



Smoothy 2.4

Outdoor recessed / Incassi da esterno



Smoothy 2.4

DESCRIPTION

recessed for outdoor applications; recessed (ceiling, wall, floor); 3,5W, 5W, 7W; RGB: max 7W; 24Vdc; RGB: max 700mA; Lumen output at source: 488 lm (3000K, 5W, CRI 80), 452 lm (3000K, 5W, CRI 90), 657 lm (3000K, 7W, CRI 80), 608 lm (3000K, 7W, CRI 90), RGB: 311 lm, R: 108 lm G: 133 lm B: 70 lm (700mA); Delivered lumen output: 352 lm (3000K, 34°, 5W, CRI 80, 284 lm (3000K, 34°, 5W, CRI 90), 463 lm (3000K, 34°, 7W, CRI 80), 374 lm (3000K, 34°, 7W, CRI 90), RGB: 253 lm, R: 98 lm G: 114 lm B: 41 lm (700mA, 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: 5°, 8°, 11°, 17°, 20°, sharp 21°, 34°, 45°, sharp 61°, 13°x52°, 21°x42°, diffuse; CRI: 80, 90; body in anodized aluminium, trim in AISI 316L stainless steel, screen in tempered, transparent extra-clear glass (optics version), screen in acid-etched, tempered extra-clear glass (diffuse version); power supply unit not included; includes 1,5 m neoprene cable, H05RN-F 2x0,75/0,75 Ø6,3 mm; RGB: includes 1,5 m FEP+RUB cable (equivalent to H05RN-F cable) 6x0,50/0,50 Ø6,3 mm; Wiring: parallel; RGB: series; Ingress protection: IP67; Impact resistance: IK08; Protection systems: IPS, PID; Operating temperature: -20°C — +45°C; 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: 430 g; Dimensions: Ø84x67 mm; Cut-out dimensions: Ø75 mm; Volume of thermal heatsink: Ø200x140 mm; Accessories: WC4020 Outer casing, WE0701S Anti-glare screen, half transparent and half serigraphed black, WF7305 FEP+RUB cable (equivalent to H05RN-F cable) - 5 m 6x0,50/0,50 Ø6,3 mm, WF7310 FEP+RUB cable (equivalent to H05RN-F cable) - 10 m 6x0,50/0,50 Ø6,3 mm - IPS, WF7315 FEP+RUB cable (equivalent to H05RN-F cable) - 15 m 6x0,50/0,50 Ø6,3 mm - IPS, WF7320 FEP+RUB cable (equivalent to H05RN-F cable) - 20 m 6x0,50/0,50 Ø6,3 mm - IPS, WF8505 Neoprene cable - 5 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8510 Neoprene cable - 10 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8515 Neoprene cable - 15 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8520 Neoprene cable - 20 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, 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, WG0502 Fixing springs Ø75mm, WH0203 Honeycomb louvre, WL0100 Suction cup; Energy efficiency class: A / A+ / A++.

