

# MOYRA

Design by Walter Gadda



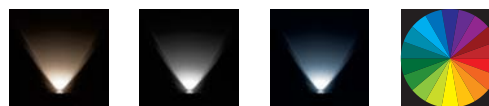
Famiglia di apparecchi a incasso carrabili per interni ed esterni

- **Applicazione:** pavimentazioni, facciate, alberi di media e grande dimensione
- **Ambientazione:** piazze, vie, hotel, abitazioni private, centri commerciali
- **Installazione:** a incasso
- **Materiale:** alluminio - acciaio inox - vetro
- **Finiture:** inox spazzolato
- **Sorgente LED:** alta potenza
- **Ottiche:** 6° ottica arretrata - 9° - 25° - 45° - vetro satinato 45° - vetro satinato (RGB)
- **Funzionamento:** accensione on-off o dimmerabile
- **Caratteristiche:** fissaggio con viti antieffrazione - ACASTOP acciaio inox Aisi 316L garantito 10 anni
- **Alimentazione:** tensione costante 24Vdc

*Family of recessed drive over fixtures for indoor and outdoor applications*

- **Applications:** pavings, facades, medium-sized and big trees
- **Setting:** squares, streets, hotels, private houses, shopping centres
- **Installation:** recessed
- **Material:** aluminium - stainless steel - glass
- **Finishes:** brushed stainless steel
- **LED Light source:** high power
- **Optics:** 6° recessed optics - 9° - 25° - 45° - satin glass 45° - satin glass (RGB)
- **Functions:** on-off, dimmable
- **Features:** anti-vandal screws - ACASTOP  
10 years guaranteed stainless steel Aisi 316L
- **Power supply:** constant voltage 24Vdc

## Colori LED / LED Colours



Bianco 3000K  
White 3000K

Bianco 4000K  
White 4000K

Bianco 5500K  
White 5500K

RGB

## Caratteristiche / Characteristics







Pipe Bridge - Be'er Sheva, Israele - Moyra 180 RGB - Arch. Rami Marash - Lighting Designer Amir Brener  
Pipe Bridge - Be'er Sheva, Israel - Moyra 180 RGB - Arch. Rami Marash - Lighting Designer Amir Brener

MOYRA 145 POWER LED 10W 24Vdc MONOCROMATICO / MONOCHROMATIC


Ottica 6° / optics 6°

		3000K	4000K	5500K
	Acciaio Inox Aisi 316L satinato / <i>satin stainless steel Aisi 316L</i>	MOY.049.28	MOY.050.28	MOY.051.28


Ottica 9° / optics 9°

	Acciaio Inox Aisi 316L satinato / <i>satin stainless steel Aisi 316L</i>	MOY.001.28	MOY.002.28	MOY.003.28
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Ottica 25° / optics 25°

	Acciaio Inox Aisi 316L satinato / <i>satin stainless steel Aisi 316L</i>	MOY.004.28	MOY.005.28	MOY.006.28
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Ottica 45° / optics 45°

	Acciaio Inox Aisi 316L satinato / <i>satin stainless steel Aisi 316L</i>	MOY.007.28	MOY.008.28	MOY.009.28
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Vetro satinato / *satin glass*

	Acciaio Inox Aisi 316L satinato / <i>satin stainless steel Aisi 316L</i>	MOY.010.28	MOY.011.28	MOY.012.28
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Ottica arretrata 6°  
*Recessed optics 6°*

Riferimenti pagina / *Page references:*

Electronica di controllo / <i>Electronic control gear</i>	Pag. 600, 601, 602, 603
Alimentatori / <i>Power supply units</i>	Pag. 590, 591
Schemi di collegamento / <i>Connection diagrams</i>	Pag. 606: G, I, I bis, Q
Diagrammi conici / <i>Conical diagrams</i>	Pag. 618
Accessori / <i>Accessories</i>	Pag. 576
Cassaforme / <i>Housing boxes</i>	Pag. 570

Importante / *Remarks:*

Alimentazione a tensione costante 24Vdc dimmerabile, collegamento in parallelo

*Constant voltage supply 24Vdc dimmable, parallel connection*

A richiesta anche con LED nei colori Rosso, Blu, Verde / *On request, LEDS are available also in Red, Blue, Green colours*

## MOYRA 145 POWER LED 16W 24Vdc MONOCROMATICO / MONOCHROMATIC

## Ottica 6° / optics 6°



	3000K	4000K	5500K
Acciaio Inox Aisi 316L satinato / <i>satin stainless steel Aisi 316L</i>	MOY.095.28	MOY.096.28	MOY.097.28

