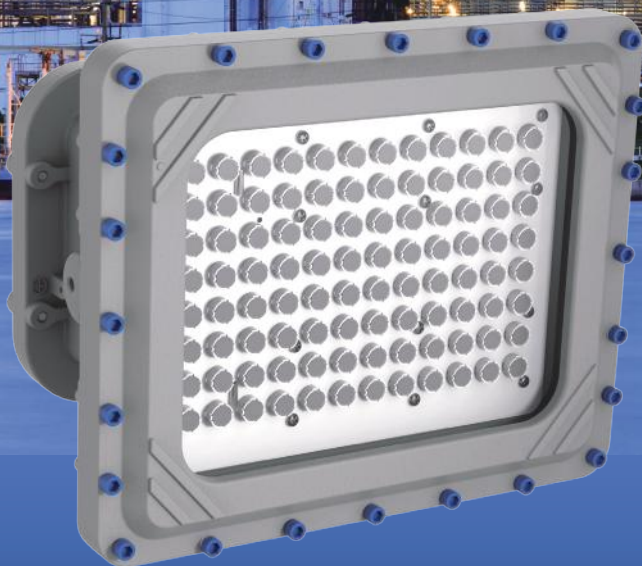


BLOCK HARSH SERIES

LED LIGHTING FOR HARSH INDUSTRIAL ENVIRONMENTS



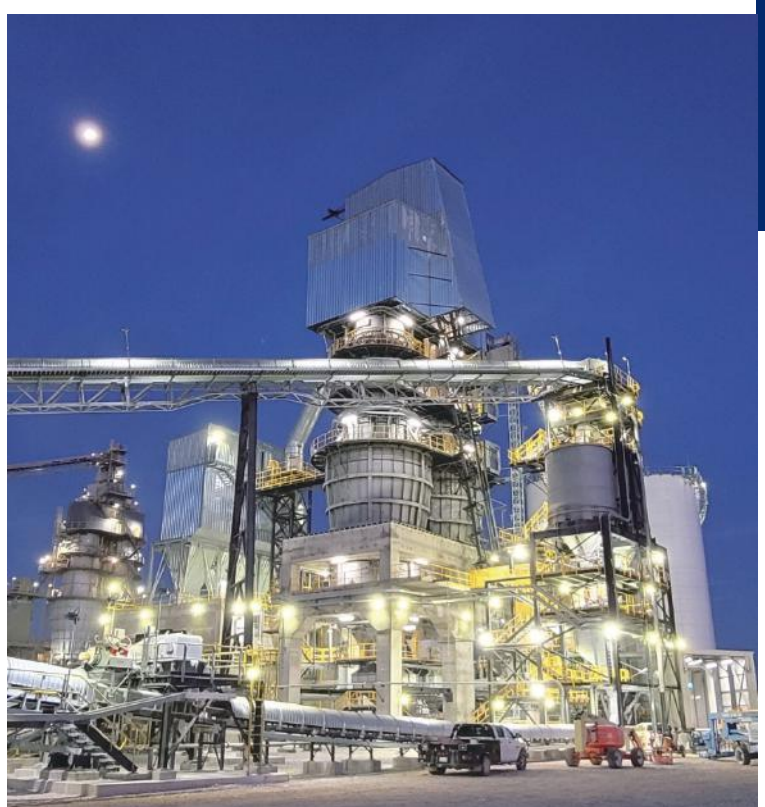
Reliable. Durable. Efficient.
12,000 to 22,000 lumen models

RED SKY
SERIOUSLY SAFE LIGHTS™

ABOUT RED SKY LIGHTING

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

⚡ SERIOUSLY SAFE LIGHTS

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

⚡ TOP-NOTCH SERVICES

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

⚡ FAST DELIVERY

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

⚡ SUSTAINABLE SOLUTIONS

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

BLOCK HARSH SERIES



Designed for harsh environments, the Block Harsh Series delivers outstanding efficiency with a luminous efficacy of 150 lumens per watt. Built to withstand high humidity, dust, salt spray, vibration, and temperature fluctuations, it's ideal for coastal facilities, petrochemical plants, marine platforms, and rugged outdoor settings.

With 10kV built-in surge protection, the Block Harsh Series enhances safety and supports productivity in challenging conditions. Its dimmable driver reduces light pollution, improves visual comfort, and lowers energy costs. A self-contained LED and driver compartment with external cooling fins ensures effective heat dissipation in environments up to 140°F (60°C), while its robust design allows performance in temperatures as low as -40°F (-40°C). The fixture offers a 121,000-hour LED life, enabling long-term, low-maintenance operation.

The copper-free aluminum housing provides excellent corrosion resistance, making it durable in chemical or marine environments.

With three beam options, from spot to wide flood, the Block Harsh Series adapts to varied lighting needs. Red Sky Lighting backs it with a 10-year warranty and factory replacement program.

Choose the Block Harsh Series for performance, safety, and durability in the toughest industrial conditions.





BLOCK HARSH SERIES

MICHIGAN, USA

FEATURES



25°
NEMA 3 - Narrow



60°
NEMA 4 - Medium



120°
NEMA 6 - Wide

Excellent Heat dissipation

Engineered for harsh conditions, the integrated LED and driver compartments with external fins provide efficient heat dissipation for reliable operation from -40°F to +140°F.



Rugged Construction

Built to withstand extreme temperatures, vibration, water and dust. Copper-free aluminum body and frame for corrosion-resistant.

