

**HAZARDOUS LOCATIONS**

**C SERIES**

The C Series LED luminaires are certified for use in hazardous locations and deliver high efficiency with superior light quality. Their compact form factor and flexible mounting options make them **ideal for large-scale applications in extreme environments** exposed to snow, water, wind, flammable vapors, gases, or combustible dust.

**CERTIFICATIONS**



Technical Data	
Input voltage	100 - 277V ~ (Multi-voltage)
Input frequency	50 / 60 Hz
Dimmable	0 - 10 V (Optional)
Color temperature	5000K
CRI	> 70
Operating temperature	-40 to 60° C
Harmonic distortion	<10 %
Power factor	0.90
Beam angle	60°, 90°, or 120°
Mounting	Surface mount: Wall, wall with junction box, ceiling, ceiling with junction box
Classification	IP66
Impact resistance	I080
Anti-surge rating	10 kV
Light maintenance @100,000 hrs	0.86 <small>*Projected L70 (I2K) ≥ 72,000 hrs per IES TM-21</small>
Body	Die-cast A383 aluminum alloy
Optics	Borosilicate
Color	Black

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



**ATEX - European Union**

I12 G Ex db IIB T5/T6 Gb  
Zona 1 & 2  
I12 D Ex tb IIIC T80/90C Db IP66



**ABS Type Approved**

**Other Classifications**

IP66  
IK10



**IECEx - International**

Ex db IIB T5/ T6 Gb  
Ex tb IIIC T80/90C IP66  
Zona 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



## Additional Accesories



**Rotable bracket**  
Code: EX-BRACKET



**Globe optic**  
Code: EX-GLOBE



**Protective guard**  
Code: EX-WIREWARD



**Threaded pipe**  
Code: EX-SPIPE



**Mounting arm**  
Code: EX-MARM



**25° pipe bracket**  
Code: EX-25SUPPORT



**Junction box**  
Code: EX-JOI



**Installation hook**  
Code: EX-HOOK



**Angled threaded pipe**  
Code: EX-WPIPE



**90° pipe bracket**  
Code: EX-90SUPPORT



**Mounting arm for junction box**  
Code: EX-DARM

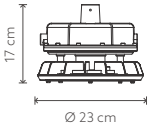


**Chain for suspended mounting**  
Code: EX-PCH

## Dimensions

### EXC-40W / EXC-60W

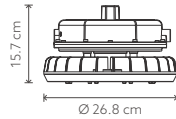
1.8 kg



Light distribution  
40°, 60°, 90° o 120°

### EXC-80W / EXC-100W

2.2 kg

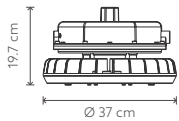


Light distribution  
40°, 60°, 90° o 120°

### EXC-150W / EXC-200W

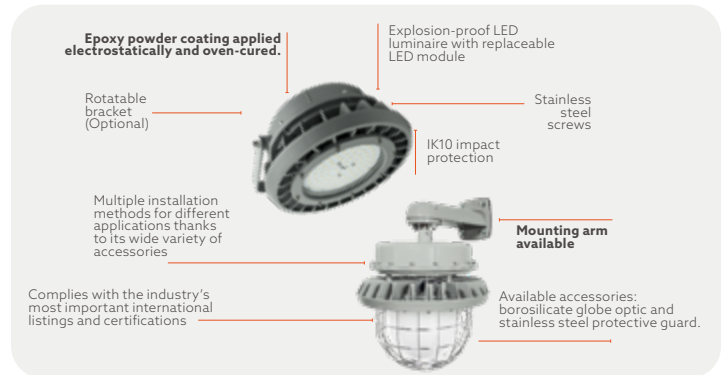
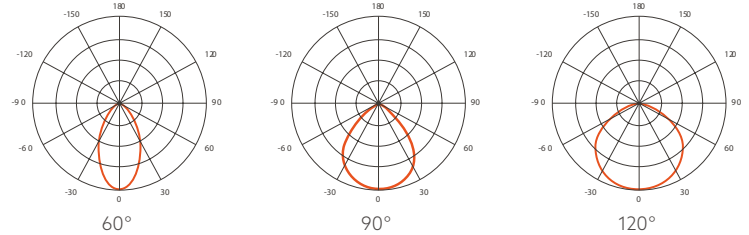
### EXC-250W / EXC-280W

2.2 kg



Light distribution  
40°, 60°, 90° o 120°

## Photometric distribution



## Ordering Guide

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

## Code Example:

1 Series | 3 Power supply  
**EXC** | **60W** | **S** | **1**  
 2 Model | 4 Beam angle