## Ottica 9° / optics 9°



Acciaio Inox Aisi 316L satinato / <i>satin stainless steel Aisi 316L</i>	MOY.059.28	MOY.060.28	MOY.061.28
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## Ottica 25° / optics 25°



Acciaio Inox Aisi 316L satinato / <i>satin stainless steel Aisi 316L</i>	MOY.062.28	MOY.063.28	MOY.064.28
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## Ottica 45° / optics 45°



Acciaio Inox Aisi 316L satinato / <i>satin stainless steel Aisi 316L</i>	MOY.065.28	MOY.066.28	MOY.067.28
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Vetro satinato / *satin glass*

Acciaio Inox Aisi 316L satinato / <i>satin stainless steel Aisi 316L</i>	MOY.068.28	MOY.069.28	MOY.070.28
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Ottica arretrata 6°  
*Recessed optics 6°*

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Importante / *Remarks:*

Alimentazione a tensione costante 24Vdc dimmerabile, collegamento in parallelo

*Constant voltage supply 24Vdc dimmable, parallel connection*

A richiesta anche con LED nei colori Rosso, Blu, Verde / *On request, LEDS are available also in Red, Blue, Green colours*

MOYRA 180 POWER LED 20W 24Vdc MONOCROMATICO / MONOCHROMATIC

Ottica 6° / optics 6°



	3000K	4000K	5500K
Acciaio Inox Aisi 316L satinato / <i>satin stainless steel Aisi 316L</i>	MOY.052.28	MOY.053.28	MOY.054.28

Ottica 9° / optics 9°



Acciaio Inox Aisi 316L satinato / <i>satin stainless steel Aisi 316L</i>	MOY.013.28	MOY.014.28	MOY.015.28
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Ottica 25° / optics 25°



Acciaio Inox Aisi 316L satinato / <i>satin stainless steel Aisi 316L</i>	MOY.016.28	MOY.017.28	MOY.018.28
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Ottica 45° / optics 45°



Acciaio Inox Aisi 316L satinato / <i>satin stainless steel Aisi 316L</i>	MOY.019.28	MOY.020.28	MOY.021.28
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Vetro satinato / *satin glass*



Acciaio Inox Aisi 316L satinato / <i>satin stainless steel Aisi 316L</i>	MOY.022.28	MOY.023.28	MOY.024.28
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Ottica arretrata 6°  
*Recessed optics 6°*

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Importante / *Remarks:*

Alimentazione a tensione costante 24Vdc dimmerabile, collegamento in parallelo

*Constant voltage supply 24Vdc dimmable, parallel connection*

A richiesta anche con LED nei colori Rosso, Blu, Verde / *On request, LEDS are available also in Red, Blue, Green colours*

## MOYRA 180 POWER LED 30W 24Vdc MONOCROMATICO / MONOCHROMATIC

## Ottica 6° / optics 6°



	3000K	4000K	5500K
Acciaio Inox Aisi 316L satinato / <i>satin stainless steel Aisi 316L</i>	MOY.098.28	MOY.099.28	MOY.100.28

## Ottica 9° / optics 9°



Acciaio Inox Aisi 316L satinato / <i>satin stainless steel Aisi 316L</i>	MOY.071.28	MOY.072.28	MOY.073.28
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## Ottica 25° / optics 25°



Acciaio Inox Aisi 316L satinato / <i>satin stainless steel Aisi 316L</i>	MOY.074.28	MOY.075.28	MOY.076.28
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## Ottica 45° / optics 45°



Acciaio Inox Aisi 316L satinato / <i>satin stainless steel Aisi 316L</i>	MOY.077.28	MOY.078.28	MOY.079.28
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Vetro satinato / *satin glass*

Acciaio Inox Aisi 316L satinato / <i>satin stainless steel Aisi 316L</i>	MOY.080.28	MOY.081.28	MOY.082.28
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Ottica arretrata 6°  
*Recessed optics 6°*

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Importante / *Remarks:*

Alimentazione a tensione costante 24Vdc dimmerabile, collegamento in parallelo

*Constant voltage supply 24Vdc dimmable, parallel connection*

A richiesta anche con LED nei colori Rosso, Blu, Verde / *On request, LEDS are available also in Red, Blue, Green colours*

**MOYRA 145 POWER LED 19W 24Vdc RGB**

**Ottica 45° / optics 45°**



**RGB**



Acciaio Inox Aisi 316L satinato / *sat in stainless steel Aisi 316L*

MOY.039.28

**Vetro satinato / satin glass**



**RGB**



Acciaio Inox Aisi 316L satinato / *sat in stainless steel Aisi 316L*

MOY.040.28

**MOYRA 180 POWER LED 39W 24Vdc RGB**

**Ottica 45° / optics 45°**



**RGB**



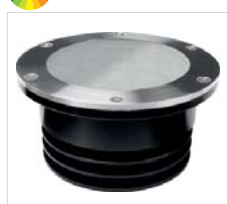
Acciaio Inox Aisi 316L satinato / *sat in stainless steel Aisi 316L*