3 Optic Options

25° / 60° / 120° available for different applications from spot to flood for optimal light distribution.

RATINGS

UL 1598 Wet Locations
UL 1598A Marine Outside Type (Salt Water)
IP66
IK09
Salt Spray 720 hrs (ISO 9227)
NEMA 4X

CERTIFICATIONS

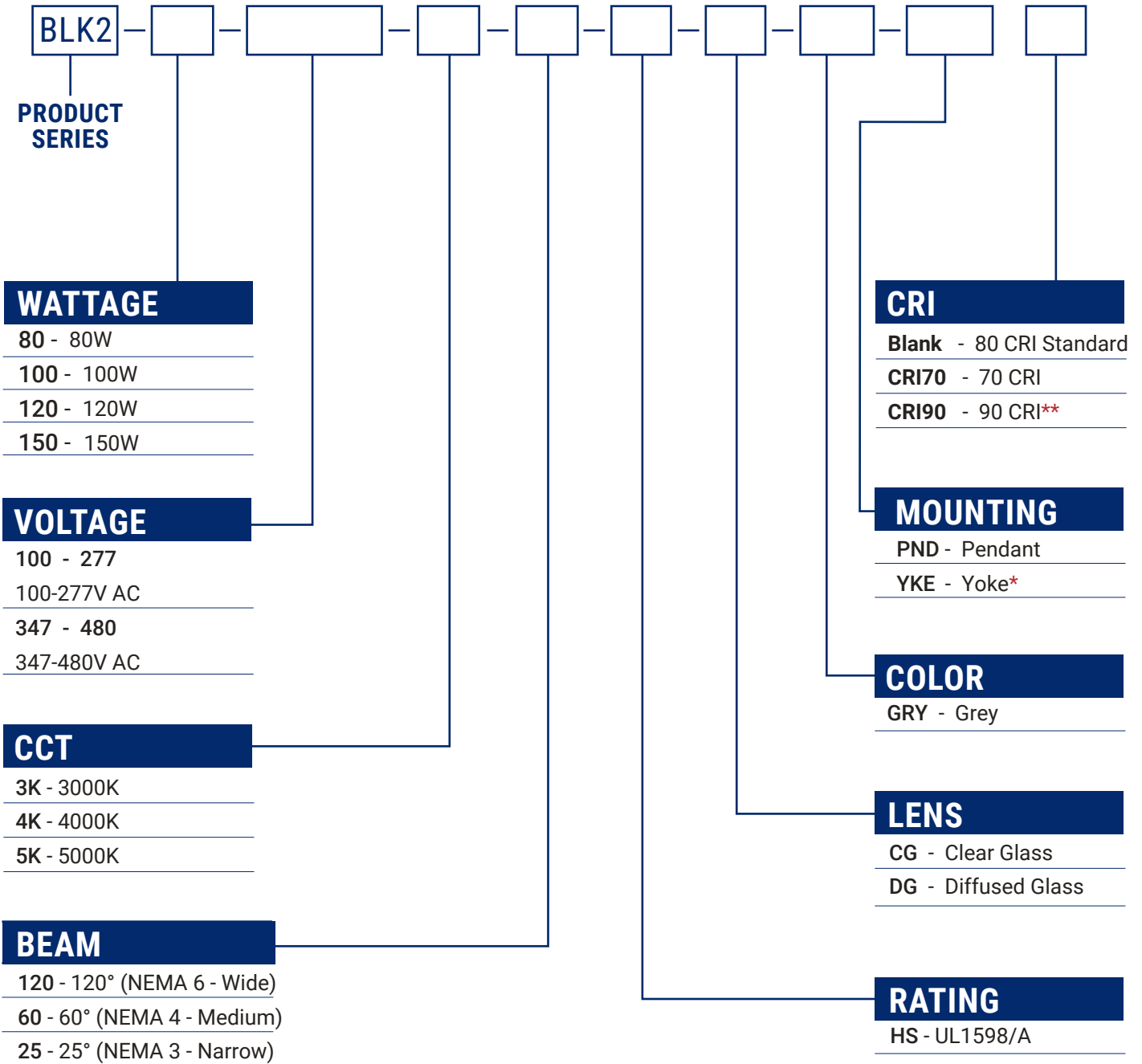
UL1598
UL1598A
CSA C22.2 NO. 250.0
FCC Part 15, Subpart B

