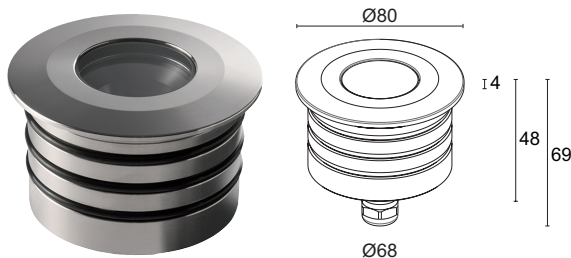




Bright 3.0 316L

Outdoor and underwater recessed / Incassi da esterno e immersione



Suitable for use in sea water.

The 7W version and the RGB version can also be used out of the water.

Adatto per immersione in acqua marina.

Versione 7W e versione RGB: adatto per applicazioni fuori dall'acqua.

Bright 3.0 316L

DESCRIPTION

recessed uplight for outdoor and underwater applications; recessed (wall, ground), max depth 10 m; 7W, 9W; RGB: max 5W; 24Vdc; RGB: max 500mA; Lumen output at source: 683 lm (3000K, 7W), 845 lm (3000K, 9W), RGB: 253 lm, R: 82 lm G: 114 lm B: 57 lm (500mA); Delivered lumen output: 463 lm (3000K, 34°, 7W), 602 lm (3000K, 34°, 9W), RGB: 191 lm, R: 70 lm G: 90 lm B: 31 lm (500mA, 34°); 1 high-intensity power LED, RGB: 3 power LEDs, 3 MacAdam steps (white LED colour), 50000h L90 B10 (Ta 25°C); LED colour: 2700K, 3000K, 4000K, RGB; Optics: 11°, 20°, 34°, 45°, 68°, 13°x52°, 21°x42°; body and trim in AISI 316L stainless steel, screen in tempered, transparent extra-clear glass; power supply unit not included; includes 5 m neoprene cable H05RN-F 2x1.00/1.00 Ø7.00 mm, RGB: includes 5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm; Wiring: parallel; RGB: series; Ingress protection: IP68; Impact resistance: IK10; suitable for use in sea water the 7W, version and the RGB version can also be used out of the water; Protection systems: IPS; Operating temperature: -20°C — +45°C (installation outdoors), 0°C — +45°C (installation underwater); Maximum device temperature: 50°C (Ta 25°C); Glow wire test: 960°; Photobiological safety: risk group 1 according to EN6 2471:2006; Appliance class: III; Weight: 1150 g; Dimensions: Ø80x69 mm; Accessories: WC5004 Outer casing, WC5006 Outer casing, WF6720 Neoprene cable - 20 m H05RN-F 2x1.00/1.00 Ø7.00 mm - IPS, WF6820 Neoprene cable - 20 m H05RN-F 2x1.00/1.00 Ø7.00 mm - IPS, WF7310 FEP+RUB cable (equivalent to H05RN-cable) - 10 m 6x0.50/0.50 Ø6.3 mm - IPS, WF7315 FEP+RUB cable (equivalent to H05RN-cable) - 15 m 6x0.50/0.50 Ø6.3 mm - IPS, WF7320 FEP+RUB cable (equivalent to H05RN-cable) - 20 m 6x0.50/0.50 Ø6.3 mm - IPS, WH0201 Honeycomb louvre, WN7001 Extractors pair; Energy efficiency class: A / A+ / A++.

