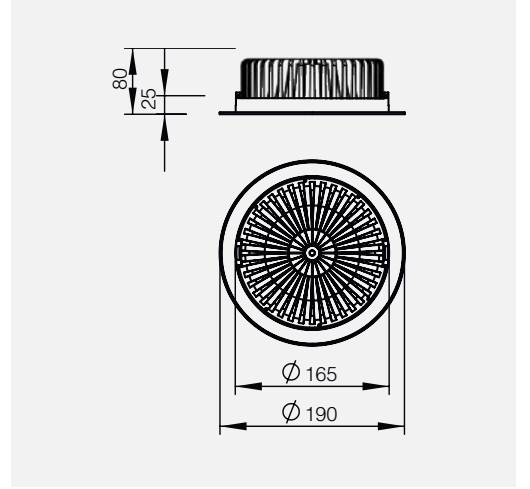
Diğer Renkler | Other Colors





ALVARO SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT



MD 800-185

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 820 - 840 gr
Kesim Ölçüsü Cut Size	: Ø 170 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 800-185	220 V	50 Hz.	15 W	1350 lm	92,0	
MD 800-185	220 V	50 Hz.	20 W	1774 lm	89,4	80
MD 800-185	220 V	50 Hz.	30 W	2938 lm	93,0	90



Seçeneğiyle | with Options



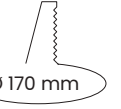
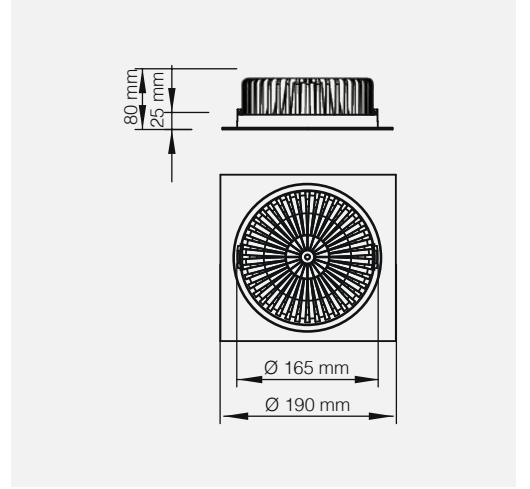
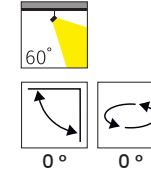
Made in
Türkiye

Renkler | Colors



**ALVARO SERİSİ | SERIES**

SIVA ALTI SPOT | RECESSED SPOT

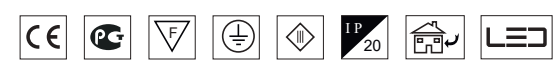
**MD 801-190**

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 915 - 925 gr
Kesim Ölçüsü Cut Size	: Ø 170 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 801-190	220 V	50 Hz.	15 W	1350 lm	92,0	
MD 801-190	220 V	50 Hz.	20 W	1774 lm	89,4	80
MD 801-190	220 V	50 Hz.	30 W	2938 lm	93,0	90



Seçeneğiyle | with Options

Made in
Türkiye

Renkler | Colors

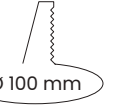
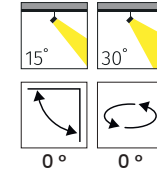
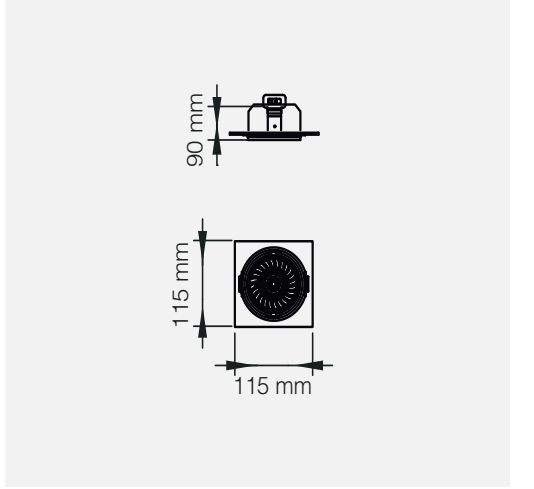




TINTA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT

MAKROLIGHT
LIGHTING STUDIO



MD 616-1

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED veya GU10 Ampul Mid Power LED or GU10 Bulb
Ürün Ağırlığı Product Weight	: 260 - 270 gr
Kesim Ölçüsü Cut Size	: Ø 100 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 616-1	220 V	50 Hz.	8 W	587 lm	88,1	80 90
MD 616-1	220 V	50 Hz.	10 W	654 lm	88,1	80 90

Model	Duy Lampholder	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MD 616-1	GU10	220 V	50 Hz.	5 W	460 lm	80 90
MD 616-1	GU10	220 V	50 Hz.	8 W	670 lm	80 90



Renkler | Colors



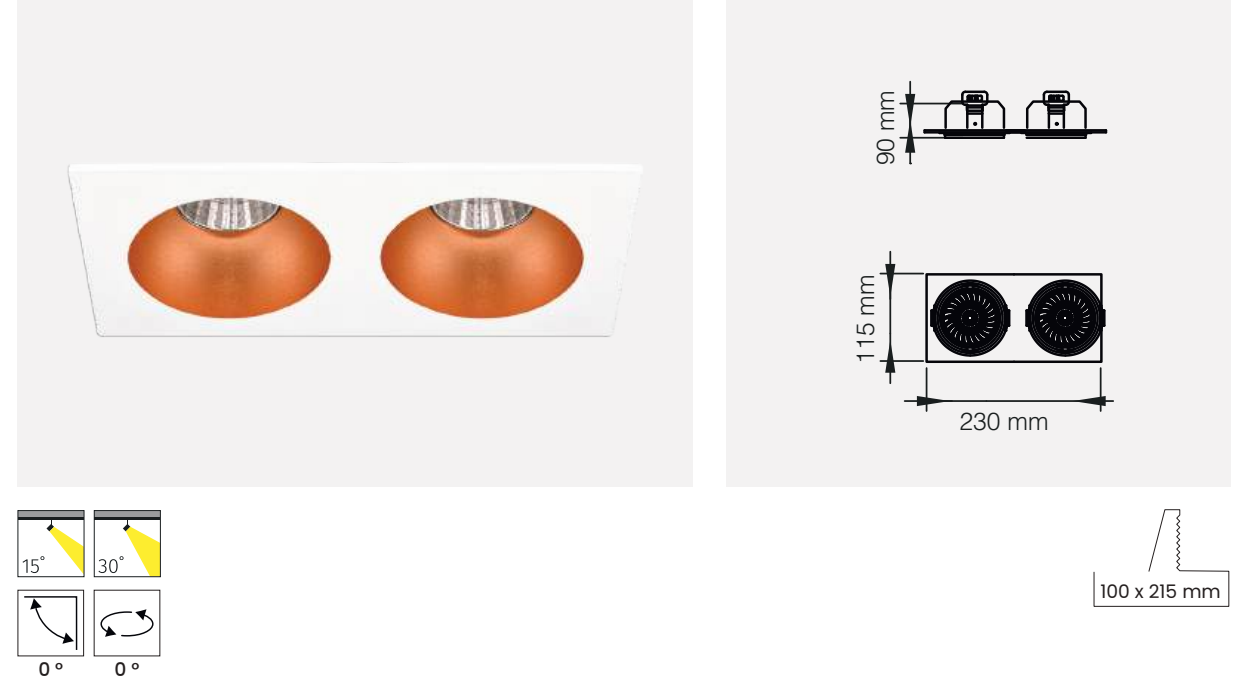
MAKROLIGHT
LIGHTING STUDIO



TINTA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT

MAKROLIGHT
LIGHTING STUDIO



MD 616-2

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED veya GU10 Ampul Mid Power LED or GU10 Bulb
Ürün Ağırlığı Product Weight	: 520 - 530 gr
Kesim Ölçüsü Cut Size	: 100 x 215 mm

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 616-2	220 V	50 Hz.	15 W	1242 lm	88,1	80 90
MD 616-2	220 V	50 Hz.	20 W	1774 lm	88,1	80 90

Model	Duy Lampholder	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MD 616-2	GU10	220 V	50 Hz.	2 x 5 W	920 lm	80 90
MD 616-2	GU10	220 V	50 Hz.	2 x 8 W	1340 lm	80 90



Renkler | Colors



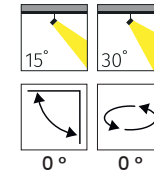
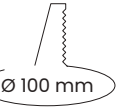
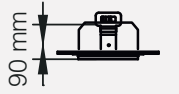
MAKROLIGHT
LIGHTING STUDIO



TINTA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT

MAKROLIGHT
LIGHTING STUDIO



MD 617-1

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED veya GU10 Ampul Mid Power LED or GU10 Bulb
Ürün Ağırlığı Product Weight	: 245 - 255 gr
Kesim Ölçüsü Cut Size	: Ø 100 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 617-1	220 V	50 Hz.	8 W	587 lm	88,1	80 90
MD 617-1	220 V	50 Hz.	10 W	654 lm	88,1	80 90

Model	Duy Lampholder	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MD 617-1	GU10	220 V	50 Hz.	5 W	460 lm	80 90
MD 617-1	GU10	220 V	50 Hz.	8 W	670 lm	80 90



Renkler | Colors



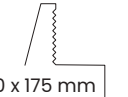
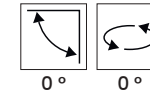
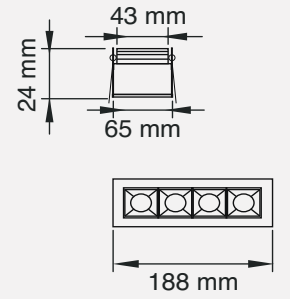
MAKROLIGHT
LIGHTING STUDIO



BRUNA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT

MAKROLIGHT
LIGHTING STUDIO



MD 621-4

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Parlak bitişli ve kamaşma önleyici, simetrik ışık çıkışı sağlayan dar, orta ve geniş açı seçenekli High polished ant glare, narrow, medium and wide beam angle options available with rotationally symmetric light distribution
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 350 - 360 gr
Kesim Ölçüsü Cut Size	: 50 x 175 mm

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 621-4	220 V	50 Hz.	5,93 W	1040 lm	88,1	80 90



Seçeneğiyle | with Options



Made in Türkiye

Renkler | Colors



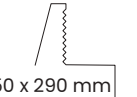
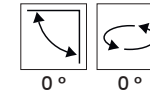
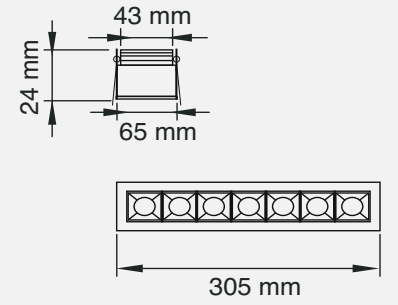
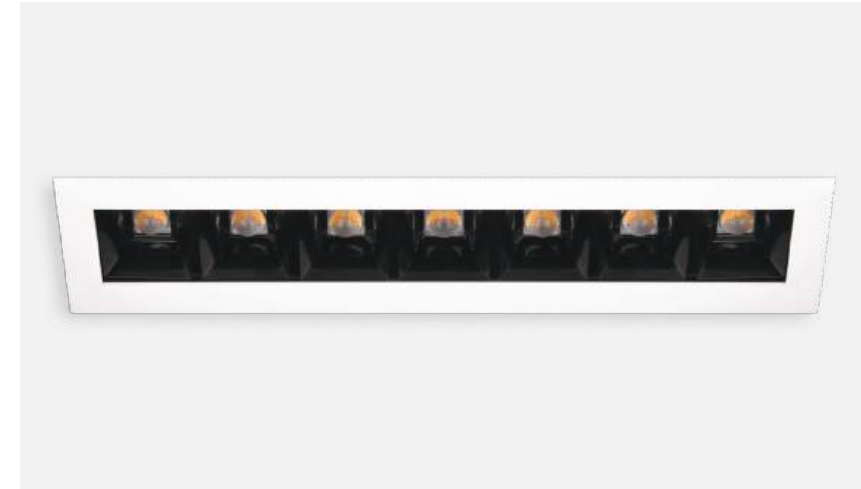
MAKROLIGHT
LIGHTING STUDIO



BRUNA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT

MAKROLIGHT
LIGHTING STUDIO



MD 621-7

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Parlak bitişli ve kamaşma önleyici, simetrik ışık çıkışı sağlayan dar, orta ve geniş açı seçeneği High polished antiglare, narrow, medium and wide beam angle options available with rotationally symmetric light distribution
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 490 - 500 gr
Kesim Ölçüsü Cut Size	: 50 x 290 mm

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 621-7	220 V	50 Hz.	11,2 W	1820 lm	88,1	80 90



Seçeneğiyle | with Options



Made in
Türkiye

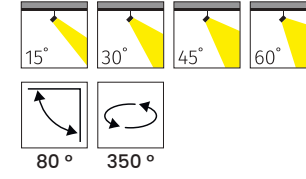
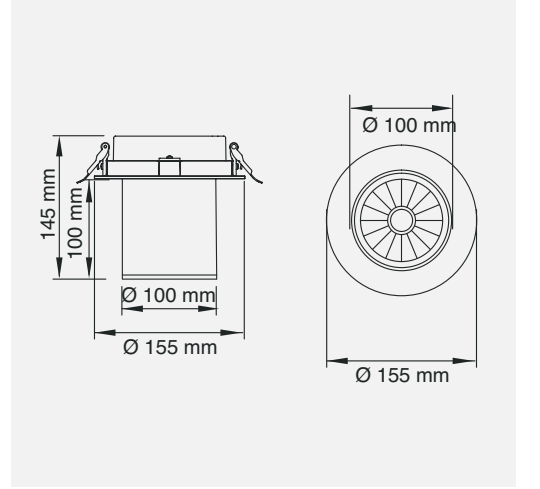
Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO

**VIGGO SERİSİ | SERIES**

SIVA ALTI SPOT | RECESSED SPOT

**MD 900-100**

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1090 - 1100 gr
Kesim Ölçüsü Cut Size	: Ø 145 mm

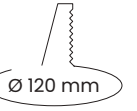
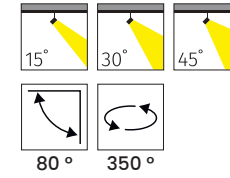
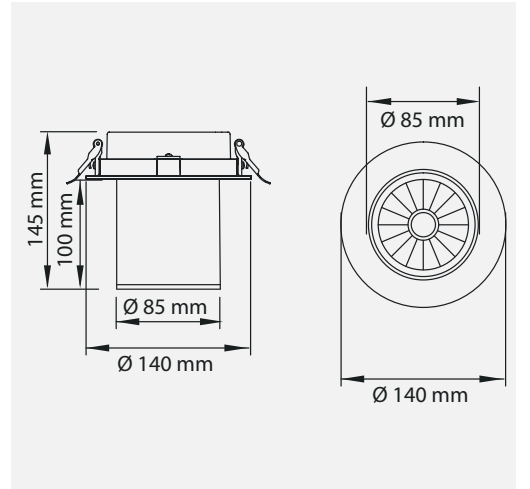
Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 900-100	220 V	50 Hz.	30 W	2938 lm	93,0	80 90
MD 900-100	220 V	50 Hz.	35 W	3256 lm	89,3	80 90

**Renkler | Colors**



VIGGO SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT



MD 900-85

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 950 - 960 gr
Kesim Ölçüsü Cut Size	: Ø 120 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 900-85	220 V	50 Hz.	15 W	1242 lm	89,2	80 90
MD 900-85	220 V	50 Hz.	20 W	1774 lm	89,2	80 90



Renkler | Colors

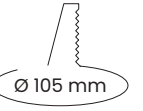
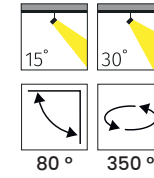
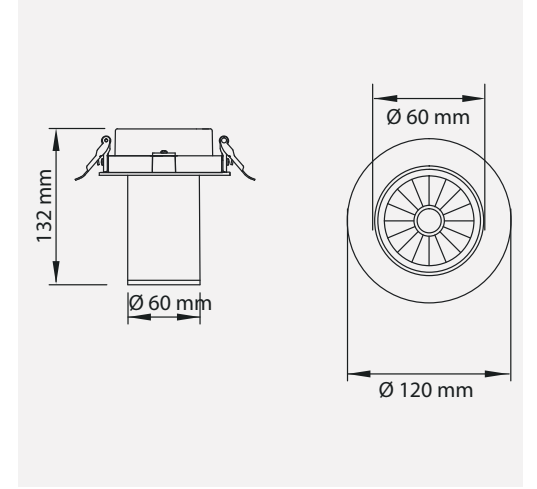




VIGGO SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT

MAKROLIGHT
LIGHTING STUDIO



MD 900-60

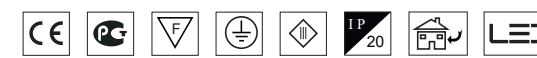
Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED veya GU10 Ampul Mid Power LED or GU10 Bulb
Ürün Ağırlığı Product Weight	: 420 - 430 gr
Kesim Ölçüsü Cut Size	: Ø 105 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 900-60	220 V	50 Hz.	8 W	587 lm	88,1	80 90
MD 900-60	220 V	50 Hz.	10 W	654 lm	88,1	80 90

Model	Duy Lampholder	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MD 900-60	GU10	220 V	50 Hz.	5 W	460 lm	80 90
MD 900-60	GU10	220 V	50 Hz.	8 W	670 lm	80 90



Seçeneğiyle | with Options



Made in Türkiye

Renkler | Colors

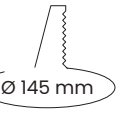
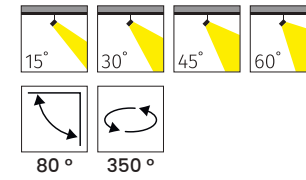
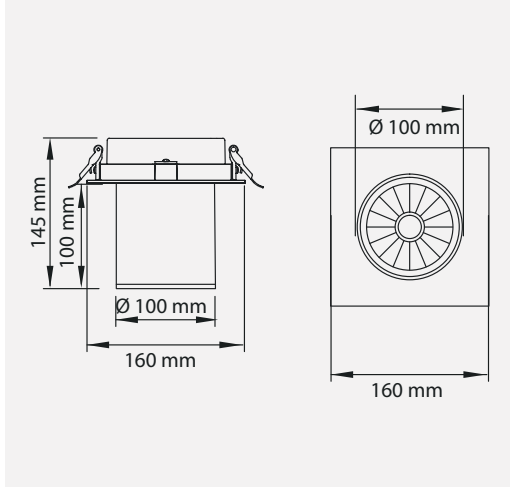


MAKROLIGHT
LIGHTING STUDIO



VIGGO SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT



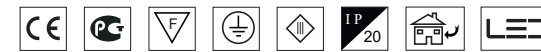
MD 901-100

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1090 - 1100 gr
Kesim Ölçüsü Cut Size	: Ø 145 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 901-100	220 V	50 Hz.	30 W	2938 lm	93,0	80 90
MD 901-100	220 V	50 Hz.	35 W	3256 lm	89,3	80 90



Seçeneğiyle | with Options



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Türkiye

Renkler | Colors

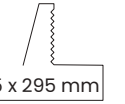
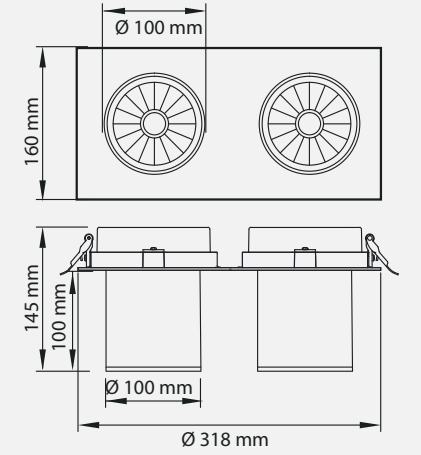
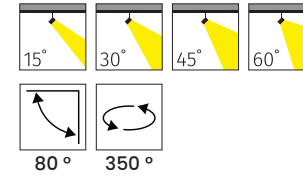




VIGGO SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT

MAKROLIGHT
LIGHTING STUDIO



MD 901-2-100

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 2180 - 2190 gr
Kesim Ölçüsü Cut Size	: 145 x 295 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 901-2-100	220 V	50 Hz.	2 x 30 W	2938 lm	93,0	80 90
MD 901-2-100	220 V	50 Hz.	2 x 35 W	3256 lm	89,3	80 90



Seçeneğiyle | with Options



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Türkiye

Renkler | Colors

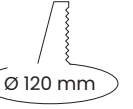
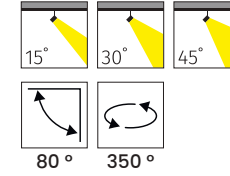
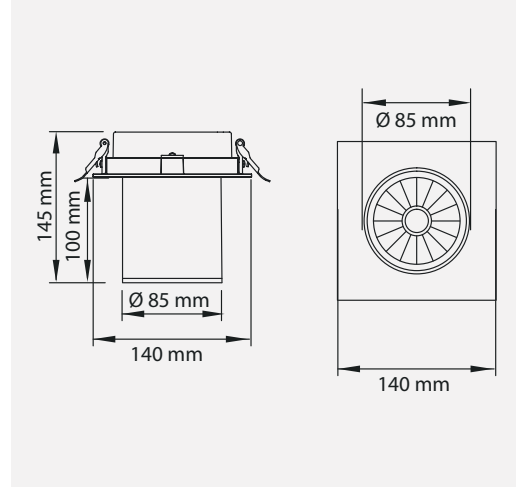


MAKROLIGHT
LIGHTING STUDIO



VIGGO SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT



MD 901-85

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 950 - 960 gr
Kesim Ölçüsü Cut Size	: Ø 120 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 901-85	220 V	50 Hz.	15 W	1242 lm	89,2	80
MD 901-85	220 V	50 Hz.	20 W	1774 lm	89,2	90



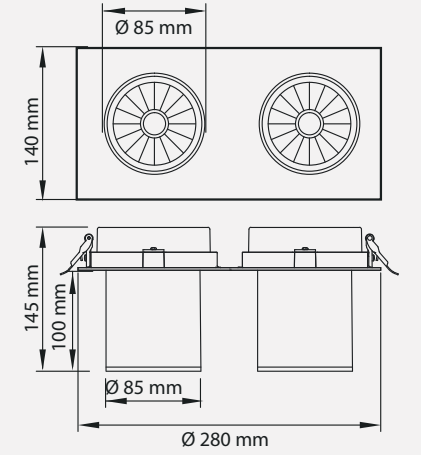
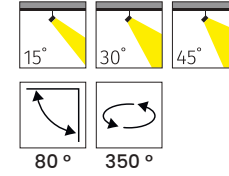
Renkler | Colors





VIGGO SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT



MD 901-2-85

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1900 - 1910 gr
Kesim Ölçüsü Cut Size	: 120 - 265 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 901-2-85	220 V	50 Hz.	30 W	2530 lm	93,0	80 90
MD 901-2-85	220 V	50 Hz.	40 W	3537 lm	85,3	80 90



Seçeneğiyle | with Options



Made in
Türkiye

Renkler | Colors

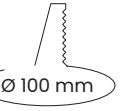
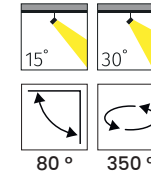
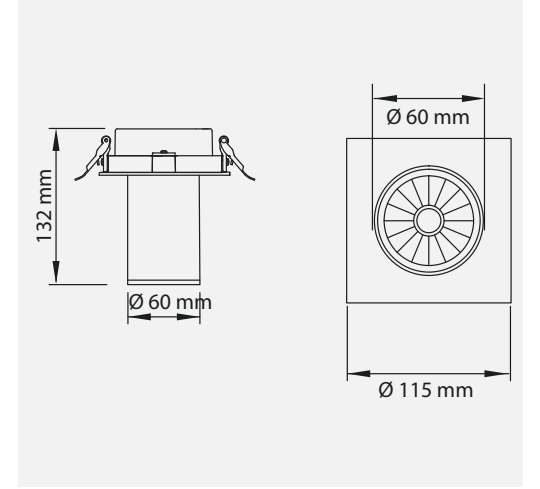




VIGGO SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT

MAKROLIGHT
LIGHTING STUDIO



MD 901-1-60

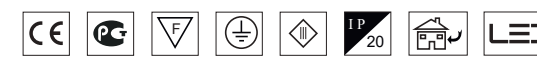
Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Siva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED veya GU10 Ampul Mid Power LED or GU10 Bulb
Ürün Ağırlığı Product Weight	: 420 - 430 gr
Kesim Ölçüsü Cut Size	: Ø 100 mm

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 901-1-60	220 V	50 Hz.	8 W	587 lm	88,1	80 90
MD 901-1-60	220 V	50 Hz.	10 W	654 lm	88,1	80 90

Model	Duy Lampholder	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MD 901-1-60	GU10	220 V	50 Hz.	5 W	460 lm	80 90
MD 901-1-60	GU10	220 V	50 Hz.	8 W	670 lm	80 90



Seçeneğiyle | with Options



Made in Türkiye

Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



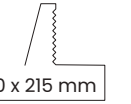
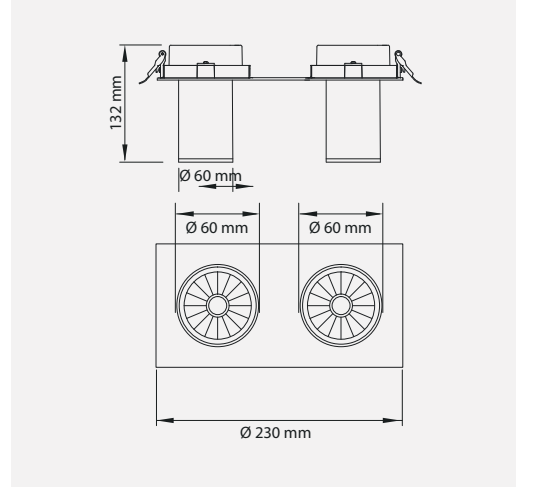
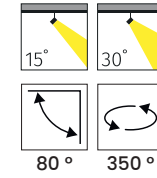
VIGGO



VIGGO SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT

MAKROLIGHT
LIGHTING STUDIO



MD 901-2-60

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED veya GU10 Ampul Mid Power LED or GU10 Bulb
Ürün Ağırlığı Product Weight	: 840 - 850 gr
Kesim Ölçüsü Cut Size	: 100 x 215 mm

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 901-2-60	220 V	50 Hz.	15 W	1242 lm	89,2	80 90
MD 901-2-60	220 V	50 Hz.	20 W	1774 lm	89,2	80 90

Model	Duy Lampholder	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MD 901-2-60	GU10	220 V	50 Hz.	2 x 5 W	920 lm	80 90
MD 901-2-60	GU10	220 V	50 Hz.	2 x 8 W	1340 lm	80 90



