BLOCK X1 SERIES

HAZARDOUS LOCATION LED LUMINAIRE

Block X1 Series LED Luminaire is designed for installations where moisture, dirt, dust, corrosion and vibration may be present, or areas where wind, water, snow or high ambient can be expected.

They can be used in locations made hazardous by the presence of flammable vapors or gases or combustible dusts as defined by ATEX.

Block X1 Series is ideal for retrofitting existing HPS/MH and offers higher efficacy for increased energy savings, lower maintenance costs and shorter paybacks.

SPECIFICATION

POWER	:	20/40/60/80/100/120/150W
VOLTAGE / FREQUENCY	:	100-240V AC 50/60Hz
POWER FACTOR	:	≥95%
L70	:	140,000 Hours@50°C
SURGE PROTECTION	:	20/40/60W: 2KV
		80/100/120/150W: 4KV
LUMEN OUTPUT	:	2400/4400/6000/9600/12000/16000/19500 Lm
LUMEN EFFICIENCY	:	20/40/60W: 120Lm/W @5000K
	:	80/100/120/150W: 130Lm/W @5000K
BEAM ANGLE	:	25° /60° /120°
CCT	:	3000K/4000K/5000K/5700K
COLOUR RENDERING INDEX (CRI)	:	Ra>70
AMBIENT TEMPERATURE	:	-30°C ~ +50°C
FINISH	:	Polyster powder coating for uniform corrosion resistance
HARDWARE	:	Stainless steel 316
LENS MATERIAL	:	Tempered glass
MOUNTING OPTIONS	:	Ceiling, Pole, Wall
WEIGHT	:	20/40/60W: 4.6Kg/10.1 Lb
	:	80/100/120/150W: 15.1Kg/33.29 Lb
DIMENSIONS	:	20/40/60W: 9.6x8.0x5.6in (243×203×141 mm)
	:	80/100/120/150W: 13.2x11.0x6.6in (336×279×168 mm)
WARRANTY	:	5-Year

RATINGS & CERTIFICATIONS

> ATEX Standard
> Ex II 2G Ex db IIB T5 Gb
> Ex II 2D Ex tb IIIC (T95C° Max) Db IP 66
> EN IEC 60079-0, EN 60079-1, EN 60079-31

> Zone 1,21
> Zone 2,22

APPLICATION

Power Plants
Heavy Industrials Storage Facility
Paper mills
Wastewater Treatment Plants
Loading Docks Platforms
Shipyards
Chemical Processing Facility
Petrochemical Processing Facility

FEATURES

> Instant illumination and restrike-no warm-up time required
> Wide power range from 20W to 150W
> High luminous efficacy-Up to 130 Lm/W
> Universal Voltage: AC100-240V (50/60Hz)
> Optional lighting distribution 25°, 60°, 110°
> Anti-corrosion aluminum housing tested 1000hrs to standard ASTM"B117-11"
> All exposed fasteners with quality stainless steel 316

RED SKY LIGHTING LLC
9370 Pittsburgh Ave
Rancho Cucamonga, CA 91730, USA

1 (262) 456-5002
contact@redskylighting.com
www.redskylighting.com

RED SKY
SERIOUSLY SAFE LIGHTS™

EXAMPLE: BLK-80-100-240-5K-120-X1-CG-GRY-YKE

BLK	80	100-240	5K	120	X1	CG	GRY	YKE
FIXTURE	**WATTAGE** 20 - 20W 40 - 40W 60 - 60W 80 - 80W 100 - 100W 120 - 120W 150 - 150W	**VOLTAGE** 100-240	**CCT** 57K - 5700K 5K - 5000K 4K - 4000K 3K - 3000K	**BEAM** 120 - 120° 60 - 60° 25 - 25°	**RATING** X1 - Zone1, 21	**LENS** CG - Clear Glass	**COLOR** GRY - Grey	**MOUNTING** YKE - Yoke **

ACCESSORIES (ORDERED SEPARATELY)

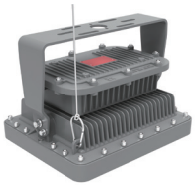
Item	Description	MPN Code
YOKE-BLK	: YOKE Mount, Stainless Steel	309050055
360Y-BLK	: 360° Rotation YOKE Mount, Stainless Stee	101040235
AVBY-BLK	: Anti-vibration YOKE Mount, Stainless Steel	309050298
STAN-BLK	: Slip-Fit Stanchion Mount Kit, Stainless Steel ***	309050300
SFCB	: Safety Cable Kit, Stainless Steel	106060018
SP1	: 10KV Surge Protector 120~277V	309050060

** YOKE-BLK Pre-installed as standard, Contact sales for other Yoke options.
*** REQUIRES A YOKE MOUNT

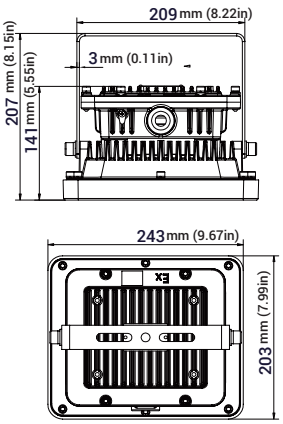
YOKE

STANCHION

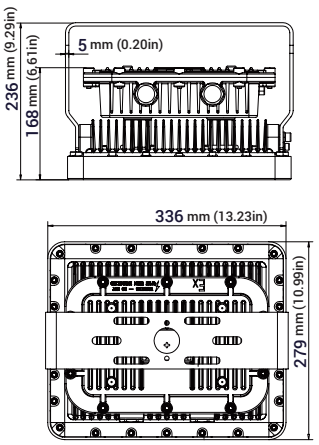
WALL


SAFETY CABLE

DIMENSIONS

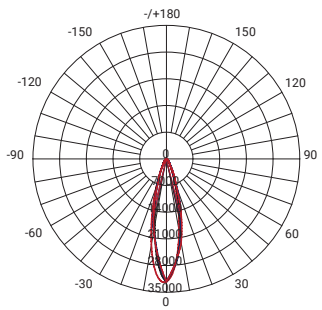


20/40/60 W

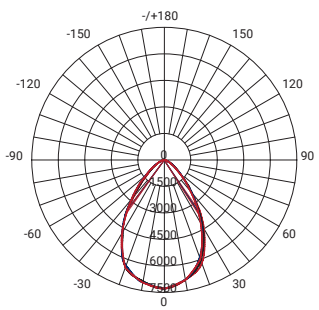


80/100/120/150 W

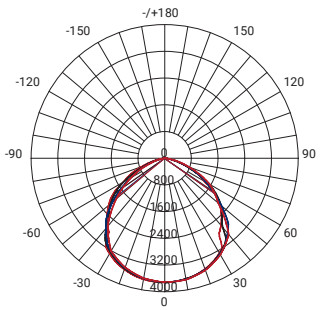
PHOTOMETRICS



25°



60°



120°

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