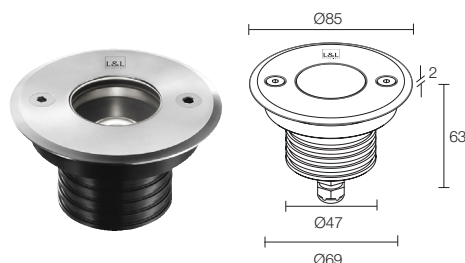




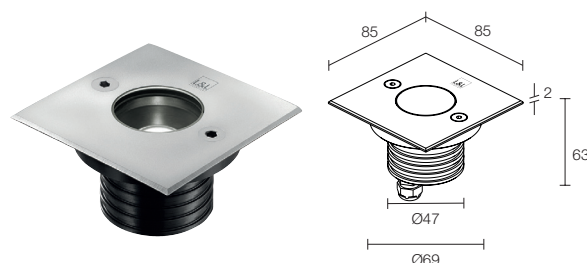
Bright 2.4 - Bright 2.5

Outdoor recessed / Incassi da esterno

rev. 02 19/05/2017
2LO



Bright 2.4



Bright 2.5

DESCRIPTION

Recessed for outdoor applications (not suitable for underwater applications); drive-over up to 2000 kg; recessed (ceiling, wall, floor); body in AISI 316L stainless steel or anodized aluminium alloy EN AW 6082, trim in AISI 316L stainless steel or aluminium (only Bright 2.4), screen in tempered, transparent extra-clear glass, screen in extra-clear tempered, sandblasted glass (diffuse optics); finishes: stainless steel, grey RAL 9006; 1 power LED High Intensity, RGB: 3 power LEDs; 5W, 7W, max 5W (RGB) - 24Vdc, max 500mA (RGB); includes 1.5 m neoprene cable, H05RN-F 2x0.75/0.75 Ø6.3 mm; RGB: includes 1.5 m FEP+PCP cable (equivalent to H05RN-F cable) 6x0.50/0.50 Ø6.3 mm; total delivered lumens: 352 lm (34°, 3000K, 5W, CRI 80), 463 lm (34°, 3000K, 7W, CRI 80), 284 lm (34°, 3000K, 5W, CRI 90), 374 lm (34°, 3000K, 7W, CRI 90); RGB: 191 lm (R 70 lm, G 90 lm, B 31 lm); optics: white: asymmetrical 8°, 8°, 11°, 17°, 21° sharp, 34°, 45°, 47°, 61° sharp, 68°, 13°x52°, diffuse; RGB: 20°, 34°, 45°, 21°x42°; LED colour: white - 2700K, 3000K, 4000K, RGB; ingress protection: IP68; impact resistance: IK10; equipped with IPS and PID; operating temperature: -20°C +45°C; screen temperature: max 40°C (Ta 25°C); Glow Wire Test: 960°; photobiological safety: risk group 1 in accordance with EN62471:2006; appliance class: III; weight 0.33 kg (aluminium trim) 0.44 kg (stainless steel trim); body dimensions Ø85x63mm (Bright 2.4), 85x85x63mm (Bright 2.5); cut-out size Ø70mm; overall volume Ø180x125mm; dimming using a 24Vdc dimmer, dimming using a dimmable power supply unit; accessories: outer casing WC0100, outer casing WC0103, fixing spring WG0100, honeycomb louvre WH0201, semi-diffusing screen, half transparent and half frosted WE0400A, anti-glare screen, half transparent and half serigraphed black WE0400S.

