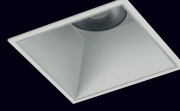


Royal IP Downlight

Royal 180

Outer Dimension / Dış Ölçü

180x180mm



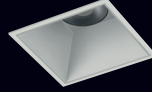
Cutout / Delik Ölçüsü

165x165mm

Royal 158

Outer Dimension / Dış Ölçü

158x158mm



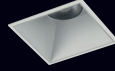
Cutout / Delik Ölçüsü

145x145mm

Royal 136

Outer Dimension / Dış Ölçü

136x136mm



Cutout / Delik Ölçüsü

125x125mm

Royal 100

Outer Dimension / Dış Ölçü

100x100mm



Cutout / Delik Ölçüsü

90x90mm

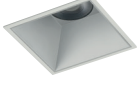



Royal is a new generation IP65 downlight family of AVOLUX. It has magnificent design that integrates >115lm/W efficiency and different beam and Kelvin options. This downlight family has four different size in both round and square options. Practical ceiling clips enables easy installation on site.

Latest LED technology with highest lumen/watt integrated with high efficient anodized mat silver aluminium reflector and Lens optic combination makes Royal IP downlight range efficient and environment friendly lighting solution.





Royal AVOLUX'un yeni geliştirdiği IP65 downlight armatür ailesidir. Mükemmel teknik tasarımı sayesinde >115lm/W verim sağlar. Hem yuvarlak hem kare versiyonunda dört farklı çapa sahip bu aile farklı kelvin ve açı seçenekleri de sunar. Pratik yay sistemi ile sahada kolay montaj olanağı sunar.

Son teknoloji yüksek lümen/watt değerlerine sahip COB Led ile beraber yüksek verimli anodize mat reflektör ve Lens optik birleşimine sahip Royal downlight serisi yüksek verimli aydınlatma sağlar.

DIM Options / DIM seçenekleri

| | |  |  |  |  |
|-------------------------------|------------------------|---|---|--|---|
| | | Royal 180 IP | Royal 158 IP | Royal 136 IP | Royal 100 IP |
| ON-OFF | | • | • | • | • |
| PHASE CUT DIM / FAZ DIM | Ext.Code / Kod: .PH | • | • | • | • |
| 1-10V DIM | Ext.Code / Kod: .VO | • | • | • | • |
| DALI DIM | Ext.Code / Kod: .DA | • | • | • | • |
| WIRELESS DIM / KABLOSUZ DIM | Ext.Code / Kod: .WD | • | • | • | • |
| WARM DIM / SICAK DIM | Ext.Code / Kod: .WM | • | • | • | • |
| TUNABLE WHITE / DİNAMİK BEYAZ | Ext.Code / Kod: .TW | • | • | • | • |

Accessories / Aksesuarlar

| | |  |  |  |  |
|-----------------------------------|-------------------------|---|---|--|---|
| | | Royal 180 IP | Royal 158 IP | Royal 136 IP | Royal 100 IP |
| Honeycomb Filter / Petekli Filtre | Ext.Code / Kod: .VBP | • | • | • | • |

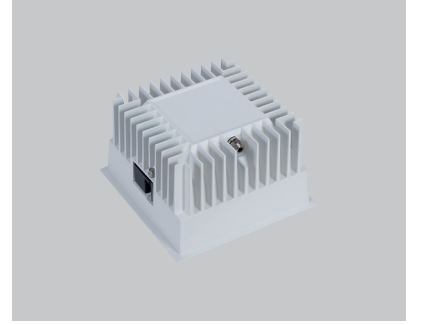
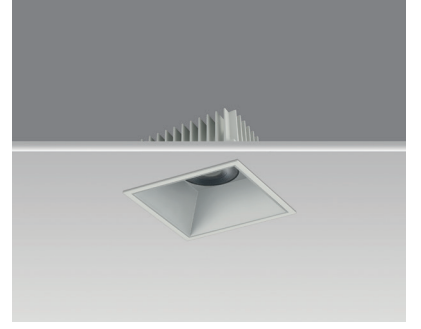
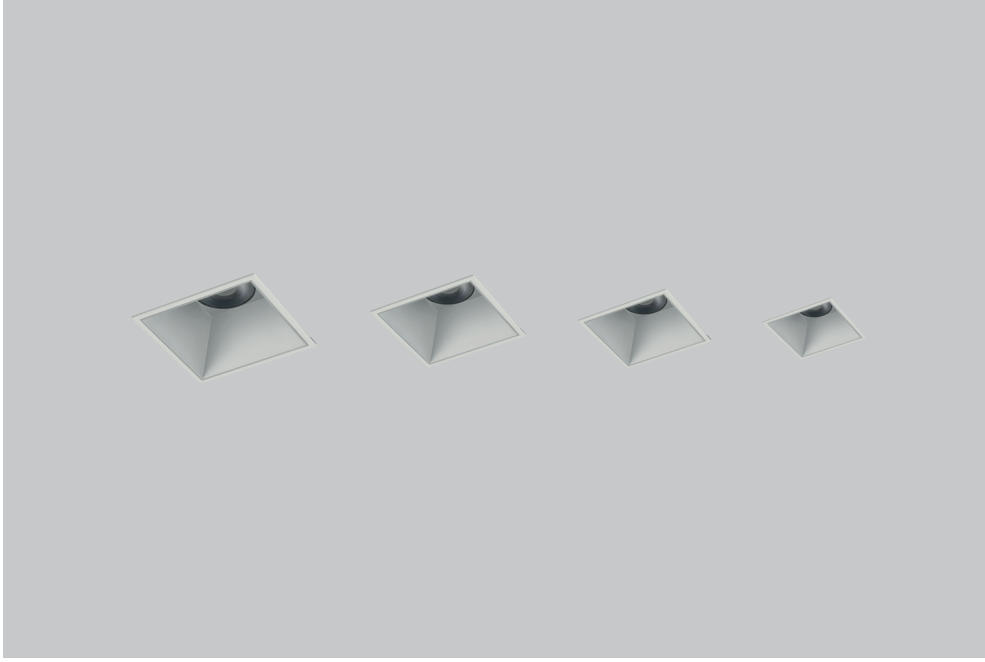
EN

