

BLOCK MINI SERIES H2

LED Lighting for Harsh and Hazardous Areas
Area & Low Bay

RED SKY
SERIOUSLY SAFE LIGHTS™



DATE	
PART #	
PROJECT	
LOCATION	
QTY	

FEATURES

- Thermal Management** - Safe and reliable heat transfer - Offering a T-rating of T6 (C1ID1). Heat sink designed to perform in high ambient temperatures up to +149°F. L70 >219,000 Hours@149°F
- Compact and Light Weight Design** - For easy handling, especially when access to limited space with low mounting heights
- 5 Mounting Options** - Pendant, Yoke, Ceiling, Stanchion, Wall

CERTIFICATIONS

- UL844
 - UL1598
 - UL8750
 - UL 1598A
 - CSA C22.2 No. 137-18
 - CSA C22.2 No. 250.0
 - CSA C22.2 No. 250.13
 - FCC Part 15, Subpart B
 - DLC Premium*
- * 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 and D;
- Class II, Division 1, Groups E, F and G.
- Class II Division 2, Groups F, G
- Class III
- Class I, Zone 2, Group IIC
- Zone 21, Group IIIC
- UL 1598 Wet Locations
- UL 1598A Marine Outside Type (Salt Water)
- 5G vibration
- IP66& IP67
- IK10 (PC) /IK08 (Glass)
- Salt Spray 720 hrs (ASTM B117)
- NEMA 4X

TECHNICAL PARAMETERS

Specification	BLM-H2-21	BLM-H2-40	BLM-H2-50	BLM-H2-60
Electrical Parameters				
Power	21W	40W	50W	60W
Rated Input Current (120V AC)	0.194A	0.370A	/	0.555A
Rated Input Current (277V AC)	0.084A	0.160A	/	0.240A
Rated Input Current (347V AC)	/	/	0.160A	/
Rated Input Current (480V AC)	/	/	0.115A	/
Voltage/Frequency	120-277V AC	120-277V AC	347-480V AC	120-277V AC
Power Factor	≥0.90			
THD	<20%			
L70	219,000 hrs@149°F			127,000 hrs@147°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*	2,977Lm	5,617Lm	6,945Lm	8,100Lm
Lumen Efficacy*	140Lm/W			
Available Beam Angle	T2/T3/T5			
CCT	3000K/4000K/5000K			
Color Rendering Index (CRI)	80 CRI			
Mechanical Parameters				
Housing Material	Copper-free (< 0.4%) die-cast aluminum			
Hardware	Stainless Steel 316			
Lens Material	Tempered Glass or Polycarbonate			
Mounting Options	Pendant, Yoke, Ceiling, Stanchion, Wall			
Product Weight	10.5lbs/4.8kg	10.8lbs/4.9kg	11.7lbs/5.3kg	11.7lbs/5.3kg
Cable Entry	(1) 3/4" NPT w/3' 18/6 Leads (L/N/G,Dim+/Dim-/12V)			
Product Dimensions(LxWxH)	9.7×8.3×5.1in (245×210×129mm)			
Environmental Parameters				
Vibration Resistance	CID2-T4A, CIID1-T6	CID2-T4, CIID1-T6	CID2-T4A, CIID1-T6	CID2-T4, CIID1-T5
Ambient Operating Temperature	-40°C~+65°C(-40°F~+149°F)			64°C(147°F)
T-Code Rating				
EPA wind rating (FT2)	0.998 (Yoke), 1.134 (Ceiling), 0.792 (Stanchion)			

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

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ORDERING INFORMATION

BLM	40	100-277	5K	T5	H2	CG	GRY	PND	
PRODUCT SERIES	WATTAGE	VOLTAGE	CCT	BEAM	RATING	LENS	COLOR	MOUNTING	CRI
BLM	21 - 21W 40 - 40W 50 - 50W* 60 - 60W	100 - 277 100-277V AC 347 - 480* 120 - 120V AC 208-277 - 208-277V AC	3K - 3000K 4K - 4000K 5K - 5000K	T2 - Type II*** T3 - Type III*** T5 - Type V (NEMA 6 - Wide)	H2 - C1D2 / C2D1 / C3	CG - Clear Glass DG - Diffused Glass DP - Diffused Polycarbonate	GRY - Grey	PND - Pendant YKE - Yoke****	BLANK - 80 CRI Standard CRI70 - 70 CRI** CRI90 - 90 CRI**

