

EXPLOSION PROOF STAINLESS STEEL LED LINEAR LUMINAIRES X-LINEAR-SS-C1 Series



Lighting the world's toughest frontiers — Marine, Offshore, Nuclear
& Petrochemical.



Product description

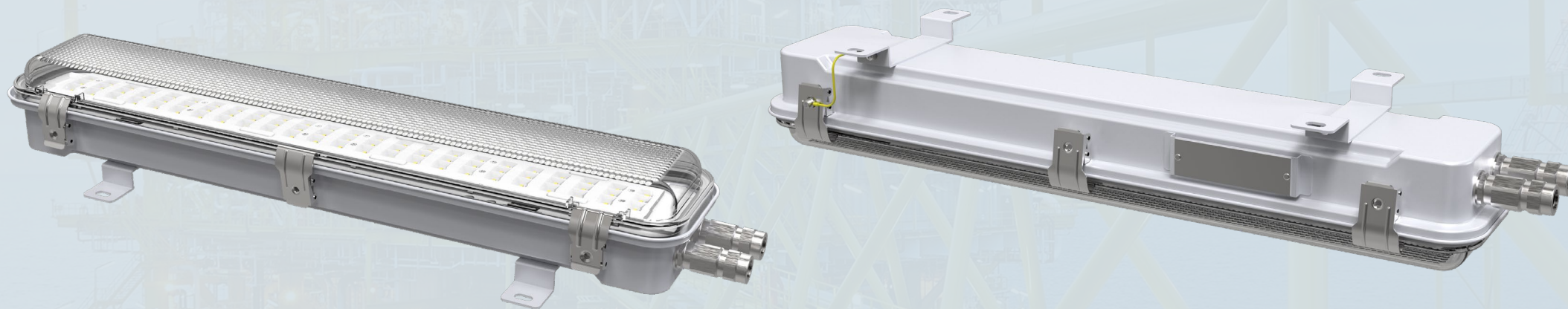
X-LINEAR-SS-C1 Series



These fixtures provide a high-transmittance, impact-resistant PC lampshade and a uniquely sealed end-cap design for excellent waterproof and dustproof performance. Its curved reflector provides a wide 120° beam angle. Tool-free end-cap wiring with clamping terminal block enables quick and safe installation. The fixture includes an explosion-proof cable gland, potted driver and LED module, optional emergency backup, and single-lamp controller. Supports both steel conduit and cable wiring.

Product Appearance

X-LINEAR-SS-C1 Series



Certificate

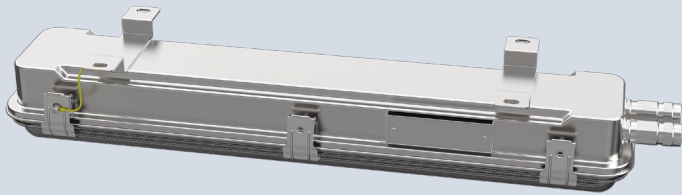


Certification Body	Standard No.	Status	Notes
IECEX	IEC 60079-0:2017 IEC 60079-1:2014 IEC 60079-7:2017 IEC 60079-18:2017 IEC 60079-31:2022	Certified	
ATEX	EN IEC 60079-0:2018 EN 60079-1:2014 EN 60079-7:2015 EN IEC 60079-7:2015/A1:2018 EN 60079-18:2015 EN 60079-18:2015/A1:2017 EN 60079-31:2014	Certified	
CNEX (China)	GB/T 3836.1-2021 GB/T 3836.2-2021 GB/T 3836.3-2021 GB/T 3836.9-2021 GB/T 3836.31-2021	Certified	

Materials

X-LINEAR-SS-C1 Series

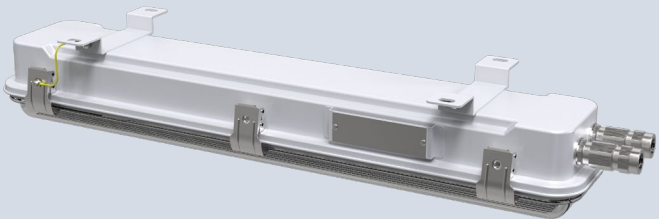
304SS Housing + PC Cover



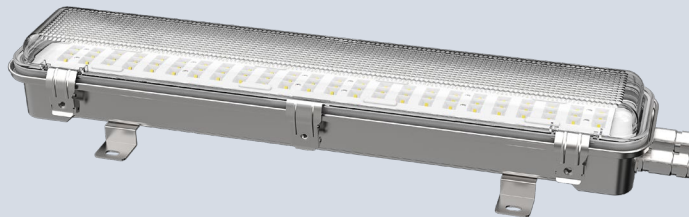
Carbon Steel + PC Cover



GRP Housing + PC Cover



316/316L SS + PC Cover



Multiple housing material options available

Carbon Steel, 304/316/316L stainless steel or GRP housing and a high-impact-resistant polycarbonate cover, ensuring durability against moisture, corrosion, and harsh industrial conditions.