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



LINDA SERİSİ | SERIES

SIVA ALTI SPOT | RECESSED SPOT

MAKROLIGHT
LIGHTING STUDIO

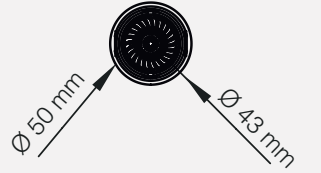
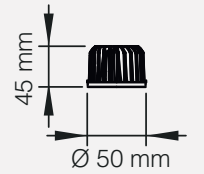
LINDA

MD 103

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Altı Recessed
Işık Kaynağı Source of Light	: Mid Power LED veya GU10 Ampul Mid Power LED or GU10 Bulb



Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MD 103-1-60	220 V	50 Hz.	8 W	587 lm	88,1	80 90
MD 103-1-60	220 V	50 Hz.	10 W	654 lm	88,1	80 90



Renkler | Colors



Siyah | Black



Beyaz | White



Diğer Renkler | Other Colors

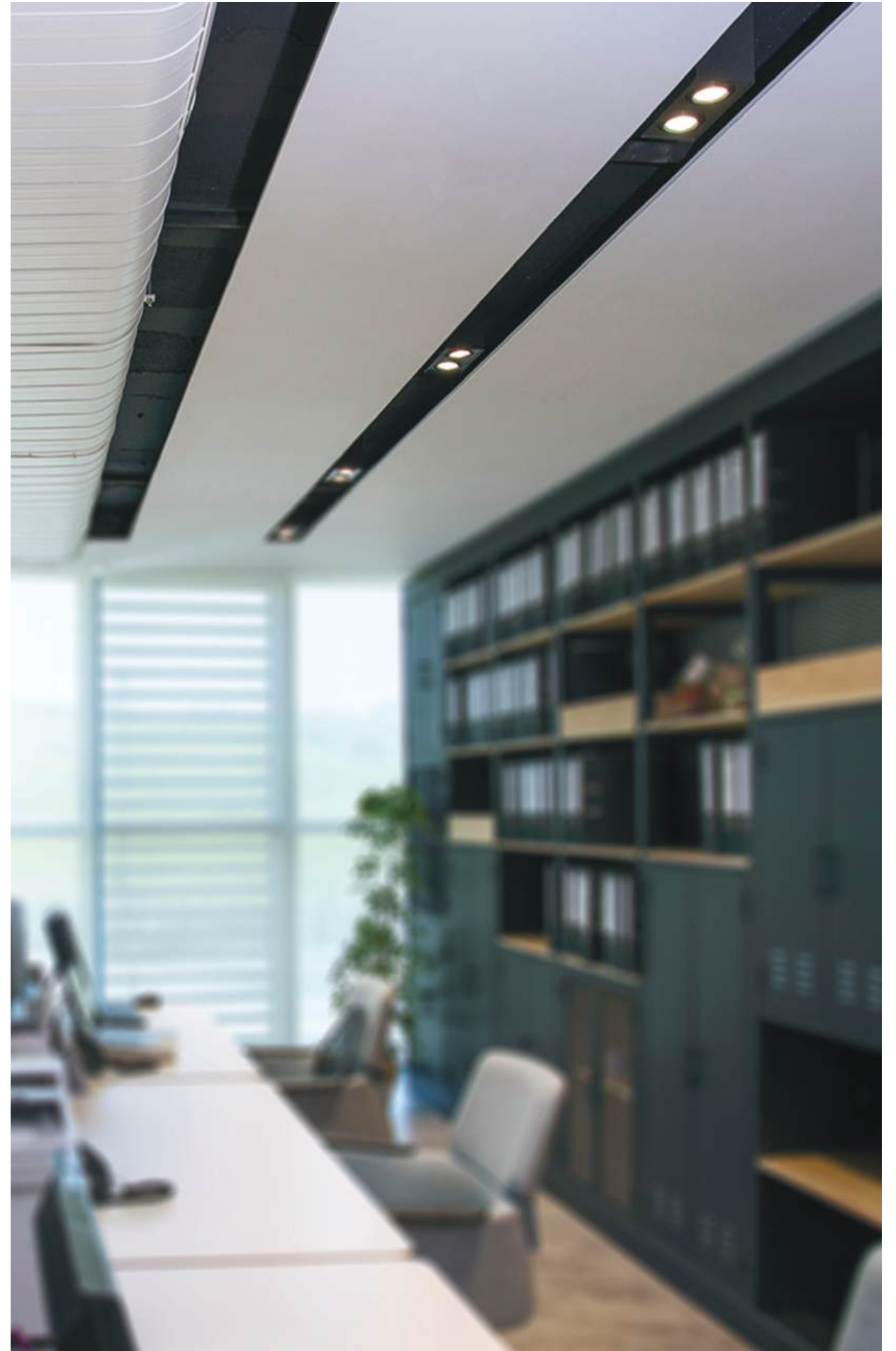
Seçeneğiyle | with Options



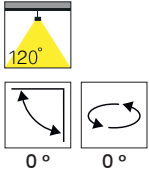
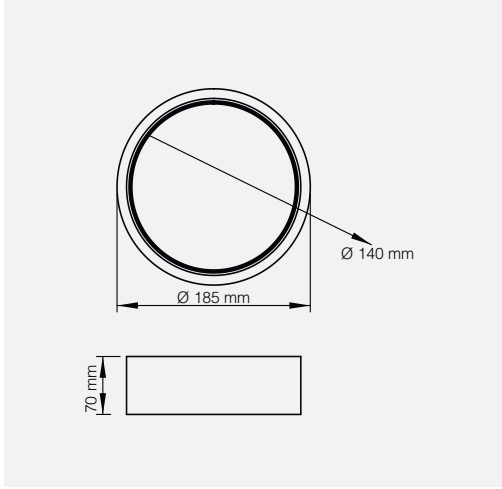
Made in Türkiye

MAKROLIGHT
LIGHTING STUDIO

SIVA ÜSTÜ *surface mounted* SPOT







MS 500-1

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Mat ve opal pleksiglas seçenekleri <i>Matte and opal plexiglas seçenekleri</i>
Uygulama Şekli <i>Method of Application</i>	: LED driver ile <i>With LED driver</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Üstü <i>Surface Mounted</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MS 501-1	220 V	50 Hz.	20 W	2938 lm	93,0	80 90



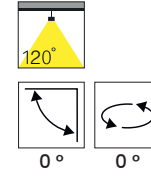
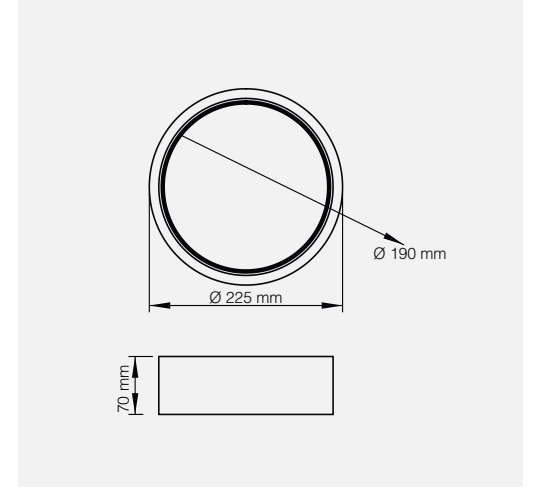
Seçeneğiyle | *with Options*



Renkler | *Colors*



MAKROLIGHT
LIGHTING STUDIO



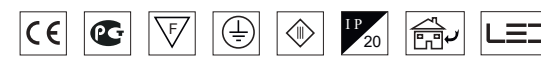
MS 500-2

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Mat ve opal pleksiglas seçenekleri <i>Matte and opal plexiglas seçenekleri</i>
Uygulama Şekli <i>Method of Application</i>	: LED driver ile <i>With LED driver</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Üstü <i>Surface Mounted</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MS 501-2	220 V	50 Hz.	30 W	1774 lm	89,2	80 90



Seçeneğiyle | *with Options*



Renkler | *Colors*



MAKROLIGHT
LIGHTING STUDIO

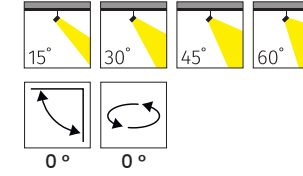
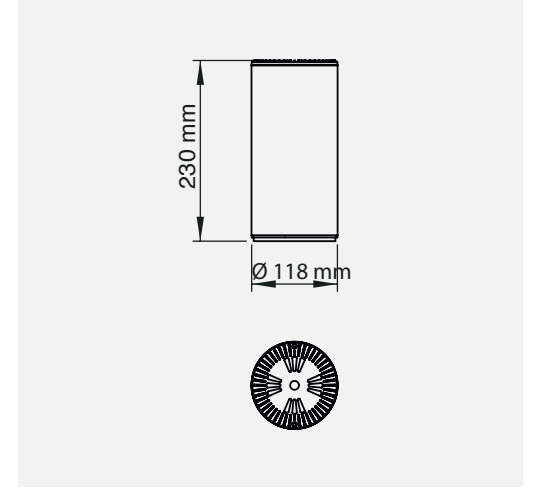


TINA SERİSİ | SERIES

SIVA ÜSTÜ SPOT | SURFACE MOUNTED SPOT

MAKROLIGHT
LIGHTING STUDIO

A Z I F



MS 605-118

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Üstü Surface Mounted
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 390 - 405 gr

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MS 605-118	220 V	50 Hz.	30 W	2938 lm	93,0	80 90
MS 605-118	220 V	50 Hz.	35 W	3256 lm	89,3	80 90



Seçeneğiyle | with Options



Made in
Türkiye

Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO

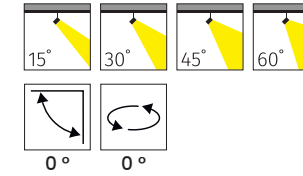
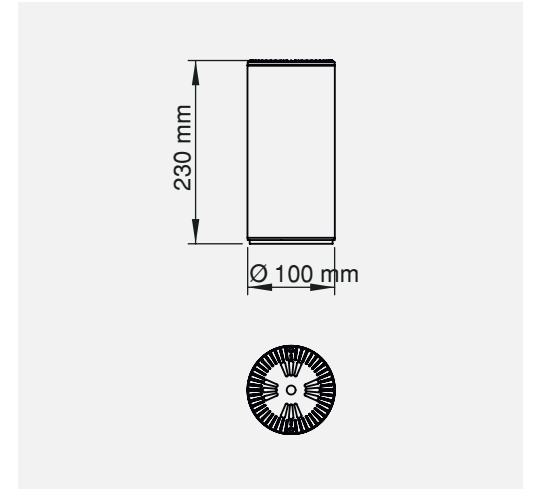


TINA SERİSİ | SERIES

SIVA ÜSTÜ SPOT | SURFACE MOUNTED SPOT

MAKROLIGHT
LIGHTING STUDIO

MAKROLIGHT



MS 605-100

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Üstü Surface Mounted
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 390 - 405 gr

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MS 605-100	220 V	50 Hz.	20 W	1774 lm	89,2	80
MS 605-100	220 V	50 Hz.	30 W	2938 lm	93,0	90



Seçeneğiyle | with Options



Made in
Türkiye

Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO

YENİ
New

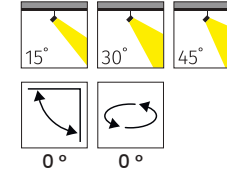
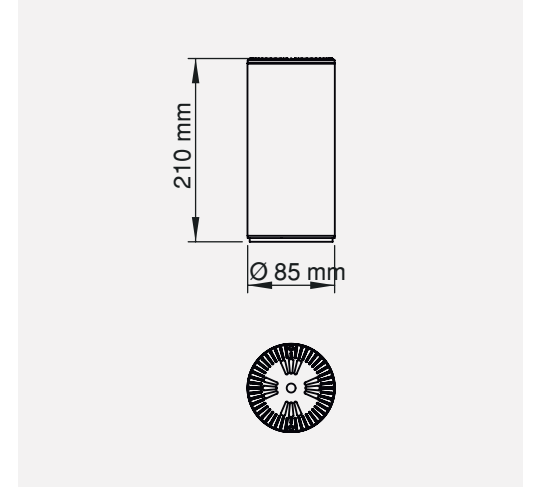


TINA SERİSİ | SERIES

SIVA ÜSTÜ SPOT | SURFACE MOUNTED SPOT

MAKROLIGHT
LIGHTING STUDIO

A
Z
F



MS 605-85

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Üstü Surface Mounted
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 395 - 405 gr

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MS 605-85	220 V	50 Hz.	15 W	1242 lm	89,2	80 90
MS 605-85	220 V	50 Hz.	20 W	1774 lm	89,2	80 90



Seçeneğiyle | with Options



Made in
Türkiye

Renkler | Colors



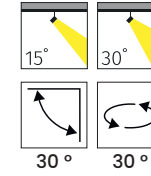
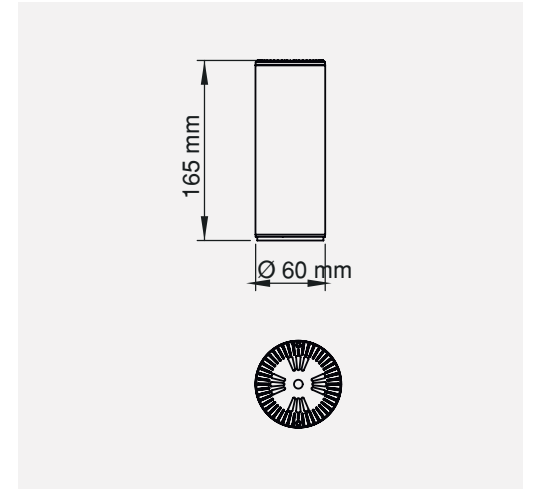
MAKROLIGHT
LIGHTING STUDIO



TINA SERİSİ | SERIES

SIVA ÜSTÜ SPOT | SURFACE MOUNTED SPOT

MAKROLIGHT
LIGHTING STUDIO



MS 605-60

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Üstü Surface Mounted
Işık Kaynağı Source of Light	: Mid Power LED veya GU10 Ampul Mid Power LED or GU10 Bulb
Ürün Ağırlığı Product Weight	: 270 - 280 gr

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MS 605-60	220 V	50 Hz.	8 W	587 lm	88,1	80 90
MS 605-60	220 V	50 Hz.	10 W	654 lm	88,1	80 90

Model	Duy Lampholder	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MS 605-60	GU10	220 V	50 Hz.	5 W	460 lm	80 90
MS 605-60	GU10	220 V	50 Hz.	8 W	670 lm	80 90



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO

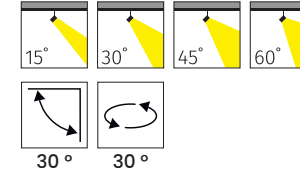
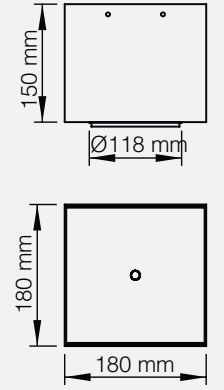


STINIA



CARLA SERİSİ | SERIES

SIVA ÜSTÜ SPOT | SURFACE MOUNTED SPOT



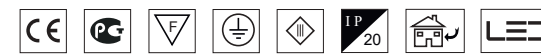
MS 612-1-118

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Üstü Surface Mounted
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 2475 - 2485 gr

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MS 612-1-118	220 V	50 Hz.	30 W	2938 lm	93,0	80 90
MS 612-1-118	220 V	50 Hz.	35 W	3256 lm	89,3	80 90



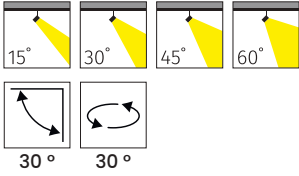
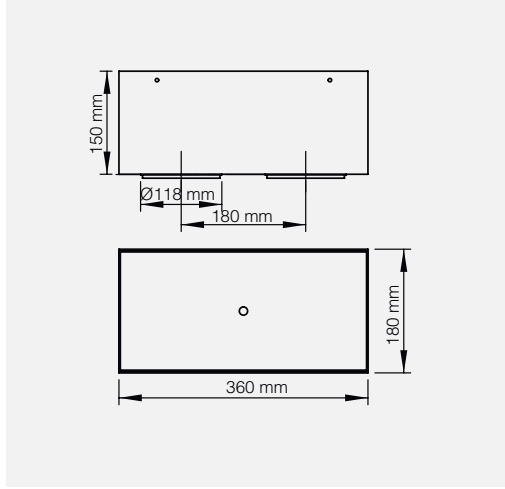
Seçeneğiyle | with Options



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Türkiye

Renkler | Colors





MS 612-2-118

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Aluminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli <i>Method of Application</i>	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Üstü <i>Surface Mounted</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED
Ürün Ağırlığı <i>Product Weight</i>	: 4960 – 4970 gr

Model	Gerilim <i>Voltage</i>	Frenkans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MS 612-2-118	220 V	50 Hz.	60 W	5876 lm	93,0	80 90
MS 612-2-118	220 V	50 Hz.	70 W	6512 lm	89,3	80 90



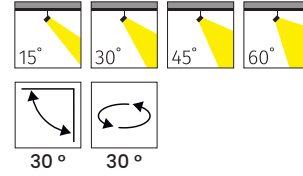
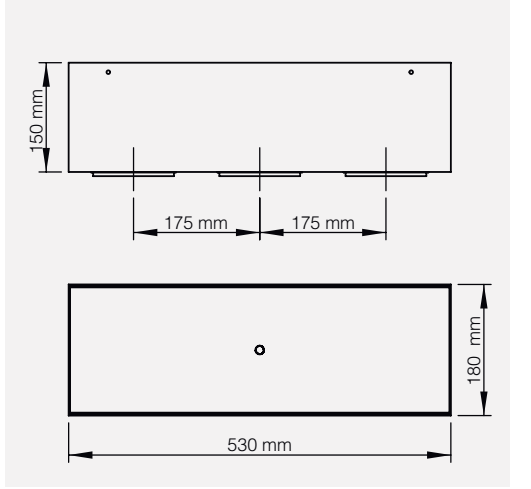
Seçeneğiyle | *with Options*



Renkler | *Colors*



MAKROLIGHT
LIGHTING STUDIO



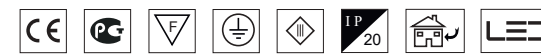
MS 612-3-118

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Aluminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli <i>Method of Application</i>	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Üstü <i>Surface Mounted</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED
Ürün Ağırlığı <i>Product Weight</i>	: 7445 – 7455 gr

Model	Gerilim <i>Voltage</i>	Frenkans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MS 612-3-118	220 V	50 Hz.	90 W	8814 lm	93,0	80 90
MS 612-3-118	220 V	50 Hz.	105 W	9768 lm	89,3	80 90



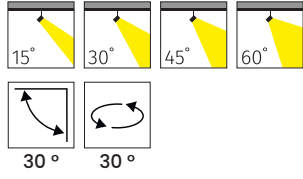
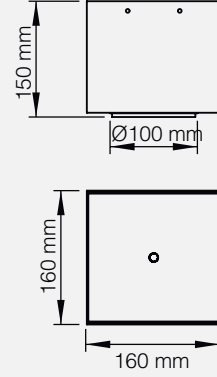
Seçeneğiyle | *with Options*



Renkler | *Colors*



MAKROLIGHT
LIGHTING STUDIO



MS 612-1-100

Tasarım | *Design* : by Makrolight

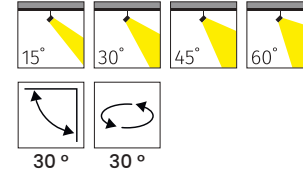
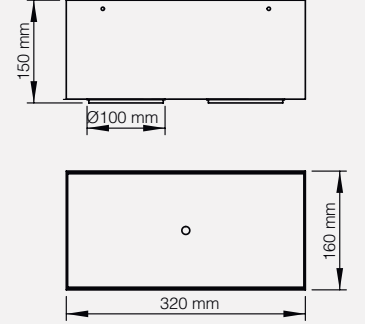
Özellikler | *Properties*

Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli <i>Method of Application</i>	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Üstü <i>Surface Mounted</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED
Ürün Ağırlığı <i>Product Weight</i>	: 2055 - 2065 gr

Model	Gerilim <i>Voltage</i>	Frenkans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MS 612-1-100	220 V	50 Hz.	30 W	2938 lm	93,0	80 90
MS 612-1-100	220 V	50 Hz.	35 W	3256 lm	89,3	80 90



Renkler | *Colors*



MS 612-2-100

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

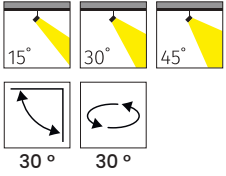
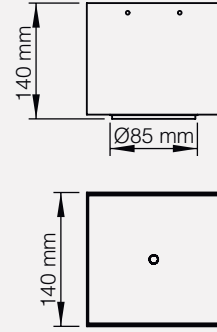
Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli <i>Method of Application</i>	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Üstü <i>Surface Mounted</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED
Ürün Ağırlığı <i>Product Weight</i>	: 4390 - 4400 gr

Model	Gerilim <i>Voltage</i>	Frenkans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MS 612-2-100	220 V	50 Hz.	60 W	5876 lm	93,0	80 90
MS 612-2-100	220 V	50 Hz.	70 W	6512 lm	89,3	80 90



Renkler | *Colors*





MS 612-1-85

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Aluminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli <i>Method of Application</i>	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Üstü <i>Surface Mounted</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED
Ürün Ağırlığı <i>Product Weight</i>	: 1410 – 1420 gr

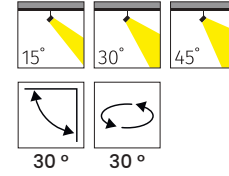
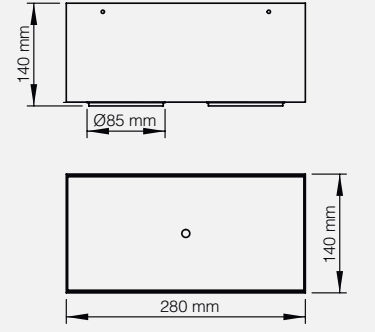
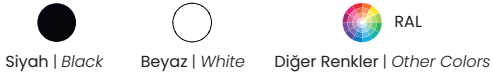
Model	Gerilim <i>Voltage</i>	Frenkans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MS 612-1-85	220 V	50 Hz.	30 W	2938 lm	93,0	80 90
MS 612-1-85	220 V	50 Hz.	35 W	3256 lm	89,3	80 90



Seçeneğiyle | *with Options*



Renkler | *Colors*



MS 612-2-85

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Aluminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli <i>Method of Application</i>	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Üstü <i>Surface Mounted</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED
Ürün Ağırlığı <i>Product Weight</i>	: 3200 – 3210 gr

Model	Gerilim <i>Voltage</i>	Frenkans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MS 612-2-85	220 V	50 Hz.	60 W	5876 lm	93,0	80 90
MS 612-2-85	220 V	50 Hz.	70 W	6512 lm	89,3	80 90



Seçeneğiyle | *with Options*



Renkler | *Colors*

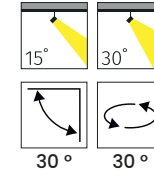
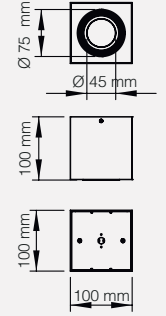




CARLA SERİSİ | SERIES

SIVA ÜSTÜ SPOT | SURFACE MOUNTED SPOT

MAKROLIGHT
LIGHTING STUDIO



MS 612-1-60

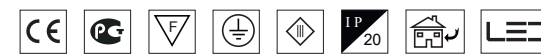
Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Üstü Surface Mounted
Işık Kaynağı Source of Light	: Mid Power LED veya GU10 Ampul Mid Power LED or GU10 Bulb
Ürün Ağırlığı Product Weight	: 640 - 650 gr

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MS 612-1-60	220 V	50 Hz.	8 W	587 lm	88,1	80 90
MS 612-1-60	220 V	50 Hz.	10 W	654 lm	88,1	80 90

Model	Duy Lampholder	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MS 612-1-60	GU10	220 V	50 Hz.	5 W	460 lm	80 90
MS 612-1-60	GU10	220 V	50 Hz.	8 W	670 lm	80 90



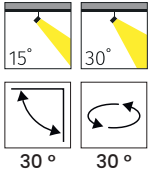
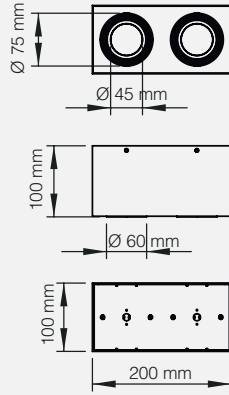
Seçeneğiyle | with Options



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MS 612-2-60

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli <i>Method of Application</i>	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Üstü <i>Surface Mounted</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED veya GU10 Ampul <i>Mid Power LED or GU10 Bulb</i>
Ürün Ağırlığı <i>Product Weight</i>	: 1290 - 1300 gr

Model	Gerilim <i>Voltage</i>	Frenkans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MS 612-2-60	220 V	50 Hz.	15 W	587 lm	88,1	80 90
MS 612-2-60	220 V	50 Hz.	20 W	654 lm	88,1	80 90

Model	Duy <i>Lampholder</i>	Gerilim <i>Voltage</i>	Frenkans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	CRI
MS 612-2-60	GU10	220 V	50 Hz.	2 x 5 W	460 lm	80 90
MS 612-2-60	GU10	220 V	50 Hz.	2x 8 W	670 lm	80 90



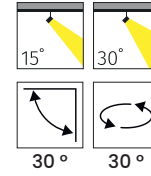
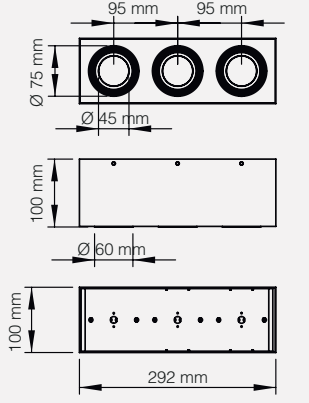
Seçeneğiyle | *with Options*



Renkler | *Colors*



MAKROLIGHT
LIGHTING STUDIO



MS 612-3-60

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Yüksek saflıkta alüminyum reflektör <i>High-purity aluminum reflector</i>
Uygulama Şekli <i>Method of Application</i>	: Elektronik balast ile <i>With electronic ballast</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Üstü <i>Surface Mounted</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED veya GU10 Ampul <i>Mid Power LED or GU10 Bulb</i>
Ürün Ağırlığı <i>Product Weight</i>	: 1940 - 1950 gr

Model	Gerilim <i>Voltage</i>	Frenkans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MS 612-3-60	220 V	50 Hz.	24 W	1242 lm	89,2	80 90
MS 612-3-60	220 V	50 Hz.	30 W	1774 lm	89,2	80 90