DESCRIZIONE

incasso uplight da esterno e immersione; a incasso (parete, pavimento), profondità max 10 m; 7W, 9W; RGB: max 5W; 24Vdc; RGB: max 500mA; Flusso sorgente: 683 lm (3000K, 7W), 845 lm (3000K, 9W), RGB: 253 lm, R: 82 lm G: 114 lm B: 57 lm (500mA); Flusso emesso: 463 lm (3000K, 34°, 7W), 602 lm (3000K, 34°, 9W), RGB: 191 lm, R: 70 lm G: 90 lm B: 31 lm (500mA, 34°); 1 power LED High Intensity, RGB: 3 power LED, 3 step MacAdam (colore LED bianco), 50000h L90 B10 (Ta 25°C); Colore LED: 2700K, 3000K, 4000K, RGB; Ottiche: 11°, 20°, 34°, 45°, 68°, 13°x52°, 21°x42°; corpo e ghiera in acciaio inox AISI 316L, schermo in vetro extrachiaro temprato trasparente; alimentatore non incluso; incluso cavo in neoprene di 5 m H05RN-F 2x1.00/1.00 Ø7.00 mm, RGB: incluso cavo in FEP+RUB (equivalente a H05RN-F) di 5 m 6x0.50/0.50 Ø6.3 mm; Collegamento: in parallelo; RGB: in serie; Grado di protezione: IP68; Grado di resistenza: IK10; adatto per immersione in acqua marina, versione 7W e versione RGB: adatto per applicazioni fuori dall'acqua; Sistemi di protezione: IPS; Temperatura di esercizio: -20°C — +45°C (installazione in ambiente esterno), 0°C — +45°C (installazione in immersione); Temperatura massima apparecchio: 50°C (Ta 25°C); Glow wire test: 960°; Sicurezza fotobiologica: gruppo rischio 1 secondo EN62471:2006; Classe di isolamento: III; Peso: 1150 g; Dimensioni: Ø80x69 mm; Accessori: WC5004 Cassaforma, WC5006 Cassaforma, WF6720 Cavo in neoprene - 20 m H05RN-F 2x1.00/1.00 Ø7.00 mm - IPS, WF6820 Cavo in neoprene - 20 m H05RN-F 2x1.00/1.00 Ø7.00 mm - IPS, WF7310 Cavo in FEP+RUB (equivalente a H05RN-F) - 10 m 6x0.50/0.50 Ø6.3 mm - IPS, WF7315 Cavo in FEP+RUB (equivalente a H05RN-F) - 15 m 6x0.50/0.50 Ø6.3 mm - IPS, WF7320 Cavo in FEP+RUB (equivalente a H05RN-F) - 20 m 6x0.50/0.50 Ø6.3 mm - IPS, WH0201 Nido d'ape, WN7001 Coppia estrattori; Classe di consumo energetico: A / A+ / A++.

ELECTRICAL FEATURES / CARATTERISTICHE ELETTRICHE

Power consumption <i>Potenza assorbita</i>	7W/9W, max 5W (RGB)
Power supply <i>Alimentazione</i>	24Vdc, max 500mA (RGB)
Power supply unit <i>Alimentatore</i>	not included <i>non incluso</i>
Dimming <i>Dimmerazione</i>	with dimmable driver (optional) or dimmer (optional) <i>disponibile con alimentatore dimmerabile (opzionale) o dimmer (opzionale)</i>
Connection <i>Collegamento</i>	parallel (white LED), series (RGB LEDs) <i>parallelo (LED bianco), in serie (LEDs RGB)</i>