MOY.043.28

**Vetro satinato / satin glass**



**RGB**



Acciaio Inox Aisi 316L satinato / *sat in stainless steel Aisi 316L*

MOY.044.28

**Riferimenti pagina / Page references:**

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Alimentatori / <i>Power supply units</i>	Pag. 590, 591
Schemi di collegamento / <i>Connection diagrams</i>	Pag. 606: I, I bis, L, P, U
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Cassaforme / <i>Housing boxes</i>	Pag. 570

**Importante / Remarks:**

Alimentazione a tensione costante 24Vdc dimmerabile, collegamento in parallelo  
*Constant voltage supply 24Vdc dimmable, parallel connection*



Centro parrocchiale - Borgo Valsugana (TN), Italia - Moyra 145 4000K - Foto Studio Eidos  
Parish center - Borgo Valsugana (TN), Italy - Moyra 145 4000K - Photo Studio Eidos



**SCHEDA TECNICA MOYRA**

<b>Dissipatore</b>	lega di alluminio anticorrosivo UNI 6060 anodizzato
<b>Corpo</b>	lega di alluminio anticorrosivo UNI 6060 anodizzato
<b>Anello frontale</b>	acciaio inox AISI 316L
<b>Finitura del frontale</b>	satinato
<b>Viteria</b>	acciaio inox AISI 316L (TORX TX 25 + PIN)
<b>Vetro di protezione</b>	vetro piano temperato serigrafato 10mm (145) / 12mm (180)
<b>Guarnizioni</b>	gomma siliconica, teflon, neoprene
<b>Ottica</b>	riflettore arretrato speculare (6°) / lenti in PMMA (9°, 25°, 45°)
<b>Fissaggio</b>	fissaggio alla cassaforma tramite viti in acciaio
<b>Pressacavo</b>	AQASTOP
<b>Cavi di alimentazione</b>	LED monocromatici incluso 100cm di cavo termoplastico AD8, 3 poli (2x0,75mm <sup>2</sup> + 1x0,5mm <sup>2</sup> ) Ø esterno 6,1 mm - AQASTOP LED RGB incluso 100cm di cavo termoplastico AD8, 5 poli (2x0,75mm <sup>2</sup> + 3x0,5mm <sup>2</sup> ) Ø esterno 6,1 mm - AQASTOP
<b>Temperatura di colore</b>	3000K, 4000K, 5500K
<b>Alimentazione</b>	tensione costante 24Vdc ( ±5%) - collegamento in parallelo
<b>Potenza massima assorbita</b>	monocromatico: 145 1W (10W) - 145 2W (16W) - 180 1W (20W) - 180 2W (30W) / RGB: 145 2W (19W) - 180 2W (39W)
<b>Montaggio consigliato</b>	a incasso (pavimento)
<b>Temperatura di utilizzo</b>	-30°C ÷ +50°C
<b>Resistenza al carico</b>	carrabile fino a 1500kg
<b>Peso</b>	145 (1700g) / 180 (3000g)
<b>Grado di protezione</b>	IP67, IK08
<b>Marchi</b>	CE, F, Classe III
<b>Normativa</b>	prodotti in conformità alle vigenti norme EN60598-1 CEI 34-21