Model	Duy <i>Lampholder</i>	Gerilim <i>Voltage</i>	Frenkans <i>Frequency</i>	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	CRI
MS 612-3-60	GU10	220 V	50 Hz.	3 x 5 W	920 lm	80 90
MS 612-3-60	GU10	220 V	50 Hz.	3 x 8 W	1340 lm	80 90



Seçeneğiyle | *with Options*



Renkler | *Colors*

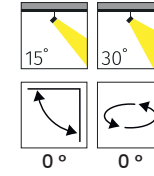
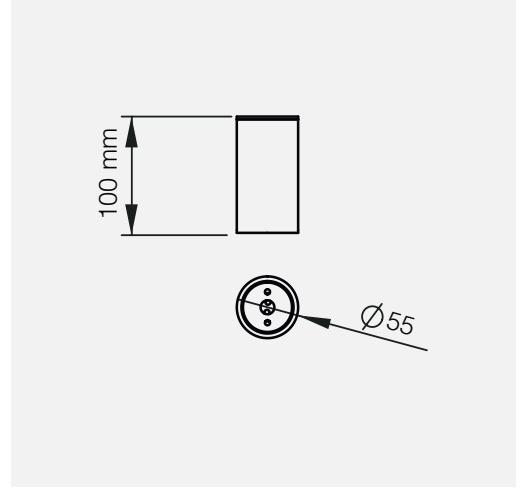


MAKROLIGHT
LIGHTING STUDIO



PUTO SERİSİ | SERIES

SIVA ÜSTÜ SPOT | SURFACE MOUNTED SPOT



MS 613

Tasarım | Design : by Makrolight

Özellikler | Properties

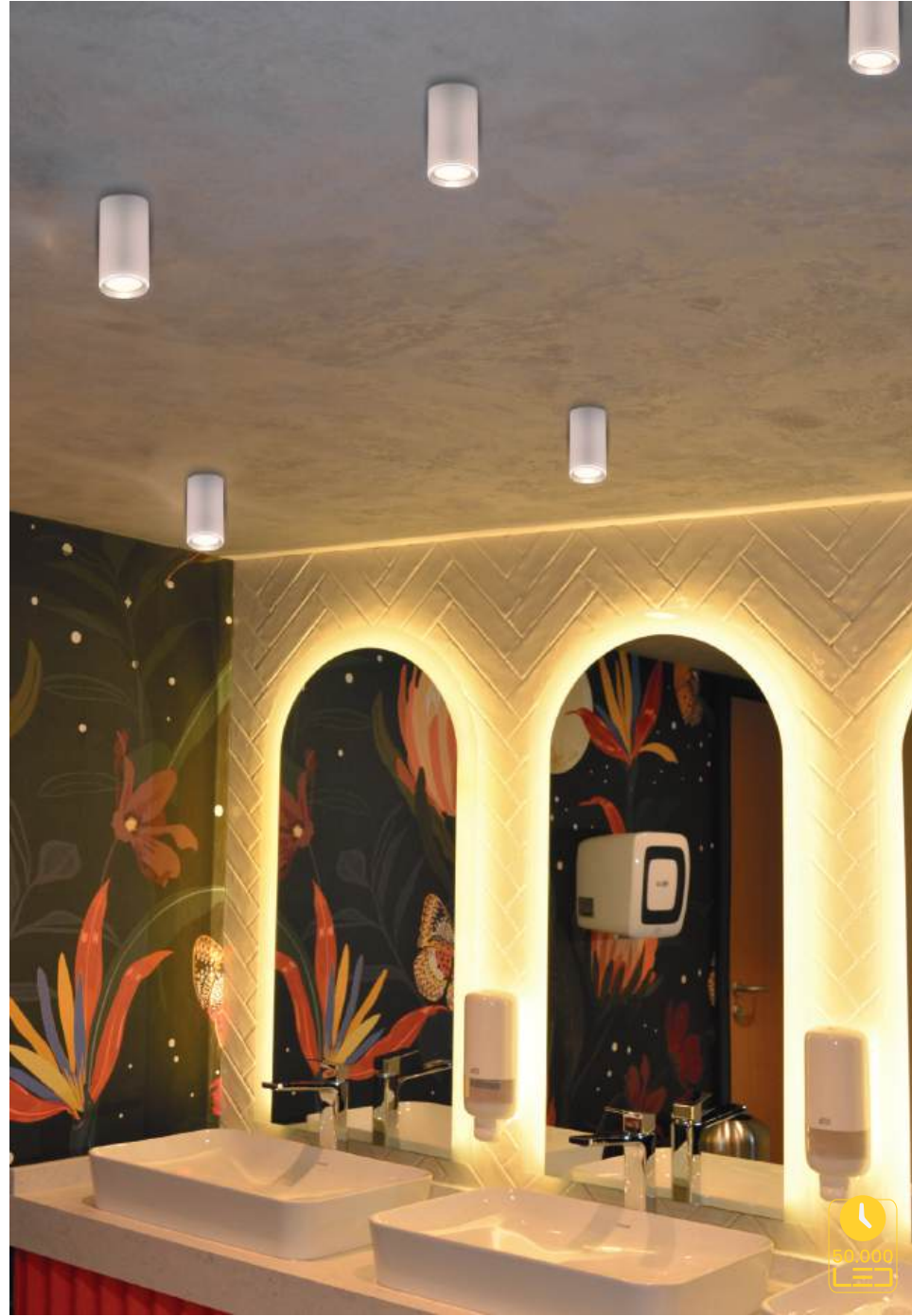
Gövde Body	: Alüminyum gövde Aluminum head
Uygulama Şekli Method of Application	: Soket veya rozanslı With socket or canopy
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Üstü Surface Mounted
Işık Kaynağı Source of Light	: GU 10 Ampul GU 10 Bulb
Ürün Ağırlığı Product Weight	: 180 - 190 gr

Model	Duy Lampholder	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MS 613	GU10	220 V	50 Hz.	5 W	460 lm	80
MS 613	GU10	220 V	50 Hz.	8 W	670 lm	90



Renkler | Colors





PUTO SERİSİ | SERIES

SIVA ÜSTÜ SPOT | SURFACE MOUNTED SPOT



MS 614

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum gövde Aluminum head
Uygulama Şekli Method of Application	: Soket veya rozanslı With socket or canopy
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Üstü Surface Mounted
Işık Kaynağı Source of Light	: GU 10 Ampul GU 10 Bulb
Ürün Ağırlığı Product Weight	: 230 – 240 gr

Model	Duy Lampholder	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MS 614	GU10	220 V	50 Hz.	5 W	460 lm	80
MS 614	GU10	220 V	50 Hz.	8 W	670 lm	90

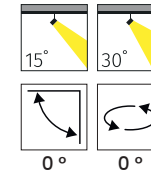
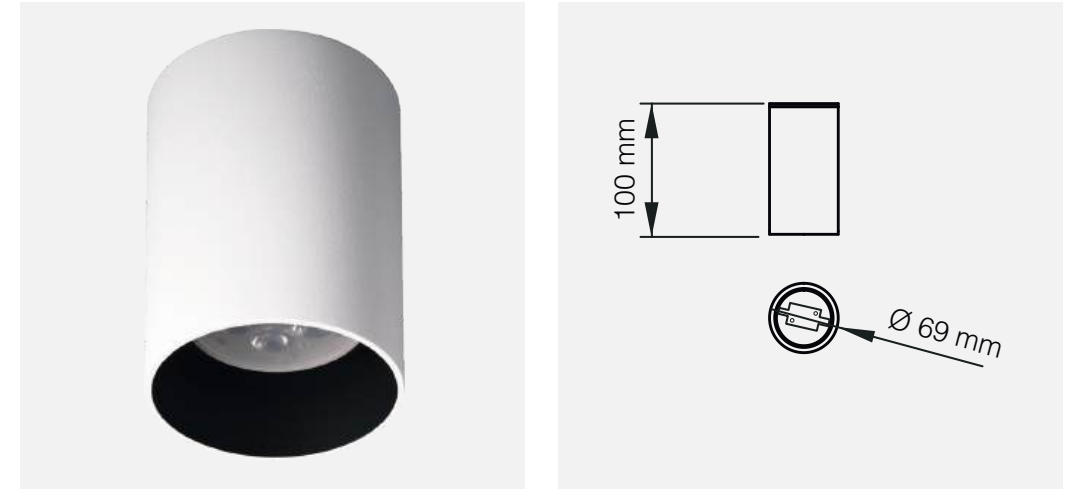


Renkler | Colors



**PUTO SERİSİ | SERIES**

SIVA ÜSTÜ SPOT | SURFACE MOUNTED SPOT

**MS 615**

Tasarım | Design : by Makrolight

Özellikler | Properties

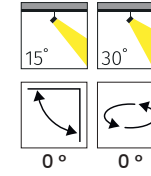
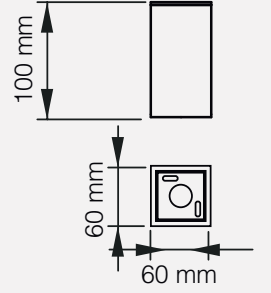
Gövde Body	: Alüminyum gövde Aluminum head
Uygulama Şekli Method of Application	: Soket veya rozanslı With socket or canopy
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Üstü Surface Mounted
Işık Kaynağı Source of Light	: GU 10 Ampul GU 10 Bulb
Ürün Ağırlığı Product Weight	: 250 - 260 gr

Model	Duy Lampholder	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MS 615	GU10	220 V	50 Hz.	5 W	460 lm	80
MS 615	GU10	220 V	50 Hz.	8 W	670 lm	90

**Renkler | Colors**

**PUTO SERİSİ | SERIES**

SIVA ÜSTÜ SPOT | SURFACE MOUNTED SPOT

**MS 615-1**

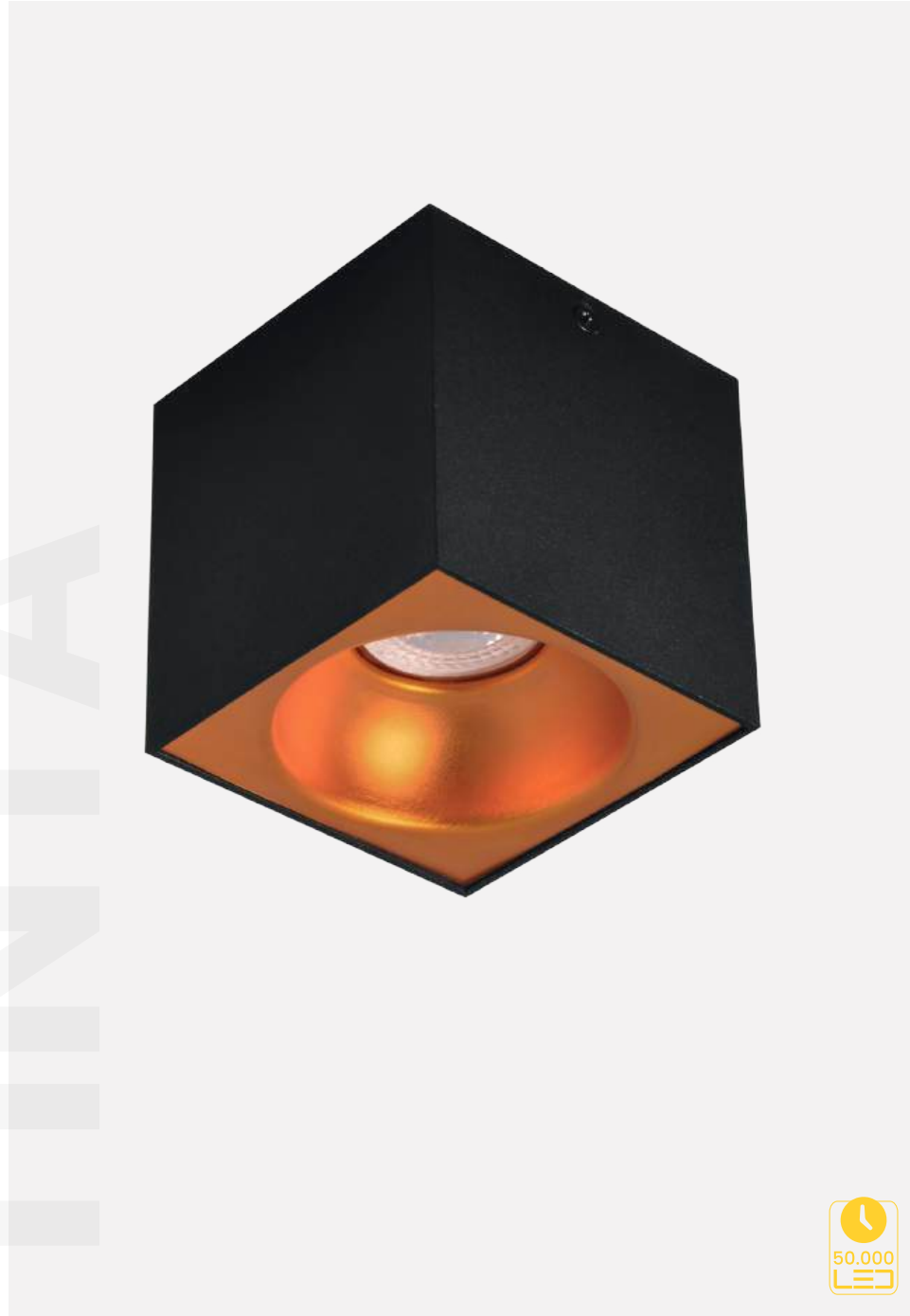
Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum gövde Aluminum head
Uygulama Şekli Method of Application	: Soket veya rozanslı With socket or canopy
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Üstü Surface Mounted
Işık Kaynağı Source of Light	: GU 10 Ampul GU 10 Bulb
Ürün Ağırlığı Product Weight	: 250 - 260 gr

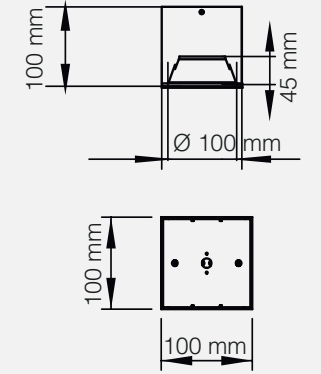
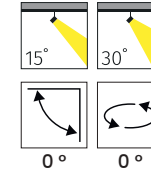
Model	Duy Lampholder	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MS 615-1	GU10	220 V	50 Hz.	5 W	460 lm	80
MS 615-1	GU10	220 V	50 Hz.	8 W	670 lm	90

**Renkler | Colors**



TINTA SERİSİ | SERIES

SIVA ÜSTÜ SPOT | SURFACE MOUNTED SPOT



MS 616-1

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum gövde Aluminum head
Uygulama Şekli Method of Application	: Soket veya rozanslı With socket or canopy
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Üstü Surface Mounted
Işık Kaynağı Source of Light	: GU10 Ampul GU10 Bulb
Ürün Ağırlığı Product Weight	: 395 - 405 gr

Model	Duy Lampholder	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MS 616-1	GU10	220 V	50 Hz.	5 W	460 lm	80
MS 616-1	GU10	220 V	50 Hz.	8 W	670 lm	90



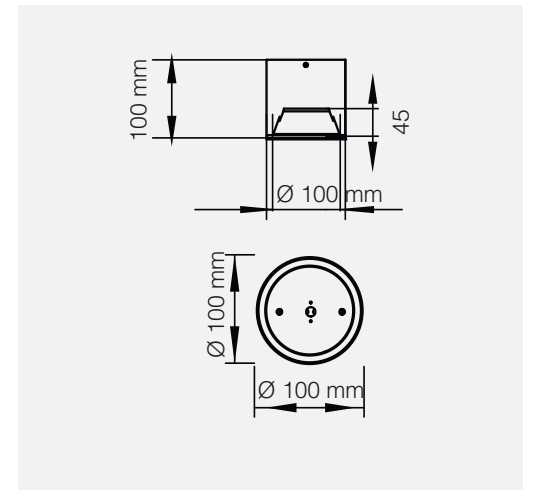
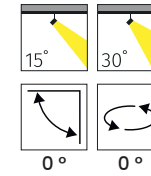
Renkler | Colors





TINTA SERİSİ | SERIES

SIVA ÜSTÜ SPOT | SURFACE MOUNTED SPOT



MS 616-2

Tasarım | Design : by Makrolight

Özellikler | Properties

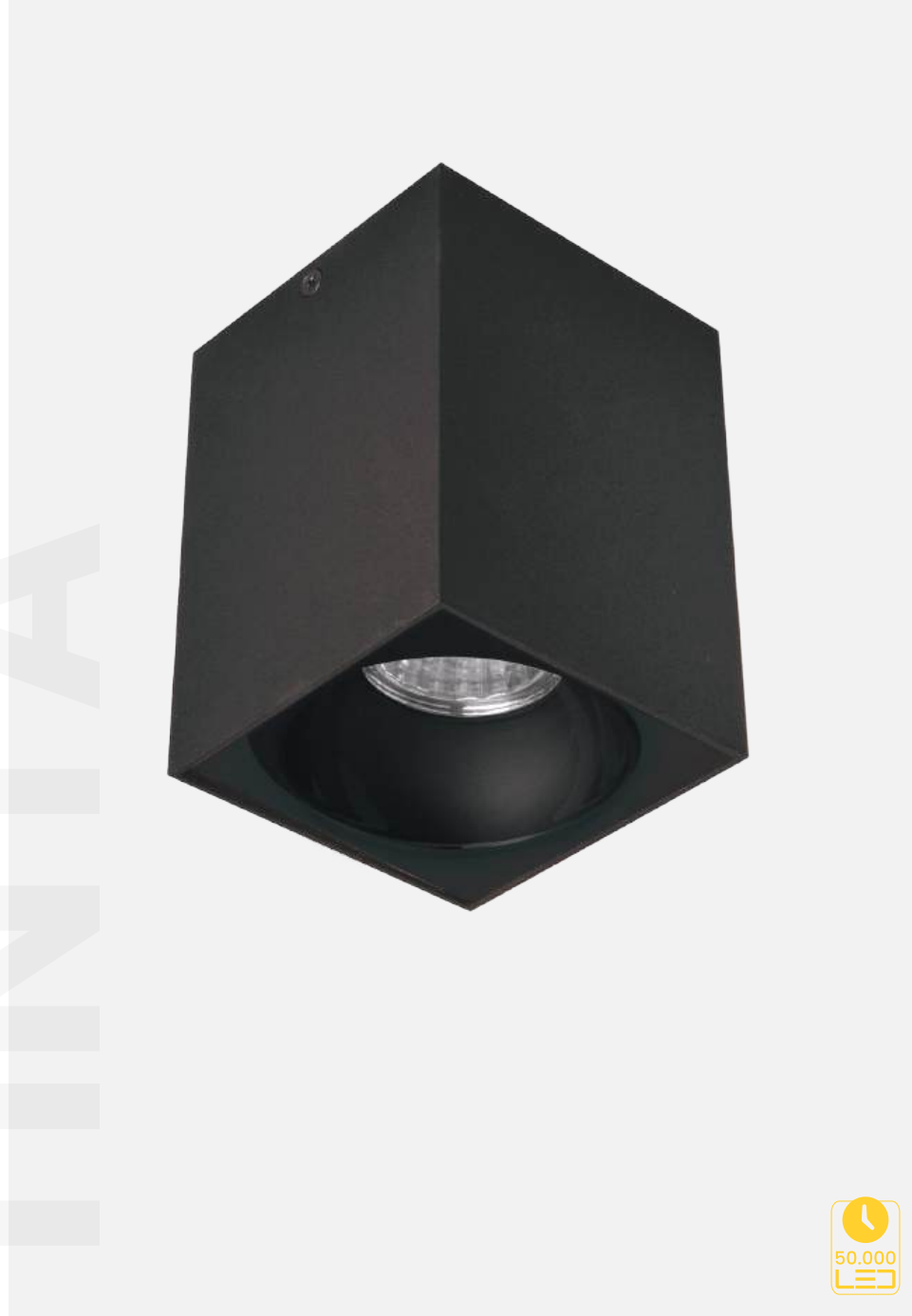
Gövde Body	: Alüminyum gövde Aluminum head
Uygulama Şekli Method of Application	: Soket veya rozanslı With socket or canopyzzzz
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Üstü Surface Mounted
Işık Kaynağı Source of Light	: GU 10 Ampul GU 10 Bulb
Ürün Ağırlığı Product Weight	: 385 - 395 gr

Model	Duy Lampholder	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MS 616-2	GU10	220 V	50 Hz.	5 W	460 lm	80
MS 616-2	GU10	220 V	50 Hz.	8 W	670 lm	90



Renkler | Colors

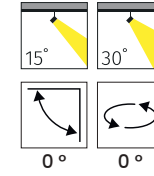
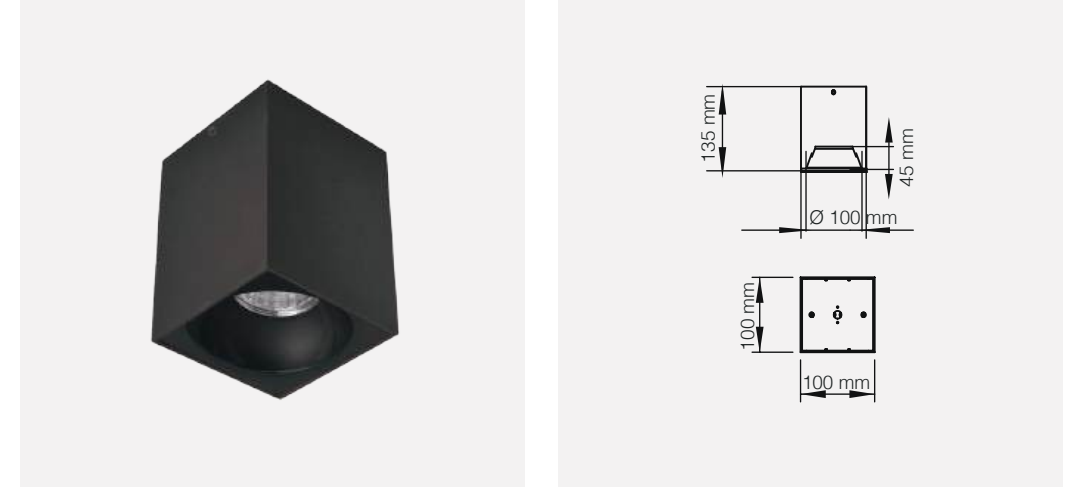




TINTA SERİSİ | SERIES

SIVA ÜSTÜ SPOT | SURFACE MOUNTED SPOT

MAKROLIGHT
LIGHTING STUDIO



MS 617-1

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Üstü Surface Mounted
Işık Kaynağı Source of Light	: Mid Power LED veya GU10 Ampul Mid Power LED or GU10 Bulb
Ürün Ağırlığı Product Weight	: 605 - 615 gr

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MS 617-1	220 V	50 Hz.	8 W	587 lm	88,1	80 90
MS 617-1	220 V	50 Hz.	10 W	654 lm	88,1	80 90

Model	Duy Lampholder	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MS 617-1	GU10	220 V	50 Hz.	5 W	460 lm	80 90
MS 617-1	GU10	220 V	50 Hz.	8 W	670 lm	80 90



Renkler | Colors



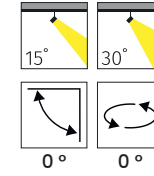
MAKROLIGHT
LIGHTING STUDIO



TINTA SERİSİ | SERIES

SIVA ÜSTÜ SPOT | SURFACE MOUNTED SPOT

MAKROLIGHT
LIGHTING STUDIO



MS 617-2

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Yüksek saflıkta alüminyum reflektör High-purity aluminum reflector
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Üstü Surface Mounted
Işık Kaynağı Source of Light	: Mid Power LED veya GU10 Ampul Mid Power LED or GU10 Bulb
Ürün Ağırlığı Product Weight	: 555 - 565 gr

Model	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MS 617-2	220 V	50 Hz.	8 W	587 lm	88,1	80 90
MS 617-2	220 V	50 Hz.	10 W	654 lm	88,1	80 90

Model	Duy Lampholder	Gerilim Voltage	Frenkans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	CRI
MS 617-2	GU10	220 V	50 Hz.	5 W	460 lm	80 90
MS 617-2	GU10	220 V	50 Hz.	8 W	670 lm	80 90



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



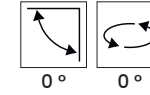
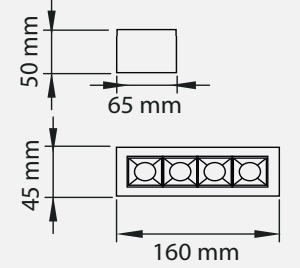
BRUNA



BRUNA SERİSİ | SERIES

SIVA ÜSTÜ SPOT | SURFACE MOUNTED SPOT

MAKROLIGHT
LIGHTING STUDIO



MS 624

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Parlak bitişli ve kamaşma önleyici, simetrik ışık çıkışı sağlayan dar, orta ve geniş açı seçenekli High polished antiglare, narrow, medium and wide beam angle options available with rotationally symmetric light distribution
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Üstü Surface Mounted
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 350 - 360 gr

Model	Gerilim Voltage	Frekans Frequency	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MS 624	220 V	50 Hz.	5,93 W	1040 lm	88,1	80 90