DESCRIZIONE

Incasso da esterno (non adatto per immersione); carrabile fino a 2000 kg; a incasso (soffitto, parete, pavimento); corpo in acciaio inox AISI 316L o alluminio anodizzato lega EN AW 6082, ghiera in acciaio inox AISI 316L o alluminio (solo Bright 2.4), schermo in vetro extrachiaro trasparente temprato, schermo in vetro extrachiaro temprato sabbia (ottica diffusa); finiture: acciaio inox, grigio RAL 9006; 1 power LED High Intensity, RGB: 3 power LED; 5W, 7W, max 5W (RGB) - 24Vdc, max 500mA (RGB); incluso cavo in neoprene di 1,5 m H05RN-F 2x0,75/0,75 Ø6,3 mm; RGB: incluso cavo in FEP+PCP (equivalente a H05RN-F) di 1,5 m 6x0,50/0,50 Ø6,3 mm; flusso totale: 352 lm (34°, 3000K, 5W, CRI 80), 463 lm (34°, 3000K, 7W, CRI 80); 284 lm (34°, 3000K, 5W, CRI 90), 374 lm (34°, 3000K, 7W, CRI 90); RGB: 191 lm (R 70 lm, G 90 lm, B 31 lm); ottiche: bianco: asimmetrica 8°, 8°, 11°, 17°, 21° sharp, 34°, 45°, 47°, 61° sharp, 68°, 13°x52°, diffusa; RGB: 20°, 34°, 45°, 21°x42°; colore LED: bianco - 2700K, 3000K, 4000K, RGB; grado di protezione: IP68; grado di resistenza: IK10; dotato di sistema IPS e PID; temperatura di esercizio: -20°C +45°C; temperatura schermo: max 40°C (Ta 25°C); Glow Wire Test: 960°; sicurezza fotobiologica: gruppo rischio 1 secondo EN62471:2006; classe di isolamento III; peso 0,33 kg (ghiera in alluminio) 0,44 kg (ghiera in acciaio inox); dimensioni corpo Ø85x63mm (Bright 2.4), 85x85x63mm (Bright 2.5); foro d'incasso Ø70mm; volume tecnico per dissipazione: Ø180x125mm; dimmerazione disponibile mediante dimmer in linea 24Vdc, dimmerazione disponibile mediante alimentatore dimmerabile; accessori: cassaforma WC0100, cassaforma WC0103, molla di fissaggio WG0100, nido d'ape WH0201, schermo diffondente, metà trasparente e metà satinato WE0400A, schermo antiabbagliamento, metà trasparente e metà serigrafato nero WE0400S.

Available on request with optic 5° (CRI 80, CRI 90 only 2700K and 3000K), 3.5W version
Su richiesta disponibile la versione con ottica 5° (CRI 80, CRI 90 solo 2700K e 3000K) e potenza 3,5W

Available on request the 9W version (Aluminum body only)
Su richiesta disponibile la versione con potenza 9W (solo corpo in alluminio)