**TECHNICAL INFORMATION MOYRA**

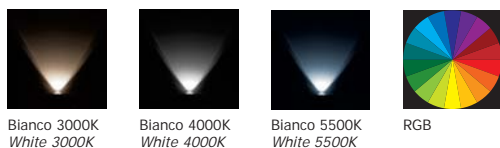
<b>Dissipator</b>	<i>anti corrosive aluminium alloy UNI 6060 anodized</i>
<b>Body</b>	<i>anti corrosive aluminium alloy UNI 6060 anodized</i>
<b>Front ring</b>	<i>stainless steel AISI 316L</i>
<b>Front finishing</b>	<i>satın</i>
<b>Screws</b>	<i>stainless steel AISI 316L (TORX TX 25 + PIN)</i>
<b>Protection glass</b>	<i>tempered glass 10mm (145) / 12mm (180)</i>
<b>Gaskets</b>	<i>silicone robber, teflon, neoprene</i>
<b>Optics</b>	<i>specular recessed reflector (6°) / lens in PMMA (9°, 25°, 45°)</i>
<b>Installation</b>	<i>housing box fixing withh stainless steel screws</i>
<b>Cable gland</b>	<i>AQASTOP</i>
<b>Power supply cables</b>	<i>monochromatic LEDs included 100cm of cable thermoplastic AD8, 3 poles (2x0,75mm<sup>2</sup> + 1x0,5mm<sup>2</sup>) external Ø 6,1 mm - AQASTOP RGB LEDs included 100cm of cable thermoplastic AD8, 5 poles (2x0,75mm<sup>2</sup> + 3x0,5mm<sup>2</sup>) external Ø 6,1 mm - AQASTOP</i>
<b>Colour temperature</b>	<i>3000K, 4000K, 5500K</i>
<b>Power supply</b>	<i>constant voltage 24Vdc ( ±5%) - parallel connection</i>
<b>Maximum absorbed power</b>	<i>monochromatic: 145 1W (10W) - 145 2W (16W) - 180 1W (20W) - 180 2W (30W) / RGB: 145 2W (19W) - 180 2W (39W)</i>
<b>Recommended installation</b>	<i>recessed (floor)</i>
<b>Working temperature</b>	<i>-30°C to +50°C</i>
<b>Load resistance</b>	<i>drive over up to 1500kg</i>
<b>Weight</b>	<i>145 (1700g) / 180 (3000g)</i>
<b>Protection degree</b>	<i>IP67, IK08</i>
<b>Markings</b>	<i>CE, F, Class III</i>
<b>Norms</b>	<i>products comply EN60598-1 CEI 34-21 norms</i>

**Importante / Remarks:**

La temperatura del metallo in prossimità del LED non deve superare il valore di 90°C / *The temperature of the metal near the LED should not exceed 90°C*



**Colori LED / LED Colours**



**A richiesta / On request**



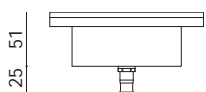
**Finiture / Finishes**



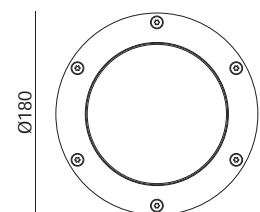
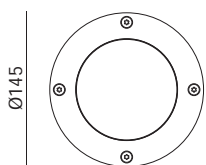
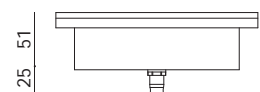
DISEGNI TECNICI / TECHNICAL DRAWINGS

1W monocromatico

MOYRA 145



MOYRA 180

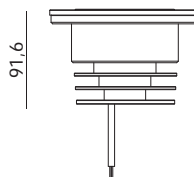


Foro incasso senza cassaforma  
Dimensions of recessing hole without housing box

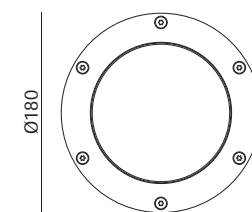
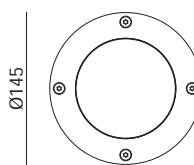
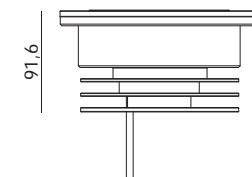
- Moyra 145: 110 mm
- Moyra 180: 150 mm

2W monocromatico  
2W RGB

MOYRA 145

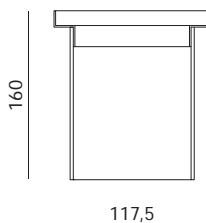


MOYRA 180

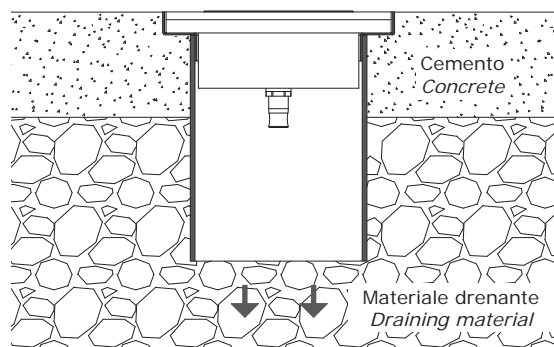
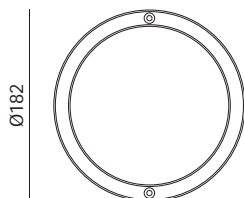
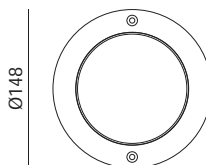
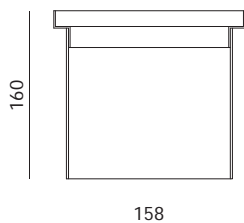


CASSAFORME / HOUSING BOXES

MOYRA 145



MOYRA 180



Esempio di montaggio in cassaforma  
Installation in housing box example



Cod. CAS.0061.99



Cod. CAS.0060.99