Seçeneğiyle | with Options



Made in Türkiye

Renkler | Colors

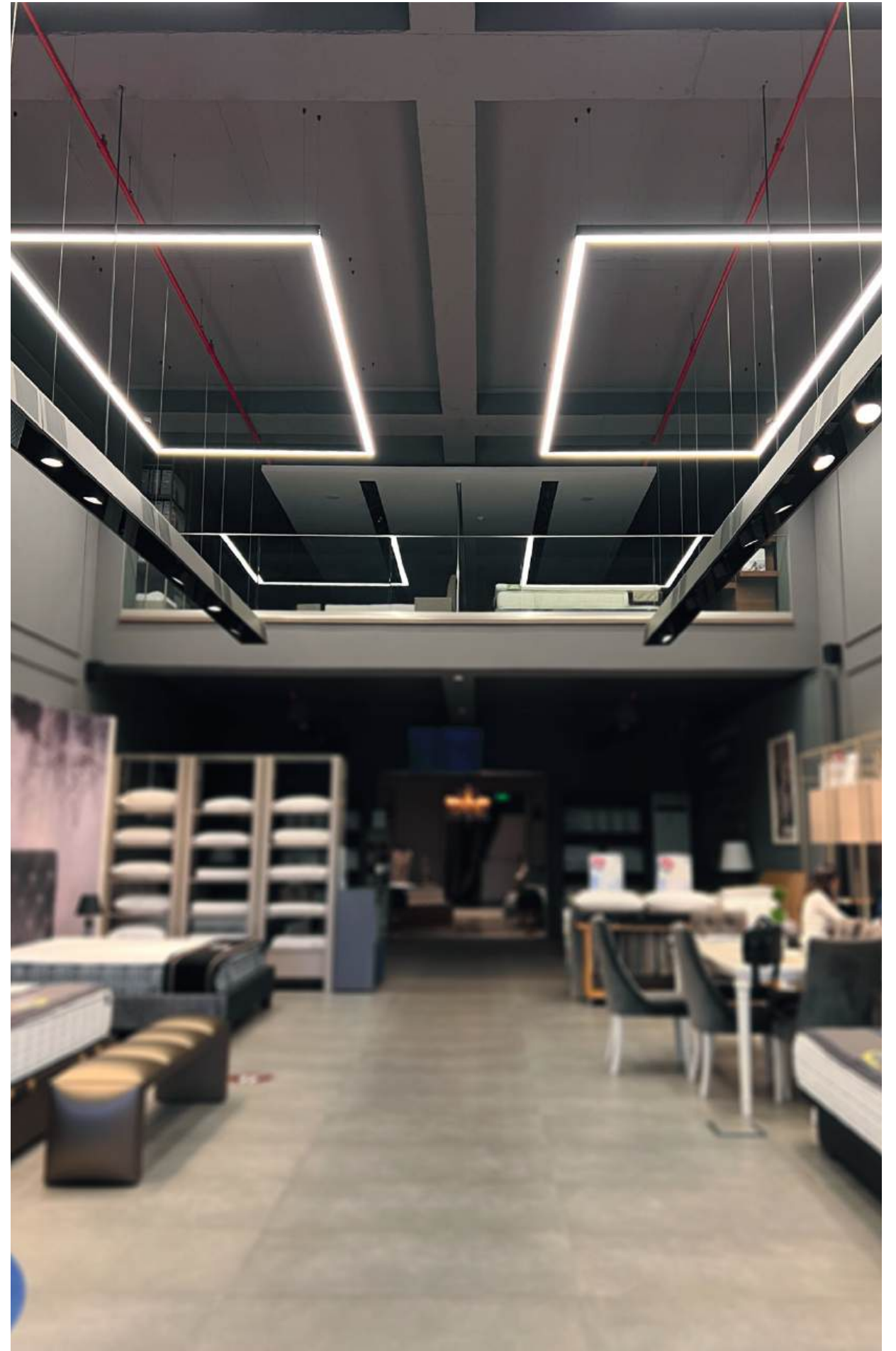


MAKROLIGHT
LIGHTING STUDIO

SIVA ÜSTÜ

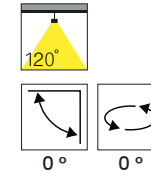
surface mounted
linear

LINEER



**NORA SERİSİ | SERIES**

SIVA ÜSTÜ LİNEER | SURFACE MOUNTED LINEAR

**MS 503-400**

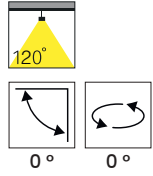
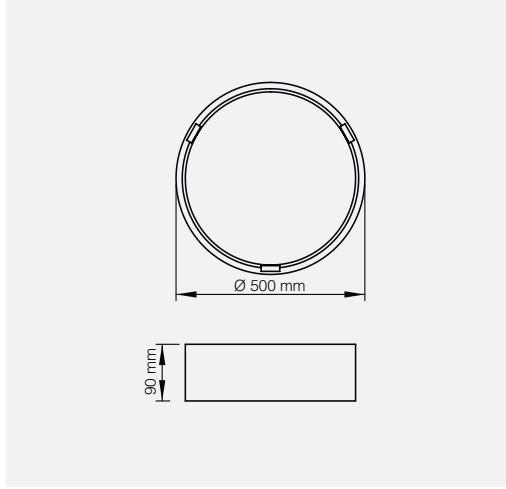
Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Mat ve opal pleksiglas seçenekleri Matte and opal plexiglas seçenekleri
Uygulama Şekli Method of Application	: LED driver ile With LED driver
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Üstü Surface Mounted
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 2260 - 2270 gr

Model	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MS 503-400	32 W	131 lm/w	~ 4200	80 90

**Renkler | Colors**



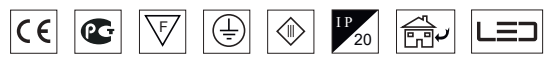
MS 503-500

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Mat ve opal pleksiglas seçenekleri <i>Matte and opal plexiglas seçenekleri</i>
Uygulama Şekli <i>Method of Application</i>	: LED driver ile <i>With LED driver</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Üstü <i>Surface Mounted</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED
Ürün Ağırlığı <i>Product Weight</i>	: 3840 – 3850 gr

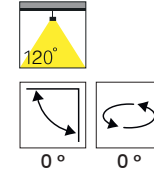
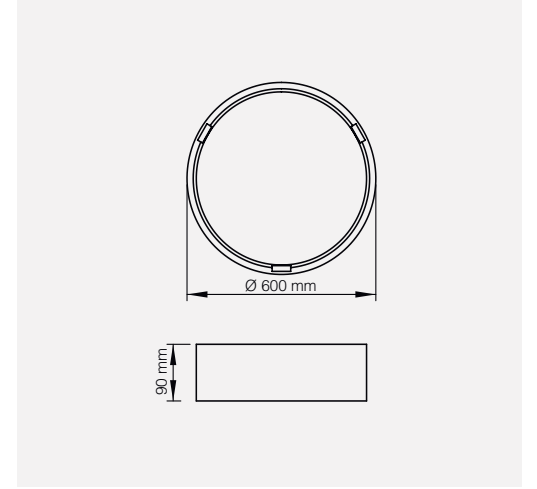
Model	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MS 503-500	57 W	131 lm/w	~ 7400	80 90



Seçeneğiyle | *with Options*



Renkler | *Colors*



MS 503-600

Tasarım | *Design* : by Makrolight

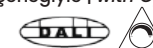
Özellikler | *Properties*

Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Mat ve opal pleksiglas seçenekleri <i>Matte and opal plexiglas seçenekleri</i>
Uygulama Şekli <i>Method of Application</i>	: LED driver ile <i>With LED driver</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Üstü <i>Surface Mounted</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED
Ürün Ağırlığı <i>Product Weight</i>	: 5240 – 5250 gr

Model	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MS 503-600	74 W	132 lm/w	~ 9850	80 90



Seçeneğiyle | *with Options*



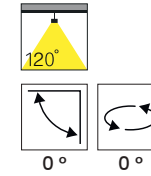
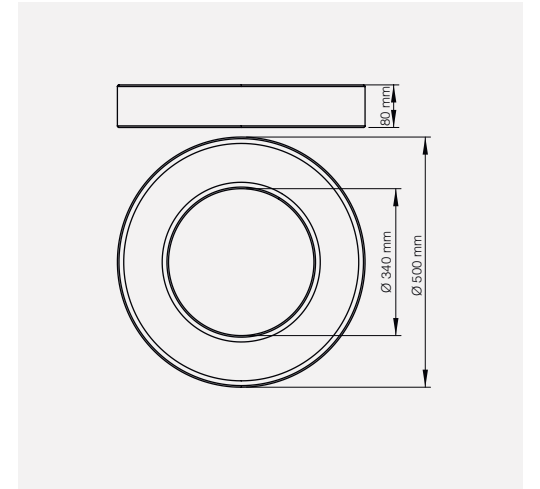
Renkler | *Colors*





NORA SERİSİ | SERIES

SIVA ÜSTÜ LİNEER | SURFACE MOUNTED LINEAR



MS 504-500

Tasarım | Design : by Makrolight

Özellikler | Properties

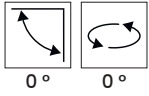
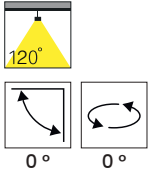
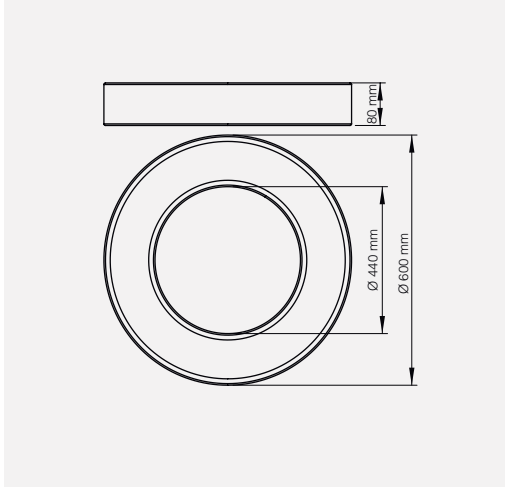
Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Mat ve opal pleksiglas seçenekleri Matte and opal plexiglas seçenekleri
Uygulama Şekli Method of Application	: LED driver ile With LED driver
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Üstü Surface Mounted
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 2590 - 2600 gr

Model	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MS 504-500	32 W	131 lm/w	~ 4200	80 90



Renkler | Colors





MS 504-600

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Mat ve opal pleksiglas seçenekleri <i>Matte and opal plexiglas seçenekleri</i>
Uygulama Şekli <i>Method of Application</i>	: LED driver ile <i>With LED driver</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Üstü <i>Surface Mounted</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED
Ürün Ağırlığı <i>Product Weight</i>	: 3650 - 3660 gr

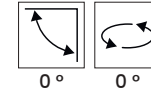
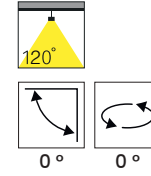
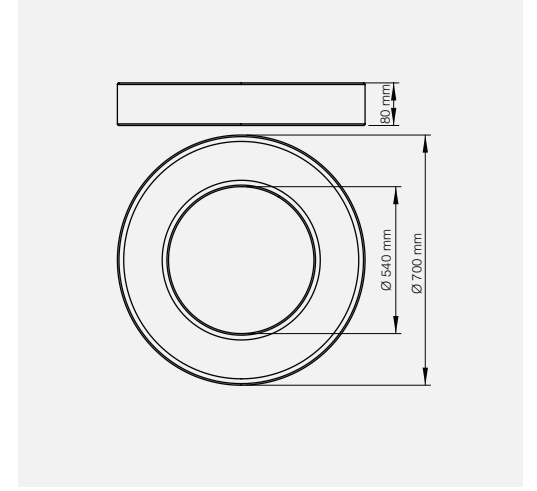
Model	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MS 504-600	37 W	138 lm/w	~ 5100	80 90



Renkler | *Colors*



MAKROLIGHT
LIGHTING STUDIO



MS 504-700

Tasarım | *Design* : by Makrolight

Özellikler | *Properties*

Gövde <i>Body</i>	: Alüminyum enjeksiyon gövde <i>Aluminum injection head</i>
Reflektör Tipi <i>Reflector Type</i>	: Mat ve opal pleksiglas seçenekleri <i>Matte and opal plexiglas seçenekleri</i>
Uygulama Şekli <i>Method of Application</i>	: LED driver ile <i>With LED driver</i>
Boyama Tipi <i>Painting Type</i>	: Elektrostatik toz boya <i>Electrostatic powder coating</i>
Işık Sıcaklığı <i>Light Temperature</i>	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı <i>IP Protection Class</i>	: IP 20
Kullanım Şekli <i>Usage</i>	: Sıva Üstü <i>Surface Mounted</i>
Işık Kaynağı <i>Source of Light</i>	: Mid Power LED
Ürün Ağırlığı <i>Product Weight</i>	: 4600 - 4610 gr

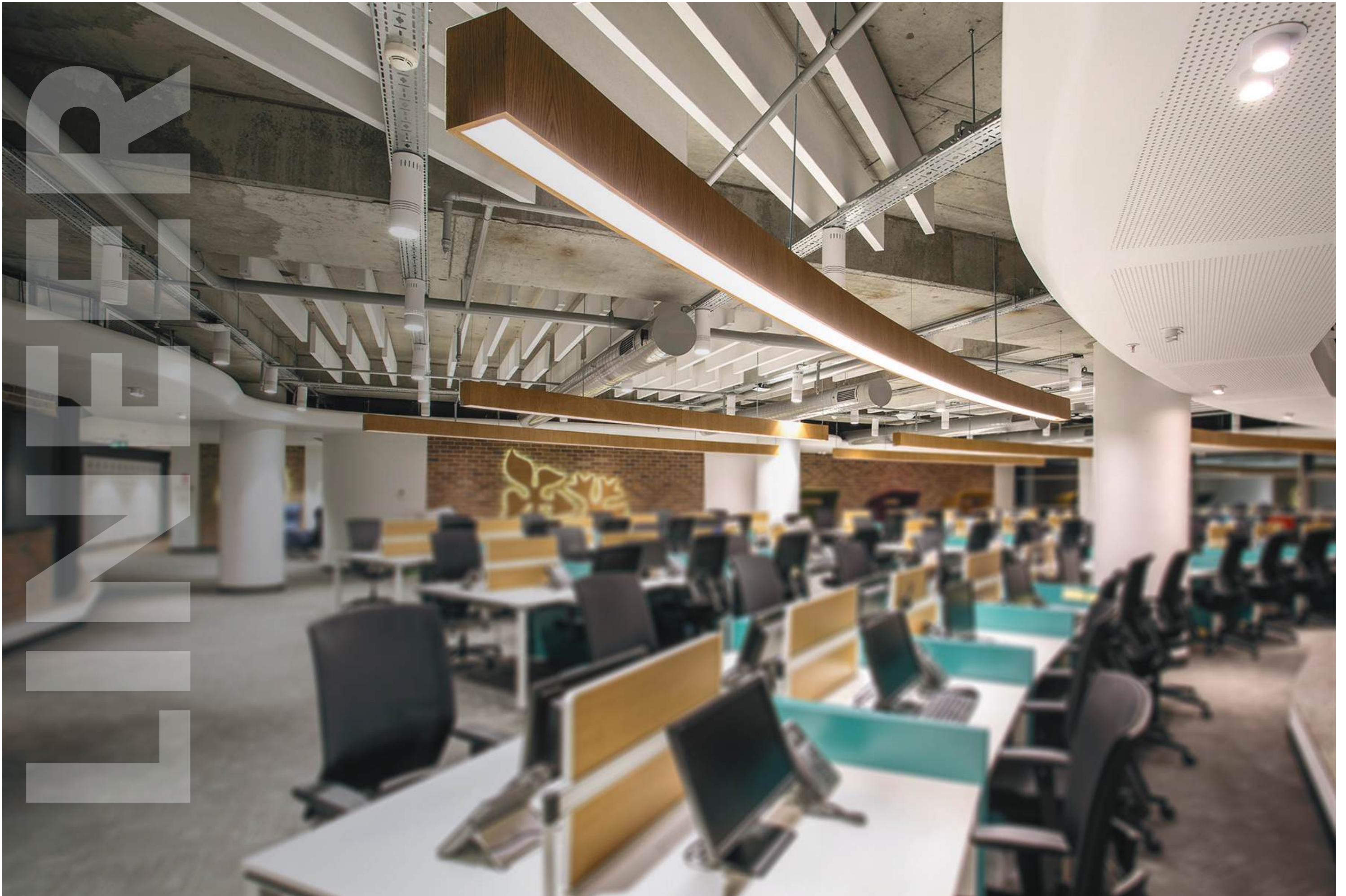
Model	Aktif Güç <i>Active Power</i>	Işık Akısı <i>Luminous Flux</i>	Verimlilik <i>Productivity</i>	CRI
MS 504-700	57 W	131 lm/w	~ 7400	80 90



Renkler | *Colors*



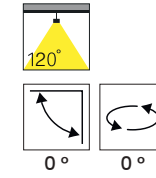
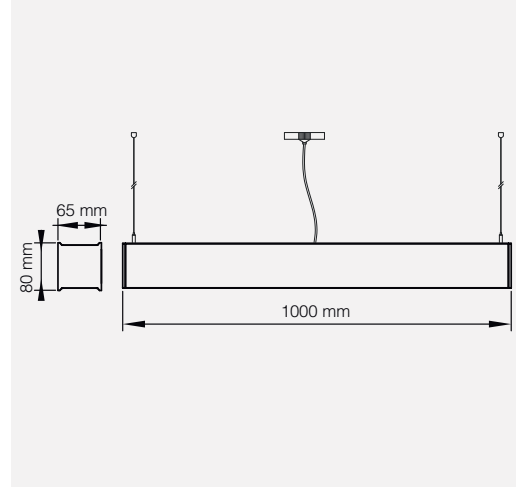
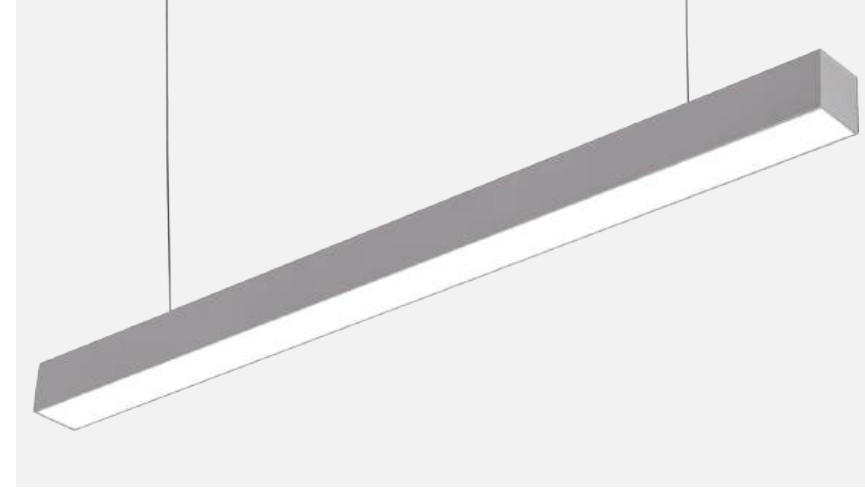
MAKROLIGHT
LIGHTING STUDIO





NORA SERİSİ | SERIES

SIVA ÜSTÜ LİNEER | SURFACE MOUNTED LINEAR



MS 620

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Mat ve opal pleksiglas seçenekleri Matte and opal plexiglas seçenekleri
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Üstü Surface Mounted
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1350 - 1360 gr

Model	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MS 620	28,5 W	134 lm/w	~ 3800	80 90



Seçeneğiyle | with Options



OSRAM

LEDs
Included

LED

provided by
SAMSUNG

A B C

Made in
Türkiye

Renkler | Colors



Siyah | Black



Beyaz | White

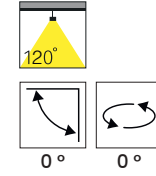
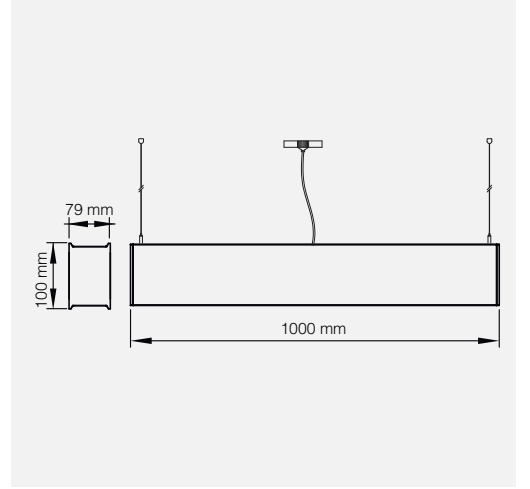
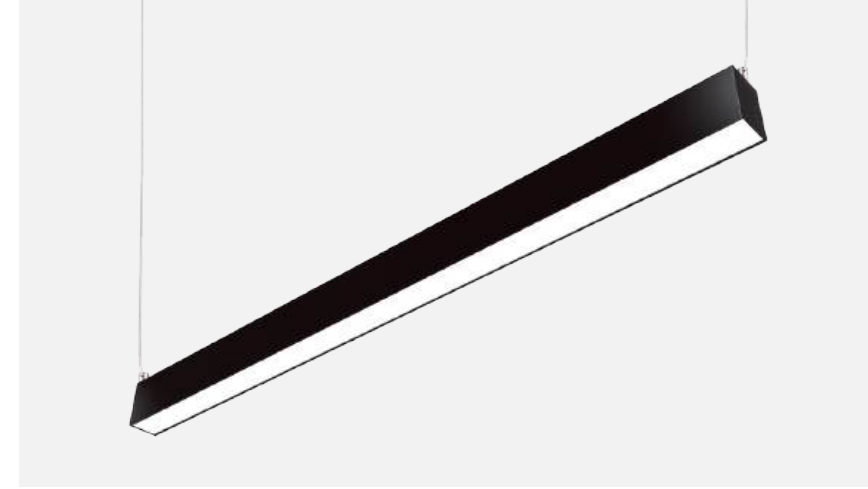


Diğer Renkler | Other Colors



NORA SERİSİ | SERIES

SIVA ÜSTÜ LİNEER | SURFACE MOUNTED LINEAR



MS 621

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Mat ve opal pleksiglas seçenekleri Matte and opal plexiglas seçenekleri
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Üstü Surface Mounted
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 1395 - 1405 gr

Model	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MS 621	28,5 W	134 lm/w	~ 3800	80 90



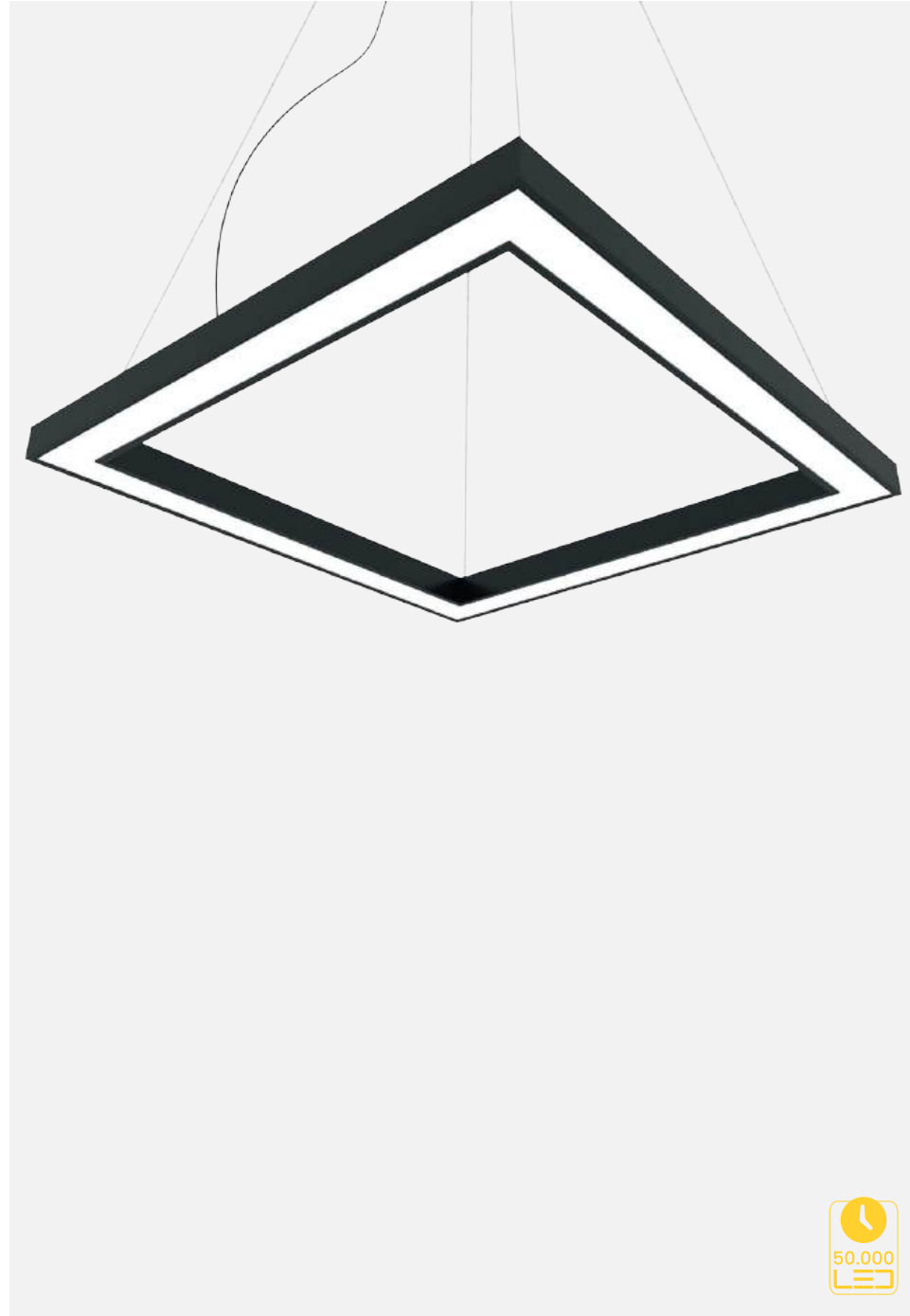
Seçeneğiyle | with Options



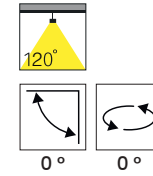
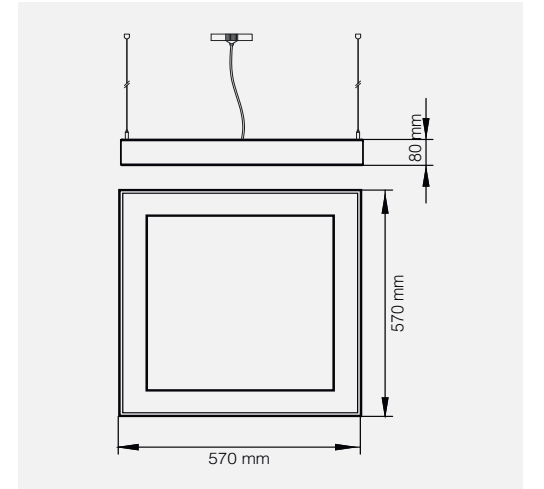
Made in
Türkiye

Renkler | Colors



**NORA SERİSİ | SERIES**

SIVA ÜSTÜ LİNEER | SURFACE MOUNTED LINEAR

**MS 622**

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Mat ve opal pleksiglas seçenekleri Matte and opal plexiglas seçenekleri
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Üstü Surface Mounted
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 3270 - 3280 gr

Model	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MS 622	76 W	125 lm/w	~ 9500	80 90



