

HAZARDOUS LOCATIONS

A SERIES

Luminaire designed for hazardous applications. Its innovative vertical airflow cooling design allows it to operate in harsh, high-heat environments with temperatures up to 50°C, such as metal foundries, iron forges, steel mills, power generation facilities, factories, and chemical plants..

CERTIFICATIONS



Technical Data	
Input voltage	100 - 277V ~ / 200 - 480V ~
Input frequency	50 / 60 Hz
Dimmable	0 - 10 V (Optional)
Color temperature	4000K or 5000K
CRI	> 70
Operating temperature	-40 to 50° C
Harmonic distortion	<10 %
Power factor	0.90
Beam angle	120 °
Mounting	Surface Mounted: Wall, Ceiling, Pole
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	Borosilicate
Color	Gray

Model	Nominal Power	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
250 W	250 W	140 lm/W	35,000 lumens
300 W	300 W	140 lm/W	42,000 lumens
400 W	400 W	140 lm/W	56,000 lumens

Ex **ATEX - European Union**
 II 3 G Ex ec IIC T3 Gc
 II 2 D Ex tb IIIC T103°C Db
 II 2 G Ex mb eb IIC T3 Gb
 II 2 D Ex tb IIC T125°C Db

ABS **ABS Type Approved**
Other Classifications
 IP66
 IK10

IECEX **IECEX - International**
 Ex ec IIC T3C Gc
 Ex tb IIIC T** C Db
 Ex mb eb II C T3C Gb
 Ex tb IIC T125°C Db

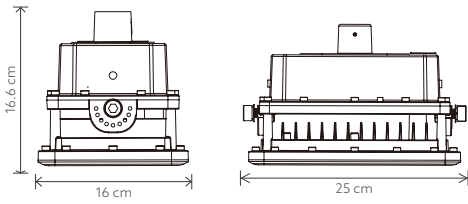
ETL **Intertek - North America**
UL 844
 Class I, Division 2, Groups A, B, C, D
 Class II, Division 1, Groups E, F, G
 Class II, Division 2, Groups F, G
 Class III

ETL **Intertek - North America**
 UL 1598
 UL 1598A

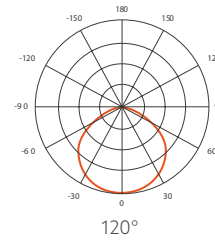


Dimensions

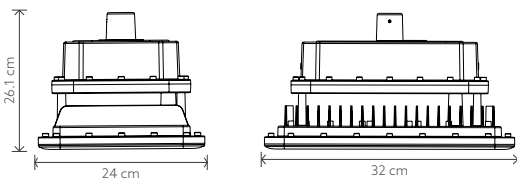
20W / 40W / 60W



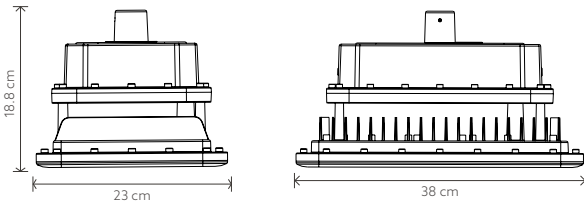
Photometric distribution



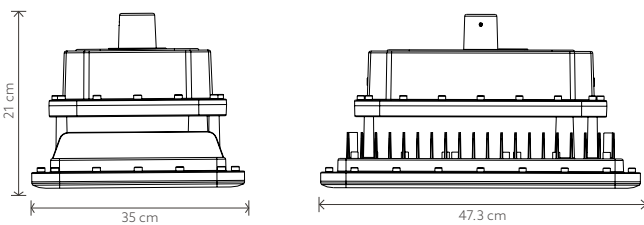
80W / 100W



150W / 200W



250W / 300W / 400W



Ordering Guide

1 Series	2 Model	3 Power Supply	4 Color Temperature
EXA	20W 2,800 lm 40W 5,600 lm 60W 8,400 lm 80W 11,200 lm 100W 14,000 lm 150W 21,000 lm 200W 28,000 lm 250W 35,000 lm 300W 42,000 lm 400W 56,000 lm	S Standard D Dimmable	40 4000K 50 5000K
			5 Voltage * S 100 - 277 V~ H 200 - 480 V~ <small>* High voltage not compatible with 20 W and 40 W</small>

Code example:

1 Series	3 Power Supply	5 Voltage
EXA	150W	D
	2 Model	4 Color temperature
		50
		S