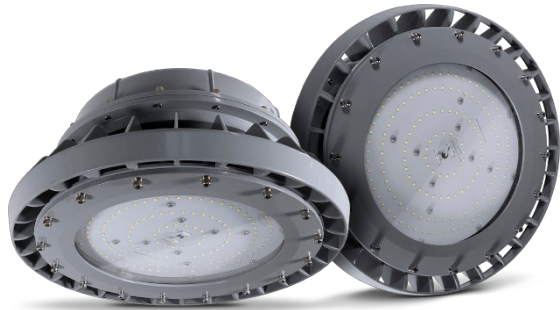


HAZARDOUS LOCATIONS

C SERIES



TECHNICAL DATA

Input voltage	100 - 277 V~ (Multivoltage)
Input frequency	50 / 60 Hz
Dimmable	0 - 10 V (optional)
Color temperature	5000K
IRC	>70
Operating temperature	-40 to 60 °C
Harmonic distortion	<10%
Power factor	0.90
Opening angle	60°, 90° o 120°
Mounting	Overlay: Wall Wall mounted with junction box Ceiling Ceiling with junction box
Ranking	IP66
Impact resistance	IK08
Surge protection	10 kV
Light maintenance @100,000 hours	0.86 *Projected L70 (12K) ≥ 72,000 hours according to IES TM-21
Body	Die-cast aluminum alloy A383
Optics	Borosilicate
Housing	Stainless steel
Color	Black



Jungo Connect is a complete and highly scalable central management system for lighting and IoT devices with multi-protocol support (Zigbee, BluetoothMesh, Wi-Fi, NB-IoT, 4G LTE) compatibility that meets all the devices and energy management needs of a smart industrial or commercial building.

JUNGO LIGHTING

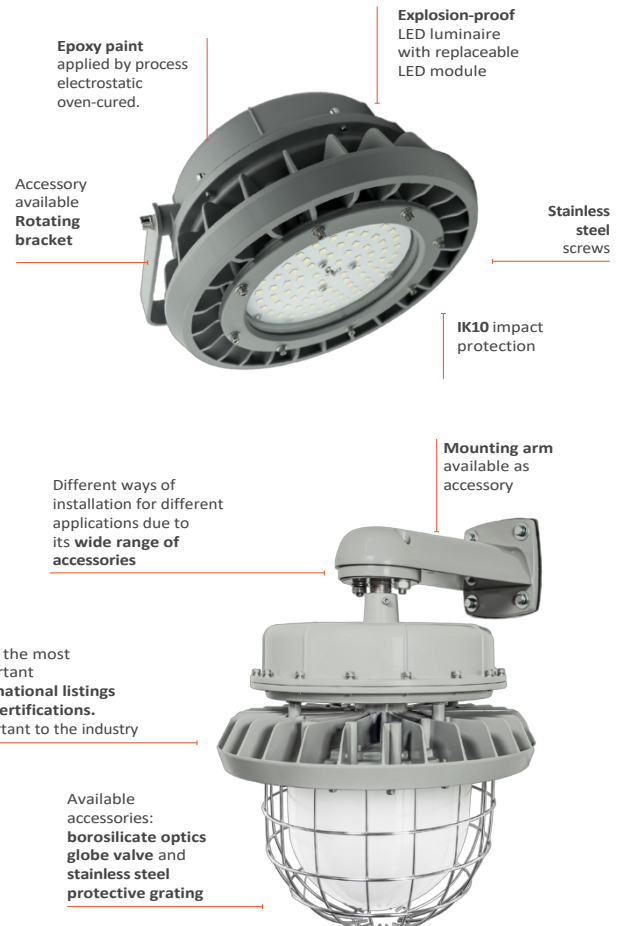
Certified for use in **hazardous locations**, the **C Series LED luminaires** demonstrate high efficiency and optimum quality. Their compact design with versatility of mounting makes it ideal for large areas of environments extreme and hazardous conditions with the presence of snow, water, wind, flammable vapors or gases and combustible dusts