Seçeneğiyle | with Options

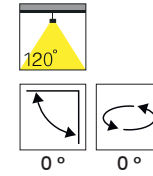
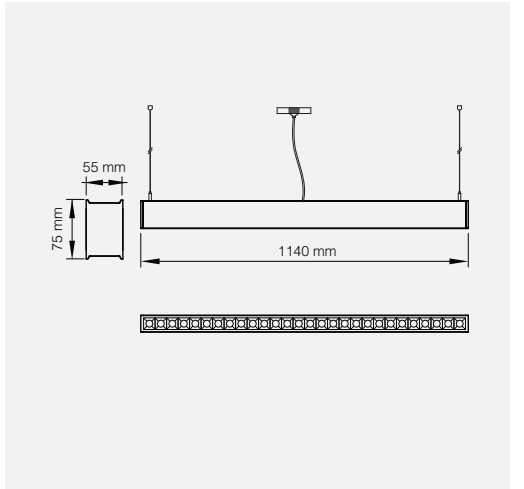
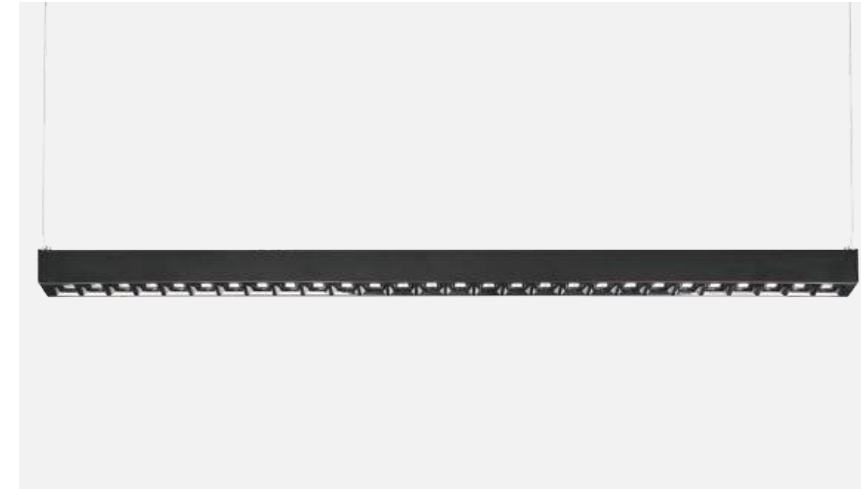
Made in
Türkiye

Renkler | Colors



**NORA SERİSİ | SERIES**

SIVA ÜSTÜ LİNEER | SURFACE MOUNTED LINEAR

**MS 623**

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Mat ve opal pleksiglas seçenekleri Matte and opal plexiglas seçenekleri
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Üstü Surface Mounted
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 2300 - 2310 gr

Model	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MS 623	30 W	130 lm/w	~ 4070	80 90



Seçeneğiyle | with Options

Made in
Türkiye

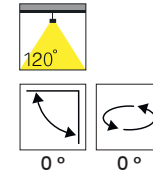
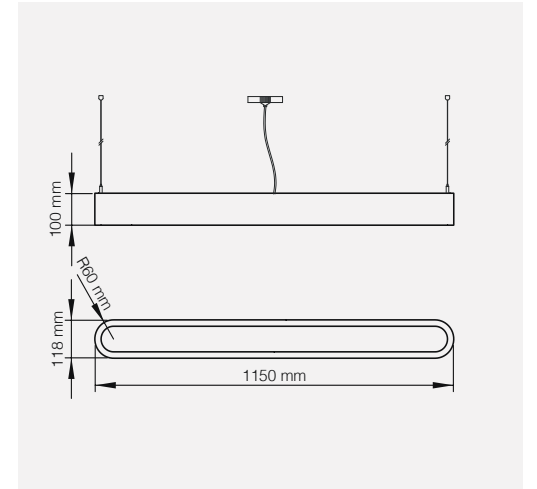
Renkler | Colors





NORA SERİSİ | SERIES

SIVA ÜSTÜ LİNEER | SURFACE MOUNTED LINEAR



MS 660

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Mat ve opal pleksiglas seçenekleri Matte and opal plexiglas seçenekleri
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Üstü Surface Mounted
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 6445 - 6455 gr

Model	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MS 660	30 W	125 lm/w	~ 4100	80 90



Seçeneğiyle | with Options



Made in
Türkiye

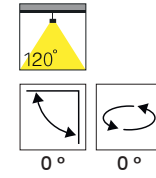
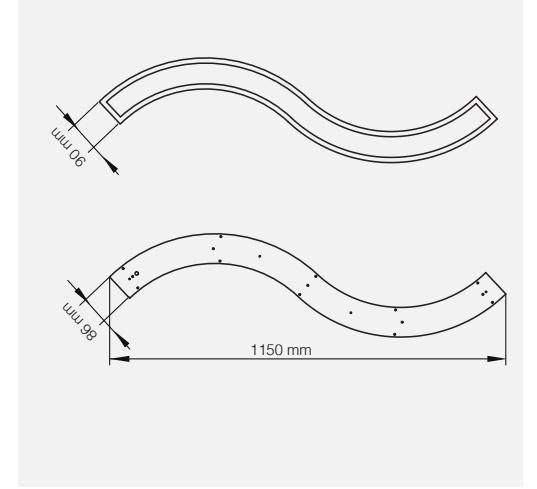
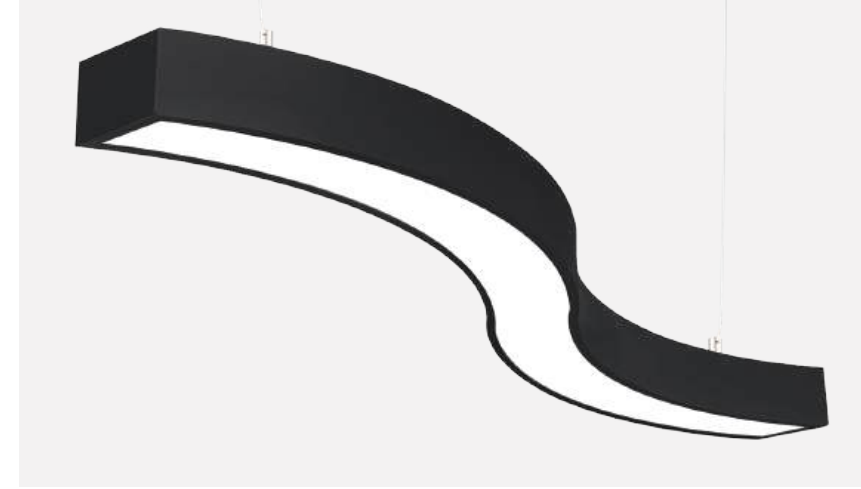
Renkler | Colors





NORA SERİSİ | SERIES

SIVA ÜSTÜ LİNEER | SURFACE MOUNTED LINEAR



MS 670

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Reflektör Tipi Reflector Type	: Mat ve opal pleksiglas seçenekleri Matte and opal plexiglas seçenekleri
Uygulama Şekli Method of Application	: Elektronik balast ile With electronic ballast
Boyama Tipi Painting Type	: Elektrostatik toz boya Electrostatic powder coating
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 20
Kullanım Şekli Usage	: Sıva Üstü Surface Mounted
Işık Kaynağı Source of Light	: Mid Power LED
Ürün Ağırlığı Product Weight	: 4900 - 4910 gr

Model	Aktif Güç Active Power	Işık Akısı Luminous Flux	Verimlilik Productivity	CRI
MS 670	30 W	125 lm/w	~ 4100	80 90



Seçeneğiyle | with Options



Made in
Türkiye

Renkler | Colors



DIS MEKAN

outdoor lighting

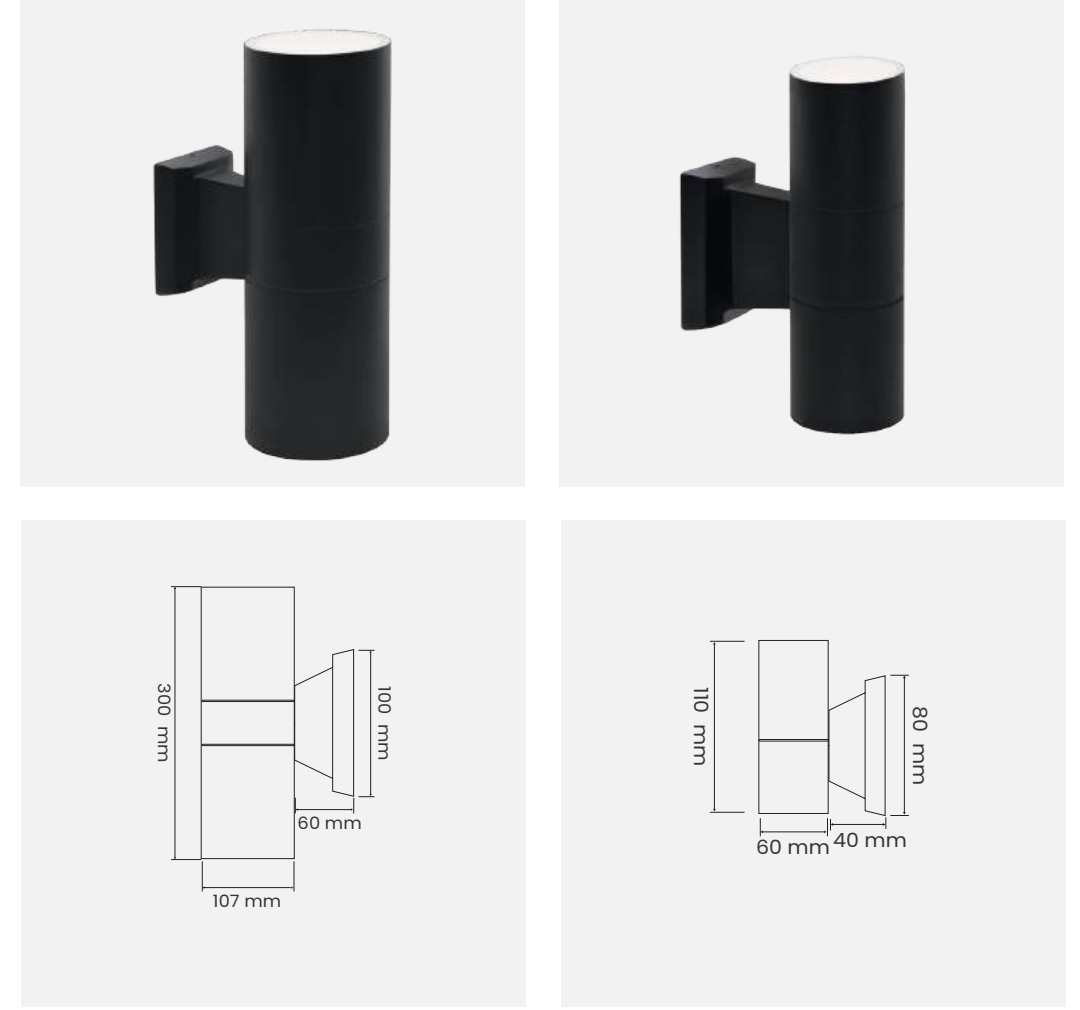
AYDINLATMA





MOSS SERİSİ | SERIES

ÇİFT YÖNLÜ DUVAR APLİK | BIDIRECTIONAL APPLIQUE



MO 110

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 44
Kullanım Şekli Usage	: Aplik Applique
Işık Kaynağı Source of Light	: E 27 Ampul E 27 Bulb
Duy Tipi Lampholder Type	: 2 x E 27
Montaj Tipi Mounting Type	: Duvar Wall



Renkler | Colors



MO 111

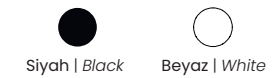
Tasarım | Design : by Masialux

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 44
Kullanım Şekli Usage	: Aplik Applique
Işık Kaynağı Source of Light	: GU 10 Ampul GU 10 Bulb
Duy Tipi Lampholder Type	: 2 x GU 10
Montaj Tipi Mounting Type	: Duvar Wall



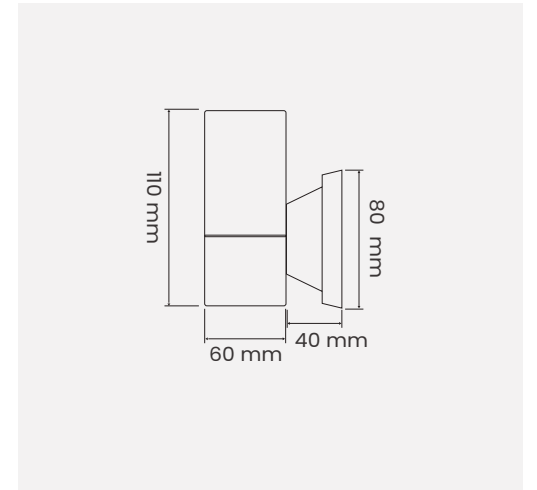
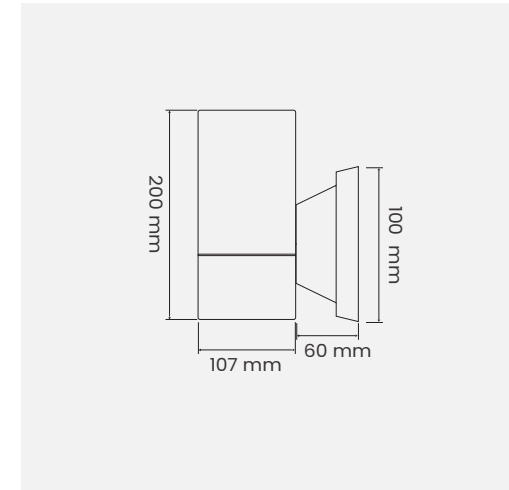
Renkler | Colors





MOSS SERİSİ | SERIES

DUVAR APLİK | APPLIQUE



MO 112

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 44
Kullanım Şekli Usage	: Aplik Applique
Işık Kaynağı Source of Light	: E 27 Ampul E 27 Bulb
Duy Tipi Lampholder Type	: E 27
Montaj Tipi Mounting Type	: Duvar Wall



Renkler | Colors



MO 113

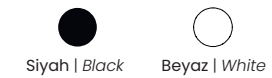
Tasarım | Design : by Masialux

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 44
Kullanım Şekli Usage	: Aplik Applique
Işık Kaynağı Source of Light	: GU 10 Ampul GU 10 Bulb
Duy Tipi Lampholder Type	: GU 10
Montaj Tipi Mounting Type	: Duvar Wall



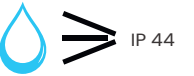
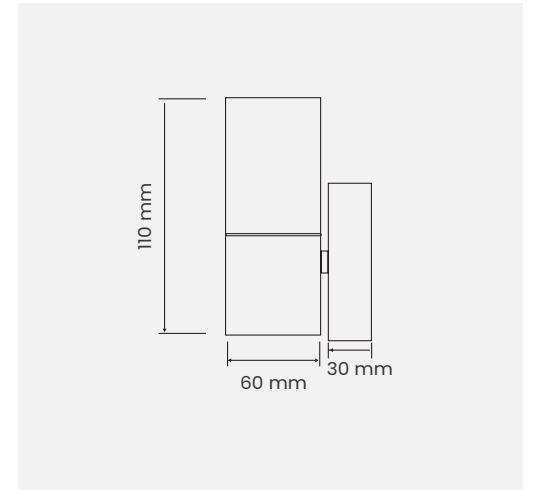
Renkler | Colors





MOSS SERİSİ | SERIES

DUVAR APLİK | APPLIQUE



MO 114

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 44
Kullanım Şekli Usage	: Aplik Applique
Işık Kaynağı Source of Light	: GU Ampul GU 10 Bulb
Duy Tipi Lampholder Type	: GU 10
Montaj Tipi Mounting Type	: Duvar Wall

CE PG F 44 LED A B C Made in Türkiye

Renkler | Colors



Siyah | Black

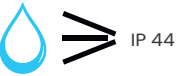
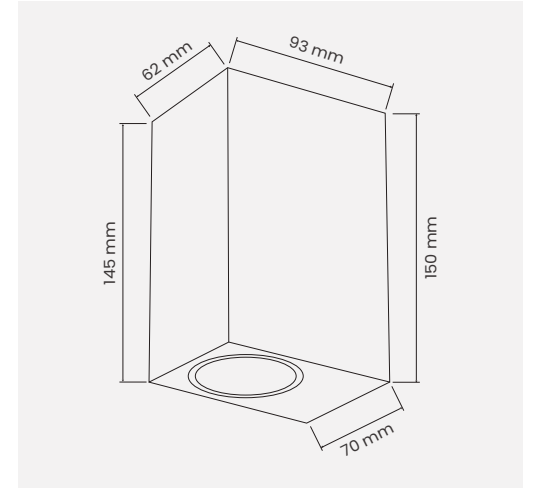


Beyaz | White



JIWA SERİSİ | SERIES

ÇİFT YÖNLÜ DUVAR APLİK | BIDIRECTIONAL APPLIQUE



MO 130

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 44
Kullanım Şekli Usage	: Aplik Applique
Işık Kaynağı Source of Light	: GU Ampul GU 10 Bulb
Duy Tipi Lampholder Type	: 2 x GU 10
Montaj Tipi Mounting Type	: Duvar Wall



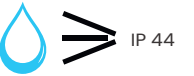
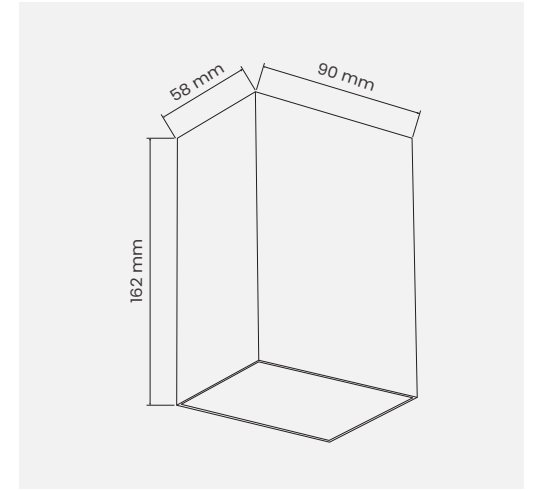
Renkler | Colors





JIWA SERİSİ | SERIES

ÇİFT YÖNLÜ DUVAR APLİK | BIDIRECTIONAL APPLIQUE



MO 131

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Difüzör Diffuser	: PMMA/PC
Işık Sıcaklığı Light Temperature	: 3000 K
IP Koruma Sınıfı IP Protection Class	: IP 44
Kullanım Şekli Usage	: Aplik Applique
Işık Kaynağı Source of Light	: Mid Power LED
Lümen Luminous Flux	: 150Lm
Güç Watt	: 2 x 4 Watt
Montaj Tipi Mounting Type	: Duvar Wall



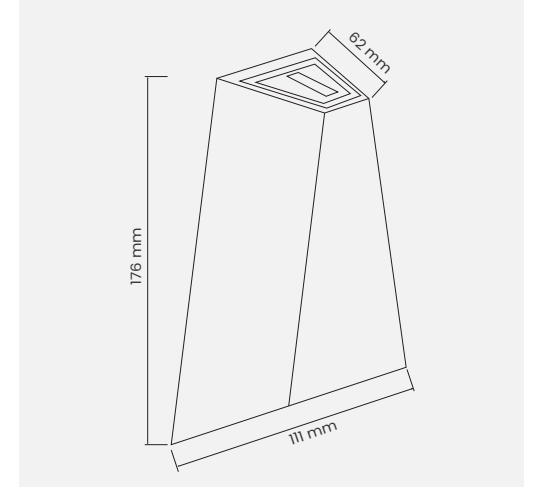
Renkler | Colors





JIWA SERİSİ | SERIES

ÇİFT YÖNLÜ DUVAR APLİK | BIDIRECTIONAL APPLIQUE



MO 132

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Difüzör Diffuser	: PMMA/PC
Işık Sıcaklığı Light Temperature	: 3000 K
IP Koruma Sınıfı IP Protection Class	: IP 44
Kullanım Şekli Usage	: Aplik Applique
Işık Kaynağı Source of Light	: Mid Power LED
Lümen Luminous Flux	: 150Lm
Güç Watt	: 3 Watt
Montaj Tipi Mounting Type	: Duvar Wall



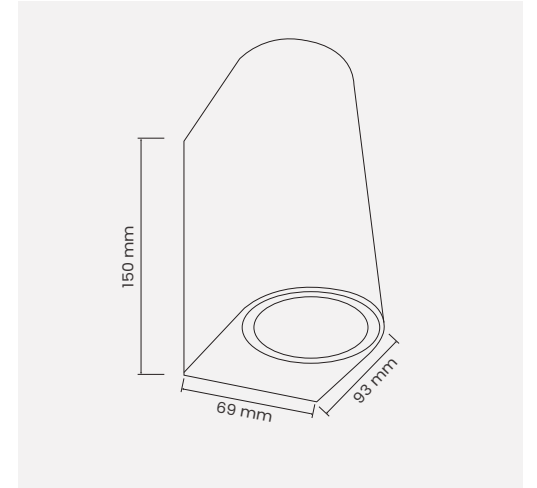
Renkler | Colors





JIWA SERİSİ | SERIES

ÇİFT YÖNLÜ DUVAR APLİK | BIDIRECTIONAL APPLIQUE



MO 133

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 44
Kullanım Şekli Usage	: Aplik Applique
Işık Kaynağı Source of Light	: GU Ampul GU 10 Bulb
Duy Tipi Lampholder Type	: 2 x GU 10
Montaj Tipi Mounting Type	: Duvar Wall



Renkler | Colors



Siyah | Black

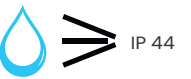
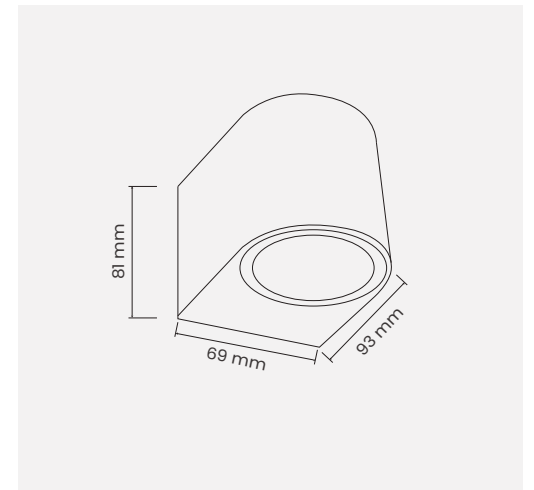


Beyaz | White



JIWA SERİSİ | SERIES

ÇİFT YÖNLÜ DUVAR APLİK | BIDIRECTIONAL APPLIQUE



MO 134

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Işık Sıcaklığı Light Temperature	: 2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	: IP 44
Kullanım Şekli Usage	: Aplik Applique
Işık Kaynağı Source of Light	: GU Ampul GU 10 Bulb
Duy Tipi Lampholder Type	: GU 10
Montaj Tipi Mounting Type	: Duvar Wall



Renkler | Colors



Siyah | Black

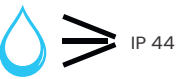
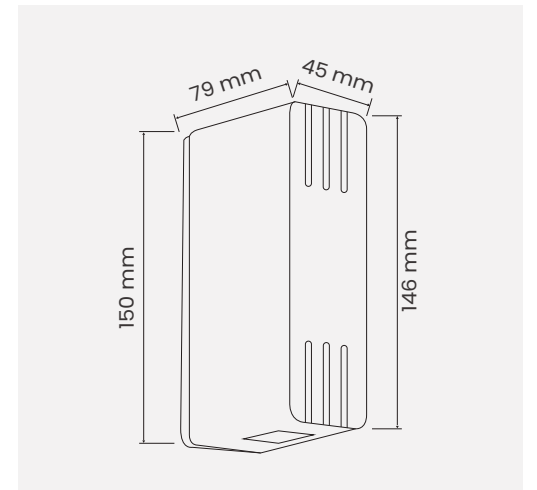


Beyaz | White



JIWA SERİSİ | SERIES

ÇİFT YÖNLÜ DUVAR APLİK | BIDIRECTIONAL APPLIQUE



MO 135

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Difüzör Diffuser	: PMMA/PC
Işık Sıcaklığı Light Temperature	: 3000 K
IP Koruma Sınıfı IP Protection Class	: IP 44
Kullanım Şekli Usage	: Aplik Applique
Işık Kaynağı Source of Light	: Mid Power LED
Lümen Luminous Flux	: 150Lm
Güç Watt	: 3 Watt
Montaj Tipi Mounting Type	: Duvar Wall



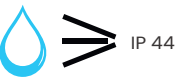
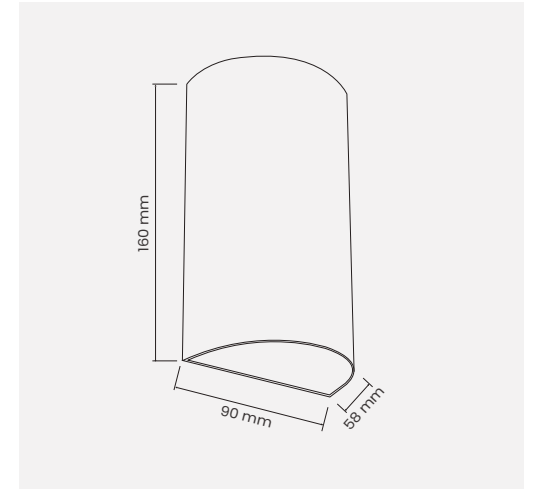
Renkler | Colors





JIWA SERİSİ | SERIES

ÇİFT YÖNLÜ DUVAR APLİK | BIDIRECTIONAL APPLIQUE



MO 136

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	: Alüminyum enjeksiyon gövde Aluminum injection head
Difüzör Diffuser	: PMMA/PC
Işık Sıcaklığı Light Temperature	: 3000 K
IP Koruma Sınıfı IP Protection Class	: IP 44
Kullanım Şekli Usage	: Aplik Applique
Işık Kaynağı Source of Light	: Mid Power LED
Lümen Luminous Flux	: 150Lm
Güç Watt	: 2 x 4 Watt
Montaj Tipi Mounting Type	: Duvar Wall



Renkler | Colors





MOSS SERİSİ | SERIES

KAZIKLI ÇİM ARMATÜRÜ | PILE LAWN FIXTURE



MO 120

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	:	Aluminyum enjeksiyon gövde Aluminum injection head
Işık Sıcaklığı Light Temperature	:	2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	:	IP 44
Işık Kaynağı Source of Light	:	GU 10 Ampul GU 10 Bulb
Duy Tipi Lampholder Type	:	GU 10
Montaj Tipi Mounting Type	:	Kazıklı Piled