Certification

X-LINEAR-SS-C1 Series

These lighting fixtures are suitable for Zone 1 and Zone 2 hazardous locations with explosive gas environments classified as II A, II B, and II C, and temperature classes T1 to T5.

They can also be used in combustible dust environments of Zones 21 and 22 with temperature classes above T80°C/T95°C, serving as illumination for indoor and outdoor work sites.



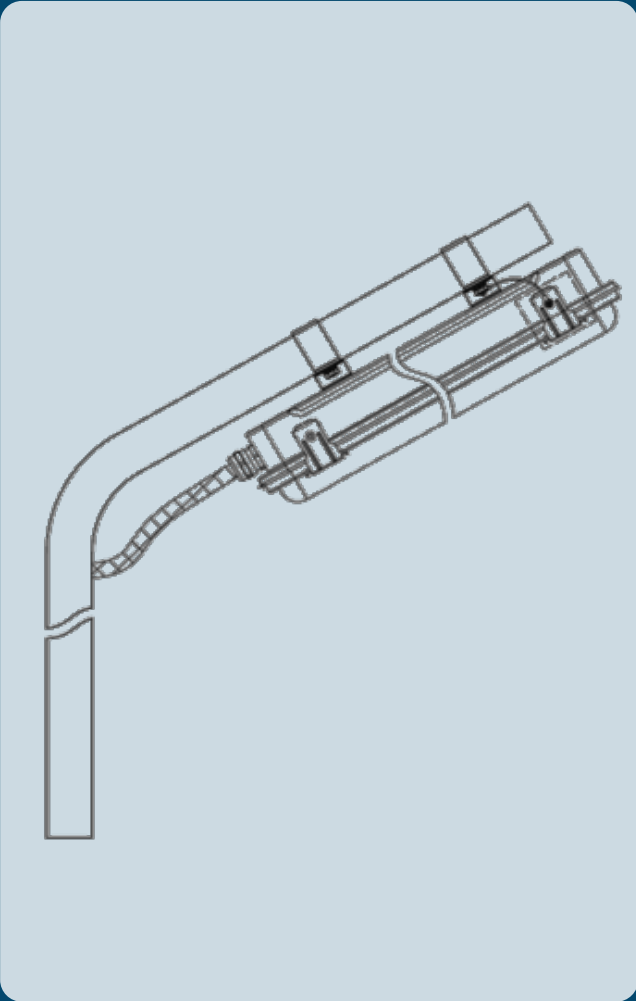
Specification

X-LINEAR-SS-C1 Series

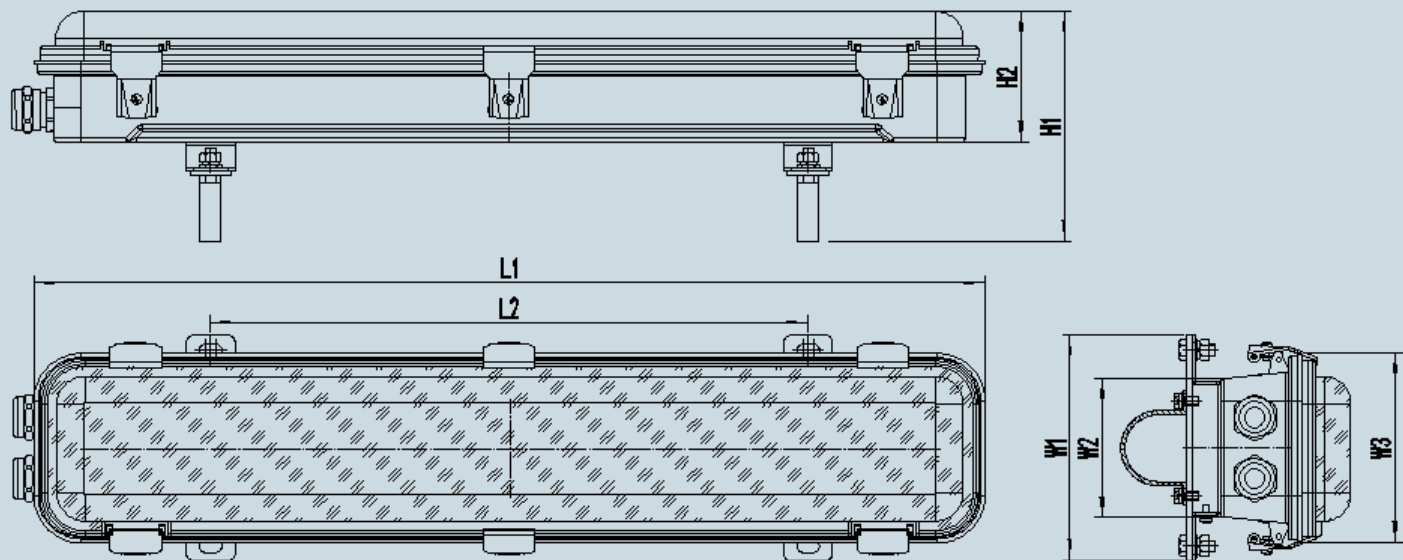
Model NO.	X-LINEAR-SS-C1-20W/30W/40W	X-LINEAR-SS-C1-60W
Type	LED Explosion Proof Linear Light	LED Explosion Proof Linear Light
luminous efficiency	140lm/W	140lm/W
Power (W)	20W / 30W / 40W	60W
Voltage - Frequency	100-277Vac (50-60Hz)	100-277Vac (50-60Hz)
Colour Temperature	Provides 2700K, 3000K, 4000K, 5000K & 6500K	Provides 2700K, 3000K, 4000K, 5000K & 6500K