ELECTRICAL FEATURES / CARATTERISTICHE ELETTRICHE

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

LIGHTIN FEATURES / CARATTERISTICHE ILLUMINOTECNICHE

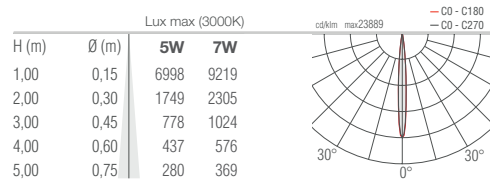
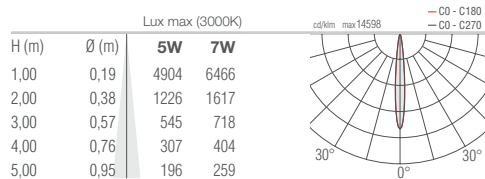
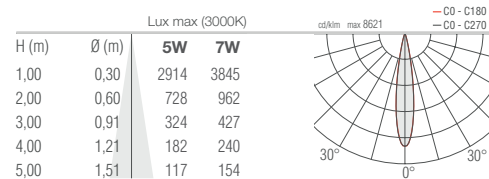
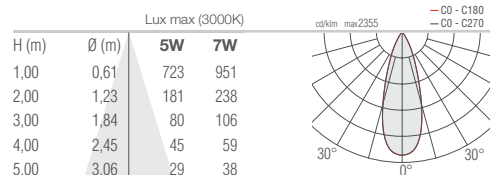
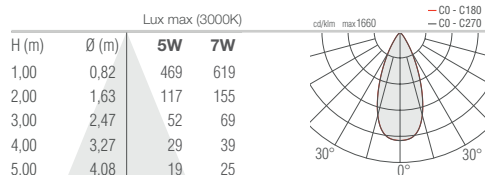
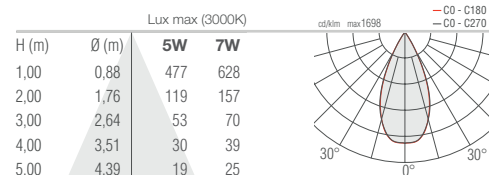
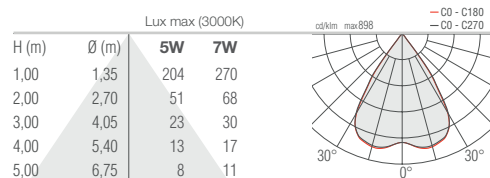
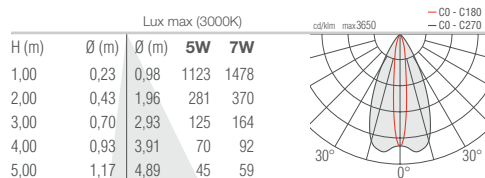
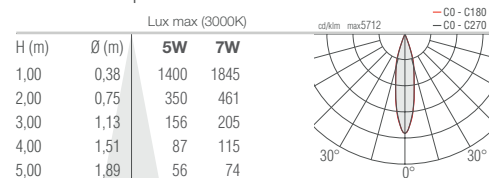
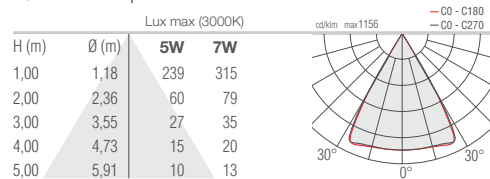
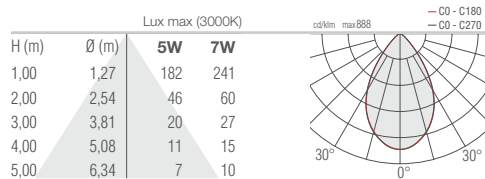
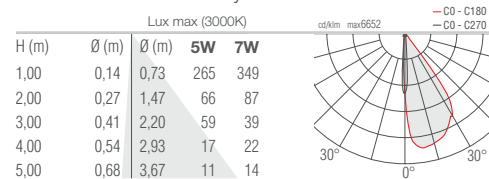
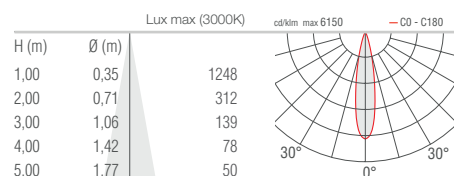
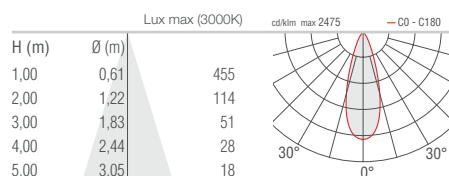
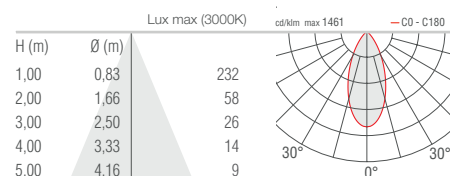
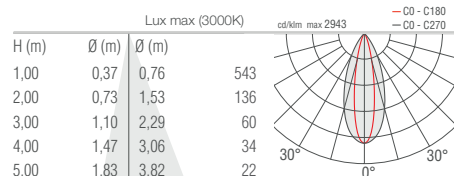
No. and type of LED / <i>N° e tipo di LED</i>	white: 1 power LED High Intensity / RGB: 3 power LEDs
Average LED life / <i>Duratura media LED</i>	80% after 50.000 h
LED colour <i>Colore LED</i>	white: 2700K, 3000K, 4000K; RGB bianco: 2700K, 3000K, 4000K; RGB
CRI <i>Indice resa cromatica CRI</i>	80, 90
Selection <i>Selezione</i>	3 Step MacAdam
Optics <i>Ottiche</i>	white: asymmetrical 8°, 8°, 11°, 17°, 21° sharp, 34°, 45°, 47°, 61° sharp, 68°, 13°x52°, diffuse; RGB: 20°, 34°, 45°, 21°x42°; bianco: asimmetrica 8°, 8°, 11°, 17°, 21° sharp, 34°, 45°, 47°, 61° sharp, 68°, 13°x52°, diffusa RGB: 20°, 34°, 45°, 21°x42°;
Total delivered lumens <i>Flusso totale apparecchio</i>	352 lm (34°, 5W, CRI 80), 463 lm (34°, 3000K, 7W, CRI 80) 284 lm (34°, 5W, CRI 90), 374 lm (34°, 3000K, 7W, CRI 90) RGB: 191 lm (R 70 lm, G 90 lm, B 31 lm)