Renkler | Colors

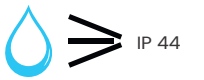


MO 121

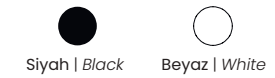
Tasarım | Design : by Masialux

Özellikler | Properties

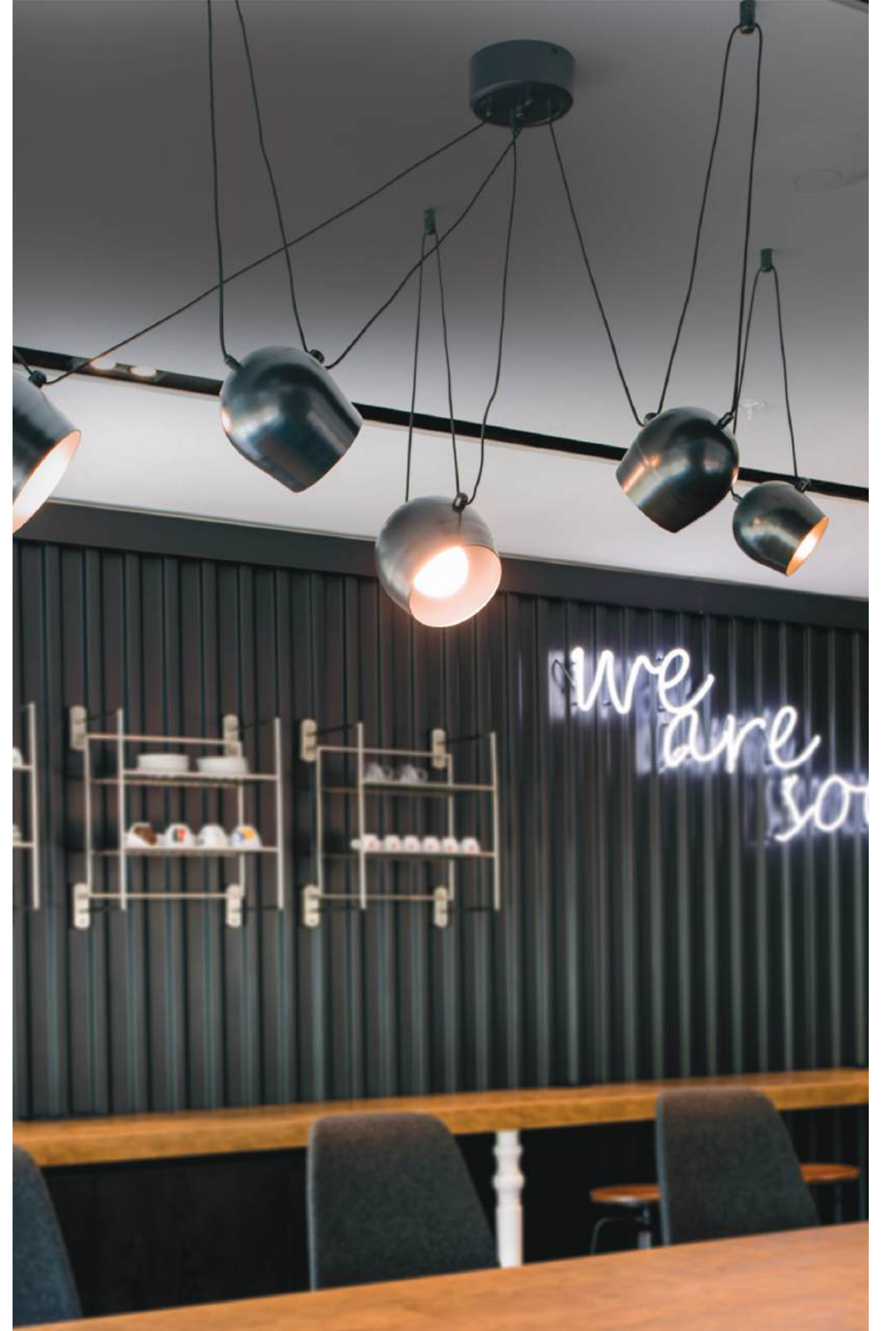
Gövde Body	:	Aluminyum enjeksiyon gövde Aluminum injection head
Işık Sıcaklığı Light Temperature	:	2700 K 3000 K 4000 K 6500 K
IP Koruma Sınıfı IP Protection Class	:	IP 44
Işık Kaynağı Source of Light	:	GU 10 Ampul GU 10 Bulb
Duy Tipi Lampholder Type	:	GU 10
Montaj Tipi Mounting Type	:	Kazıklı Piled

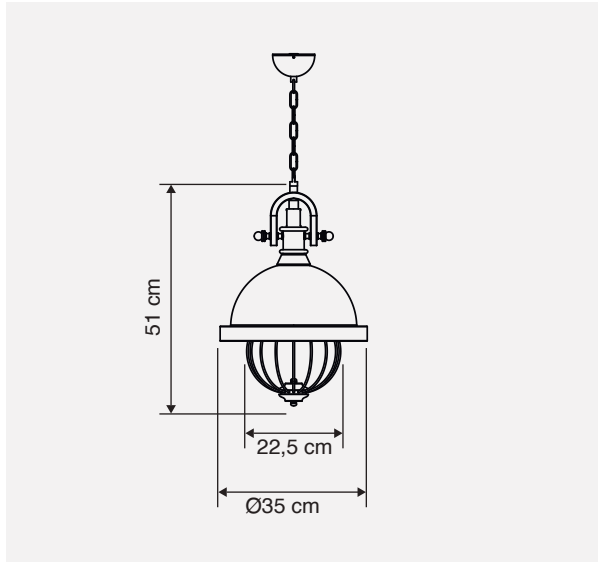


Renkler | Colors



SARKIT *pendant collection* KOLEKSIYONU





MS 150

Tasarım | Design : by Makrolight

Özellikler | Properties

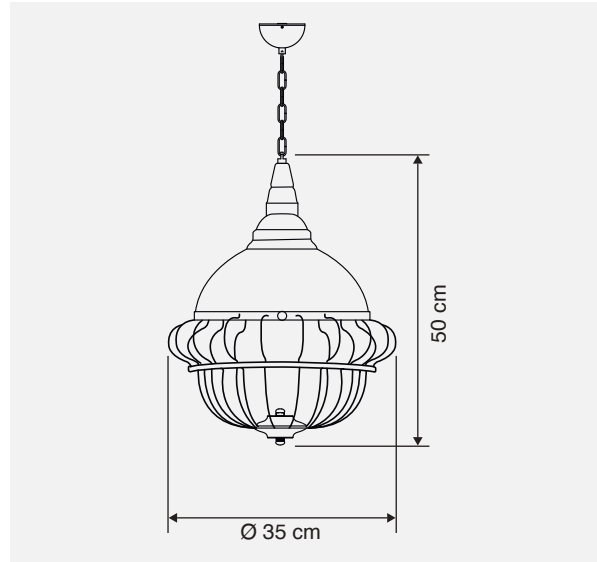
Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkit Pendant



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MS 152

Tasarım | Design : by Makrolight

Özellikler | Properties

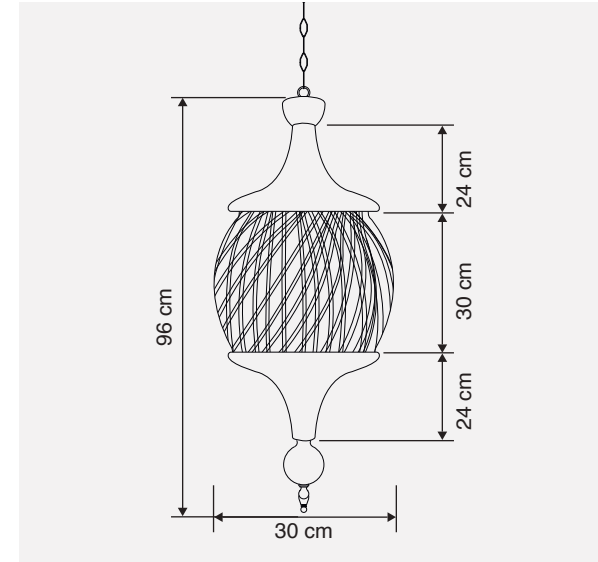
Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkit Pendant



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MS 153

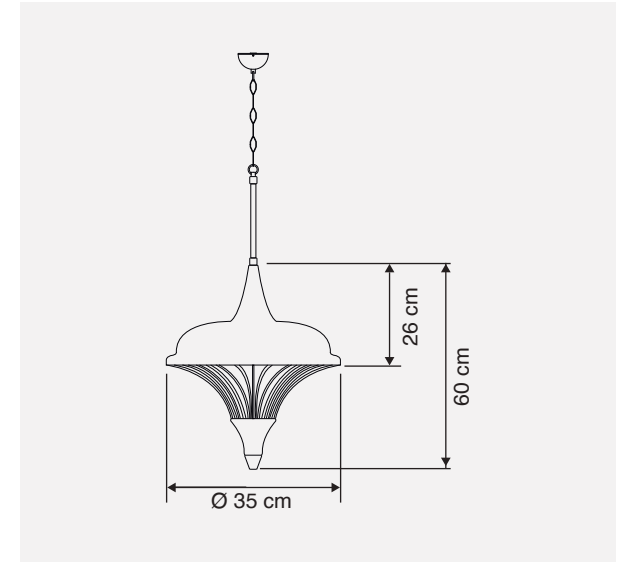
Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkit Pendant



Renkler | Colors



MS 154

Tasarım | Design : by Makrolight

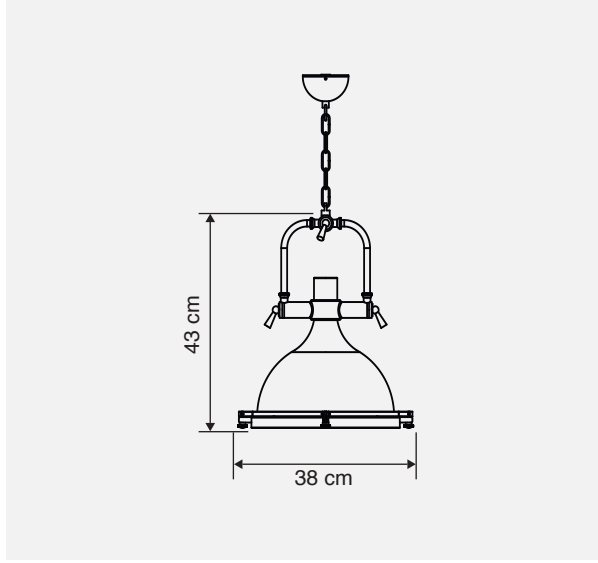
Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkit Pendant



Renkler | Colors





MS 156

Tasarım | Design : by Makrolight

Özellikler | Properties

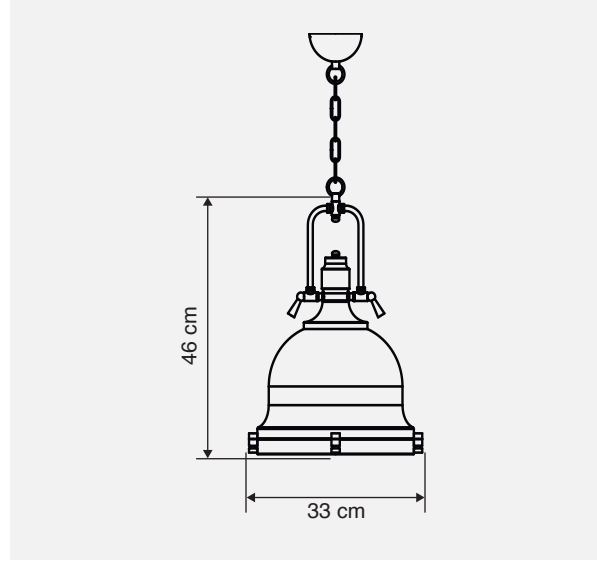
Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkit Pendant



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MS 157

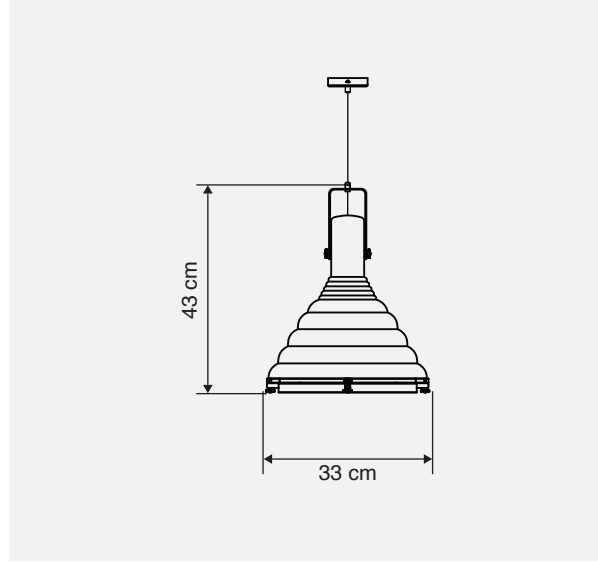
Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkit Pendant



Renkler | Colors



MS 158

Tasarım | Design : by Makrolight

Özellikler | Properties

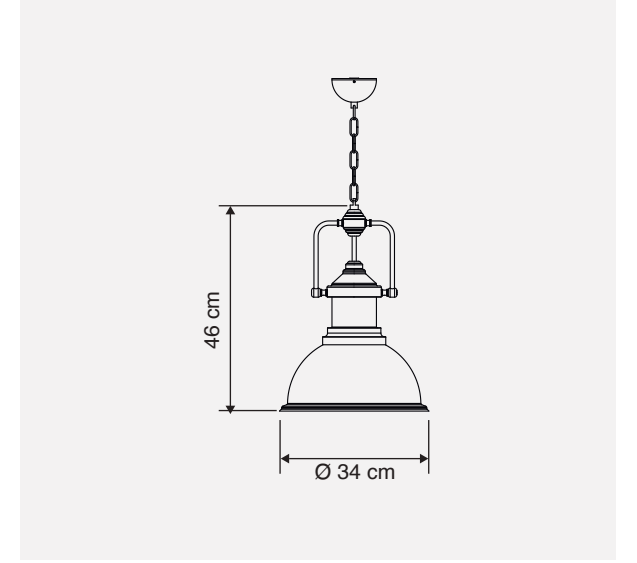
Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkit Pendant



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MS 159

Tasarım | Design : by Makrolight

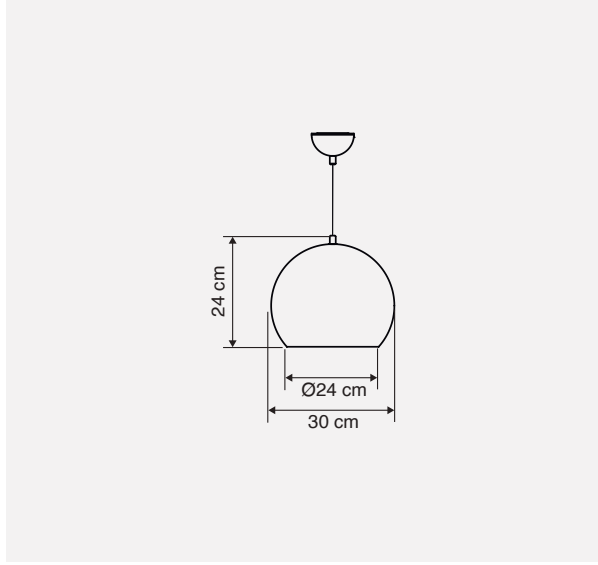
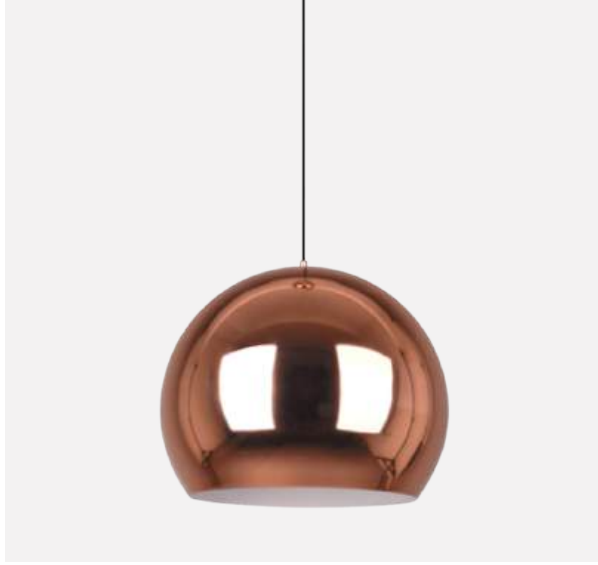
Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkit Pendant



Renkler | Colors





MS 162-3

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkıt Pendant



Renkler | Colors



MS 163-2

Tasarım | Design : by Makrolight

Özellikler | Properties

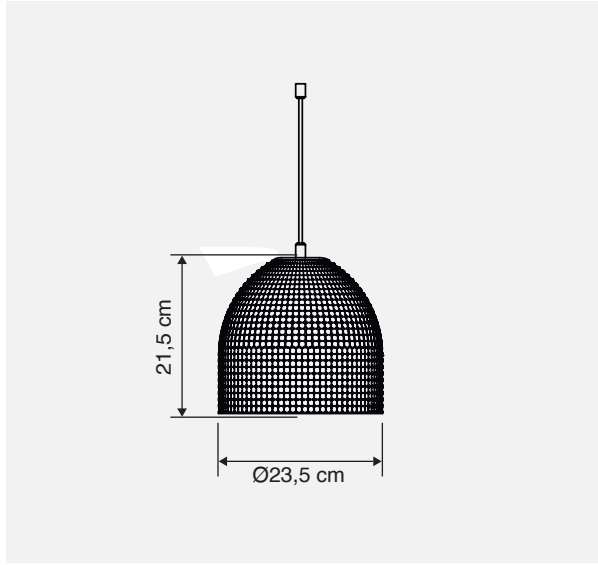
Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkıt Pendant



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MS 170

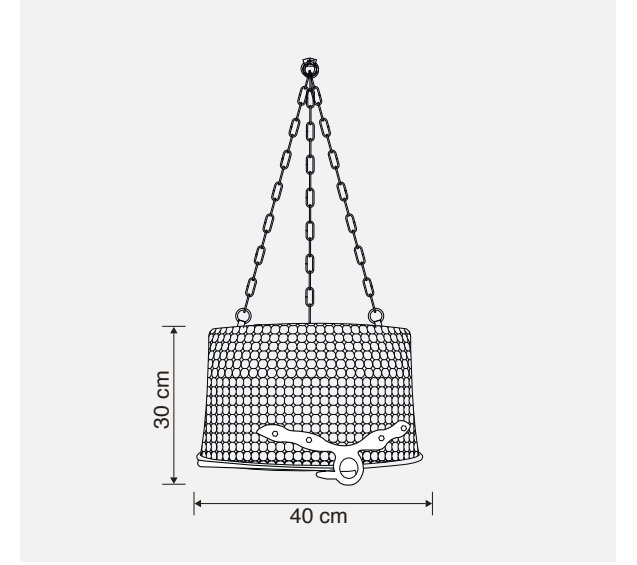
Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkıt Pendant



Renkler | Colors



MS 171

Tasarım | Design : by Makrolight

Özellikler | Properties

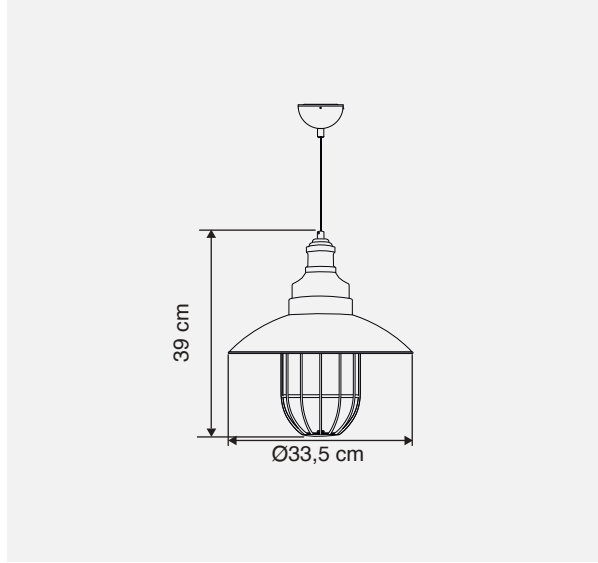
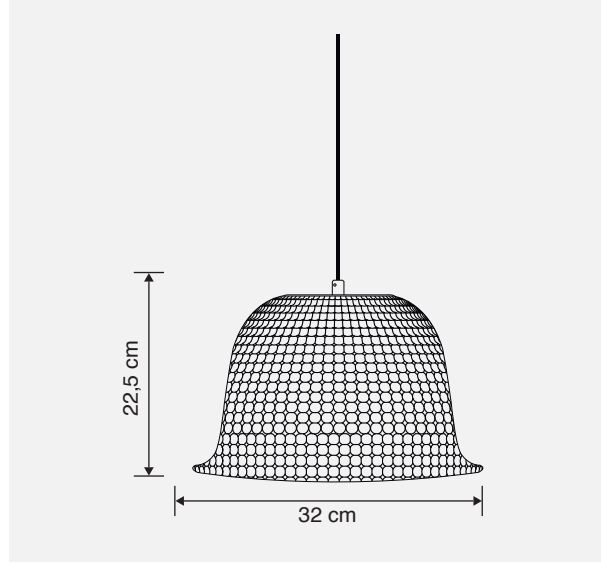
Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkıt Pendant



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MS 172

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkit Pendant

MS 173

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkit Pendant



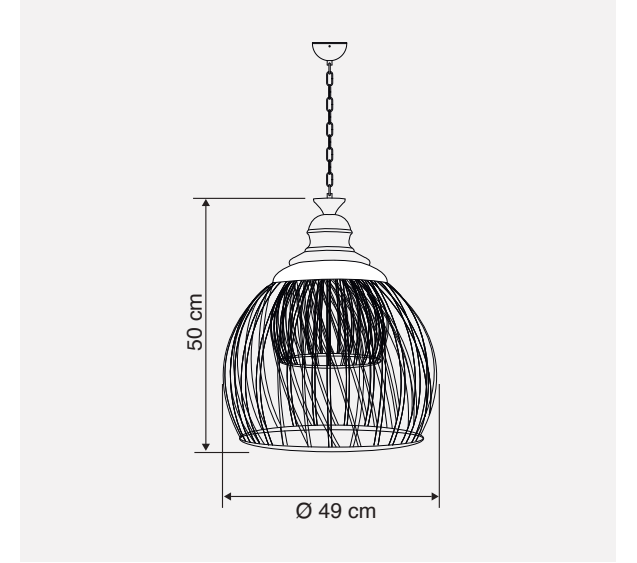
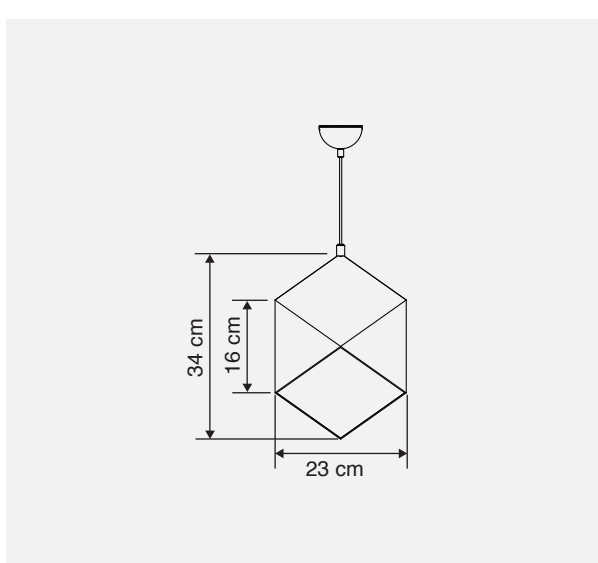
Renkler | Colors



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MS 181

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkit Pendant

MS 189

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkit Pendant



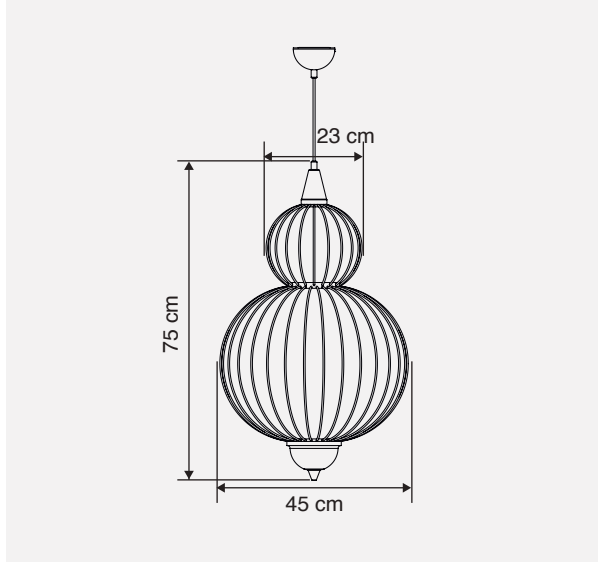
Renkler | Colors



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MS 192

Tasarım | Design : by Makrolight

Özellikler | Properties

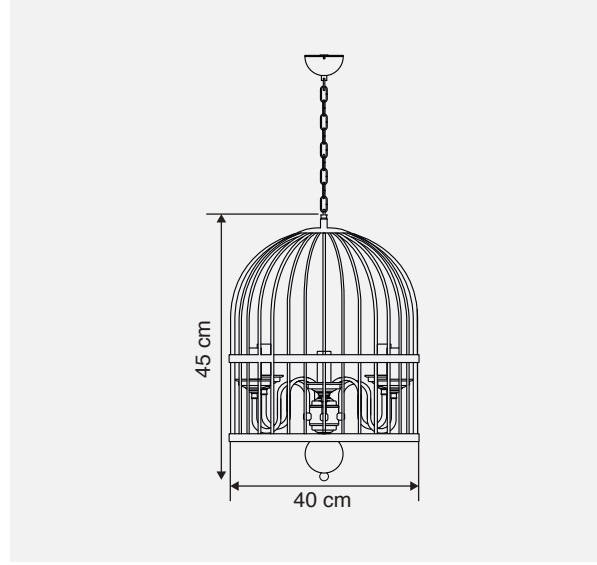
Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkit Pendant



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MS 201

Tasarım | Design : by Makrolight

Özellikler | Properties

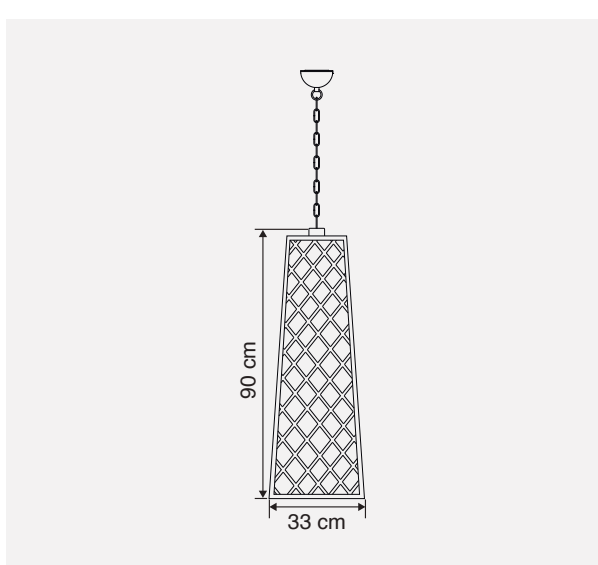
Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 14 Ampul E 14 Bulb
Montaj Tipi Mounting Type	:	Sarkit Pendant