Specification	BLK2-80	BLK2-100	BLK2-120	BLK2-150
Electrical Parameters				
Power	80W	100W	120W	150W
Rated Input Current(100V AC)	0.740A	0.925A	1.111A	1.388A
Rated Input Current(277V AC)	0.320A	0.401A	0.481A	0.601A
Rated Input Current(347V AC)	0.256A	0.320A	0.384A	0.480A
Rated Input Current(480V AC)	0.185A	0.231A	0.277A	0.347A
Voltage/Frequency	100-277V AC, 347-480V AC 50/60Hz			
Power Factor	≥0.90			
THD	<20%			
L70	121,000 hrs@140°F			
Dimming	0-10V, Range 10-100%			
Surge Protection	6KV			
Supply Wire	12-18AWG , Rated 90°C			
Warranty	LEDs: 10 years, Driver: 7 years			
Optical Parameters				
Lumen Output*	11,458Lm	13,171Lm	16,442Lm	19,741Lm
Lumen Efficacy*	140Lm/W			
Available Beam Angle	25° / 60° / 120°			
Correlated Color Temperature (CCT)	3000K/4000K/5000K			
Color Rendering Index (CRI)	80 CRI			
Mechanical Parameters				
Housing Material	die-cast aluminum			
Hardware	Stainless steel 316			
Lens Material	Tempered Glass			
Mounting Options	Pendant, Yoke, Stanchion			
Product Weight	33.5lbs/15.2kg		33.7lbs/15.3kg	
Package Weight	35.6lbs/16.2kg		35.8lbs/16.3kg	
Cable Entry	(3) 3/4" NPT			
Product Dimensions(L×W×H)	12.9×10.7×8.4in (328×271×214mm)			
Package Dimensions(L×W×H)	15.1×13.9×10in (383×353×255mm)			
Environmental Parameters				
Vibration Resistance	1.5G (ANSI C136.31)			
Ambient Operating Temperature	-40°F ~ +140°F (-40°C ~ +60°C)			
EPA wind rating (FT2)	1.715 (Yoke), 1.735 (Stanchion)			

* Value calculated based on 5000K and Clear glass ,varies to different spec.
70 CRI & 90 CRI optional, DLC available with 70 CRI only.

ORDERING INFORMATION

EXAMPLE: BLK2-80-100-277-5K-120-HS-CG-GRY-PND



* BLK-YOKE Pre-installed, Contact sales for other Yoke options.

** CRI90 expects longer leadtime

MOUNTING ACCESSORIES



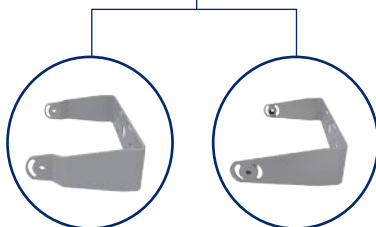
Pendant



Yoke



Stanchion



BLK-YOKE

BLK-360Y



STAN01

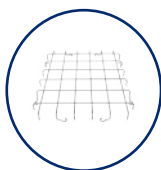
Mounting Method	PN	Description	MPN Code
Yoke	BLK-YOKE	Yoke Mount, SUS304, Powder-Coated Grey RAL 7037	309050055
	BLK-360Y	360-Degree Rotation Yoke Mount, SUS304, Powder-Coated Grey RAL 7037	201010115
Stanchion	STAN01*	Slip-Fit Stanchion Mount Kit for 2 inch Diameter (2-3/8 inch OD, 60mm OD) Poles, Non-Threaded, SUS304, Powder-Coated Grey RAL 7037	309050300

* Requires A Yoke Mount

OTHER ACCESSORIES



SFCB01



BLK-WG



BLK-VISO

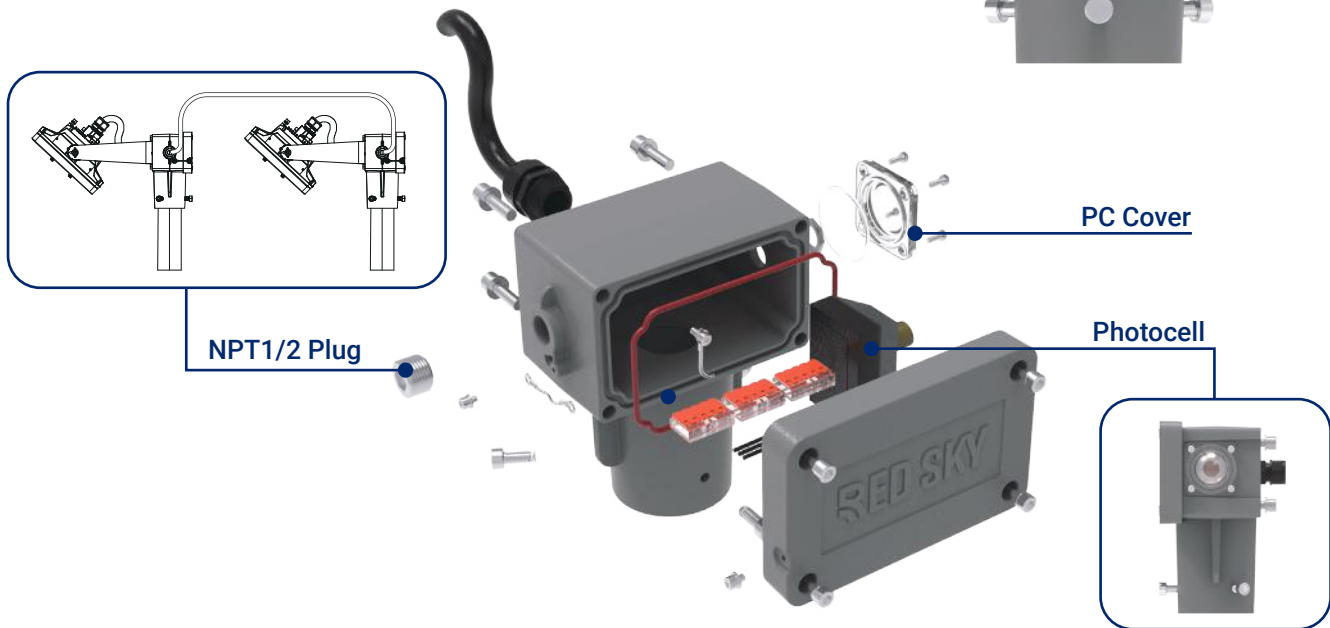


HOOK02

PN	Description	MPN Code
SFCB01	Safety Cable Kit, SUS304	106060018
BLK-WG	Lens Wire Guard, SS304	106060013
BLK-VISO	Visor, SUS304, Powder-Coated Grey RAL 7037	101040169
HOOK02	M10 Hook with 3/4 inch NPT Threads, SUS316	309050331
GLCO-03	3 ft Cord (SOOW 14 AWG × 3, 105 degrees Celsius, 600V) with Cable Gland	204020003
GLCO-10	10 ft Cord (SOOW 14 AWG × 3, 105 degrees Celsius, 600V) with Cable Gland	204020004