CERTIFICATES



Model	Power rating	Power supply	Luminous efficiency	Luminous flux
EXC-40	40 W	100 - 277 V~	140 lm/W	5,600 lumens
EXC-60	60 W	100 - 277 V~	140 lm/W	8,400 lumens
EXC-80	80 W	100 - 277 V~	140 lm/W	11,200 lumens
EXC-100	100 W	100 - 277 V~	140 lm/W	14,000 lumens
EXC-150	150 W	100 - 277 V~	140 lm/W	21,000 lumens
EXC-200	200 W	100 - 277 V~	140 lm/W	28,000 lumens
EXC-250	250 W	100 - 277 V~	140 lm/W	35,000 lumens
EXC-280	280 W	100 - 277 V~	140 lm/W	39,200 lumens

KEY FEATURES

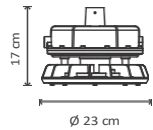




DIMENSIONS

EXC-40W / EXC-60W

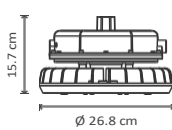
1.8 kg



Light distribution 40°, 60°, 90° or 120°.

EXC-80W / EXC-100W

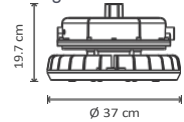
2.2 kg



Light distribution 40°, 60°, 90° or 120°.

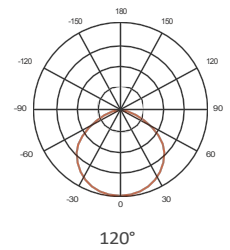
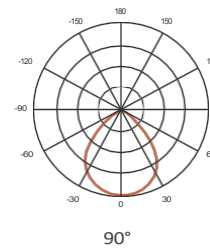
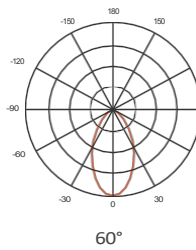
EXC-150W / EXC-200W
EXC-250W / EXC-280W
EXC-250W / EXC-280W

2.2 kg



Light distribution 40°, 60°, 90° or 120°.

PHOTOMETRIC DISTRIBUTION



ADDITIONAL ACCESSORIES



Rotating Bracket
Code: EX-BRACKET



Globe optics
Code: EX-GLOBE



Protective grille
Code: EX-WIREWARD



Junction box
Code: EX-JOI



Installation hook
Code: EX-HOOK



Angled threaded pipe
Code: EX-WPIPE



Threaded pipe
Code: EX-SPIPE



Mounting arm
Code: EX-MARM



25° pipe support
Code: EX-25SUPPORT



90° pipe support
Code: EX-90SUPPORT



Mounting arm for junction box
Code: EX-DARM

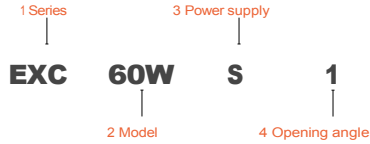


Chain for suspended mounting
Code: EX-PCH

ORDERING GUIDE

1 Series	2 Model	3 Power supply	4 Opening angle
EXC	20W 60W 80W 100W 150W 200W 250W 280W	S Standard D Dimmable	1 60° 2 90° 3 120°

Example code:



CERTIFICATIONS



ATEX - European Union

II2 G Ex db IIB T5/T6 Gb
Zone 1 & 2
II2 D Ex tb IIIC T80/90C Db IP66



IECEX - International

Ex db IIB T5/ T6 Gb
Ex tb IIIC T80/90C IP66
Zone 21 & 22



Intertek - North America

Class I, Div. 1, Groups C, D Class I, Div. 2,
Groups A, B, C, D Class II, Div. 1, Groups E,
F, G Class II, Div. 2, Group F, G
Class III



Intertek - North America

UL 1598A UL 1598A UL 844



ABS Type Approved

Other Classifications

IP66
IK10

APPLICATIONS

Oil and gas industry

- Oil production and refineries
- Oil loading and transportation
- Oil sales and storage
- Liquefied Natural Gas (LNG) Industry

Chemical industry

- Paint production and handling facilities
- Chemical production and storage

Oceanic, marine and aerospace areas

- Installations, platforms and offshore structures
- Aerospace production and cleaning rooms
- Operations on seagoing vessels

Food and alcohol industry

- Production and storage of flours and other particles
- Distillation and food production
- Production of alcoholic beverages

Metal treatment

- Metal and aluminum plants
- Pumping stations of any environment
- Metal fabrication and casting

Other areas with a high presence of moisture and dust, steam and elevated temperatures