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MS 204

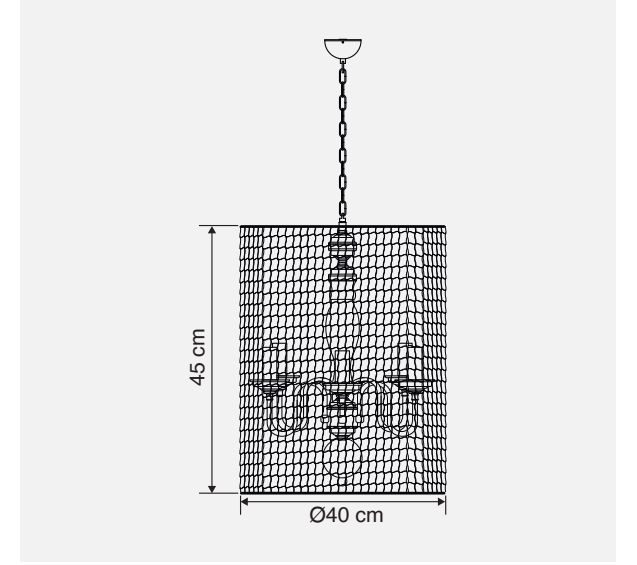
Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkit Pendant



Renkler | Colors



MS 205

Tasarım | Design : by Makrolight

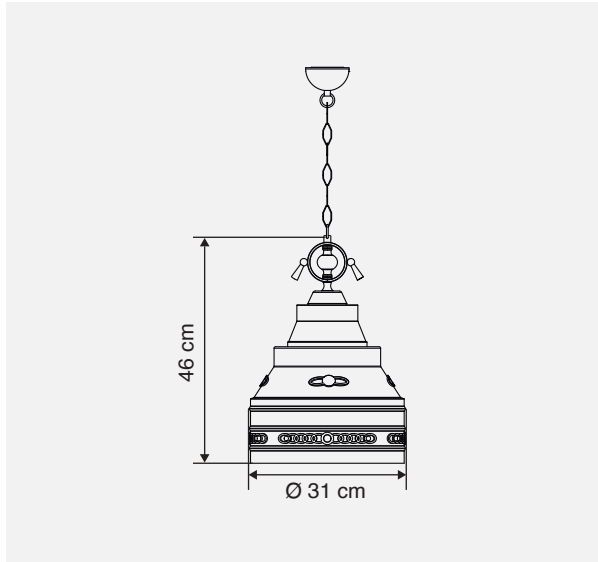
Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 14 Ampul E 14 Bulb
Montaj Tipi Mounting Type	:	Sarkit Pendant



Renkler | Colors





MS 211

Tasarım | Design : by Makrolight

Özellikler | Properties

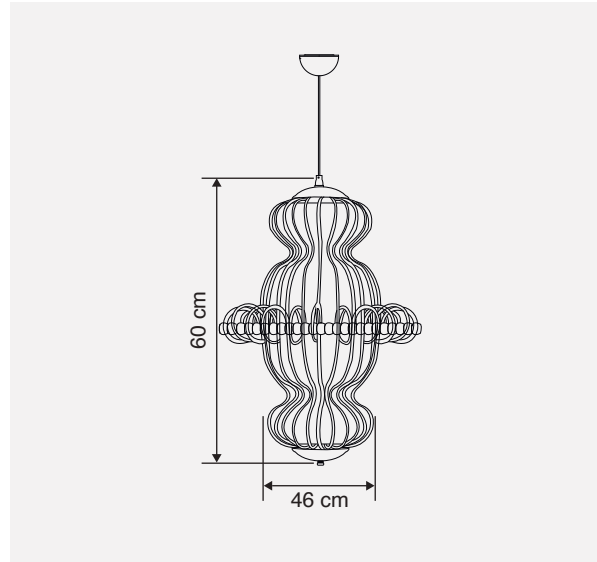
Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkit Pendant



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MS 196

Tasarım | Design : by Makrolight

Özellikler | Properties

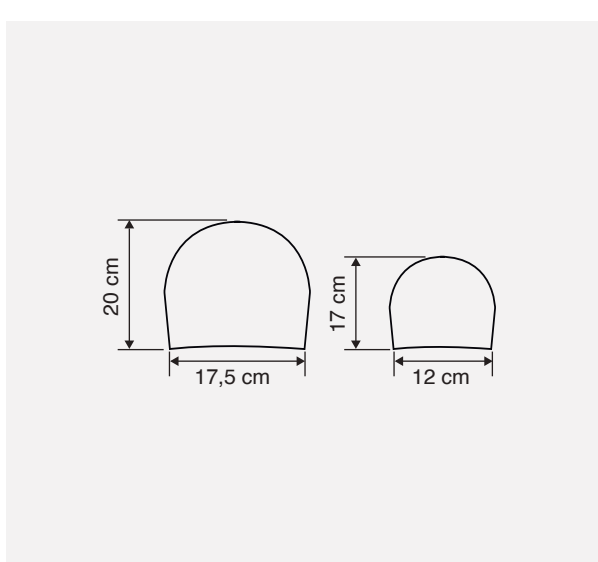
Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkit Pendant



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MS 220-1

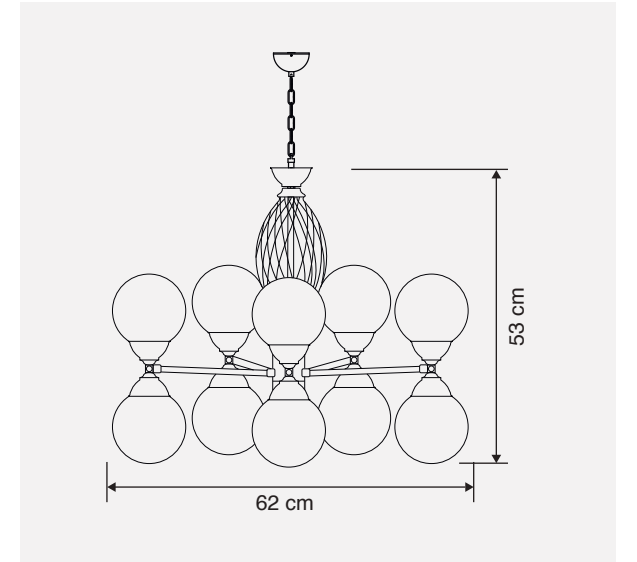
Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkit Pendant



Renkler | Colors



MS 230

Tasarım | Design : by Makrolight

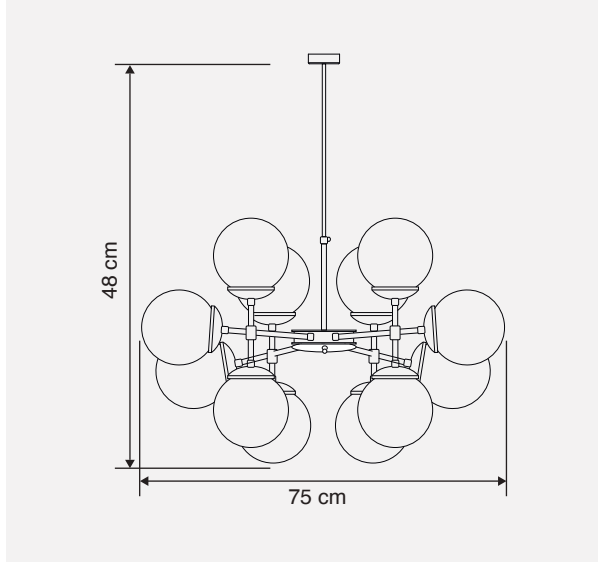
Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 14 Ampul E 14 Bulb
Montaj Tipi Mounting Type	:	Sarkit Pendant



Renkler | Colors





MS 231

Tasarım | Design : by Makrolight

Özellikler | Properties

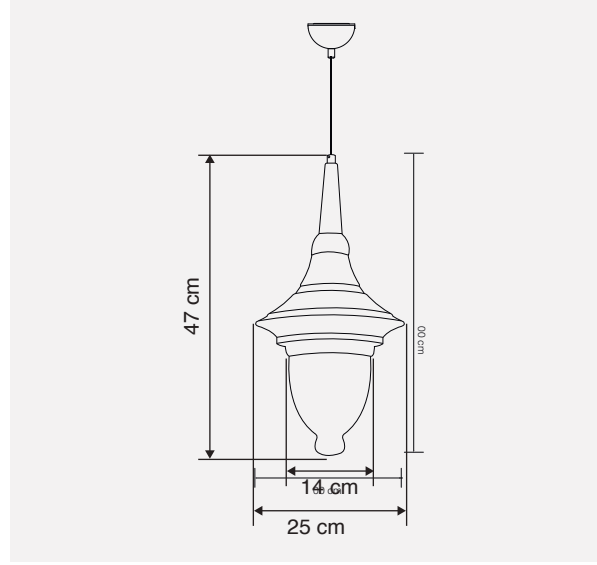
Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 14 Ampul E 14 Bulb
Montaj Tipi Mounting Type	:	Sarkıt Pendant



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MS 238

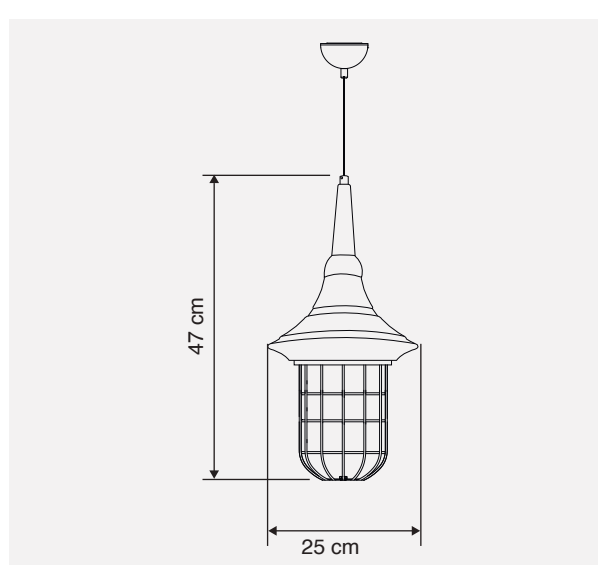
Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkıt Pendant



Renkler | Colors



MS 239

Tasarım | Design : by Makrolight

Özellikler | Properties

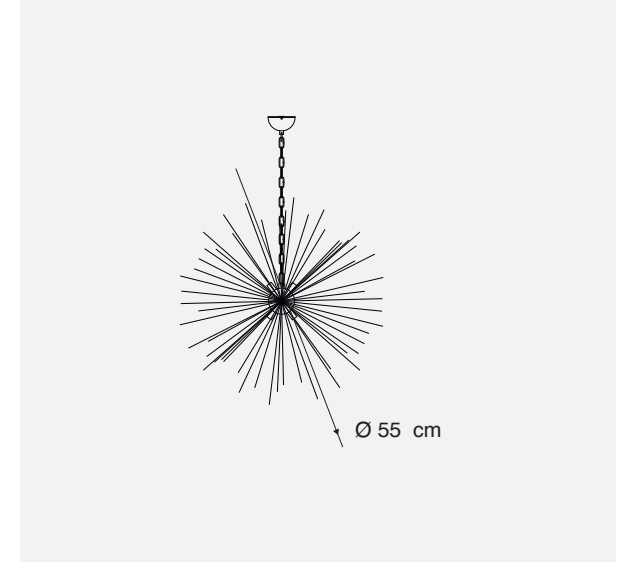
Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkıt Pendant



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MS 241-3

Tasarım | Design : by Makrolight

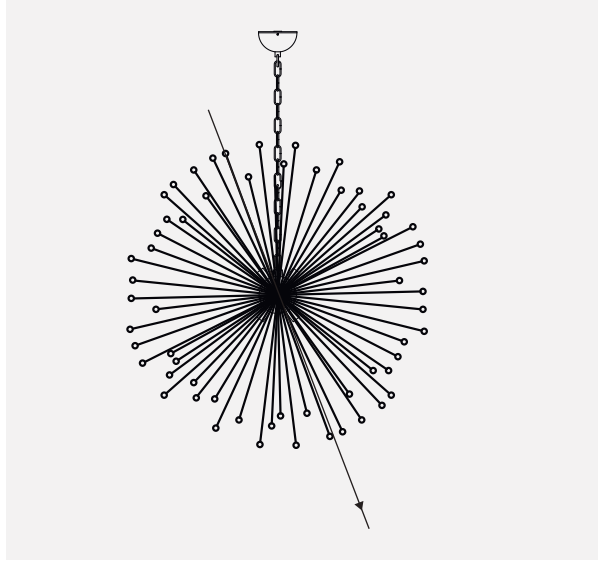
Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 14 Ampul E 14 Bulb
Montaj Tipi Mounting Type	:	Sarkıt Pendant



Renkler | Colors





MS 242

Tasarım | Design : by Makrolight

Özellikler | Properties

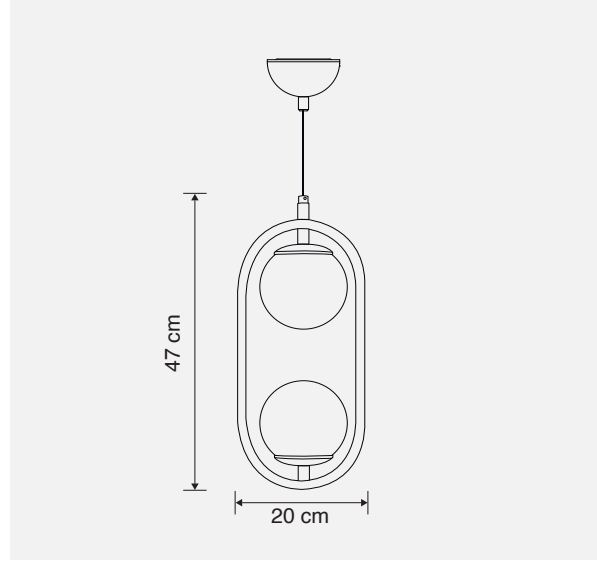
Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 14 Ampul E 14 Bulb
Montaj Tipi Mounting Type	:	Sarkit Pendant



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MS 243-1

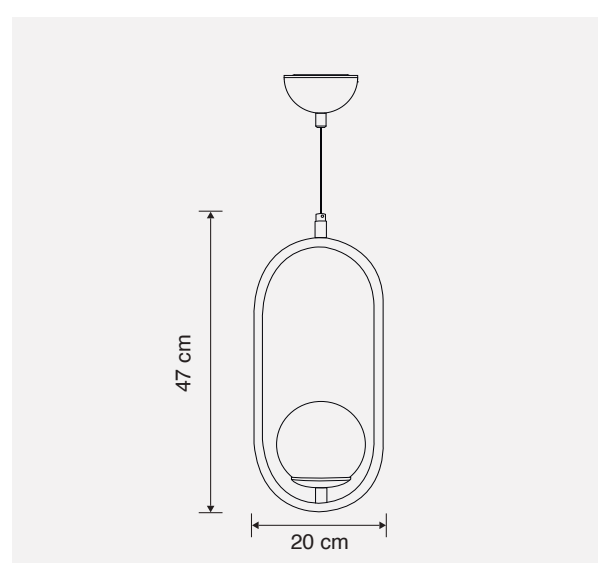
Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkit Pendant



Renkler | Colors



MS 243-2

Tasarım | Design : by Makrolight

Özellikler | Properties

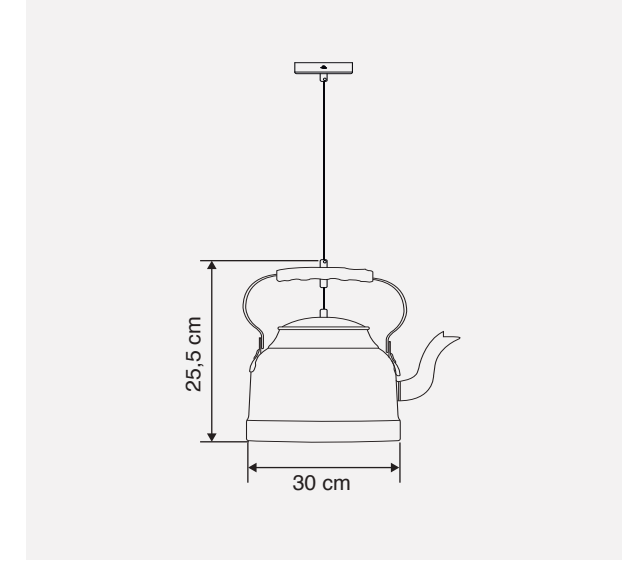
Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkit Pendant



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MS 265

Tasarım | Design : by Makrolight

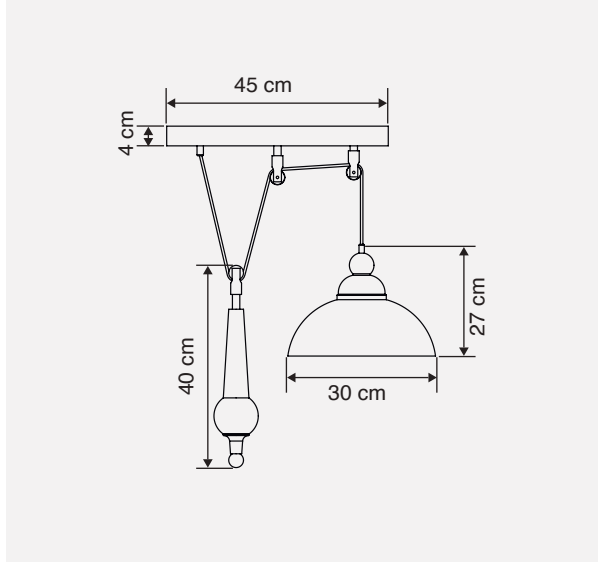
Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkit Pendant



Renkler | Colors





MS 262

Tasarım | Design : by Makrolight

Özellikler | Properties

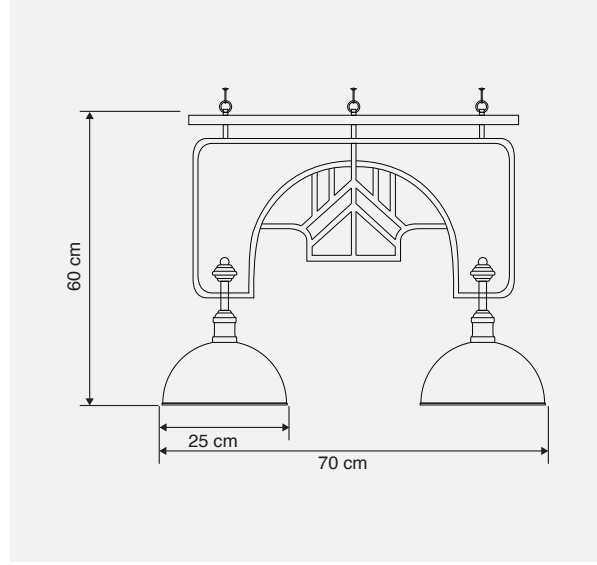
Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkıt Pendant



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MS 267

Tasarım | Design : by Makrolight

Özellikler | Properties

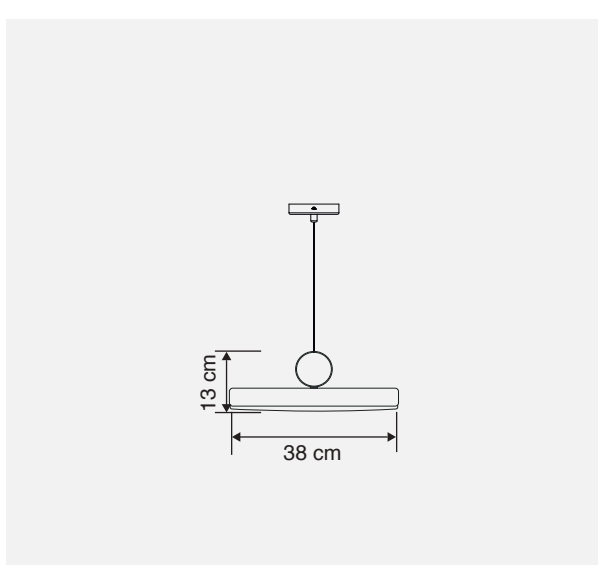
Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkıt Pendant



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MS 269-1

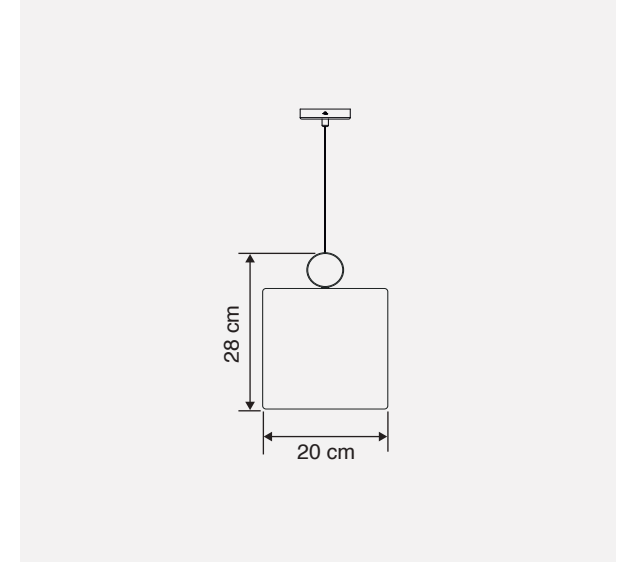
Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Montaj Tipi Mounting Type	:	Sarkıt Pendant



Renkler | Colors



MS 269-2

Tasarım | Design : by Makrolight

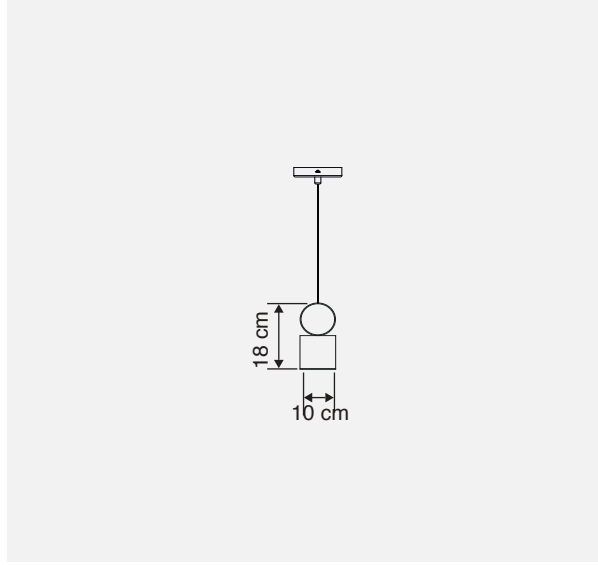
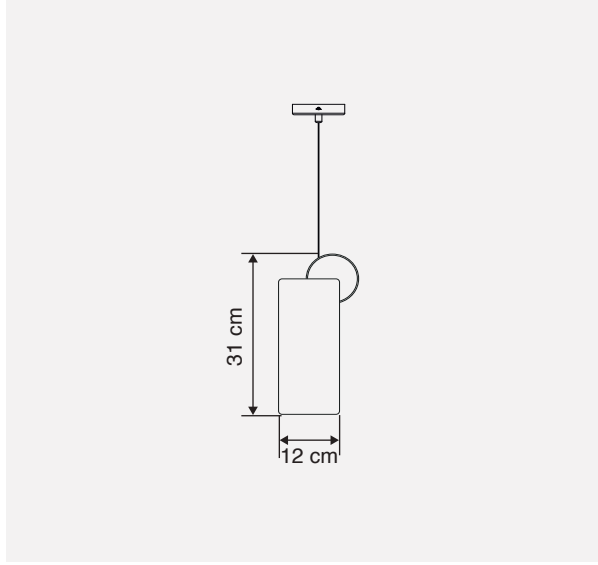
Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Montaj Tipi Mounting Type	:	Sarkıt Pendant



Renkler | Colors





MS 269-3

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Montaj Tipi Mounting Type	:	Sarkit Pendant



Renkler | Colors



MS 269-4

Tasarım | Design : by Makrolight

Özellikler | Properties

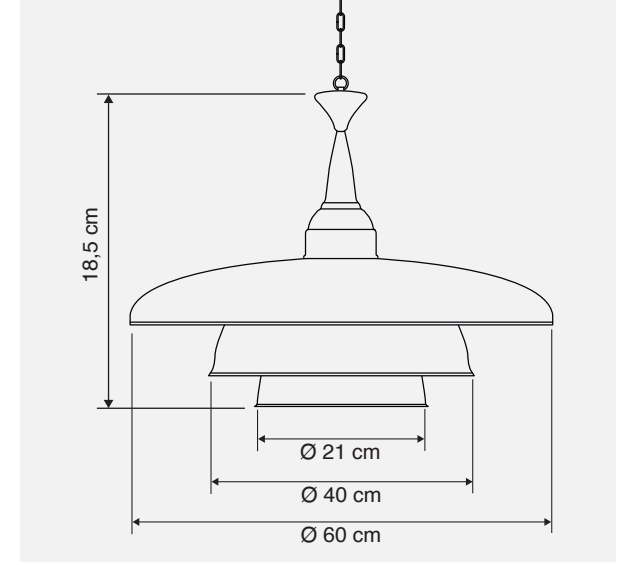
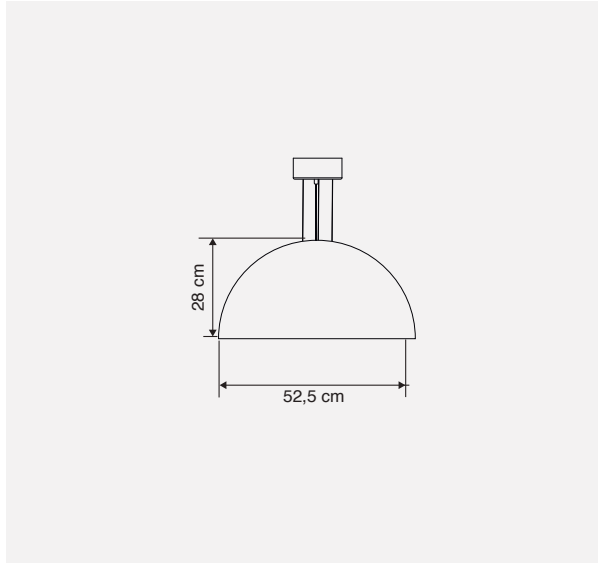
Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Montaj Tipi Mounting Type	:	Sarkit Pendant



