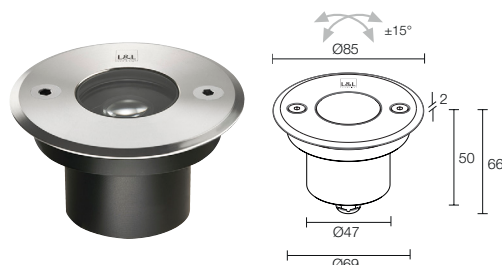
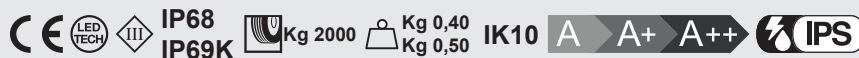


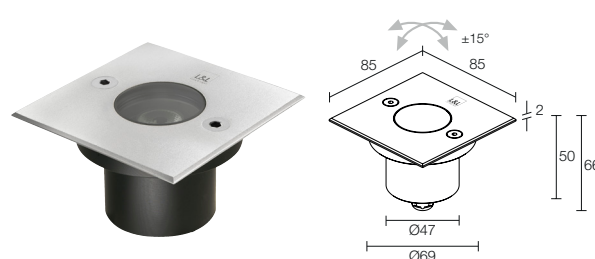


Bright 2.8 - Bright 2.9

Outdoor recessed / Incassi da esterno



Bright 2.8



Bright 2.9

DESCRIPTION

recessed for outdoor applications (not suitable for use in swimming pools or fountains); recessed (ceiling, wall, floor); 2,5W, 3,5W; 24Vdc; Lumen output at source: 145 lm (3000K, 2,5W), 184 lm (3000K, 3,5W); Delivered lumen output: 112 lm (3000K, 20°, 2,5W), 143 lm (3000K, 20°, 3,5W); 1 power LED, 1/4 ANSI BIN, 50000h L90 B10; LED colour: 2700K, 3000K, 4000K, Blue; Optics: 8° tiltable $\pm 15^\circ$, 20° tiltable $\pm 15^\circ$, sharp 36° tiltable $\pm 15^\circ$, 41° tiltable $\pm 15^\circ$, sharp 68° tiltable $\pm 15^\circ$, 10°x44° tiltable $\pm 15^\circ$; body in black anodized aluminium, trim in aluminium or AISI 316L stainless steel, screen in tempered, transparent extra-clear glass; Finishes: stainless steel, grey; power supply unit not included; includes 1,5 m neoprene cable, H05RN-F 2x0,75/0,75 Ø6,3 mm; Ingress protection: IP68, IP69K (ISO-20653 compliant); Impact resistance: IK10; version with LED colour 2200K and honeycomb louvre available on request; Protection systems: IPS; Operating temperature: -20°C — +45°C; Maximum device temperature: 55°C (Ta 25°C); Glow wire test: 960°; Photobiological safety: risk group 1 according to EN62471:2006; Appliance class: III; Weight: stainless steel trim: 500 g, aluminium trim: 400 g; Dimensions: Ø85x66 mm (Bright 2.8), 85x85x60 mm (Bright 2.9); Cutout dimensions: Ø70 mm; Volume of thermal heatsink: Ø180x120 mm; Accessories: WC0100 Outer casing, WC0103 Outer casing, WC0150 Outer casing, WE0400S Anti-glare screen, half transparent and half serigraphed black, WF8605 Neoprene cable - 5 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8610 Neoprene cable - 10 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8615 Neoprene cable - 15 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8620 Neoprene cable - 20 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8705 Neoprene cable - 5 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8710 Neoprene cable - 10 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8715 Neoprene cable - 15 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8720 Neoprene cable - 20 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WG0100 Fixing springs Ø70mm; Energy efficiency class: A / A+ / A++.