LIGHTIN FEATURES / CARATTERISTICHE ILLUMINOTECNICHE

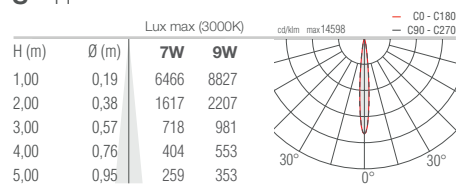
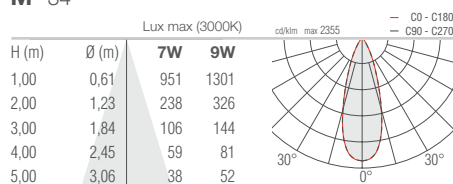
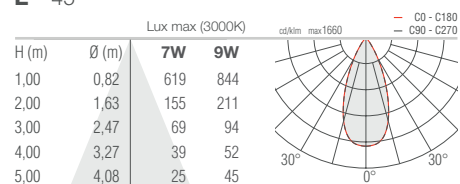
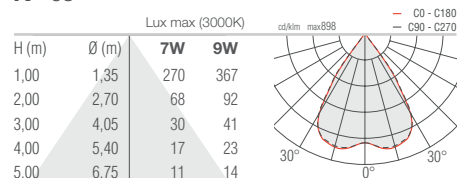
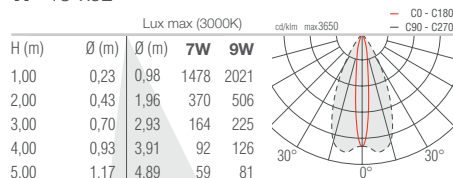
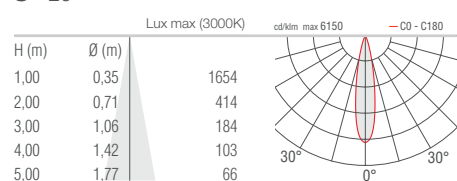
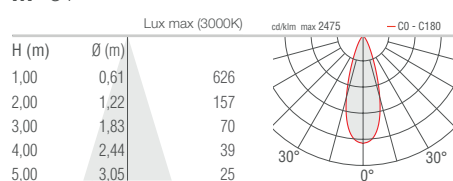
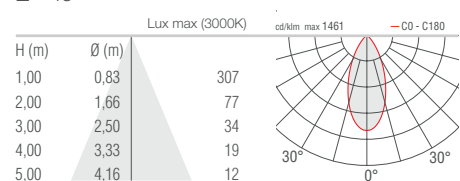
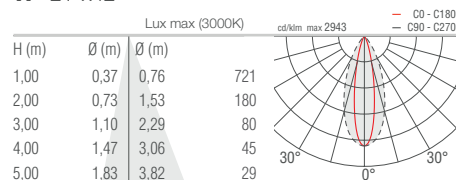
No. and type of LED / <i>N° e tipo di LED</i>	white: 1 power LED High Intensity, RGB: 3 power LEDs
Average LED life / <i>Duratura media LED</i>	50000h L90 B10
LED colour <i>Colore LED</i>	white: 2700K, 3000K, 4000K; RGB <i>bianco: 2700K, 3000K, 4000K; RGB</i>
CRI <i>Indice resa cromatica CRI</i>	80
Selection <i>Selezione</i>	3 step MacAdam
Optics <i>Ottiche</i>	white: 11°, 34°, 45°, 68°, 13°x52° RGB: 20°, 34°, 45°, 21°x42°
Lumen output at source <i>Flusso sorgente</i>	683 lm (3000K, 7W), 845 lm (3000K, 9W) RGB: 253 lm, R 82 lm, G 114 lm, B 57 lm (500mA)
Total delivered lumens <i>Flusso totale apparecchio</i>	463 lm (3000K, 34°, 7W), 602 lm (3000K, 34°, 9W) RGB: 191 lm, R 70 lm, G 90 lm, B 31 lm (500mA, 34°)

MECHANICAL FEATURES / CARATTERISTICHE MECCANICHE

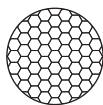
Dimensions / <i>Dimensioni</i>	Ø80x69 mm
Weight / <i>Peso</i>	1,15 kg
Fixing <i>Fissaggio</i>	with outer casing (compulsory) <i>con cassaforma (obbligatorio)</i>
Ferrule material <i>Materiale ghiera</i>	stainless steel AISI 316L <i>acciaio inox AISI 316L</i>
Body material <i>Materiale corpo</i>	stainless steel AISI 316L <i>acciaio inox AISI 316L</i>
Screen material <i>Materiale schermo</i>	tempered, transparent extra-clear glass <i>vetro extrachiaro temprato trasparente</i>
Cut-out size / <i>Foro d'incasso</i>	-