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



MS 283-3

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkit Pendant



Renkler | Colors



MS 284

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Sarkit Pendant

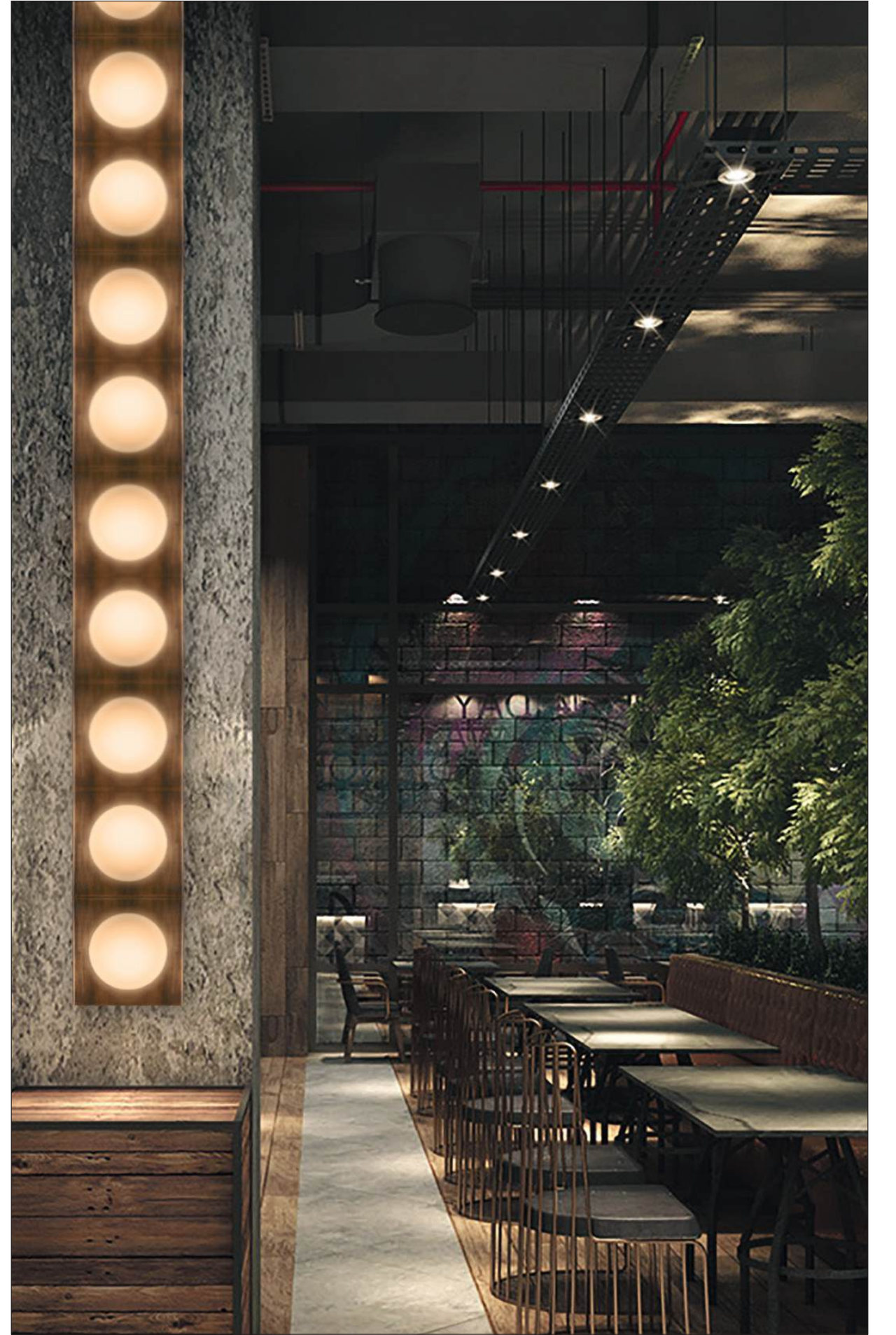


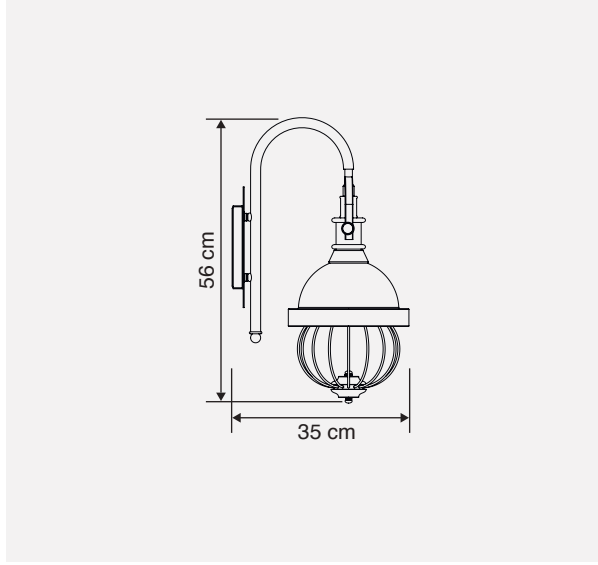
Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO

APLIK *sconce collection* KOLEKSİYONU





ME 150

Tasarım | Design : by Makrolight

Özellikler | Properties

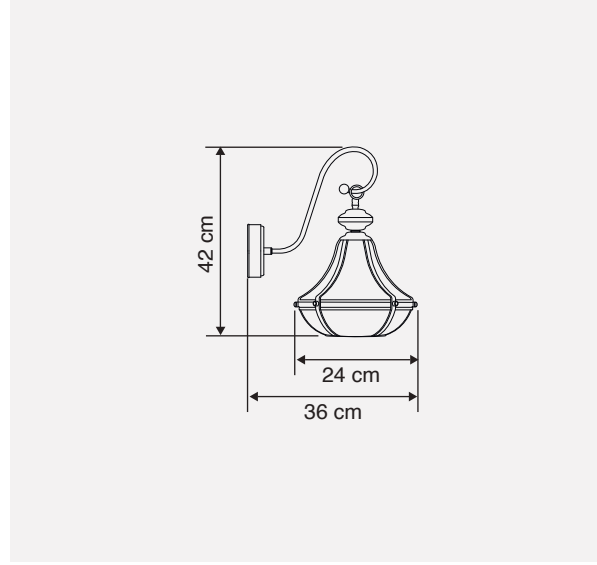
Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Aplik Sconce



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



ME 151

Tasarım | Design : by Makrolight

Özellikler | Properties

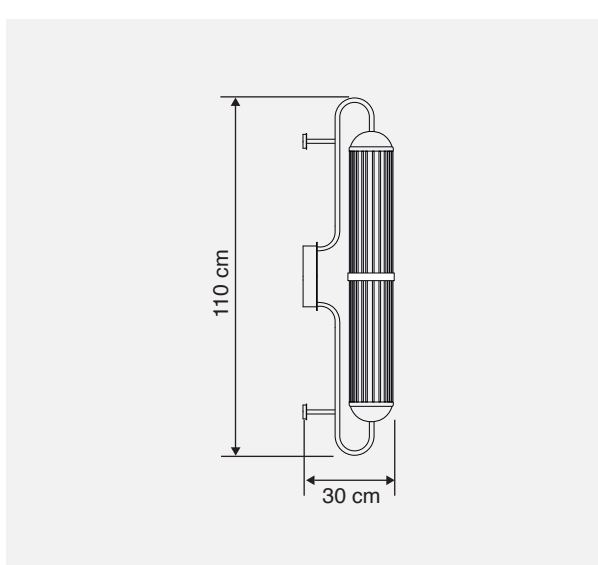
Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Aplik Sconce



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



ME 152

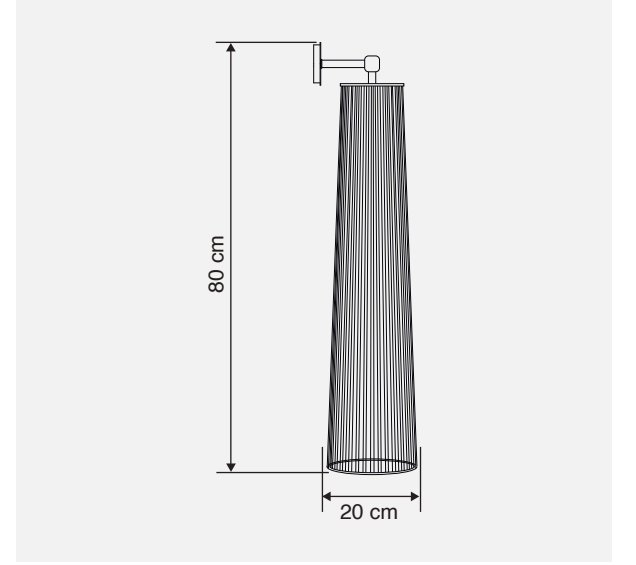
Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Aplik SconceType



Renkler | Colors



ME 153

Tasarım | Design : by Makrolight

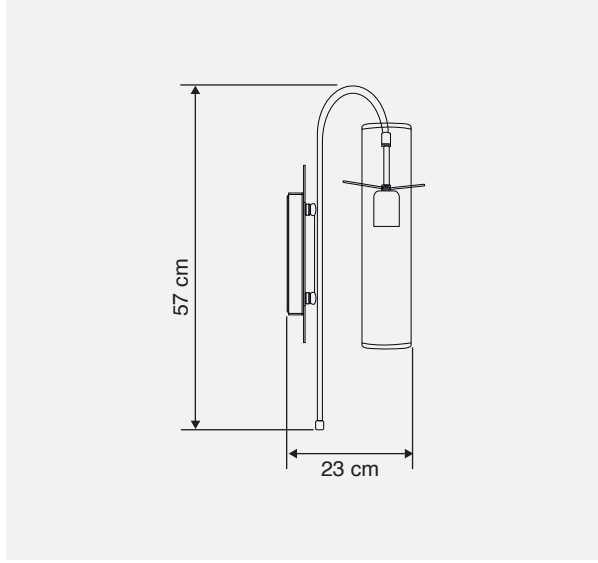
Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Aplik SconceType



Renkler | Colors





ME 154

Tasarım | Design : by Makrolight

Özellikler | Properties

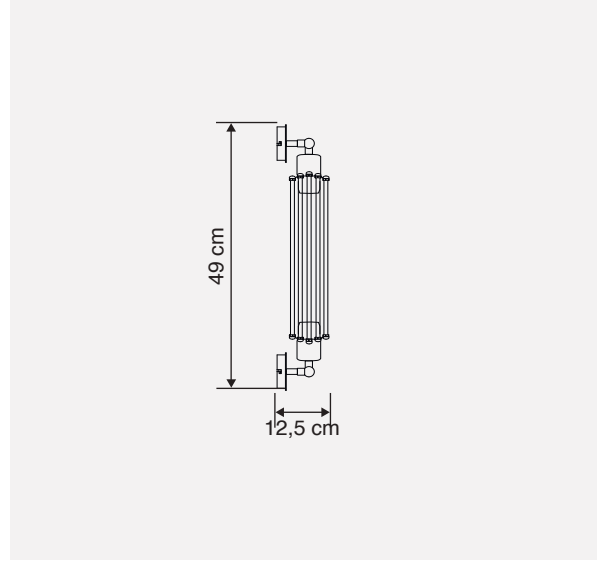
Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Aplik Sconce



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



ME 155

Tasarım | Design : by Makrolight

Özellikler | Properties

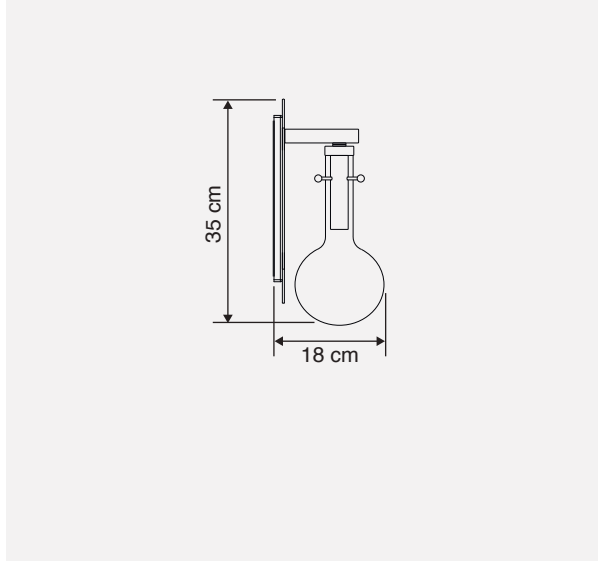
Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Aplik Sconce



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



ME 157

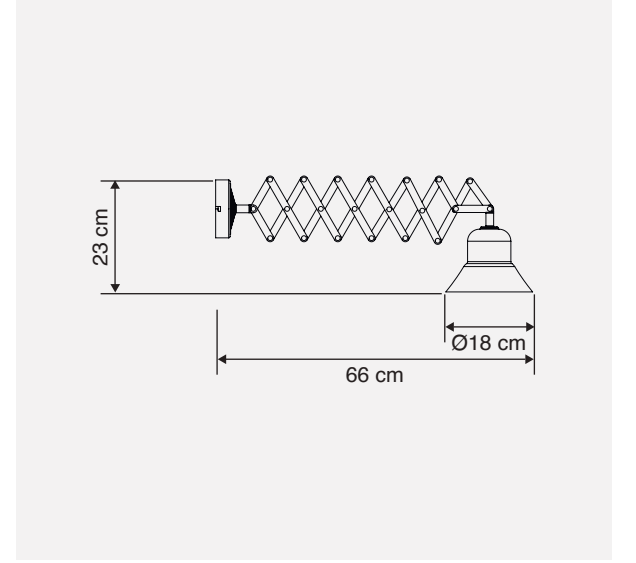
Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 14 Ampul E 14 Bulb
Montaj Tipi Mounting Type	:	Aplik SconceType



Renkler | Colors



ME 160

Tasarım | Design : by Makrolight

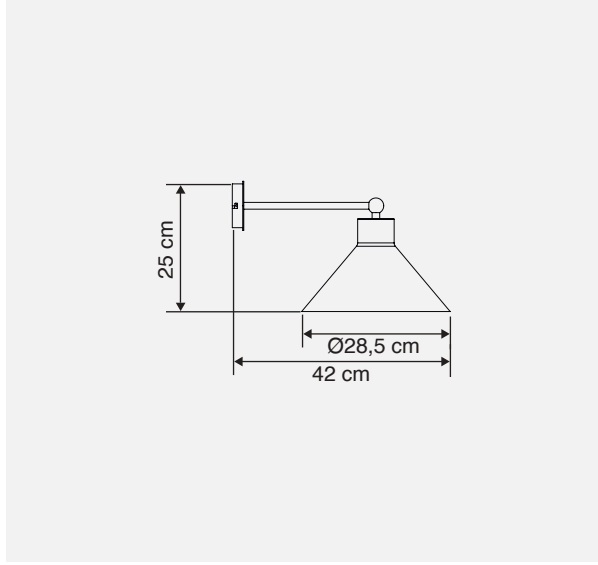
Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Aplik SconceType



Renkler | Colors





ME 163

Tasarım | Design : by Makrolight

Özellikler | Properties

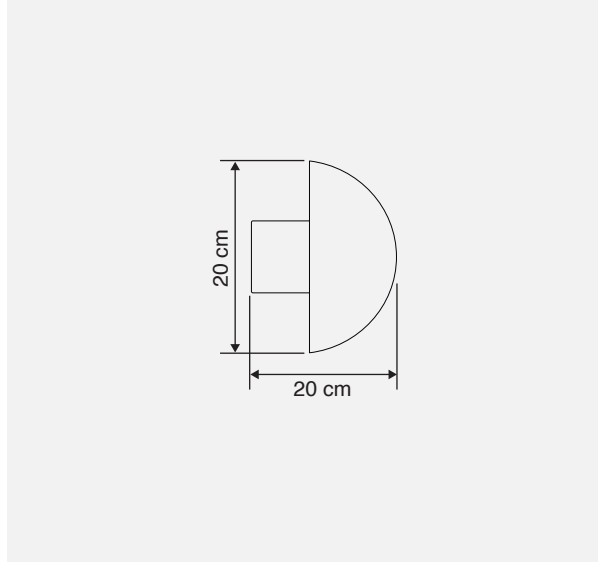
Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Aplik Sconce



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



ME 171

Tasarım | Design : by Makrolight

Özellikler | Properties

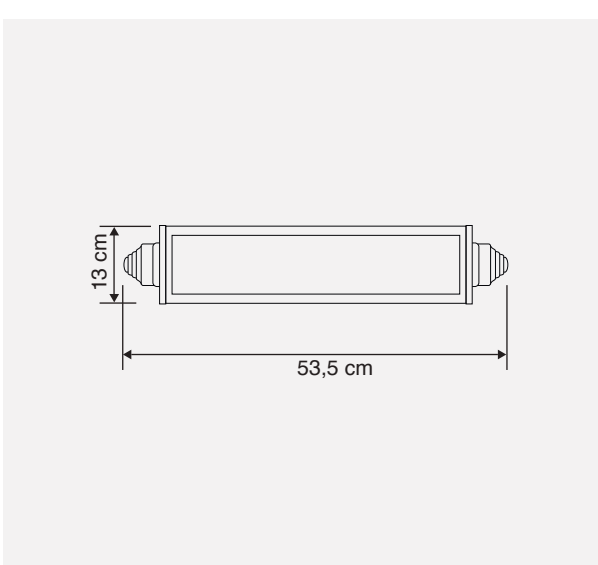
Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Aplik Sconce



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



ME 176

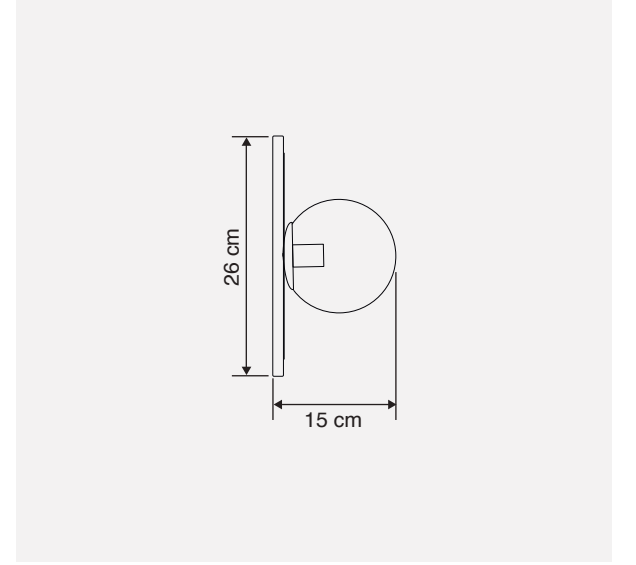
Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Montaj Tipi Mounting Type	:	Aplik SconceType



Renkler | Colors



ME 177

Tasarım | Design : by Makrolight

Özellikler | Properties

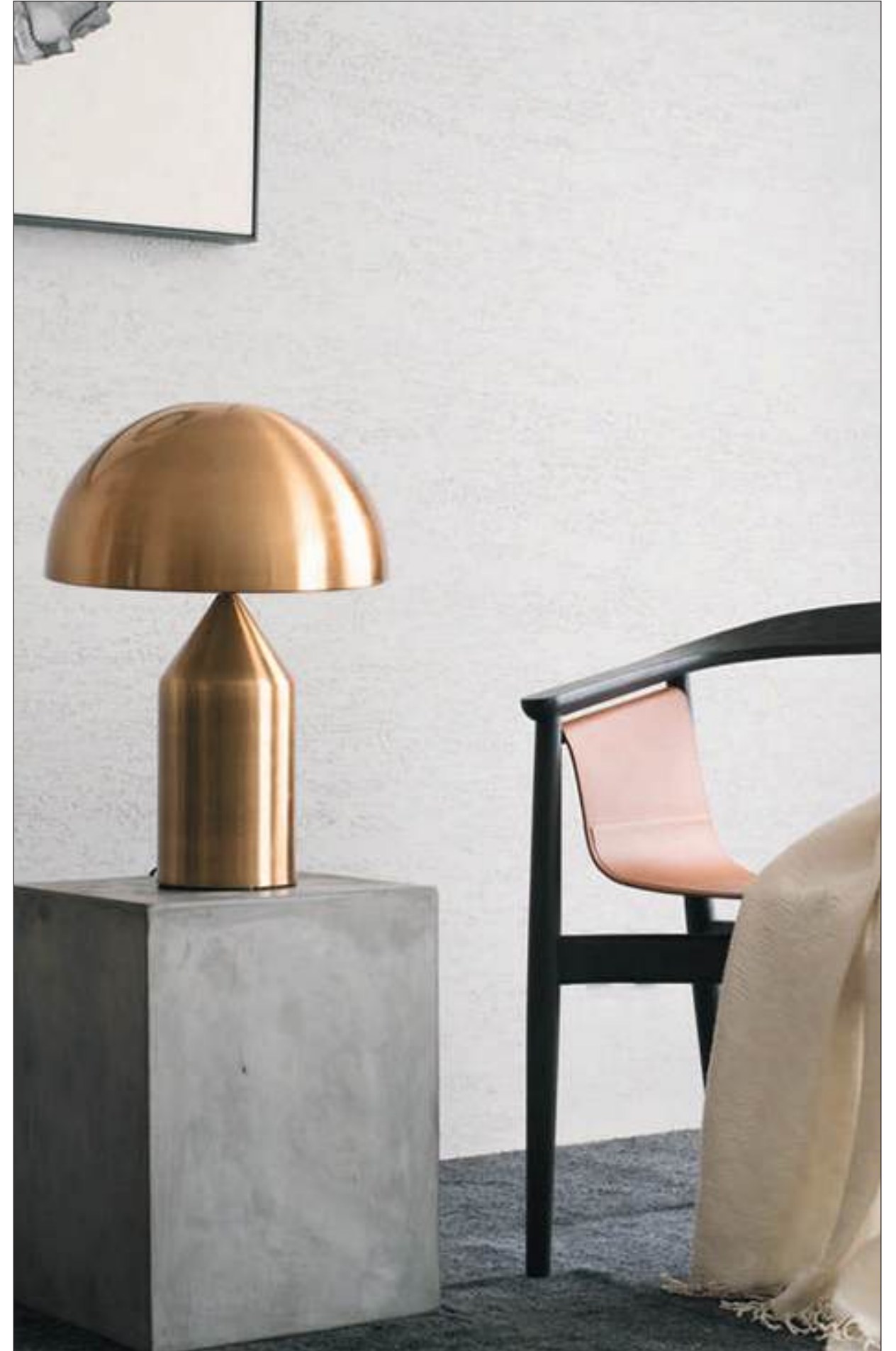
Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Aplik SconceType

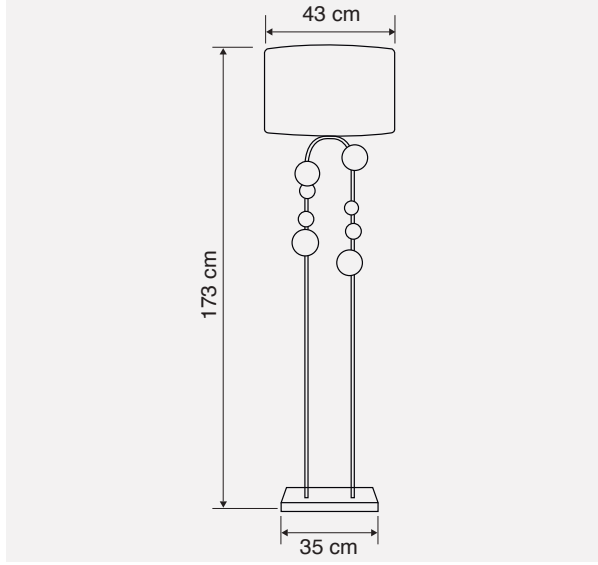


Renkler | Colors



LAMBADER *lampshade collection* KOLEKSIYONU





ME 180

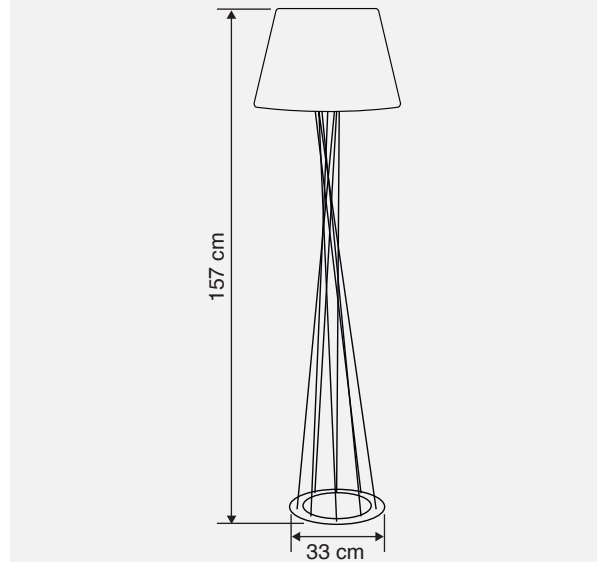
Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Lambader Lampshade



Renkler | Colors



ME 179

Tasarım | Design : by Makrolight

Özellikler | Properties

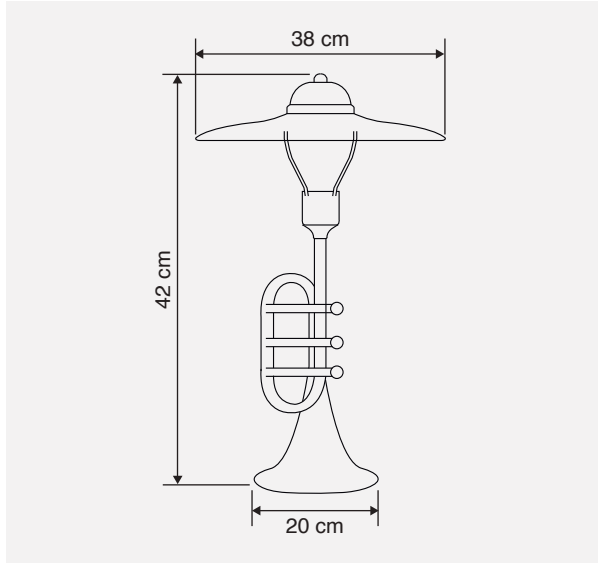
Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Lambader Lampshade



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



ME 187

Tasarım | Design : by Makrolight

Özellikler | Properties

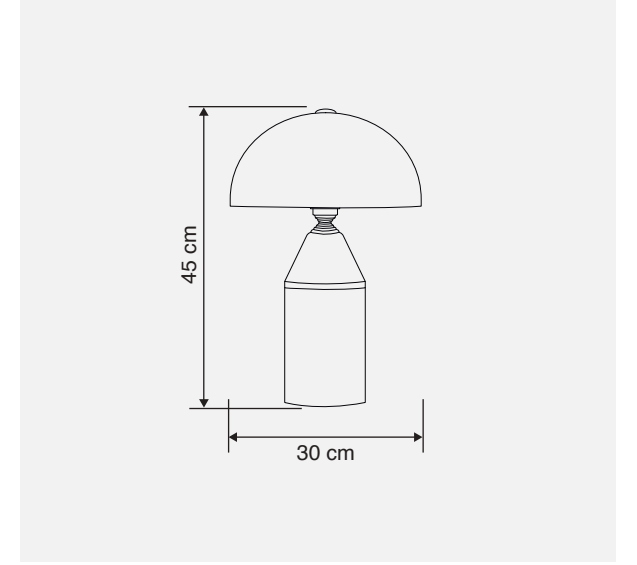
Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Lambader Lampshade



Renkler | Colors



MAKROLIGHT
LIGHTING STUDIO



ME 199

Tasarım | Design : by Makrolight

Özellikler | Properties

Gövde Body	:	Metal kaplamalı gövde Metal coated body
IP Koruma Sınıfı IP Protection Class	:	IP 20
Işık Kaynağı Source of Light	:	E 27 Ampul E 27 Bulb
Montaj Tipi Mounting Type	:	Lambader Lampshade



Renkler | Colors





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