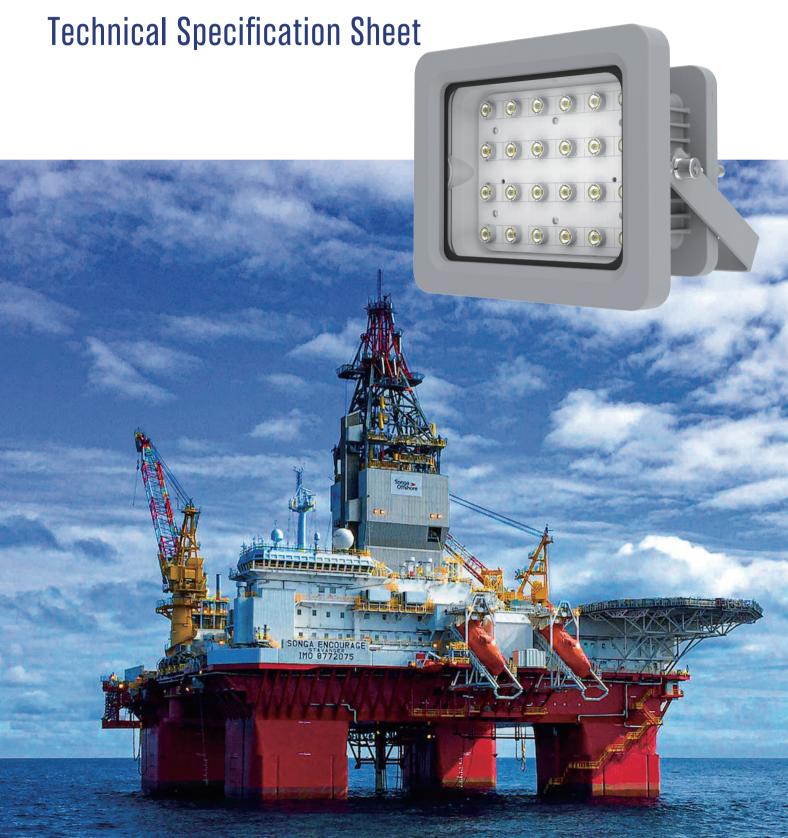


BLOCK SERIES X1



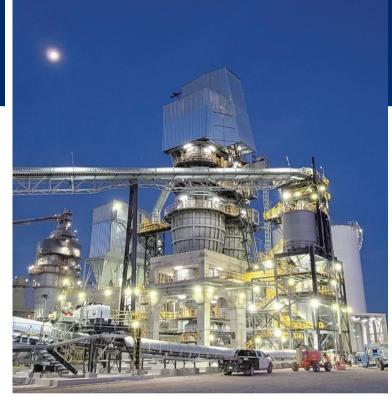
PIONEERING INDUSTRIAL ILLUMINATION FOR HARSH & HAZARDOUS CONDITIONS

A leading manufacturer of premium LED lights for demanding work conditions

Headquartered in California, products assembled in the USA

Servicing global clients across 4 continents in metal processing, oil & gas, marine, manufacturing

Renowned for quality, dependability, client care and uncompromising safety standards



WHY CHOOSE RED SKY

N SERIOUSLY SAFE LIGHTS

- · Rigorously tested in our professional labs
- · Surpassing industry certifications and safety protocols
- Crafted with highest grade components for maximum durability

♠ FAST DELIVERY

- · Majority of orders delivered within 14 days
- Same day shipping for products in stock
- · Real-time order tracking for full transparency

NOTITIES ■ TOP-NOTCH SERVICES

- · Team of experts for seamless support
- · Energy audit services, lighting simulation services
- · Hassle-free return policy and management

NOTIONS SUSTAINABLE SOLUTIONS

- · High luminous efficacy LEDs for energy savings
- · Conscious product design
- · Recyclable materials for products and packaging



FEATURES



Self-contained LED and Driver

Self-contained LED and Driver compartment with external air-flow fins provide exceptional heat dissipation to ensure long lifespan



► Easy and Through Wiring
A quick-access WAGO 5-pole

A quick-access WAGO 5-pole lever connector that allows for easy wire-in / wire-out connection. (0.5-4mm²)