DESCRIZIONE

incasso da esterno (non adatto per immersione in piscine e fontane); a incasso (soffitto, parete, pavimento); 2,5W, 3,5W; 24Vdc; Flusso sorgente: 145 lm (3000K, 2,5W), 184 lm (3000K, 3,5W); Flusso emesso: 112 lm (3000K, 20°, 2,5W), 143 lm (3000K, 20°, 3,5W); 1 power LED, 1/4 ANSI BIN, 50000h L90 B10; Colore LED: 2700K, 3000K, 4000K, Blu; Ottiche: 8° orientabile $\pm 15^\circ$, 20° orientabile $\pm 15^\circ$, sharp 36° orientabile $\pm 15^\circ$, 41° orientabile $\pm 15^\circ$, sharp 68° orientabile $\pm 15^\circ$, 10°x44° orientabile $\pm 15^\circ$; corpo in alluminio anodizzato nero, ghiera in alluminio o acciaio inox AISI 316L, schermo in vetro extrachiaro temprato trasparente; Finiture: acciaio inox, grigio; alimentatore non incluso; incluso cavo in neoprene di 1,5 m H05RN-F 2x0,75/0,75 Ø6,3 mm; Grado di protezione: IP68, IP69K (conforme a ISO-20653); Grado di resistenza: IK10; su richiesta disponibile la versione con colore LED 2200K e con nido d'ape; Sistemi di protezione: IPS; Temperatura di esercizio: -20°C — +45°C; Temperatura massima apparecchio: 55°C (Ta 25°C); Glow wire test: 960°; Sicurezza fotobiologica: gruppo rischio 1 secondo EN62471:2006; Classe di isolamento: III; Peso: ghiera in acciaio inox: 500 g, ghiera in alluminio: 400 g; Dimensioni: Ø85x66 mm (Bright 2.8), 85x85x60 mm (Bright 2.9); Foro d'incasso: Ø70 mm; Volume tecnico per dissipazione: Ø180x120 mm; Accessori: WC0100 Cassaforma, WC0103 Cassaforma, WC0150 Cassaforma, WE0400S Schermo antiabbagliamento, metà trasparente e metà serigrafato nero, WF8605 Cavo in neoprene - 5 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8610 Cavo in neoprene - 10 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8615 Cavo in neoprene - 15 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8620 Cavo in neoprene - 20 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8705 Cavo in neoprene - 5 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8710 Cavo in neoprene - 10 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8715 Cavo in neoprene - 15 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8720 Cavo in neoprene - 20 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WG0100 Molle di fissaggio Ø70mm; Classe di consumo energetico: A / A+ / A++.

ELECTRICAL FEATURES / CARATTERISTICHE ELETTRICHE

Power consumption <i>Potenza assorbita</i>	2.5W, 3.5W
Power supply <i>Alimentazione</i>	24Vdc
Power supply unit <i>Alimentatore</i>	not included <i>non incluso</i>
Dimming <i>Dimmerazione</i>	with dimmer (optional) online 24Vdc <i>con dimmer (opzionale) in linea 24Vdc</i>
Connection <i>Collegamento</i>	parallel <i>parallelo</i>

LIGHTING FEATURES / CARATTERISTICHE ILLUMINOTECNICHE

No. and type of LED / <i>N° e tipo di LED</i>	1 power LED
Average LED life / <i>Duratura media LED</i>	80% after 50.000 h
LED colour <i>Colore LED</i>	white: 2700K, 3000K, 4000K; blue <i>bianco: 2700K, 3000K, 4000K; blu</i>
CRI <i>Indice resa cromatica CRI</i>	>80
Selection <i>Selezione</i>	1/4 ANSI BIN
Optics <i>Ottiche</i>	adjustable $\pm 15^\circ$: 8°, 20°, 36° sharp, 41°, 68° sharp, 10°x44° <i>orientabili $\pm 15^\circ$: 8°, 20°, 36° sharp, 41°, 68° sharp, 10°x44°</i>
Total delivered lumens <i>Flusso totale apparecchio</i>	143 lm (20°, 3000K, 3.5W)

MECHANICAL FEATURES / CARATTERISTICHE MECCANICHE

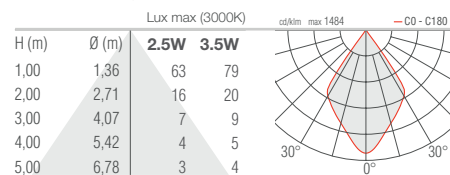
Dimensions / <i>Dimensioni</i>	Ø85x66mm (Bright 2.8), 85x85x60mm (Bright 2.9)
Weight / <i>Peso</i>	0,40 kg (aluminium trim); 0,50 kg (stainless steel trim) <i>0,40 kg (ghiera in alluminio); 0,50 kg (ghiera in acciaio inox)</i>
Finishes <i>Finiture</i>	micro blasted stainless steel, grey RAL 9006 <i>acciaio inox micro sabbiato, grigio RAL 9006</i>
Fixing <i>Fissaggio</i>	with outer casing or with spring <i>con cassafornia o con molla</i>
Ferrule material <i>Materiale ghiera</i>	aluminium (only Bright 2.8), stainless steel AISI 316L <i>alluminio (solo Bright 2.8), acciaio inox AISI 316L</i>
Body material <i>Materiale corpo</i>	anodized aluminium alloy EN AW 6082 <i>alluminio anodizzato lega EN AW 6082</i>
Screen material <i>Materiale schermo</i>	tempered, transparent extra-clear glass <i>vetro extrachiaro trasparente temprato</i>
Cut-out size / <i>Foro d'incasso</i>	Ø 70 mm
Overall volume / <i>Volume tecnico per dissipazione</i>	Ø 180x120 mm