- Die-cast aluminium body.
- Mains voltage: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Classic dimming systems of DALI, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray, Dark Gray, RAL9010 and special color options.
- IP65 Protection rating.
- Matt Silver front reflector.
- Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80 and high CRI>90 LED options available.
- Up to 115lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.
- L80 B10 50000hrs and five years warranty.

TR

- Alüminyum enjeksiyon gövde.
- 220-240V / 50-60Hz enerji girişi.
- Pasif soğutma teknolojisine sahip akıllı soğutma tasarımı.
- Klasik DALI, 1-10V ve Faz DIM seçenekleri uygulanabilir.
- Yüksek teknoloji kontrol sistemleri olan Kablosuz DIM, Sıcak DIM ve Dinamik Beyaz uygulamaları yapılabilir.
- Standart renk seçenekleri: Beyaz, Siyah, Gri, Koyu Gri, RAL9010 yanında isteğe bağlı özel renk seçenekleri uygulanabilir.
- IP65 koruma sınıfı.
- Kumlu mat reflektörlü.
- Dar, Orta, Geniş ve Çok Geniş ışık açısı seçenekleri mevcuttur.
- Standart CRI>80 ve yüksek CRI>90 LED seçenekleri mevcuttur.
- 115lm/W'a varan verim.
- Yüksek renk uyumu: <3 SDCM
- Acil aydınlatma kit sistemi uygulanabilir.
- L80 B10 50000 saat ve beş yıl garanti.

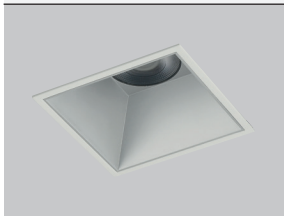
Royal IP



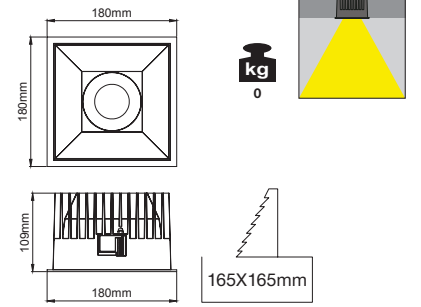
5 / Product Color / Ürün Renk



Royal 180 IP / O07.MLR.10335



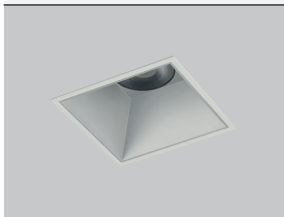
| Power / Güç | CRI | Order Code / Sipariş Kodu | Kelvin | Lümen T _C =50° Lümen |
|-------------|--------|---|--------|---------------------------------|
| 45W | CRI>80 | O07.MLR.10335 . (.) . (...) . (.) . (.) | 2700K | 4333 |
| | | | 3000K | 4469 |
| | | | 3500K | 4509 |
| | | | 4000K | 4579 |
| | | | 5000K | 4628 |
| | | | 6500K | X |



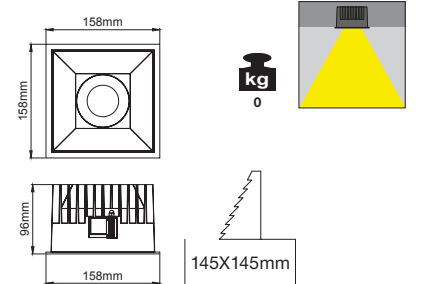
* Code example / Kod örneği:

O07.MLR.10335 . 45 . 827 . SP . 01

Royal 158 IP / O07.MLR.10330



| Power / Güç | CRI | Order Code / Sipariş Kodu | Kelvin | Lümen T _C =50° Lümen |
|-------------|--------|---|--------|---------------------------------|
| 35W | CRI>80 | O07.MLR.10330 . (.) . (...) . (.) . (.) | 2700K | 3612 |
| | | | 3000K | 3776 |
| | | | 3500K | 3804 |
| | | | 4000K | 3870 |
| | | | 5000K | 3904 |
| | | | 6500K | X |

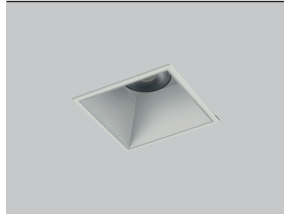


* Code example / Kod örneği:

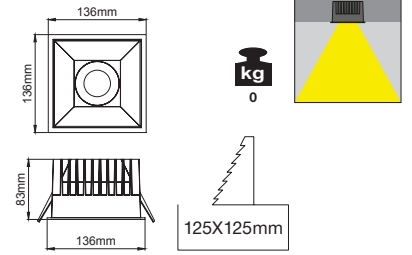
O07.MLR.10330 . 35 . 827 . SP . 01

Royal IP

Royal 136 IP / 007.MLR.10325



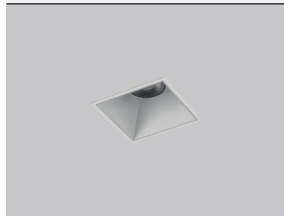
| Power / Güç | CRI | Order Code / Sipariş Kodu | Kelvin | Lümen T _c =50° Lümen |
|-------------|--------|---|--------|---------------------------------|
| 25W | CRI>80 | 007.MLR.10325 . (..) . (..) . (..) . (..) | 2700K | 2681 |
| | | | 3000K | 2797 |
| | | | 3500K | 2807 |
| | | | 4000K | 2872 |
| | | | 5000K | 2875 |
| | | | 6500K | X |



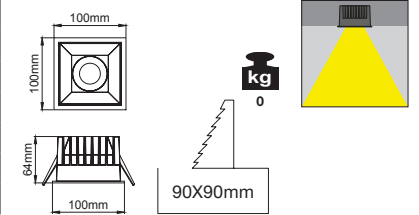
* Code example / Kod örneği:

007.MLR.10325 . 25 . 827 . SP . 01
 1 2 3 4 5

Royal 100 IP / 007.MLR.10320



| Power / Güç | CRI | Order Code / Sipariş Kodu | Kelvin | Lümen T _c =50° Lümen |
|-------------|--------|---|--------|---------------------------------|
| 15W | CRI>80 | 007.MLR.10320 . (..) . (..) . (..) . (..) | 2700K | 1730 |
| | | | 3000K | 1904 |
| | | | 3500K | 1959 |
| | | | 4000K | 1970 |
| | | | 5000K | 1977 |
| | | | 6500K | X |



* Code example / Kod örneği:

007.MLR.10320 . 15 . 827 . SP . 01
 1 2 3 4 5

- 1- Product code / Armatür kodu
- 2- Power / Güç
- 3- CRI / Kelvin
- 4- Reflector angle / Reflektör açısı
- 5- Colour / Ürün renk

| 2 | Watt - Driving Current / Watt - Sürüş Akımı | | 3 | | CRI / Kelvin | | 4 | Reflector Angle / Reflektör Açısı | | 5 | | Product Color / Ürün Renk | |
|----|---|-----------------|-----|----------------|-----------------|------------------|----|-----------------------------------|-------|---|--|---------------------------|--|
| | Watt | Driving Current | CRI | Kelvin | Reflector Angle | Product Color | | Code | Color | | | | |
| 45 | 45W | 1200mA | 827 | CRI>80 - 2700K | SP | 17° - Spot | 01 | white | | | | | |
| 35 | 35W | 900mA | 830 | CRI>80 - 3000K | ME | 23° - Medium | 02 | ral 9010 | | | | | |
| 25 | 25W | 600mA | 835 | CRI>80 - 3500K | FL | 34° - Flood | 03 | black | | | | | |
| 15 | 15W | 350mA | 840 | CRI>80 - 4000K | WF | 55° - Wide Flood | 04 | gray | | | | | |
| | | | 850 | CRI>80 - 5000K | | | 05 | dark gray | | | | | |
| | | | | | | | 06 | special color | | | | | |

See page 642 - 643 for ldt files. /
 Işık eğrileri için sayfa 642 - 643 bakınız.