NATINGS

Zone 1,21 Zone 2,22 IP66 IK08

CERTIFICATIONS

ATEX
II 2G Ex d IIB T5 Gb
II 2D Ex tb IIIC 95°C Max Db IP 66

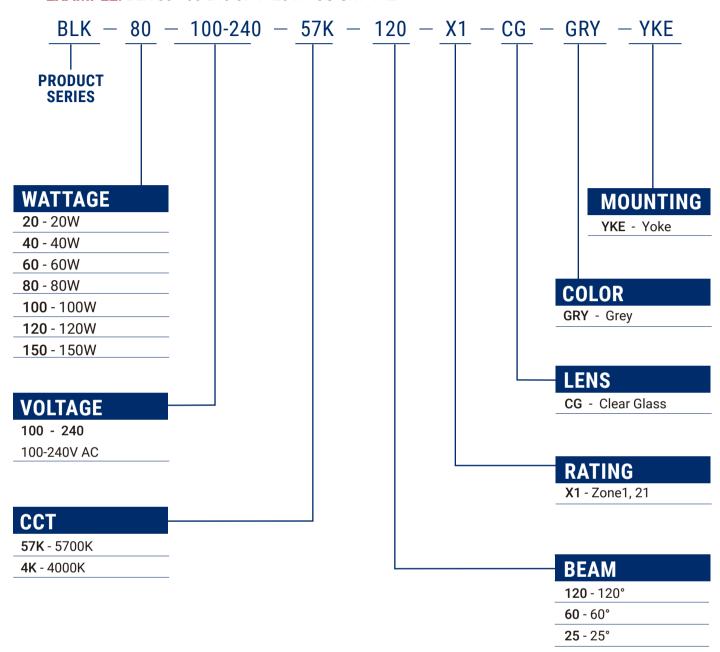
TECHNICAL PARAMETERS

Specification	BLK-X1-20	BLK-X1-40	BLK-X1-60	BLK-X1-80	BLK-X1-100	BLK-X1-120	BLK-X1-150
Electrical Parameters							
Power	20W	40W	60W	80W	100W	120W	150W
Voltage/Frequency		100-240V AC, 50/60Hz					
Power Factor				>90%			
THD				<20%			
L70			140	,000 Hours@	50°C		
Surge Protection		2KV			4	KV	
Warranty			LEDs: 10	years, Drive	er: 5 years		
		Optical	Parameter	S			
Lumen Output*	2,399Lm	4,260Lm	5,944Lm	8,815Lm	10,733Lm	15,807Lm	18,863Lm
Lumen Efficacy*		120Lm/W			130	Lm/W	
Available Beam Angle			2	25° / 60° / 120)°		
Correlated Color Temperature (CCT)	4000K/5700K						
Color Rendering Index (CRI)				Ra>70			
		Mechanic	al Parame	ters			
Finish			Theri	moset Powde	ercoat		
Hardware			Sta	ainless steel 3	316		
Lens Material		Clear Glass					
Mounting Options	Yoke, Stanchion						
Product Weight	10.1lbs/4.6kg 33.3lbs/15.1kg						
Cable Entry	(1) 3/4" NPT (2) 3/4" NPT						
Product Dimensions(L×W×H)	9.6×8×5.6in (243×203×141 mm) 13.2×11×6.6in (336×279×168 mm)						
Environmental Parameters							
Ambient Operating Temperature	-30°C ~ +50°C						
T-Code Ratin	Gas − T5, Dust − 95°C						

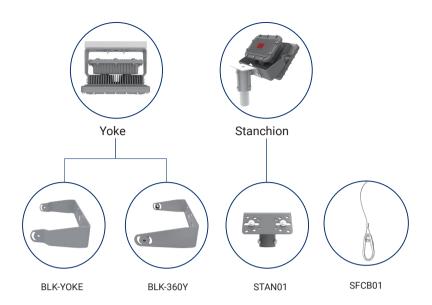
^{*} Value calculated based on 5700K and clear glass ,varies to differrent spec.

NORDERING INFORMATION

EXAMPLE: BLK-80-100-240-57K-120-X1-CG-GRY-YKE



MOUNTING ACCESSORIES



Mounting Method	PN	Description	MPN Code
	BLK-YOKE	Yoke Mount BLK SERIES, SS304. Power Coated Grey RAL7037	309050055
Yoke	BLK-360Y	360" rotation Yoke Mount. BLK SERIES. SS304. Power Coated Grey RAL7037	201010115
Stanchion	STAN01*	Slip-Fit Stanchion Mount Kit. BLK SERIES. SS304. Power Coated Grey RAL7037	309050300
	SFCB01	Safety Cable Kit, BLK & RDX SERIES, SS304	106060018

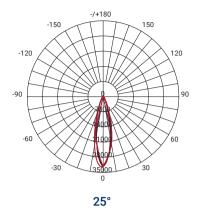
^{*} Requires A Yoke Mount

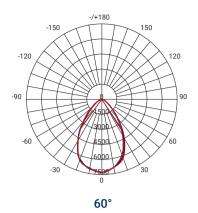
ALUMEN TABLE

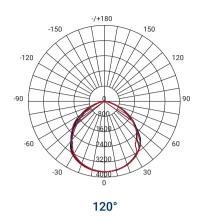
Part Number	Wattage (W)	ССТ	Beam	Lens	Lumen Output (Lm)	Efficiency (Lm/W)
	Vol	tage 100-	240VAC			
BLK-20-100-240-57K-120-X1-CG-GRY-YKE	20	5700K	120°	Clear Glass	2,399	116
BLK-40-100-240-57K-120-X1-CG-GRY-YKE	40	5700K	120°	Clear Glass	4,260	106
BLK-60-100-240-57K-120-X1-CG-GRY-YKE	60	5700K	120°	Clear Glass	5,944	101
BLK-80-100-240-57K-120-X1-CG-GRY-YKE	80	5700K	120°	Clear Glass	8,815	110
BLK-100-100-240-57K-120-X1-CG-GRY-YKE	100	5700K	120°	Clear Glass	10,733	107
BLK-120-100-240-57K-120-X1-CG-GRY-YKE	120	5700K	120°	Clear Glass	15,807	128
BLK-150-100-240-57K-120-X1-CG-GRY-YKE	150	5700K	120°	Clear Glass	18,863	123

For additional information, please contact your sales representative.

NPHOTOMETRIC

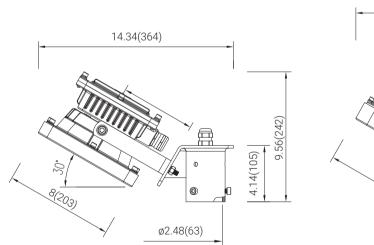


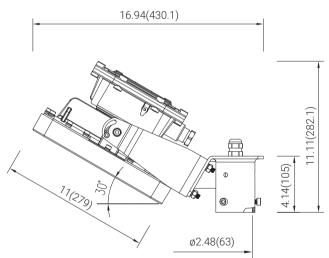




DIMENSIONS

unit: in(mm)

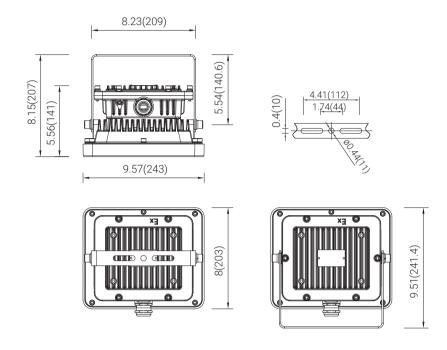


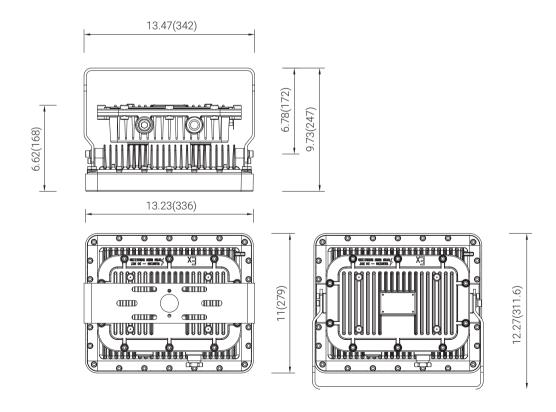


Stanchion



unit: in(mm)

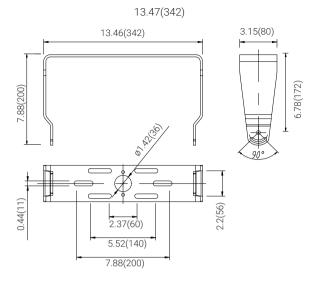




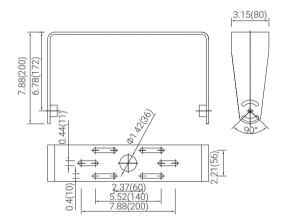
Yoke



unit: in(mm)



BLK-YOKE



YOKE-360Y

MAZARDOUS LOCATION LIGHTING BASICS

N Atmosphere Groups

№ Temperature Classification

Substance	Hazard Class	Division Groups	Zone Groups
Acetylene		Group A	IIC
Hydrogen	Class I	Group B	IIC
Ethylene	Flammable	Group C	IIB
Propane	Gases	Group D	IIA
Methane		Group D	IIA^2
Combustible Metal Dusts	Class II	Group E ¹	IIIC ₃
Combustible Carbonaceous Dust	Combustible	Group F	IIIB ³
Combustible Dusts not in Group E or F (Flour, Grain, Wood, Plastics, Chemicals)	Dusts	Group G	IIIB ³
Combustible Fibers and Flyings	Class III Fibers and Flyings	Not Applicable	IIIA³
Note 1: Group E is applicable to Class II, Division 1 only. Note 2: Methane is a Group IIA Gas for non-mining applications. Note 3: Group IIIA, IIIB and IIIC have not been adopted by the Canadian Electrical Code.			

Max. Surface Temperatures	NEC®500 CEC®	NEC®500/IEC- Group II
450(842)	T1	T1
300(572)	T2	11
280(536)	T2A	
260(500)	T2B	T2
230(446)	T2C	12
215(419)	T2D	
200(392)	Т3	
180(256)	T3A	Т3
165(329)	ТЗВ	
160(320)	T3C	
135(275)	T4	T.4
120(248)	T4A	T4
100(212)	T5	T5
85(185)	T6	Т6

Classification of Divisions and Zones

Hazard Level	Division Scheme	Zone Scheme	Definitions
Continuous Hazard	District 4	Zone 0 / Zone 20	A place in which an explosive atmosphere is continually present
Intermittent Hazard	Division 1	Zone 1 / Zone 21	A place in which an explosive atmosphere is likely to occur in normal operation
Hazard Under Abnormal Conditions	Division 2	Zone 2 / Zone 22	A place in which an explosive atmosphere is not likely to occur in normal operation, but may occur for short periods

№ IP Codes

1st No.	Solid Objects
0	No protection
1	Objects greater than 50mm
2	Objects greater than 12.5mm
3	Objects greater than 2.5mm
4	Objects greater than 1mm
5	Dust protected
6	Dust proof
2nd No.	Liquids
0	No protection
1	Vertically dripping
2	Dripping up to 15°
3	Limited spraying
4	Splashing from all directions
5	Hosing jets from all directions
6	Strong hosing jets from all directions
7	Temporary immersion
8	Continuous immersion
9	Steam-jet cleaning

■ IK Ratings

IK Code	Level of Protection Achieved
IK00	Not protected
IK01	Protected against 0.14 joules impact
IK02	Protected against 0.2 joules impact
IK03	Protected against 0.35 joules impact
IK04	Protected against 0.5 joules impact
IK05	Protected against 0.7 joules impact
IK06	Protected against 1 joules impact
IK07	Protected against 2 joules impact
IK08	Protected against 5 joules impact
IK09	Protected against 10 joules impact
IK10	Protected against 20 joules impact



1(262) 456-5002

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Disclaimer

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