SLIP-FIT JUNCTION BOX

The **Junction Box** is a multi-piece assembly featuring a copper-free, cast-aluminum housing, front cover, and cable gland. The design accommodates both stanchion installation and other mounting options. It is compatible with 2" (2 3/8" OD) and 1.5" (1.9" OD) poles, both NPT-threaded and non-threaded.



FEATURES

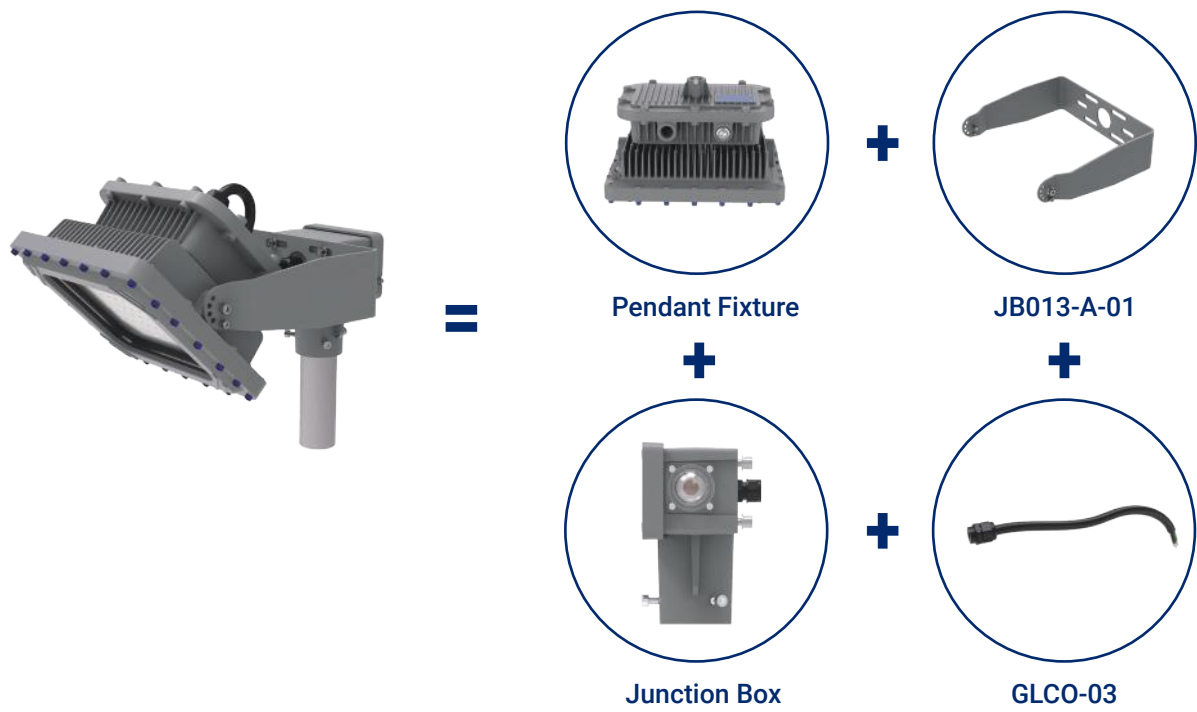
- Weather-resistant finish suitable for wet locations and marine environments
- WAGO 211 lever connectors (5-pole, UL/CSA, 18-12 AWG) for easy, hassle-free wiring
- Wiring access cover with captive screws and a rear hub featuring NPT 1/2" threads for daisy-chain wiring
- Shock and vibration-resistant design

CERTIFICATIONS & RATINGS

UL1598
UL1598A
CSA C22.2 NO. 250.0
UL 1598 Wet Locations
UL 1598A Marine Outside Type (Salt Water)
IP66
IK10
Salt Spray 720 hrs (ISO 9227)

SLIP-FIT JUNCTION BOX

INSTALLATION EXAMPLE



ORDERING INFORMATION

Part Number	Description	MPN Code
JB01	1.5 inch (1.9 inch OD) and 2 inch (2-3/8 inch OD) NPT Threaded Slip-Fit Junction Box	309050379
JB02-P	1.5 inch (1.9 inch OD) and 2 inch (2-3/8 inch OD) NPT Threaded Slip-Fit Junction Box + Sensor (120V)	309050380
JB03-P	1.5 inch (1.9 inch OD) and 2 inch (2-3/8 inch OD) NPT Threaded Slip-Fit Junction Box + Sensor (208-277V)	309050381
JB04	1.5 inch (1.9 inch OD) and 2 inch (2-3/8 inch OD) Non-Threaded Slip-Fit Junction Box	309050382
JB05-P	1.5 inch (1.9 inch OD) and 2 inch (2-3/8 inch OD) Non-Threaded Slip-Fit Junction Box + Sensor (120V)	309050383
JB06-P	1.5 inch (1.9 inch OD) and 2 inch (2-3/8 inch OD) Non-Threaded Slip-Fit Junction Box + Sensor (208-277V)	309050384
JB013-A-01	BLK2 Custom Bracket Assembly	309050388
GLCO-03	3 ft Cord (SOOW 14 AWG × 3, 105 degrees Celsius, 600V) with Cable Gland	204020003