GENERAL FEATURES / CARATTERISTICHE GENERALI

Operating temperature / <i>Temperatura di esercizio</i>	from -20 °C to +45 °C (installation in outdoor environment) from 0 °C to +45 °C (installation underwater) <i>da -20 °C a +45 °C (installazione in ambiente esterno)</i> <i>da 0 °C a +45 °C (installazione in immersione)</i>
Ingress protection / <i>Grado di protezione</i>	IP68
Impact resistance / <i>Grado di resistenza</i>	IK10
Energy efficiency class <i>Classe di consumo energetico</i>	A/A+/A++ (built-in LED lamps) in accordance with UE874/2012 <i>A/A+/A++ (modulo LED integrato) in accordo con UE874/2012</i>
Glow wire test / <i>Glow wire test</i>	960°
Max luminaire temperature <i>Temperatura max apparecchio</i>	50°C (Ta 25°C)
Appliance class / <i>Classe di isolamento</i>	class III / <i>classe III</i>
Walkover / <i>Calpestabile</i>	yes / <i>sì</i>
Drive-over / <i>Carrabile</i>	no
Power cables <i>Cavi di alimentazione</i>	includes 5 m neoprene cable, H05RN-F 2x1,00/1,00 Ø7,0 mm RGB: includes 5 m FEP+RUB cable (equivalent to H05RN-F cable), 6x0,50/0,50 Ø6,3 mm <i>incluso cavo in neoprene di 5 m H05RN-F 2x1,00/1,00 Ø7,0 mm</i> <i>RGB: incluso cavo in FEP+RUB (equivalente a H05RN-F) di 5 m 6x0,50/0,50 Ø6,3 mm</i>
Standard safety <i>Sicurezza standard</i>	IPS included (corrugated pipe Ø20 min) <i>IPS incluso (utilizzare corrugato Ø20 min)</i>
Photobiological safety <i>Sicurezza fotobiologica</i>	risk group 1 in accordance with EN62471:2006 <i>gruppo rischio 1 secondo EN62471:2006</i>

PHOTOMETRIC DATA (white LED)
DATI FOTOMETRICI (LED bianco)
S - 11°**M - 34°****L - 45°****K - 68°****W - 13°x52°**
PHOTOMETRIC DATA (RGB LED)
DATI FOTOMETRICI (LED RGB)
S - 20°**M - 34°****L - 45°****W - 21°x42°**

Anti-glare / Antiabbagliamento

**WH0201**

Honeycomb louvre / Nido d'ape

Order together with the lighting fixture /
da ordinare contestualmente all'apparecchio illuminante

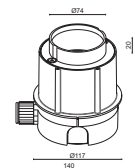
Spare parts / Ricambi

**WN7001**

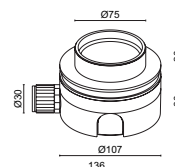
Extractors pair for lighting fixture /

Coppia di estrattori per apparecchio illuminante

For installation / Per installazione

**WC5004**

Outer casing / Cassaforma

**WC5006**

Outer casing / Cassaforma

Cables / Cavi

LED colour: white / Colore LED: bianco (7W)

WF6720 - 20 m

Neoprene cables / Cavi in neoprene

H05RN-F 2x1,00/1,00 Ø7,0 mm

IPS

LED colour: white / Colore LED: bianco (9W)

WF6820 - 20 m

Neoprene cables / Cavi in neoprene

H05RN-F 2x1,00/1,00 Ø7,0 mm

IPS

LED colour: RGB / Colore LED: RGB

WF7310 - 10 m**WF7315** - 15 m**WF7320** - 20 m

FEP+RUB cables (equivalent to H05RN-F cable) /

Cavi in FEP+RUB (equivalente a H05RN-F)

6x0,50/0,50 Ø6,3 mm