

HAZARDOUS LOCATIONS



I SERIES



TECHNICAL DATA

<b>Input voltage</b>	100 - 277 V~
<b>Input frequency</b>	50 / 60 Hz
<b>Dimmable</b>	0 - 10 V (optional)
<b>Color temperature</b>	4000K-5000K
<b>IRC</b>	>70
<b>Operating temperature</b>	-40 °C to 60 °C
<b>Harmonic distortion</b>	<10%
<b>Power factor</b>	0.90
<b>Opening angle</b>	120°
<b>Mounting</b>	U-type mountable basket
<b>Ranking</b>	IP66
<b>Impact resistance</b>	IK08
<b>Surge protection</b>	10 kV
<b>Light maintenance @100,000 hours</b>	0.86 *Projected L70 (12K) ≥ 72,000 hours according to IES TM-21
<b>Body</b>	Die-cast aluminum alloy A383
<b>Optics</b>	Polycarbonate
<b>Color</b>	Gray



KEY FEATURES

Hermetic body with IP66 protection

100,000 hours of light maintenance

Lightweight aluminum design aeronautical

120° opening angle

Wide operating temperature: -40° to 60 °C

JUNGO LIGHTING

A luminaire designed for hazardous applications, its innovative vertical flow cooling design allows it to operate in hostile extreme heat environments with temperatures **up to 60 °C (140 °F)**, such as in metal smelters, iron forges, steel mills, power generation, factories and chemical plants.

CERTIFICATES



Intertek

Model	Power rating	Luminous efficiency	Luminous flux
20 W	20 W	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

II 2 G Ex db IIB T4 Gb  
II 2 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

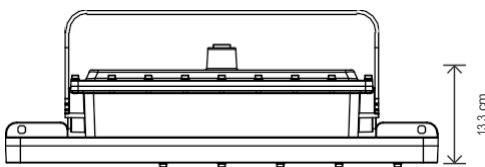
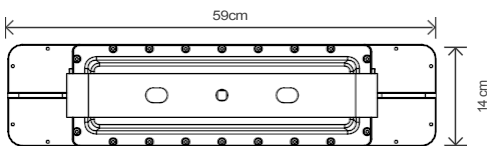
Other Classifications

IP66



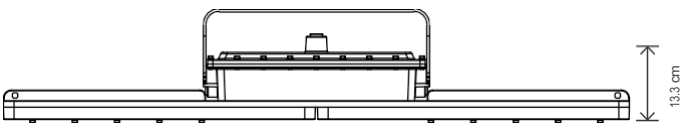
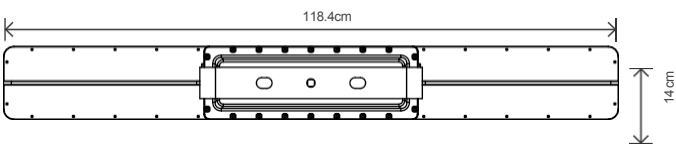
**DIMENSIONS**

20 W / 40 W / 60 W

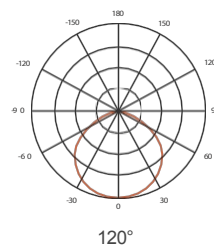


**DIMENSIONS**

80 W / 100 W / 120 W



**PHOTOMETRIC DISTRIBUTION**



**ORDERING GUIDE**

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

**Code example:**