* 50W only with 347-480V AC, 347-480V AC only with 50W

** CRI 90 option – expect longer lead time

** DLC available with 70 CRI only. Not all product variations listed on this page are DLC qualified.

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*** Only available with Clear Glass Option

**** BLM-YOKE Pre-installed

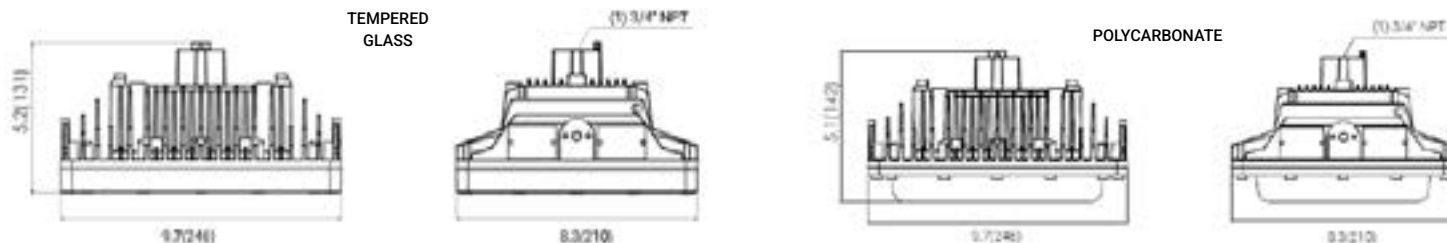
MOUNTING OPTIONS



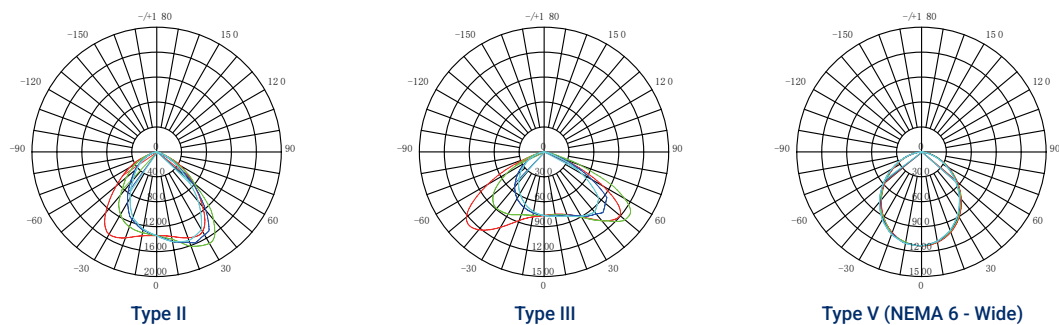
MOUNTING ACCESSORIES

MOUNTING METHOD	PART #	DESCRIPTION	MPN CODE
YOKE	BLM-YOKE	Yoke Mount, SUS304, Powder-Coated Grey RAL 7037	210010049
CEILING	CEIL01 *	Ceiling Mount, Powder-Coated Grey RAL 7037	210010001
STANCHION	SN2501 *	Stanchion Mount, 25 Degrees, NPT 1-1/2, Powder-Coated Grey RAL 7037	210010004
	SN2502 *	Stanchion Mount, 25 Degrees, NPT 1-1/4, Powder-Coated Grey RAL 7037	210010003
	SN9001 *	Stanchion Mount, 90 Degrees, NPT 1-1/2, Powder-Coated Grey RAL 7037	210010006
	SN9002 *	Stanchion Mount, 90 Degrees, NPT 1-1/4, Powder-Coated Grey RAL 7037	210010005
WALL	WL2501*	Wall Mount, 25 Degrees, Powder-Coated Grey RAL 7037	210010028
	WL9001 *	Wall Mount, 90 Degrees, Powder-Coated Grey RAL 7037	210010002

DIMENSIONS



PHOTOMETRICS



RESOURCES



SCAN FOR LATEST
PRODUCT INFORMATION

[LINK TO FULL SPECIFICATION](#)