REPLACEMENT PARTS (ORDERED SEPARATELY)

Part Number	Description	MPN Code
BLK2-80-100-277-Driver	Replacement Driver Kit for BLK2-80-100-277 Fixtures	303010020
BLK2-100-100-277-Driver	Replacement Driver Kit for BLK2-100-100-277 Fixtures	303010021
BLK2-120-100-277-Driver	Replacement Driver Kit for BLK2-120-100-277 Fixtures	303010022
BLK2-150-100-277-Driver	Replacement Driver Kit for BLK2-150-100-277 Fixtures	303010023
BLK2-80-347-480-Driver	Replacement Driver Kit for BLK2-80-347-480 Fixtures	303010024
BLK2-100-347-480-Driver	Replacement Driver Kit for BLK2-100-347-480 Fixtures	303010025
BLK2-120-347-480-Driver	Replacement Driver Kit for BLK2-120-347-480 Fixtures	303010026
BLK2-150-347-480-Driver	Replacement Driver Kit for BLK2-150-347-480 Fixtures	303010027

PN	Wattage (W)	CCT	CRI	Beam	Lens	Lumen Output (Lm)	Efficiency (Lm/W)
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Voltage 100-277VAC 80 CRI • STANDARD

BLK2-80-100-277-5K-120-HS-CG-GRY-YKE	80	5000K	80	120°	Clear Glass	11,458	140
BLK2-80-100-277-5K-60-HS-CG-GRY-YKE	80	5000K	80	60°	Clear Glass	10,397	126
BLK2-80-100-277-5K-25-HS-CG-GRY-YKE	80	5000K	80	25°	Clear Glass	10,669	129
BLK2-100-100-277-5K-120-HS-CG-GRY-YKE	100	5000K	80	120°	Clear Glass	13,171	138
BLK2-100-100-277-5K-60-HS-CG-GRY-YKE	100	5000K	80	60°	Clear Glass	11,903	123
BLK2-100-100-277-5K-25-HS-CG-GRY-YKE	100	5000K	80	25°	Clear Glass	12,346	126
BLK2-120-100-277-5K-120-HS-CG-GRY-YKE	120	5000K	80	120°	Clear Glass	16,442	136
BLK2-120-100-277-5K-60-HS-CG-GRY-YKE	120	5000K	80	60°	Clear Glass	15,342	123
BLK2-120-100-277-5K-25-HS-CG-GRY-YKE	120	5000K	80	25°	Clear Glass	15,763	126
BLK2-150-100-277-5K-120-HS-CG-GRY-YKE	150	5000K	80	120°	Clear Glass	19,741	137
BLK2-150-100-277-5K-60-HS-CG-GRY-YKE	150	5000K	80	60°	Clear Glass	17,386	119
BLK2-150-100-277-5K-25-HS-CG-GRY-YKE	150	5000K	80	25°	Clear Glass	18,035	123

Voltage 100-277VAC 70 CRI

BLK-80-100-277-5K-120-HS-CG-GRY-YKE CRI70	80	5000K	70	120°	Clear Glass	12,320	151
BLK-80-100-277-5K-60-HS-CG-GRY-YKE CRI70	80	5000K	70	60°	Clear Glass	11,180	136
BLK-80-100-277-5K-25-HS-CG-GRY-YKE CRI70	80	5000K	70	25°	Clear Glass	11,472	139
BLK-100-100-277-5K-120-HS-CG-GRY-YKE CRI70	100	5000K	70	120°	Clear Glass	14,162	148
BLK-100-100-277-5K-60-HS-CG-GRY-YKE CRI70	100	5000K	70	60°	Clear Glass	12,799	132
BLK-100-100-277-5K-25-HS-CG-GRY-YKE CRI70	100	5000K	70	25°	Clear Glass	13,275	136
BLK-120-100-277-5K-120-HS-CG-GRY-YKE CRI70	120	5000K	70	120°	Clear Glass	17,680	146
BLK-120-100-277-5K-60-HS-CG-GRY-YKE CRI70	120	5000K	70	60°	Clear Glass	16,497	132
BLK-120-100-277-5K-25-HS-CG-GRY-YKE CRI70	120	5000K	70	25°	Clear Glass	16,949	135
BLK-150-100-277-5K-120-HS-CG-GRY-YKE CRI70	150	5000K	70	120°	Clear Glass	21,227	147
BLK-150-100-277-5K-60-HS-CG-GRY-YKE CRI70	150	5000K	70	60°	Clear Glass	18,695	128
BLK-150-100-277-5K-25-HS-CG-GRY-YKE CRI70	150	5000K	70	25°	Clear Glass	19,393	132

