



HAZARDOUS LOCATIONS I SERIES

Luminaire designed for hazardous applications. Its innovative vertical airflow cooling design allows it to operate in harsh environments with extreme heat, with temperatures up to 60 °C, such as metal foundries, iron forges, steel mills, power generation facilities, factories, and chemical plants. Built with corrosion-resistant components and high-temperature-resistant materials, it ensures dependable performance and extended service life. This luminaire is the ideal choice for safety-critical operations where reliability and durability are non-negotiable.

CERTIFICATIONS



Technical Data	
Input voltage	100 - 277V ~
Input frequency	50 / 60 Hz
Dimmable	0 - 10 V (Optional)
Color temperature	4000K - 5000K
CRI	> 70
Operating temperature	-40 to 60° C
Harmonic distortion	<10 %
Power factor	0.90
Beam angle	120°
Mounting	U-shaped mountable bracket
Classification	IP66
Impact resistance	IK08
Anti-surge rating	10 kV
Light maintenance @100,000 hrs	0.86 *Projected L70 (I2K) = 72,000 hrs per IES TM-21
Body	Die-cast A383 aluminum alloy
Optics	Polycarbonate
Color	Black

Model	Nominal Power	Luminous Efficiency	Luminous Flux
20 W	20W	140 lm/W	2,800 lumens
40 W	40 W	140 lm/W	5,600 lumens
60 W	60 W	140 lm/W	8,400 lumens
80 W	80 W	140 lm/W	11,200 lumens
100 W	100 W	140 lm/W	14,000 lumens
120 W	120 W	140 lm/W	16,800 lumens



ATEX - European Union
II2 G Ex db IIB T4 Gb
II2 D Ex tb IIIC T63.5°C Db IP66



IECEx - International
Ex db IIB T4 Gb
Ex tb IIIC T63.5°C Db



Intertek - North America
UL 844
Class I, Division 1, Groups C, D
Class I, Division 2, Groups A, B, C, D
Class II, Division 1, Groups E, F, G
Class II, Division 2, Groups F, G
Class III



Intertek - North America
UL1598, UL1598A



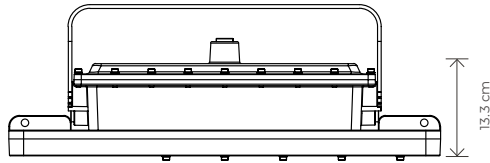
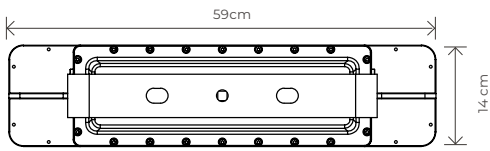
ABS Type Approved

Other Classifications
IP66
IK10

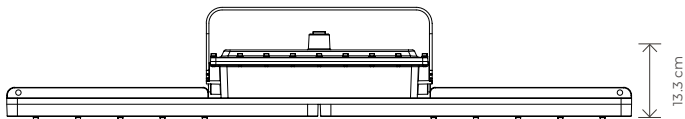
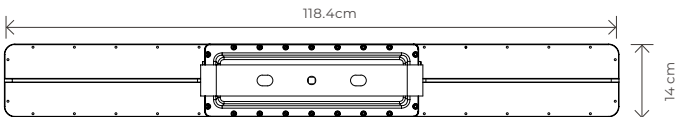


Dimensions

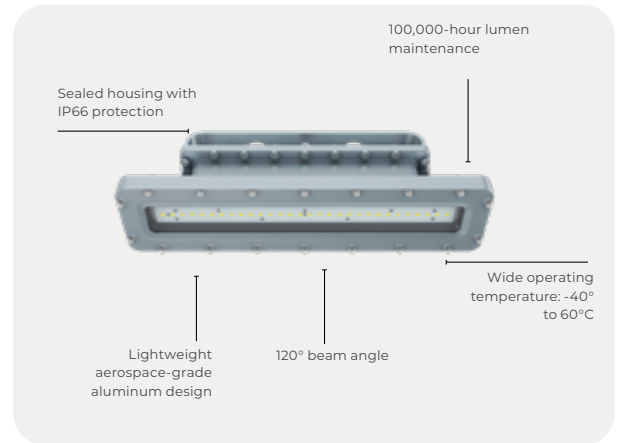
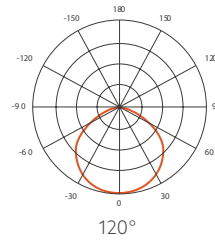
20W / 40W / 60W



80W / 100W / 120W



Photometric distribution



Ordering Guide

1 Series	2 Model	3 Emergency battery	4 Color temperature
EX-I	20W 2,800lm	N None	40 4000K
	40W 5,600 lm	E Batería de emergencia	50 5000K
	60W 8,400 lm		
	80W 11,200 lm		
	100W 14,000 lm		
	120W 16,800 lm		

Code example:

1 Series | 3 Emergency battery
EX-I | **80W** | **E** | **40**
 2 Model | 4 Color temperature