CHANNEL TUBE

Outdoor LED fixture suitable for Bridges, Swimming Pools and Underground stations.

The sea wall is Jaffa / Lighting design: Noa Lev

dled

CHANNEL TUBE is a versatile IP-68 linear profile. Up to 4 channel configuration and a choice of optics at a wide range of LED configurations. Channel tube is simple to install, with a supplied set of 2 quick opening stainless clamps and nickel-plated cable gland (included). Attachment is easy and the illumination can be adjusted to any direction.

The high output **CHANNEL TUBE** incorporates Philips Lumileds Rebel LED's and can be operated at 700mA, with a max power consumption of 50W per meter. IP 68-2m rated, the enclosure is well suited to adverse conditions of dust and water thanks to its excellent sealing.With IK-10 rating Thanks to its constructive 3.5 mm polycarbonate housing this luminaire has the highest degree of impact protection.

CHANNEL TUBE is suitable for many applications such as Bridges, Swimming Pools, Thermal Baths and Spas, Underground stations and tunnels, Rooms on the seafront and coastal areas.
For More information about the lighting qualities of the Channel Tube please visit the Channel 4 Section in the Website
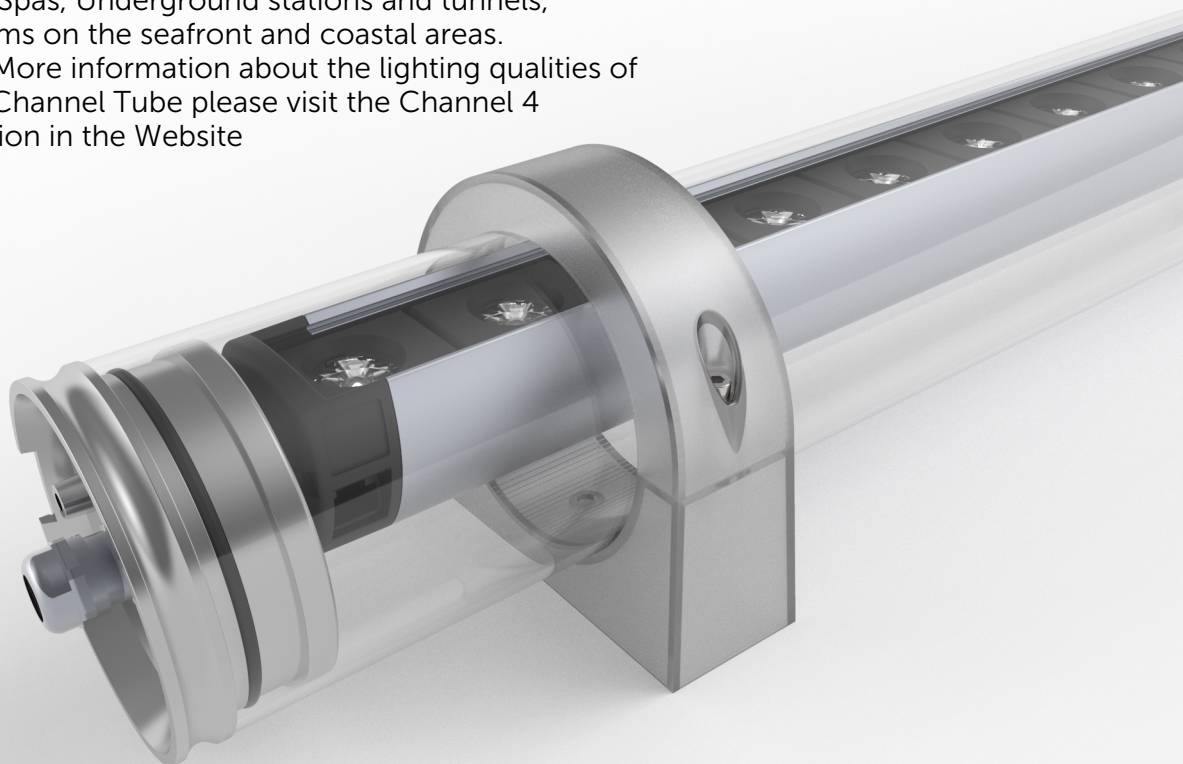
IP 68	70-90 CRI	50W Meter	5520lm	121lm/w @ 350mA	6 to 47 & Oval	2200 - 6500K	GB/RGBW/DW	Clear

