

HAZARDOUS LOCATIONS



D SERIES



TECHNICAL DATA

Input voltage	100 - 277 V~ / 200 - 480 V~
Input frequency	50 / 60 Hz
Dimmable	0 - 10 V (optional)
Color temperature	4000K-5000K
IRC	>80
Operating temperature	-40 to 55°C
Harmonic distortion	<10%
Power factor	0.90
Opening angle	120°
Mounting	Overlay: Wall Ceiling Post
Ranking	IP66
Impact resistance	IK10
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	Aluminum
Color	Black



KEY FEATURES



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 55 °C (55 °F)**, such as in metal smelting, iron forging, steel mills, power generation, factories and chemical plants.

CERTIFICATES



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
150 W	150 W	140 lm/W	21,000 lumens
200 W	200 W	140 lm/W	28,000 lumens



ATEX - European Union

I/2 G Ex db op is IIB T4/T5 Gb
I/2 D Ex op op is tb IIIC T135°C Db IP66



IECEX - International

Ex db op is IIB T4/T5 Gb
Ex op is tb IIIC T135°C Db
IP66



Intertek - North America

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



ABS Type Approved

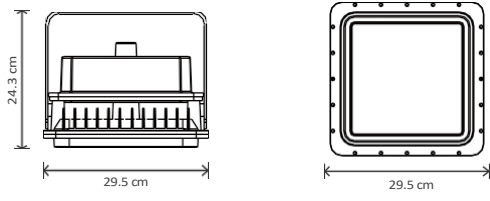
Other Classifications

IP66

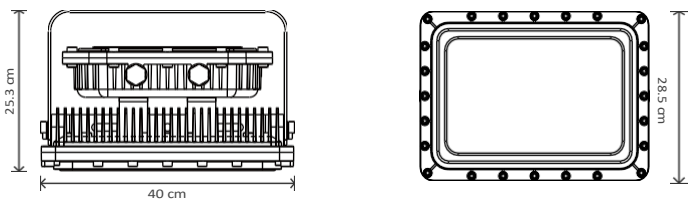


DIMENSIONS

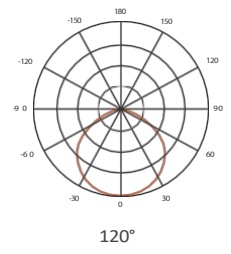
20 W / 40 W / 60 W / 80 W



100 W / 150 W / 200 W



PHOTOMETRIC DISTRIBUTION



ORDERING GUIDE

1 Series	2 Model	3 Power supply	4 Color temperature
EXD	20W 2,800 lumens 40W 5,600 lumens 60W 8,400 lumens 80W 11,200 lumens 100W 14,000 lumens 150W 21,000 lumens 200W 28,000 lumens	S Standard D Dimmable	40 4000K 50 5000K
5 Voltage	6 Emergency battery		
1 100 - 277 V~ 2 200 - 480 V~	N None E Emergency battery		

*High voltage not compatible with 20 W, 40 W and 60 W

Code example:

