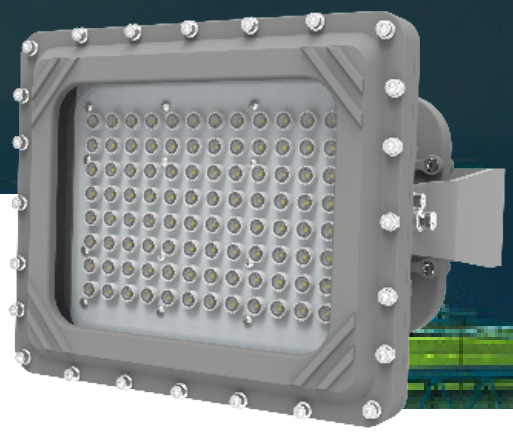
BLOCK SERIES C1



Block Series C1 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 the IECEX.

BLK-C1 Series is ideal for retrofit of existing HPS/MH and offers higher efficacy for increased energy savings, lower maintenance costs and shorter paybacks.

SCAN FOR LATEST PRODUCT INFO

SPECIFICATION

POWER	:	80/100/150W
VOLTAGE / FREQUENCY	:	100-240V AC 50/60Hz
POWER FACTOR	:	≥95%
SURGE PROTECTION	:	4KV
LUMEN OUTPUT	:	10400/13000/19500Lm
LUMEN EFFICIENCY	:	130Lm/W @5000K
BEAM ANGLE	:	25°/60°/120°
CCT	:	3000K/4000K/5000K
COLOUR RENDERING INDEX (CRI)	:	RA>70
AMBIENT TEMPERATURE	:	-25°C ~ +50°C
HOUSING MATERIAL	:	Copper-free Aluminum
FINISH	:	Polyster powder coating for uniform corrosion resistance
HARDWARE	:	Stainless steel 316
LENS MATERIAL	:	Tempered glass
MOUNTING OPTIONS	:	Pole, Ceiling, Wall
CABLE ENTRIES	:	2 x NPT3/4 (two rear)
WEIGHT	:	80W: 15.2Kg/33.5Lb
	:	100W: 15.3Kg/33.7Lb
	:	150W: 15.5Kg/34.2Lb
DIMENSION	:	80/100/150W: 12.9x10.7x6.9 in (328×271×176 mm)
WARRANTY	:	5-Year

RATINGS & CERTIFICATIONS

IEC

> Ex d IIB T6 Gb

> Ex tb IIIC T85°C Db

> Zone 1&2 (Explosive gas)

> Zone 21&22 (Combustible dust)

APPLICATION

Power Plants

Heavy Industrials Storage Facility

Paper Mills

Wastewater Treatment Plants

Loading Docks Platforms

Shipyards

Chemical Processing Facility

Petrochemical Processing Facility

FEATURES

> Best-in-class system efficacy-Up to 130Lm/W

> Universal Voltage: AC100-240V (50/60Hz)

> Shock-and vibration-resistant-Durable LEDs with solder-less board connection

> Instant illumination and restrike-no warm-up time required

> Safe and reliable heat transfer

> Copper-free aluminum body and frame-corrosion resistant

> All exposed fasteners with quality stainless steel

> High Temperature silicone gasketing

> Thermal shock and impact resistant glass lens

> Harsh & Hazardous Duty

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SERIOUSLY SAFE LIGHTS™

Rev.01 10/18/23

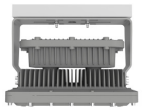
EXAMPLE: **BLK-80-100-240-5K-120-C1-CG-GRY-YKE**

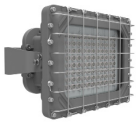
BLK	80	100-240	5K	120	C1	CG	GRY	YKE
FIXTURE	**WATTAGE** 80 - 80W 100 - 100W 150 - 150W	**VOLTAGE** 100-240	**CCT** 5K - 5000K 4K - 4000K 3K - 3000K	**BEAM** 120 - 120° 60 - 60° 25 - 25°	**RATING** C1 - Zone1, 21	**LENS** CG - Clear Glass	**COLOR** GRY - Grey	**MOUNTING** YKE - Yoke **

ACCESSORIES (ORDERED SEPARATELY)

Item	Description	MPN Code
BLK-YOKE	: Yoke Mount, BLK SERIES, SS304, Power Coated Grey RAL7037	309050055
BLK-360Y	: 360° rotation Yoke Mount, BLK SERIES, SS304, Power Coated Grey RAL7037	201010115
BLK-AVBY	: Anti-vibration Yoke Mount, BLK SERIES, SS304, Power Coated Grey RAL7037	309050298
STAN01 ***	: Slip-Fit Stanchion Mount Kit, BLK SERIES, SS304, Power Coated Grey RAL7037	309050300
SFCB01	: Safety Cable Kit, BLK & RDX SERIES, SS304	106060018
BLK-WG	: Lens Wire Guard, BLK SERIES, SS304	106060013
SP1	: 10KV Surge Protector 120~277V	309050060
BLK-VISO	: VISOR, BLK SERIES, SS304, Power Coated Grey RAL7037	101040169

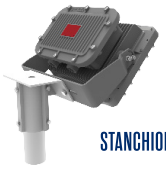
** BLK-YOKE Pre-installed as standard, Contact sales for other Yoke options.
*** REQUIRES A YOKE MOUN


YOKE

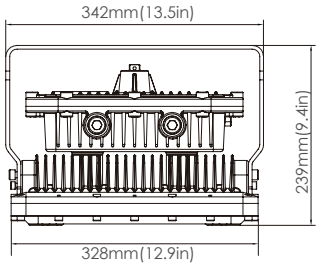

WIRE GUARD

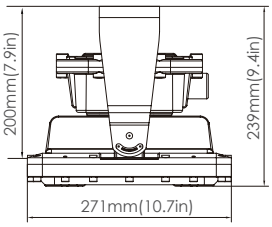
WALL

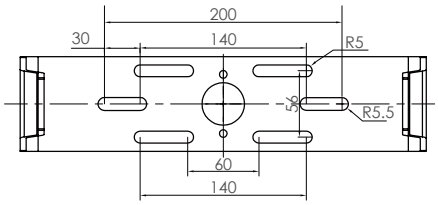
SAFETY CABLE


STANCHION

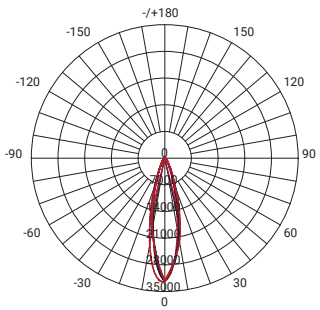
DIMENSIONS







PHOTOMETRICS



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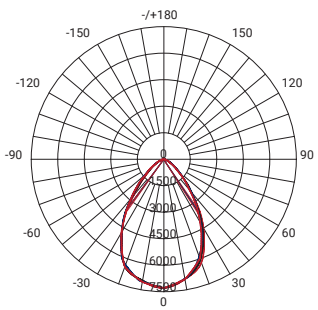
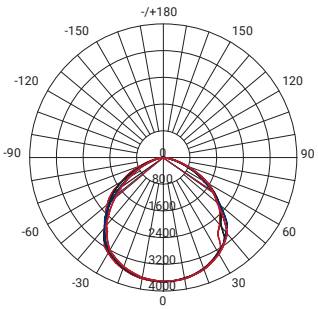


60°



120°

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