Voltage 100-277VAC 90 CRI

BLK-80-100-277-5K-120-HS-CG-GRY-YKE CRI90	80	5000K	90	120°	Clear Glass	10,805	132
BLK-80-100-277-5K-60-HS-CG-GRY-YKE CRI90	80	5000K	90	60°	Clear Glass	9,805	119
BLK-80-100-277-5K-25-HS-CG-GRY-YKE CRI90	80	5000K	90	25°	Clear Glass	10,061	122
BLK-100-100-277-5K-120-HS-CG-GRY-YKE CRI90	100	5000K	90	120°	Clear Glass	12,420	130
BLK-100-100-277-5K-60-HS-CG-GRY-YKE CRI90	100	5000K	90	60°	Clear Glass	11,225	116
BLK-100-100-277-5K-25-HS-CG-GRY-YKE CRI90	100	5000K	90	25°	Clear Glass	11,642	119
BLK-120-100-277-5K-120-HS-CG-GRY-YKE CRI90	120	5000K	90	120°	Clear Glass	15,505	128
BLK-120-100-277-5K-60-HS-CG-GRY-YKE CRI90	120	5000K	90	60°	Clear Glass	14,468	116
BLK-120-100-277-5K-25-HS-CG-GRY-YKE CRI90	120	5000K	90	25°	Clear Glass	14,864	118
BLK-150-100-277-5K-120-HS-CG-GRY-YKE CRI90	150	5000K	90	120°	Clear Glass	18,616	129
BLK-150-100-277-5K-60-HS-CG-GRY-YKE CRI90	150	5000K	90	60°	Clear Glass	16,396	112
BLK-150-100-277-5K-25-HS-CG-GRY-YKE CRI90	150	5000K	90	25°	Clear Glass	17,008	116

347–480Vac models deliver the same lumen output as the 100–277Vac models.

A DIRECT RETROFIT FROM HID TO LED

The BLK series LED is easy to retrofit in the same configuration as your existing HID luminaires. For example, a 150-watt Block (BLK2-150) delivers virtually the same illumination as its equivalent 450 watt Metal Halide luminaire while providing 80% reduction in energy costs and up to 148,000 hours of continuous operation.

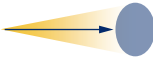
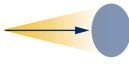
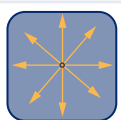
MODELS	Lumen Output (Lm)	MH Equivalent (W)	HPS Equivalent (W)
BLK2-80	11,458	250	310
BLK2-100	13,171	320	360
BLK2-120	16,442	400	400
BLK2-150	19,741	450	400

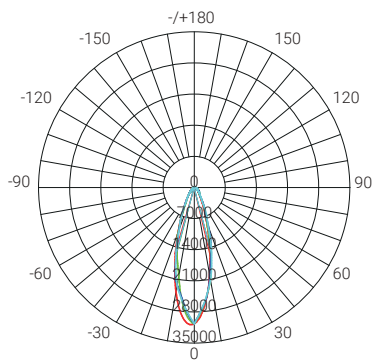
THE RIGHT BEAM PATTERN FOR YOUR APPLICATION

RSL optic package is engineered to deliver maximum footcandles efficiently where you need them, without wasted light or overspill.

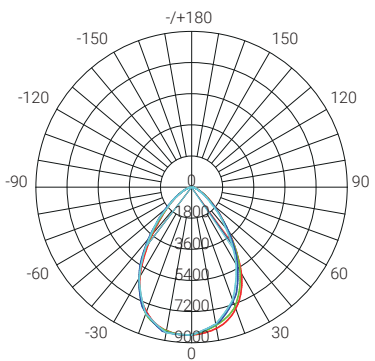
RSL offers complimentary lighting design services for our products using industry-leading AGI32 software, tailored for projects of all sizes in harsh and hazardous locations. We assist you in determining the number of fixtures needed, the types of lights to use, their optimal placement, and how to maximize energy savings—all within budget.

Simply fill out the form (<https://www.redskylighting.com/lighting-design>) with a few key details, request a layout, and we'll bring your ideas to life within 2-5 business days.

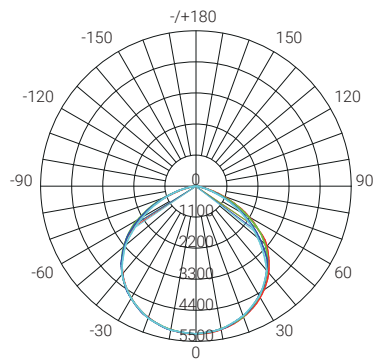
Beam	NEMA/IESNA Type	Beam Description	Beam Projection Distance
30°	NEMA 3	Medium Narrow	
60°	NEMA 4	Medium	
90°	NEMA 5	Medium Wide	
120°	NEMA 6	Wide	
T1	Type I	Asymmetric distributions, well suited for narrow areas, such as Conveyor belts, Aisleways, Catwalks, Loading docks and Tunnels.	
T2	Type II	Asymmetric distributions, well suited for narrow areas, such as roadways, paths and driveways.	
T3	Type III	Asymmetric distributions, well suited for site / area perimeters, wide roadways, and open areas.	
T5	NEMA 7 Type V (Square)	Very Wide: symmetrical pattern with excellent uniformity for large, open areas.	



