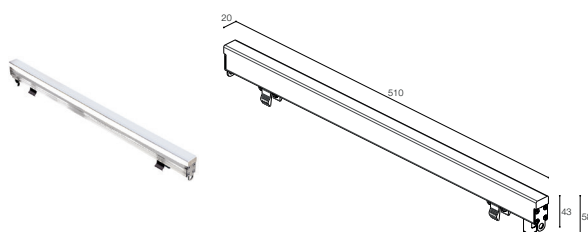
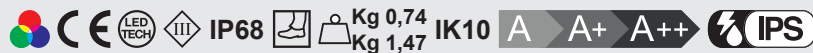


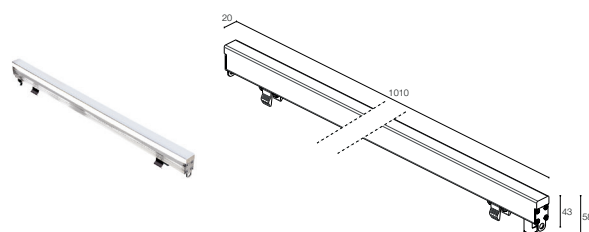


Rio Sub 1.1 - Rio Sub 1.2

Linear profile for outdoor application and for submersion / Profilo lineari da esterno ed immersione



Rio Sub 1.1



Rio Sub 1.2

DESCRIPTION

Linear profile for outdoor applications, walkover up to 500 kg; recessed (suitable for permanent submersion, max 10m; not suitable for swimming pools that use salt electrolysis systems to sanitize the water); body in stainless steel, screen in PMMA; 48 (Rio Sub 1.1), 96 (Rio Sub 1.2) SMD low power LED; 6W (Rio Sub 1.1), 12W (Rio Sub 1.2) - 24Vdc; RGB: 8,5W (Rio Sub 1.1), 17W (Rio Sub 1.2) - 24Vdc; includes 5 m neoprene cable, H05RN-F 2x1,00 Ø6,8 mm; RGB: includes 5 m FEP+PCP cable (equivalent to H05RN-F cable) 4x0,50 Ø6,3 mm; total delivered lumens: 140 lm (Rio Sub 1.1), 280 lm (Rio Sub 1.2) (2800K); RGB: 100 lm (R 22 lm, G 64 lm, B 14 lm, Rio Sub 1.1), 200 lm (R 44 lm, G 128 lm, B 28 lm, Rio Sub 1.2); diffuse optics; LED colour: white - 2600K, 2800K, 3700K, RGB; ingress protection: IP68; impact resistance: IK10; IPS built into the cable gland; operating temperature: -20°C+45°C (installation in outdoor environment), 0°C+45°C (underwater installation); screen temperature: max 40°C (Ta 25°C); photobiological safety: risk group 2 in accordance with EN62471:2006; appliance class: III; weight 0.74 kg (Rio Sub 1.1), 1.47 kg (Rio Sub 1.2); dimensions 510x20x58 mm (Rio Sub 1.1), 1010x20x58 mm (Rio Sub 1.2); dimming using a 24Vdc dimmer; accessories: stainless steel outer casing WC8551 (Rio Sub 1.1), WC8552 (Rio Sub 1.2), 5 m FEP+PCP cable (equivalent to H05RN-F cable) 4x0,50 Ø6,3 mm (WF7605).

DESCRIZIONE

Profilo lineare da esterno, calpestabile fino a 500 kg; a incasso (adatto a immersione permanente, max 10 m; non adatto per piscine che utilizzano sistemi ad elettrolisi del sale per la depurazione dell'acqua); corpo in acciaio inox, schermo in PMMA; 48 (Rio Sub 1.1), 96 (Rio Sub 1.2) SMD low power LED; 6W (Rio Sub 1.1), 12W (Rio Sub 1.2) - 24Vdc; RGB: 8,5W (Rio Sub 1.1), 17W (Rio Sub 1.2) - 24Vdc; incluso cavo in neoprene di 5 m H05RN-F 2x1,00 Ø6,8 mm; RGB: incluso cavo in FEP+PCP (equivalente a H05RN-F) di 5 m 4x0,50 Ø6,3 mm; flusso totale: 140 lm (Rio Sub 1.1), 280 lm (Rio Sub 1.2) (2800K); RGB: 100 lm (R 22 lm, G 64 lm, B 14 lm, Rio Sub 1.1), 200 lm (R 44 lm, G 128 lm, B 28 lm, Rio Sub 1.2); ottica diffusa; colore LED: bianco - 2600K, 2800K, 3700K, RGB; grado di protezione: IP68; grado di resistenza: IK10; dotato di sistema IPS integrato nel pressacavo; temperatura di esercizio: -20°C+45°C (installazione in ambiente esterno), 0°C+45°C (installazione in immersione); temperatura schermo: max 40°C (Ta 25°C); sicurezza fotobiologica: gruppo rischio 2 secondo EN62471:2006; classe di isolamento III; peso: 0,74 kg (Rio Sub 1.1), 1,47 kg (Rio Sub 1.2); dimensioni 510x20x58 mm (Rio Sub 1.1), 1010x20x58 mm (Rio Sub 1.2); dimmerazione disponibile mediante dimmer in linea 24Vdc; accessori: cassaforma in acciaio inox WC8551 (Rio Sub 1.1), WC8552 (Rio Sub 1.2), cavo in FEP+PCP (equivalente a H05RN-F) di 5 m 4x0,50 Ø6,3 mm WF7605.