DESCRIZIONE

incasso da esterno; a incasso (soffitto, parete, pavimento); 3,5W, 5W, 7W; RGB: max 7W; 24Vdc; RGB: max 700mA; Flusso sorgente: 488 lm (3000K, 5W, CRI 80), 452 lm (3000K, 5W, CRI 90), 657 lm (3000K, 7W, CRI 80), 608 lm (3000K, 7W, CRI 90), RGB: 311 lm, R: 108 lm G: 133 lm B: 70 lm (700mA); Flusso emesso: 352 lm (3000K, 34°, 5W, CRI 80, 284 lm (3000K, 34°, 5W, CRI 90), 463 lm (3000K, 34°, 7W, CRI 80), 374 lm (3000K, 34°, 7W, CRI 90), RGB: 253 lm, R: 98 lm G: 114 lm B: 41 lm (700mA, 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: 5°, 8°, 11°, 17°, 20°, sharp 21°, 34°, 45°, sharp 61°, 13°x52°, 21°x42°, diffusa; CRI: 80, 90; corpo in alluminio anodizzato, ghiera in acciaio inox AISI 316L, schermo in vetro extrachiaro temprato trasparente (versione con ottiche), schermo in vetro extrachiaro temprato acidato (versione diffusa); alimentatore non incluso; incluso cavo in neoprene di 1,5 m H05RN-F 2x0,75/0,75 Ø6,3 mm; RGB: incluso cavo in FEP+RUB (equivalente a H05RN-F) di 1,5 m 6x0,50/0,50 Ø6,3 mm; Collegamento: in parallelo; RGB: in serie; Grado di protezione: IP67; Grado di resistenza: IK08; Sistemi di protezione: IPS, PID; Temperatura di esercizio: -20°C — +45°C; 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: 430 g; Dimensioni: Ø84x67 mm; Foro d'incasso: Ø75 mm; Volume tecnico per dissipazione: Ø200x140 mm; Accessori: WC4020 Cassaforma, WE0701S Schermo antiabbagliamento, metà trasparente e metà serigrafato nero, WF7305 Cavo in FEP+RUB (equivalente a H05RN-F) - 5 m 6x0,50/0,50 Ø6,3 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, WF8505 Cavo in neoprene - 5 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8510 Cavo in neoprene - 10 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8515 Cavo in neoprene - 15 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8520 Cavo in neoprene - 20 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, 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, WG0502 Molle di fissaggio Ø75mm, WH0203 Nido d'ape, WL0100 Ventosa; Classe di consumo energetico: A / A+ / A++.

ELECTRICAL FEATURES / CARATTERISTICHE ELETTRICHE

Power consumption <i>Potenza assorbita</i>	3.5W (only 5° optic), 5W, 7W; max 7W (RGB only); <i>3.5W (solo ottica 5°), 5W, 7W; max 7W (solo RGB);</i>
Power supply <i>Alimentazione</i>	24Vdc, max 700mA (RGB only)
Power supply unit <i>Alimentatore</i>	not included <i>non incluso</i>
Dimming <i>Dimmerazione</i>	with dimmer (optional) online 24Vdc; with dimmable driver (optional) or dimmer (optional) <i>con dimmer (opzionale) in linea 24Vdc; con alimentatore dimmerabile (opzionale) o dimmer (opzionale)</i>
Connection <i>Collegamento</i>	parallel (24Vdc); series (max 700mA) <i>parallelo (24Vdc); serie (max 700mA)</i>

