



HAZARDOUS LOCATIONS

R SERIES

Luminaire designed for hazardous applications. Its innovative vertical airflow cooling design allows it to operate in **harsh environments with extreme heat**, withstanding temperatures of up to 60 °C. Ideal for metal foundries, iron forges, steel mills, power generation facilities, factories, and chemical plants. Engineered with industrial-grade materials, it delivers reliable performance and longevity in the most demanding conditions. The fixture's rugged housing and thermal efficiency ensure minimal maintenance and continuous operation in high-temperature, high-risk zones.

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	Surface-mounted: ceiling
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	Gray

Model	Nominal Power	Luminous Efficiency	Luminous Flux
2FT-20	20 W	140 lm/W	2,800 lumens
2FT-30	30 W	140 lm/W	4,200 lumens
2FT-40	40 W	140 lm/W	5,600 lumens
4FT-40	40 W	140 lm/W	5,600 lumens
4FT-50	50 W	140 lm/W	7,000 lumens
4FT-60	60 W	140 lm/W	8,400 lumens



ATEX - European Union

II 2 G Ex db eb mb IIC T5/T6 Gb
II 2 D Ex tb IIIC T95°C/T85°C Db IP66



IECEx - International

Ex db eb mb IIC T5/T6 Gb
Ex tb IIIC T95°C/T85°C Db



Intertek - North America

UL 844
Clase I, División 2, Grupos A, B, C y D
Clase II, División 1, Grupos E, F y G
Clase II, División 2, Grupos F y G
Clase III



Intertek - North America

UL 1598
UL 1598A



ABS Type Approved

Other Classifications

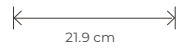
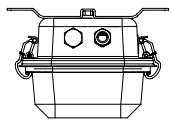
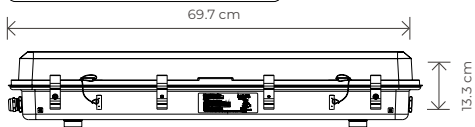
IP66
IK10



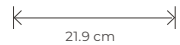
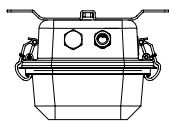
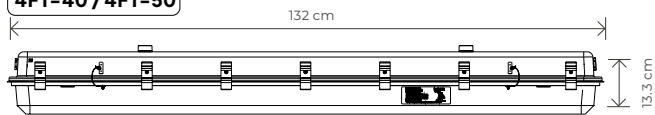


Dimensions

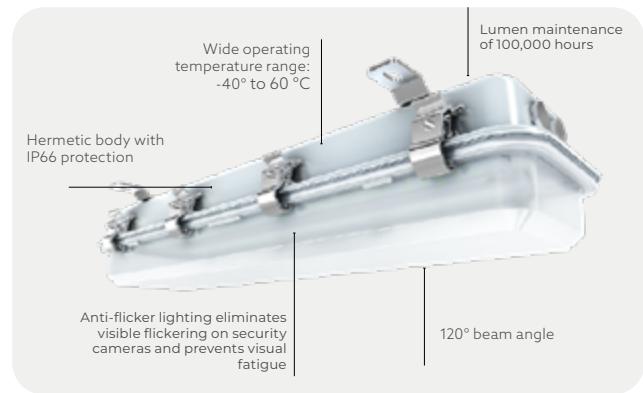
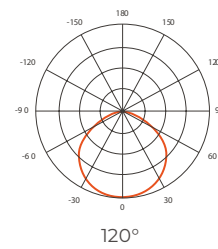
2FT-20 / 2FT-30 / 2FT-40



4FT-40 / 4FT-50



Photometric distribution



Ordering Guide

1 Series	2 Model	3 Power supply	4 Color temperature
EXR	2FT-20 2,800lm	S Standard	40 4000K
	2FT-30 4,200lm	D Dimmable	50 5000K
	2FT-40 5,600lm		
	4FT-40 5,600lm		
	4FT-50 7,000lm		
	4FT-60 8,400lm	5 Voltage	
		S 100 - 277 V~	
		H 200 - 480 V~	

Code Example:

1 Series	3 Power supply	5 Voltage
EXR	D	H
	2FT-40	40
	2 Model	4 Color temperature