

cressa[®]

Hazardous Location Lighting

Product Specification Sheet



20/40/50/80/100/120/150/160W

CS-EXLN01 Series



Shenzhen Cresea Technology Co.,Ltd.

Tel:+86-755-27063335 Fax:+86-755-27062722

Web:www.cressaled.com Email:info@cressaled.com

Add:Building 2, No. 31 Shangpin Road, Shijia Community, Matian Street, Guangming District, Shenzhen China

APPLICATIONS

Oil and gas industry

- All petroleum production and refining
- Petroleum loading and transportation
- Petroleum storage and retail
- LNG industry
- All mining operations and service

Ocean, marine and aerospace field

- Ocean platform operation facilities and structure
- Aerospace clean room and production
- Ocean vessel operations

Food and alcohol industry

- Flour and fine particle production and storage
- Food and distilling production
- Alcohol industry

Chemical industry

- All types of paint facilities
- Chemical production and storage

Metal treatment

- Steel and aluminum factories
- Pumping stations in any environment
- Metal smelting, foundry and fabrication

Other high humidity, high dust, high temperature, vapor locations



EXPLOSION PROOF LINEAR HIGH BAY LIGHT

FEATURES

- CRESSA patented mold designed in flameproof structure, reasonable structure, overall beautiful & generous.
- The product outside the spray process, effective anti-corrosion, anti-rust.
- The drive power supply adopts the sealing process to ensure that the components are not corroded by harmful gases.
- The product is made of aluminum alloy and the light transmission cover adopts explosion-proof tempered glass, which can withstand the impact of high energy.
- High vibration resistance.
- Rated for marine and wet locations.

PRODUCT DETAILS

LIGHTING PERFORMANCE

Efficacy	120 lm/W							
Power	20W	40W	50W	80W	100W	120W	150W	160W
Lumen Output	2400lm	4800lm	6000lm	9600lm	12000lm	14400lm	18000lm	19200lm
N.W.	5.7KG	5.9KG	10.4KG	10.4KG	14.9KG	14.9KG	20.3KG	20.3KG
CCT	2700-6500K							
CRI	70+							
Voltage	100-240V 50/60Hz							
Power Factor	>0.95							
Beam Angle	120°							
Dimming	Optional							
Emergency	Optional							
Lead Cable	φ8-12mm							

ENVIRONMENT & LIFESPAN

Operating Temperature	-30°C~+55°C
Rating	IP66, IK08
Operating Hours	50000h
Warranty	5 Years

QUALIFICATIONS, WARRANTY AND RATINGS

1. Class I, Division 2, Groups A, B, C, D
2. Class II, Division 1 & 2, Group E, F, G
3. Class I Division 1, Group C, D
4. Exd IIC T6 Gb
5. Ex tD A21 IP66 T80°C



MATERIALS

Housing	Aluminum Alloy
Hardware	Stainless Steel
Lens	Tempered Glass
Finish	Custom Pop Silver

DIMENSIONS



Wattage

20W-40W

Wattage

50W-80W

Wattage

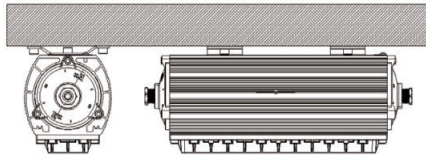
100W-120W

Wattage

150W-160W

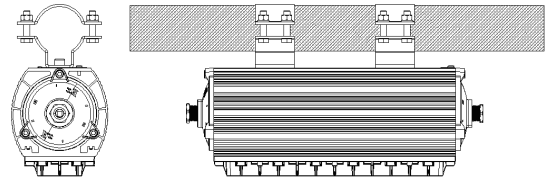
MOUNTING OPTIONS

Select the Mounting Kit based on the installation position or height



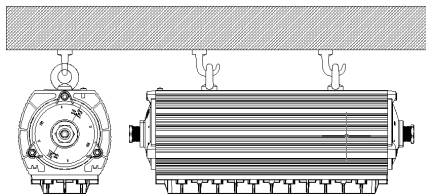
1.Ceiling Mounting Kit

Drill holes in the installation position, The spacing refers to the hole positions of the ceiling mounting kit. After drilling, install 12mm expansion bolts, insert the lamps into the expansion bolts, and fasten the luminaire with gaskets.



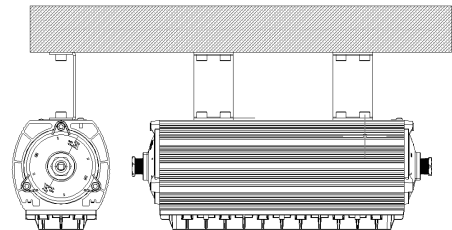
2.Hoop Mounting Kit

Install the luminaire on a fixture with a long tubular object.



3.Eyebolt Mounting Kit

Install a hook on the mounting surface and hang the luminaire into it.



4.C Type Mounting Kit

Drill holes in the installation position, The spacing refers to the hole positions of the C Type mounting kit. After drilling, install 12mm expansion bolts, insert the lamps into the expansion bolts, and fasten the luminaire with gaskets.

⚠ Warm Reminder: The strength of the installation position and the expansion bolt hole should ensure that it is enough to withstand the weight of the luminaire.

PACKAGING

Model	Power	Product Size	Package Size	N.W.
CS-EXLN01-020	20W	380×124×138mm	480×145×165mm	5.7KG
CS-EXLN01-040	40W	380×124×138mm	480×145×165mm	5.9KG
CS-EXLN01-050	50W	692×124×138mm	790×145×165mm	10.4KG
CS-EXLN01-080	80W	692×124×138mm	790×145×165mm	10.4KG
CS-EXLN01-100	100W	1004×124×138mm	1095×145×165mm	14.9KG
CS-EXLN01-120	120W	1004×124×138mm	1095×145×165mm	14.9KG
CS-EXLN01-150	150W	1316×124×138mm	1385×145×165mm	20.3KG
CS-EXLN01-160	160W	1316×124×138mm	1385×145×165mm	20.3KG