LIGHTIN FEATURES / CARATTERISTICHE ILLUMINOTECNICHE

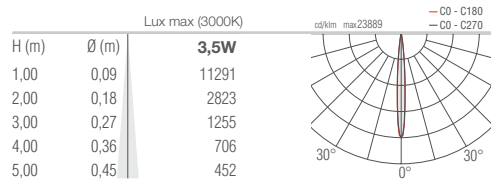
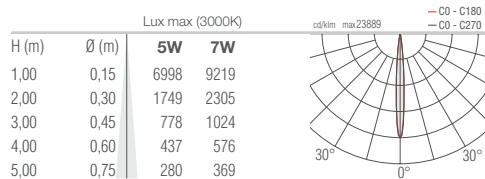
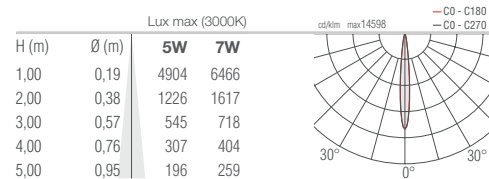
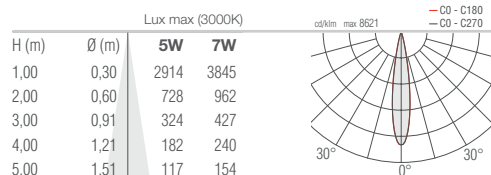
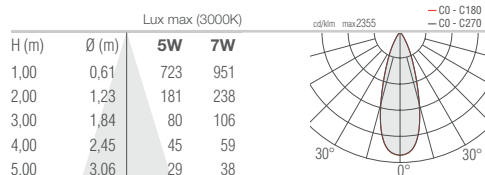
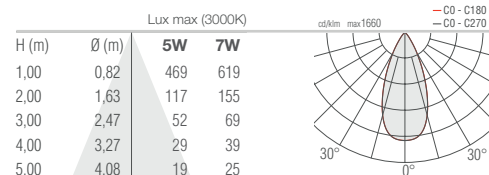
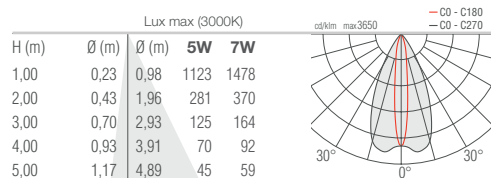
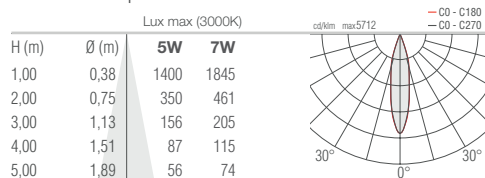
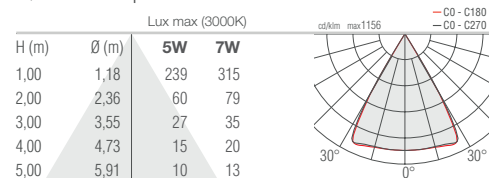
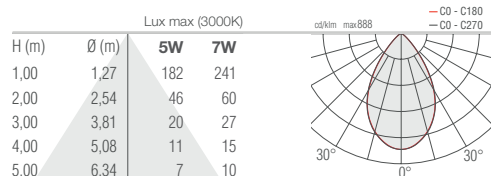
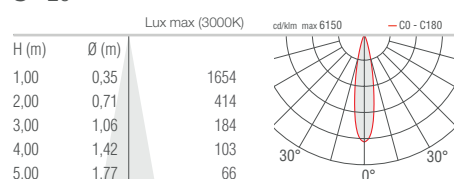
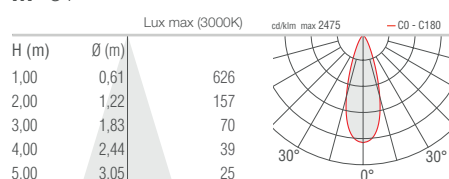
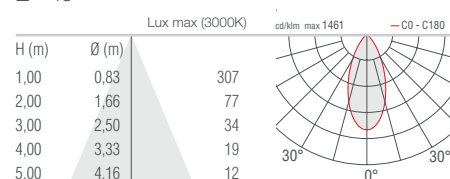
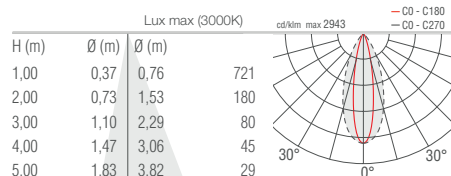
No. and type of LED / <i>N° e tipo di LED</i>	white: 1 power LED High Intensity / RGB: 3 power LEDs
Average LED life / <i>Duratura media LED</i>	50000h L90 B10
LED colour <i>Colore LED</i>	white: 2700K, 3000K, 4000K; RGB <i>bianco: 2700K, 3000K, 4000K; RGB</i>
CRI <i>Indice resa cromatica CRI</i>	80, 90
Selection <i>Selezione</i>	3 Step MacAdam (white LED)
Optics <i>Ottiche</i>	white: 5°, 8°, 11°, 17°, 21° sharp, 34°, 45°, 61° sharp, 13°x52°, diffuse; RGB: 20°, 34°, 45°, 21°x42°; <i>bianco: 5°, 8°, 11°, 17°, 21° sharp, 34°, 45°, 61° sharp, 13°x52°, diffusa; RGB: 20°, 34°, 45°, 21°x42°;</i>
Lumen output at source <i>Flusso orgente</i>	488 lm (3000K, 5W, CRI 80), 452 lm (3000K, 5W, CRI 90) 657 lm (3000K, 7W, CRI 80), 608 lm (3000K, 7W, CRI 90) RGB: 311 lm (R 108 lm, G 133 lm, B 70 lm, 700mA)
Total delivered lumens <i>Flusso totale apparecchio</i>	352 lm (34°, 5W, CRI 80), 284 lm (34°, 3000K, 5W, CRI 90) 463 lm (34°, 7W, CRI 80), 374 lm (34°, 3000K, 7W, CRI 90) RGB: 253 lm, R: 98 lm G: 114 lm B: 41 lm (700mA, 34°)