**25°
NEMA 3 - Narrow**



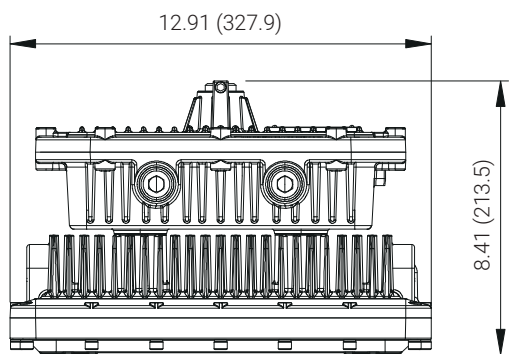
**60°
NEMA 4 - Medium**



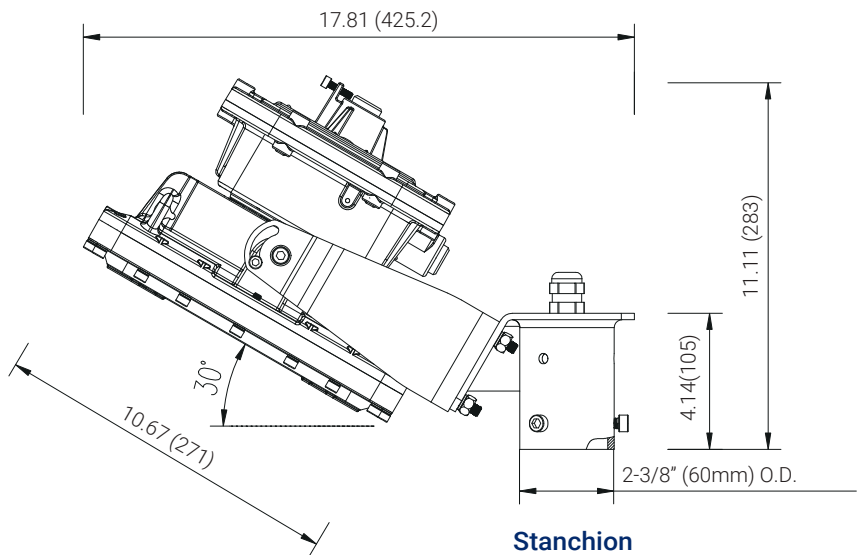
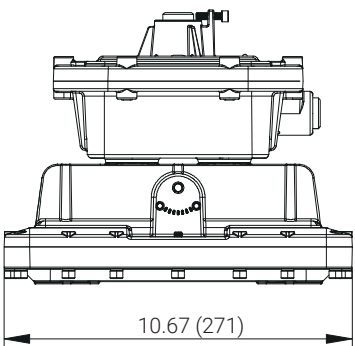
**120°
NEMA 6 - Wide**

DIMENSIONS

unit: in (mm)