CRI (Ra)	Ra80	Ra80
Power Supply	High Efficiency LED driver, more than 50000 hours lifespan	High Efficiency LED driver, more than 50000 hours lifespan
Beam Angle	120°	120°
Power Factor	>0.95	>0.95
Lifespan (hrs.)	50,000	50,000
THD	<10%	<10%
Operating temperature	-40 °C to +55 °C	-40 °C to +55 °C
Entry Size	3/4" -14 NPT	3/4" -14 NPT
Emergency	Optional (20W, 90 mins)	Optional (20W, 90 mins)

Dimension & Mounting - 2

X-LINEAR-SS-C1 Series



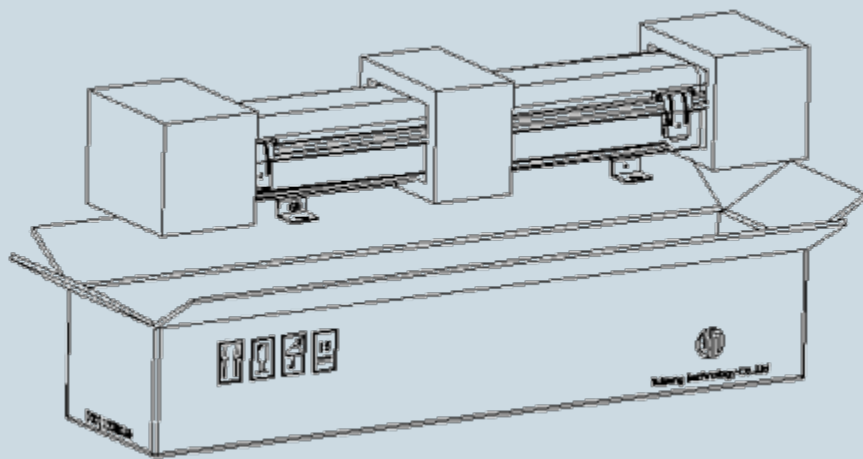
Pole mount (φ40、φ48、φ60 mm)



	L1	L2	W1	W2	W3	H1	H2
20W/30W/40W	685	430	162	100	136	157 (φ40)	94
60W	1305	970				165 (φ48) 177 (φ60)	

Package

X-LINEAR-SS-C1 Series



Power	Net Weight	Packing Size	Quantity/ Box	Gross Weight
20W/30W/40W	≈3.1Kg	840 X200X150mm	1	≈3.5Kg
60W	≈5.0Kg	1400X200X150mm	1	≈5.7Kg