OUTPUT

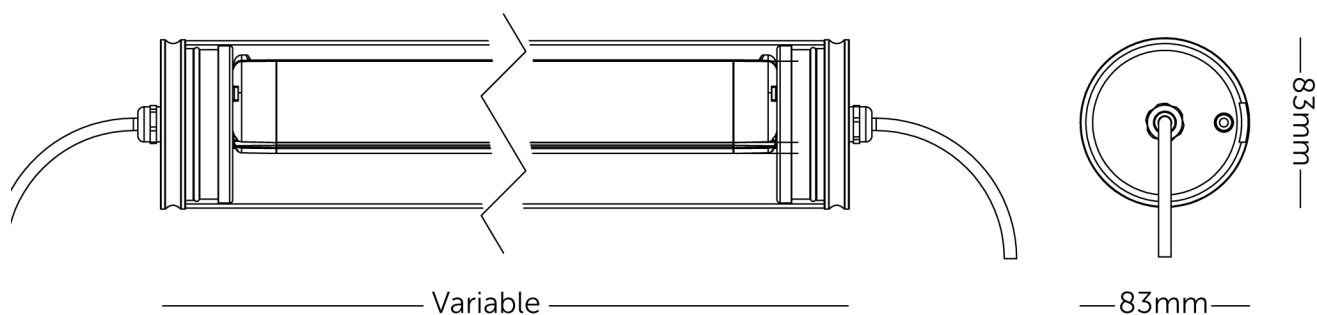|	
LED System	Philips Lumileds Luxeon Rebel ES / Luxeon TX / Luxeon Z ES
Intensity	5520 lm per 100cm / CRI 80 / 4000K / 700mA
Channel Range	1 / 2 / 3 / 4 Channels
Color Range	2200K / 2700K / 3000K / 3500K / 4000K / 5000K / 5700K / 6500K RGB / RGBW/DW
Optical System	8° / 12° / 14° / 21° / 26° / 30° / 36° / 47° / Oval 47 * 12° / 12 * 47° / 46 * 10°

ELECTRICAL

Control	External or Internal current driver / External or Internal Voltage driver
Input Voltage	220V / 48V
Consumption	50W Meter / Max. 76W for Profile
Max LED's	36 LEDs
Efficiency LM/W	124 lm/w @ 3000K / 350MA
Connection	1m Cable 2*4 24AWG IP 65 CAT.5

ENVIRONMENTAL

IP Rating	IP 68
Working Temp.	-18°C ~ 40°C / 0°F ~ 104°F
Storage Temp.	-10°C ~ 60°C / 14°F ~ 140°F

PHYSICAL

Size	Variable Length * Ø83mm
Housing	Light fitting body: 2mm Anti-UV polycarbonate housing. End Caps: Nickeled

DRAWING

Variable

83mm

83mm

Fixture Length

Fixture Length	
603mm	●○○○○○○○○○○○○○
1051mm	●○○○○○○○○○○○○○○○○○○○○
1395mm	●○○○○○○○○○○○○○○○○○○○○○○○○○
1552mm	●○○○○○○○○○○○○○○○○○○○○○○○○○○○○
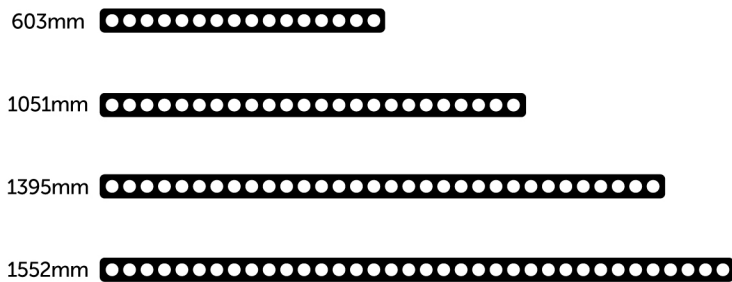
Number of LEDs	4CH	3CH	3/4CH	2/4CH	3/6CH
	8	12	⊗	16	⊗
	12	18	24	24	12
	16	24	⊗	32	⊗
	18	⊗	36	36	18

105mm
120mm
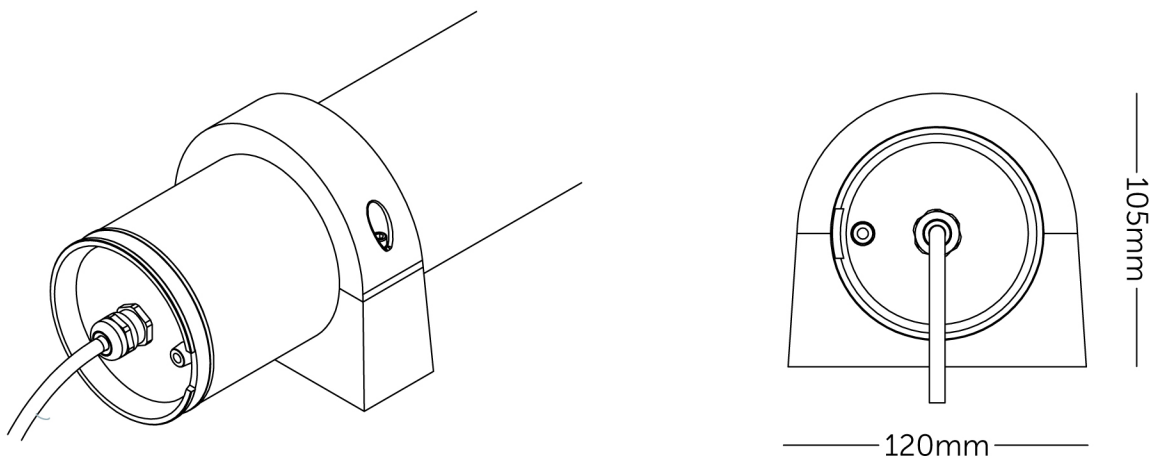
Wall Bracket

Pin	Wire Color	Polarity	3 CH	4 CH
1	W/Geen		R+	R+
2	Green		R-	R-
3	W/Orange		NTC	W+
4	Blue		G-	G-
5	W/Blue		G+	G+
6	Orange		NTC	W-
7	W/Brown		B+	B+
8	Brown		B-	B-

RJ45