DATA SHEET / SCHEDA TECNICA

TECHNICAL DATA / DATI TECNICI

Rio Sub 1.1 - Rio Sub 1.2

ELECTRICAL FEATURES / CARATTERISTICHE ELETTRICHE

Power consumption <i>Potenza assorbita</i>	Rio Sub 1.1: 6W - Rio Sub 1.2: 12W RGB: Rio Sub 1.1: 8,5W - Rio Sub 1.2: 17W
Power supply <i>Alimentazione</i>	24Vdc; RGB: 24Vdc
Power supply unit <i>Alimentatore</i>	Not included <i>Non incluso</i>
Dimming <i>Dimmerazione</i>	Dimming using a 24Vdc dimmer (optional) <i>Dimmerazione disponibile mediante dimmer in linea 24Vdc (opzionale)</i>
Connection <i>Collegamento</i>	Parallel <i>Parallelo</i>

LIGHTIN FEATURES / CARATTERISTICHE ILLUMINOTECNICHE

No. and type of LED / <i>N° e tipo di LED</i>	Rio Sub 1.1: 48 SMD low power LED; RGB: SMD full colour LED Rio Sub 1.2: 96 SMD low power LED; RGB: SMD full colour LED
Average LED life / <i>Duratura media LED</i>	80% after 50.000 h
LED colour <i>Colore LED</i>	White - 2600K, 2800K, 3700K, RGB <i>Bianco - 2600K, 2800K, 3700K, RGB</i>
CRI <i>Indice resa cromatica CRI</i>	>80
Binning <i>Selezione</i>	3 Step MacAdam
Optics <i>Ottiche</i>	diffuse <i>diffusa</i>
Total delivered lumens <i>Flusso totale apparecchio</i>	Rio Sub 1.1: 140 lm (2800K); Rio Sub 1.2: 280 lm (2800K); RGB: 100 lm (R 22 lm, G 64 lm, B 14 lm, Rio Sub 1.1) 200 lm (R 44 lm, G 64 lm, B 28 lm, Rio Sub 1.2)

MECHANICAL FEATURES / CARATTERISTICHE MECCANICHE

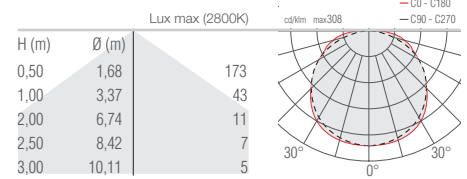
Dimensions / <i>Dimensioni</i>	Rio Sub 1.1: 510x20x58 mm Rio Sub 1.2: 1010x20x58 mm
Weight / <i>Peso</i>	0.74 kg (Rio Sub 1.1), 1.47 kg (Rio Sub 1.2)
Finishes <i>Finiture</i>	-
Installation <i>Fissaggio</i>	With outer casing <i>Con cassaforma</i>
Body material <i>Materiale corpo</i>	Stainless steel AISI 316 L <i>Acciaio inox AISI 316 L</i>
Screen material <i>Materiale schermo</i>	PMMA
Cut-out size / <i>Foro d'incasso</i>	Rio 1.1: 58x545 mm Rio 1.2: 58x1045 mm

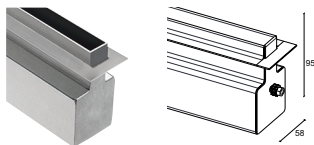
GENERAL FEATURES / CARATTERISTICHE GENERALI

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 (10 m)
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 EU 874/2012 <i>A/A+/A++ (modulo LED integrato) in accordo con</i> <i>UE 874/2012</i>
Glow wire test / <i>Glow wire test</i>	-
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, up to 500Kg / <i>Sì, fino a 500Kg</i>
Drive-over / <i>Carrabile</i>	no
Power cables <i>Cavi di alimentazione</i>	includes 5 m neoprene cable, H05RN-F 2x1,00 Ø6,8 mm RGB: includes 5 m FEP+PCP cable (equivalent to H05RN-F cable), 4x0,50 Ø6,3 mm <i>incluso cavo in neoprene di 5 m H05RN-F 2x1,00</i> <i>Ø6,8 mm</i> <i>RGB: incluso cavo in FEP+PCP (equivalente a</i> <i>H05RN-F) di 5 m, 4x0,50 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 DATI FOTOMETRICI

D - Diffuso / Diffuse



For installation / Per installazione**WC8551** - 545 mm - Rio Sub 1.1**WC8552** - 1045 mm - Rio Sub 1.2

Stainless steel outer casing

*Cassaforma in acciaio inox***Cables / Cavi**LED colour: RGB / *Colore LED: RGB***WF7605** - 5 m

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

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

4x0,50/0,50 Ø6,3 mm

IPS