MECHANICAL FEATURES / CARATTERISTICHE MECCANICHE

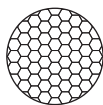
Dimensions / <i>Dimensioni</i>	Ø85x63 mm (Bright 2.4) 85x85x63 mm (Bright 2.5)
Weight / <i>Peso</i>	0,33 kg (aluminium trim); 0,44 kg (stainless steel trim) 0,33 kg (ghiera in alluminio); 0,44 kg (ghiera in acciaio inox)
Finishes <i>Finiture</i>	Bright 2.4: stainless steel, grey RAL9006; Bright 2.5: stainless steel Bright 2.4: acciaio inox, grigio RAL 9006; Bright 2.5: acciaio inox
Fixing <i>Fissaggio</i>	with outer casing or with spring con cassaforma o con molla
Ferrule material <i>Materiale ghiera</i>	aluminium (only Bright 2.4), stainless steel AISI 316L alluminio (solo Bright 2.4), acciaio inox AISI 316L
Body material <i>Materiale corpo</i>	anodized aluminium alloy EN AW 6082, stainless steel AISI 316L alluminio anodizzato lega EN AW 6082, acciaio inox AISI 316L
Screen material <i>Materiale schermo</i>	tempered, transparent extra-clear glass, extra-clear tempered, sandblasted glass (diffuse optics) vetro extrachiaro trasparente temprato, vetro extrachiaro temprato sabbiato (ottica diffusa)
Cut-out size / <i>Foro d'incasso</i>	Ø 70 mm
Overall volume / <i>Volume tecnico per dissipazione</i>	Ø 180x125 mm

GENERAL FEATURES / CARATTERISTICHE GENERALI

Operating temperature / <i>Temperatura di esercizio</i>	from -20 °C to +45 °C
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 A/A+/A++ (modulo LED integrato) in accordo con UE874/2012
Glow wire test / <i>Glow wire test</i>	960°
Screen temperature / <i>Temperatura schermo</i>	max 40°C (Ta 25°C)
Appliance class / <i>Classe di isolamento</i>	class III / classe III
Walkover / <i>Calpestabile</i>	yes / sì
Drive-over / <i>Carrabile</i>	yes, up to 2000 kg sì, fino a 2000 kg
Power cables <i>Cavi di alimentazione</i>	includes 1.5 m neoprene cable, H05RN-F 2x0.75/0.75 Ø6.3 mm, RGB: includes 1.5 m FEP+PCP cable (equivalent to H05RN-F cable), 6x0.50/0.50 Ø6.3 mm incluso cavo in neoprene di 1,5 m H05RN-F 2x0,75/0,75 Ø6,3 mm, RGB: incluso cavo in FEP+PCP (equivalente a H05RN-F) di 1,5 m 6x0,50/0,50 Ø6,3 mm
Standard safety <i>Sicurezza standard</i>	IPS included (corrugated pipe Ø20 min), PID IPS incluso (utilizzare corrugato Ø20 min), PID
Photobiological safety <i>Sicurezza fotobiologica</i>	risk group 1 in accordance with EN62471:2006 gruppo rischio 1 secondo EN62471:2006