GENERAL FEATURES / CARATTERISTICHE GENERALI

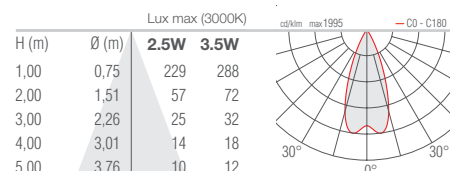
Operating temperature / <i>Temperatura di esercizio</i>	from -20 °C to +45 °C
Ingress protection / <i>Grado di protezione</i>	IP68, IP69K (ISO-20653 compliant)
Impact resistance / <i>Grado di resistenza</i>	IK10
Energy efficiency class <i>Classe di consumo energetico</i>	A/A+/A++ (built-in LED lamps) 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°
Screen temperature / <i>Temperatura schermo</i>	max 40°C (Ta 25°C)
Appliance class / <i>Classe di isolamento</i>	class III / <i>classe III</i>
Walkover / <i>Calpestabile</i>	yes / <i>si</i>
Drive-over / <i>Carrabile</i>	yes, up to 2000 kg <i>si, fino a 2000 kg</i>
Power cables <i>Cavi di alimentazione</i>	includes 1,5 m neoprene cable, H05RN-F 2x0,75/0,75 Ø6,3 mm <i>incluso cavo in neoprene di 1,5 m H05RN-F 2x0,75/0,75 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
DATI FOTOMETRICI

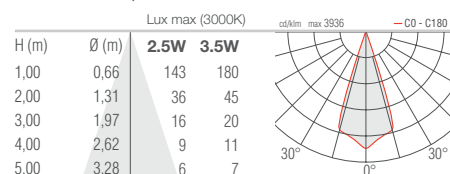
Q - 68° Sharp



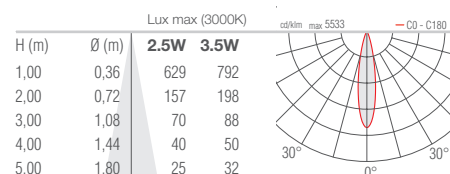
L - 41°



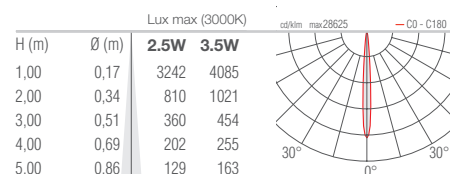
P - 36° Sharp



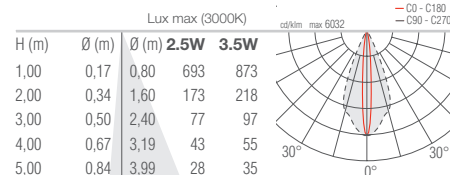
M - 20°



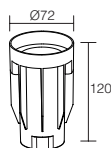
S - 8°



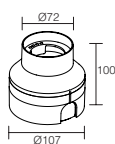
W - 10°x44°



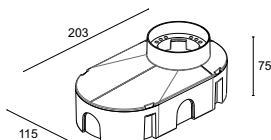
For installation / Per installazione

**WC0100**

Outer casing / Cassaforma

**WC0103**

Outer casing / Cassaforma

**WC0150**

Outer casing / Cassaforma

**WG0100**

Fixing springs / Molle di fissaggio

Anti-glare / Antiabbagliamento

**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

Cables / Cavi

Power / potenza 2.5W

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

Power / potenza 3.5W

WF8705 - 5 m**WF8710** - 10 m**WF8715** - 15 m**WF8720** - 20 m

Neoprene cables / Cavi in neoprene

H05RN-F 2x0,75/0,75 Ø6,3 mm

IPS