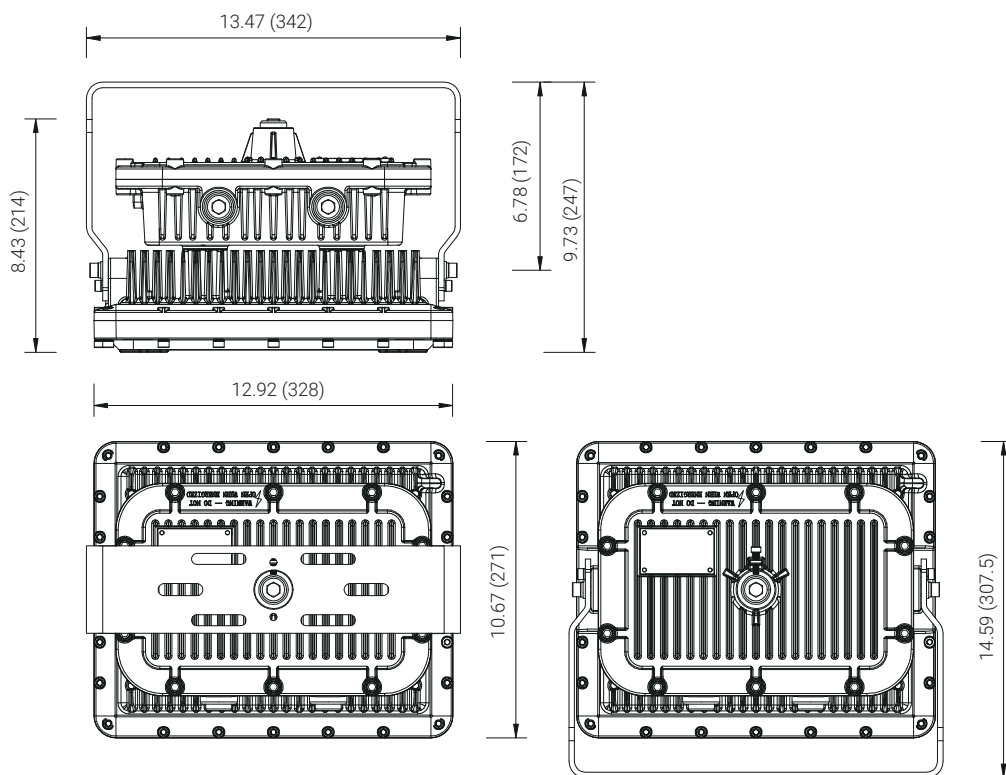


Pendant

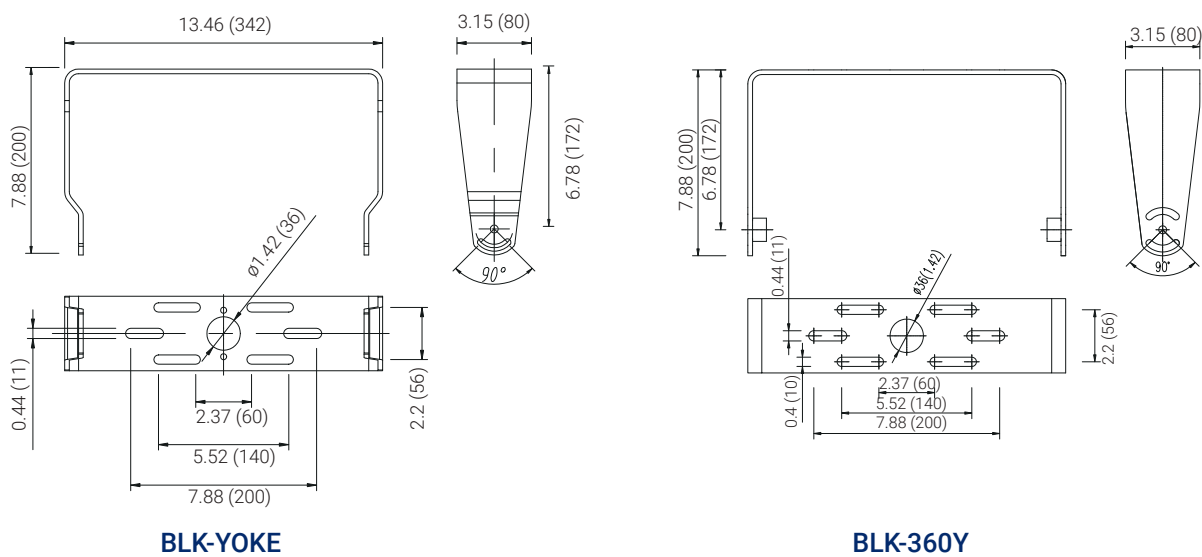


Stanchion

unit: in (mm)



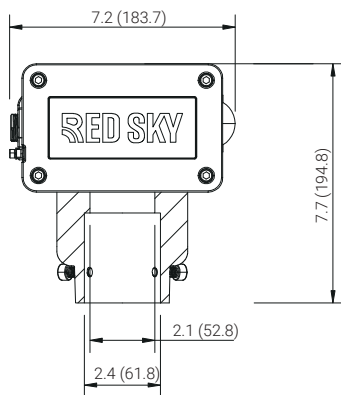
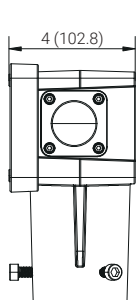
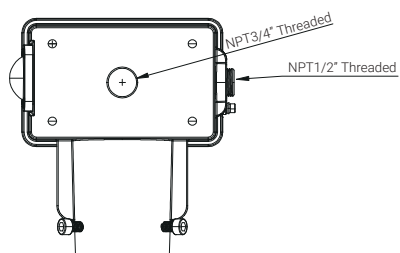
Yoke



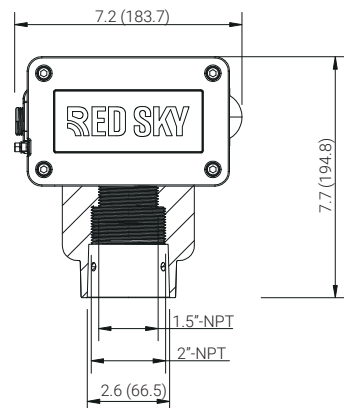
BLK-YOKE

BLK-360Y

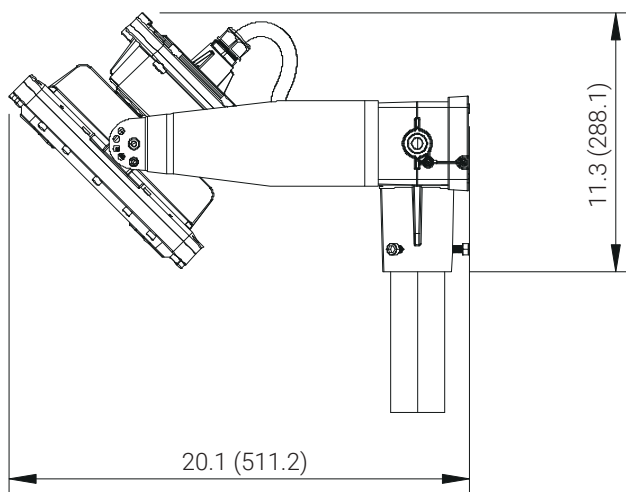
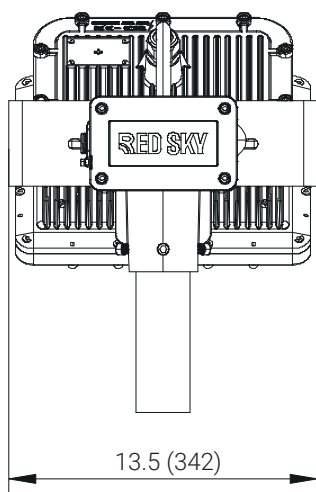
unit: in (mm)



Non-threaded Pole



NPT-threaded Pole



Slip-fit Junction Box

Let's light your next project—
Email us at **contact@redskylighting.com**,
call us at **1 (262) 456-5002**
or visit **www.redskylighting.com** to get started.

Disclaimer

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