

BLOCK SERIES H2

LED Lighting for Harsh and Hazardous Areas

Flood & High Bay

RED SKY

SERIOUSLY SAFE LIGHTS™



DATE

PART #

PROJECT

LOCATION

QTY

FEATURES

- **Excellent Heat dissipation** - Safe and reliable heat transfer - Offering a T-rating of T4A (CID2, CID2). Self-contained LED and Driver compartment with external air-flow fins designed to perform in high ambient temperatures up to +140°F and as low as -40°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.

CERTIFICATIONS

- UL844
- UL1598
- UL1598A
- CSA C22.2 No. 250.0
- CSA C22.2 No. 137
- DLC Standard*
- FCC Part 15, Subpart B

* Not all product variations listed on this page are DLC qualified. Visit www.designlights.org/search to confirm qualification.

RATINGS

- Class I Division 2, Groups A, B, C, D
- Class II Division 2, Groups F, G
- Class III
- Class I, Zone 2, Group IIC
- Zone 22, Group IIIB
- UL 1598 Wet Locations
- UL 1598A Marine Outside Type (Salt Water)
- IP66
- IK09
- Salt Spray 720 hrs (ASTM B117)
- NEMA 4X

TECHNICAL PARAMETERS

Specification	BLK2-H2-80	BLK2-H2-100	BLK2-H2-120	BLK2-H2-150
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	10KV			
Supply Wire	12-18AWG, Rated 90°C			
Warranty	LEDs: 10 years, Driver: 7 years			
Optical Parameters				
Lumen Output*	11,777Lm	14,416Lm	17,416Lm	21,141Lm
Lumen Efficacy*	146Lm/W			
Available Beam Angle	25° / 60° / 120°			
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	
Cable Entry	(3) 3/4" NPT			
Product Dimensions(LxWxH)	12.9×10.7×8.4in (328×271×214mm)			
Environmental Parameters				
Vibration Resistance	1.5G (ANSI C136.31)			
Ambient Operating Temperature	-40°F ~ +140°F (-40°C ~ +60°C)			
T-Code Rating	C1D2 – T4A, C2D2 – T4A			
EPA wind rating (FT2)	1.715 (Yoke), 1.735 (Stanchion)			

* Value calculated based on 5000K, 80 CRI and clear glass ,varies to different spec. 90 CRI optional. DLC available with 70 CRI only.

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ORDERING INFORMATION

BLK2	80	100-277	5K	120	H2	CG	GRY	PND		
PRODUCT SERIES	WATTAGE	VOLTAGE	CCT	BEAM	RATING	LENS	COLOR	MOUNTING	PRODUCTION	CRI
BLK2	80 - 80W 100 - 100W 120 - 120W 150 - 150W	100 - 277 100-277V AC 347 - 480 347-480V AC	3K - 3000K 4K - 4000K 5K - 5000K	120° - 120° (NEMA 6 - Wide) 60° - 60° (NEMA 4 - Medium) 25° - 25° (NEMA 3 - Narrow)	H2 - C1D2 / C2D2 / C3	CG - Clear Glass	GRY - Grey	PND - Pendant YKE - Yoke***	BLANK - Standard BAA - Buy American Act**	BLANK - 80 CRI Standard CRI70 - 70 CRI* CRI90 - 90 CRI*

* CRI 90 option – expect longer lead time.

*DLC available with 70 CRI only. Not all product variations listed on this page are DLC qualified. Visit www.designlights.org/search to confirm qualification.

** Buy American Act

*** BLK-YOKE pre-installed, contact sales for other Yoke options.

MOUNTING OPTIONS



PENDANT



YOKE



STANCHION

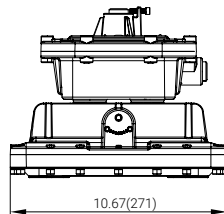
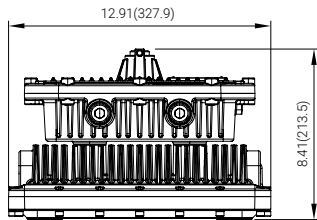
MOUNTING ACCESSORIES

MOUNTING METHOD	PART #	DESCRIPTION	MPN CODE
YOKE	BLK-YOKE	Yoke Mount, SUS304, Powder-Coated Grey RAL 7037	210010013
	BLK-360Y	360-Degree Rotation Yoke Mount, SUS304, Powder-Coated Grey RAL 7037	210010082
STANCHION	STAN01*	Slip-Fit Stanchion Mount Kit for 2 inch (2-3/8 inch OD, 60mm OD) Poles, Non-Threaded, SUS304, Powder-Coated Grey RAL 7037 * Requires a Yoke Mount.	210010031

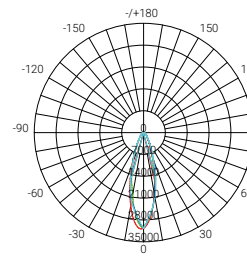
OTHER ACCESSORIES

PART #	DESCRIPTION	MPN CODE
SFCB01	Safety Cable Kit, SUS304	210010086
BLK-WG	Lens Wire Guard, SUS304	210010085
BLK-VISO	Visor, SUS304, Powder-Coated Grey RAL 7037	210010083
HOOK02	M10 Hook with 3/4 inch NPT Threads, SUS316	210010097
GLCO-03	3 ft Cord (SOOW 14 AWG × 3, 105 degrees Celsius, 600V) with Cable Gland	210010098
GLCO-10	10 ft Cord (SOOW 14 AWG × 3, 105 degrees Celsius, 600V) with Cable Gland	210010099

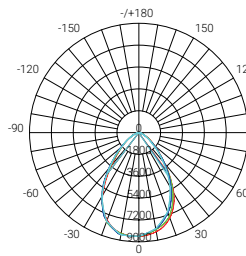
DIMENSIONS



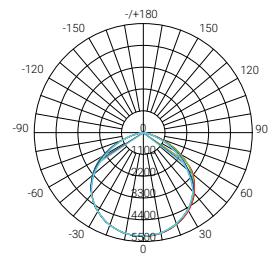
PHOTOMETRICS



25°
NEMA 3-Narrow



60°
NEMA 4-Medium



120°
NEMA 6-Wide

RESOURCES



SCAN FOR LATEST
PRODUCT INFORMATION

[LINK TO FULL SPECIFICATION](#)