PHOTOMETRIC DATA (white LED, CRI 80)
DATI FOTOMETRICI (LED bianco, CRI 80)
V - 8°**T - 11°****S - 17°****M - 34°****L - 45°****J - 47°****K - 68°****W - 13°x52°****P - 21° Sharp****Q - 61° Sharp****D - Diffuso - sabbia / Diffuse - sandblasted****Z - Asimmetrica 8° / Asymmetrical 8°**
PHOTOMETRIC DATA (RGB LED)
DATI FOTOMETRICI (LED RGB)
S - 20°**M - 34°****L - 45°****W - 21°x42°**

Anti-glare / Antiabbagliamento

**WH0201***

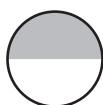
Honeycomb louvre / Nido d'ape

*order together with the lighting fixture /

da ordinare contestualmente all'apparecchio illuminante

The honeycomb louvre can be provided on all fixed optics, exception for diffuse (D), 21° sharp (P), 61° sharp (Q), 8° (V) and asymmetrical 8° (Z) optics /

Il nido d'ape è applicabile su tutte le ottiche fisse ad eccezione dell'ottica diffusa (D), dell'ottica 21° sharp (P), dell'ottica 61° sharp (Q), dell'ottica 8° (V) e dell'ottica asimmetrica 8° (Z)

**WE0400A***

Semi-diffusing screen, half transparent and half frosted /

Schermo semidiffondente, metà trasparente e metà satinato

*order together with the lighting fixture /

da ordinare contestualmente all'apparecchio illuminante**WE0400S***

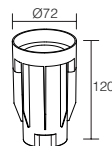
Anti-glare screen, half transparent and half serigraphed black /

Schermo antiabbagliamento, metà trasparente e metà serigrafato nero

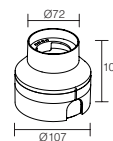
*order together with the lighting fixture /

da ordinare contestualmente all'apparecchio illuminante

For installation / Per installazione

**WC0100**

Outer casing / Cassaforma

**WC0103**

Outer casing / Cassaforma

**WG0100**

Fixing springs / Molle di fissaggio

Cables / Cavi

LED colour: white / Colore LED: bianco (5W)

WF8505* - 5 m**WF8510*** - 10 m**WF8515*** - 15 m**WF8520*** - 20 m

Neoprene cables / Cavi in neoprene

H05RN-F 2x0,75/0,75 Ø6,3 mm

IPS

*order together with the lighting fixture /

da ordinare contestualmente all'apparecchio illuminante

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

WF8605* - 5 m**WF8610*** - 10 m**WF8615*** - 15 m**WF8620*** - 20 m

Neoprene cables / Cavi in neoprene

H05RN-F 2x0,75/0,75 Ø6,3 mm

IPS

*order together with the lighting fixture /

da ordinare contestualmente all'apparecchio illuminante

LED colour: RGB / Colore LED: RGB

WF7305* - 5 m**WF7310*** - 10 m**WF7315*** - 15 m**WF7320*** - 20 m

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

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

6x0,50/0,50 Ø6,3 mm

*order together with the lighting fixture /

da ordinare contestualmente all'apparecchio illuminante