MECHANICAL FEATURES / CARATTERISTICHE MECCANICHE

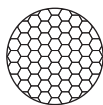
Dimensions / <i>Dimensioni</i>	Ø84x67 mm
Weight / <i>Peso</i>	0,43 kg
Fixing <i>Fissaggio</i>	with outer casing or fixing springs <i>con cassaforma o molle di fissaggio</i>
Body material <i>Materiale corpo</i>	anodized aluminium alloy EN AW 6082 <i>alluminio anodizzato lega EN AW 6082</i>
Trim material <i>Materiale ghiera</i>	AISI 316L stainless steel <i>acciaio inox AISI 316L</i>
Screen material <i>Materiale schermo</i>	tempered, transparent extra-clear glass (optics version), screen in acid-etched, tempered extra-clear glass (diffuse version) <i>vetro extrachiaro temprato trasparente (versione con ottiche), vetro extrachiaro temprato acidato (versione diffusa)</i>
Cut-out size / <i>Foro d'incasso</i>	Ø 75 mm
Overall volume / <i>Volume tecnico per dissipazione</i>	Ø 200x140 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>	IP67
Impact resistance / <i>Grado di resistenza</i>	IK08
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°C
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>	yes, up to 1000 kg <i>sì, fino a 1000 kg</i>
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+RUB cable (equivalent to H05RN-F cable), 6x0.50/0.50 Ø6.3 mm <i>incluso cavo in neoprene di 1,5 m H05RN-F 2x0,75/0,75 Ø6,3 mm, RGB: incluso cavo in FEP+RUB (equivalente a H05RN-F) di 1,5 m 6x0,50/0,50 Ø6,3 mm</i>
Standard safety <i>Sicurezza standard</i>	IPS included (corrugated pipe Ø20 min), PID <i>IPS incluso (utilizzare corrugato Ø20 min), PID</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, CRI 80)
DATI FOTOMETRICI (LED bianco, CRI 80)
U - 5°**V - 8°****T - 11°****S - 17°****M - 34°****L - 45°****W - 13°x52°****P - 21° Sharp****Q - 61° Sharp****D - Diffuso - sabbiato / Diffuse - sandblasted**
PHOTOMETRIC DATA (RGB LED)
DATI FOTOMETRICI (LED RGB)
S - 20°**M - 34°****L - 45°****W - 21°x42°**

Anti-glare / Antiabbagliamento

**WH0203***

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) and 61° sharp (Q) optics /

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

**WE0701S***

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

Schermo antiabbagliamento, metà trasparente e metà serigrafato nero

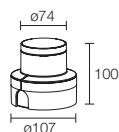
*order together with the lighting fixture /

da ordinare contestualmente all'apparecchio illuminante

can be fitted on all optics except for diffuse optics and RGB version /

applicabile su tutte le ottiche ad eccezione dell'ottica diffusa e della versione RGB

For installation / Per installazione

**WC4020**

Outer casing / Cassaforma

**WG0502**

Fixing spring / Molla di fissaggio

**WL0100**

Suction cup / Ventosa

Cables / Cavi

LED colour: white / Colore LED: bianco (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

*order together with the lighting fixture /

da ordinare contestualmente all'apparecchio illuminante

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+RUB 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