



50W JUNCTION BOX EYE WASH STATION SERIES

An all in one LED light and junction box, this industrial luminaire is designed to outshine and outlast the competition featuring advanced electronic technology like pulse width modulation, electronic thermal management and a Failsafe redundant circuit design. The bright green light emitted by the LEDs promises temporarily visually impaired workers to quickly and safely find their way to an eye wash station.

A built-in backup battery is also available. This version senses a power failure and immediately begins driving the LED load in emergency mode at reduced lumen output for a minimum 90 minutes, in accordance with emergency lighting codes (e.g., NFPA® Life Safety Code®).



MECHANICAL:

Fixture Weight:	8 lbs (3.8kg)
Shipping Weight:	10 lbs (4.5kg)
Mounting/ Entries: (See Accessories)	(6) 3/4" NPT - SIDES

TECHNICAL:

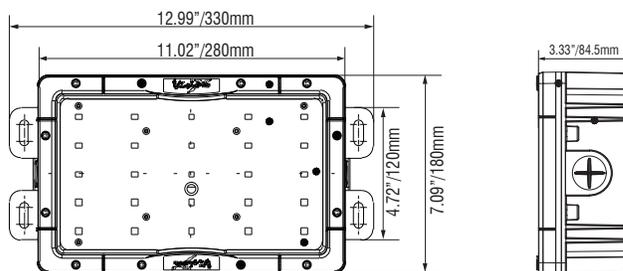
LED:	(Non-Optic) MHB-B(CREE) (Optics) XT-E2(CREE)
Lumens:	6000-7000 lm
Wattage:	50W
Amp Draw:	0.43A @ 115VAC 0.22A @ 230VAC 0.18A @ 277VAC
Operating Voltage:	90 - 305VAC 127 - 431VDC
Operating Temp:	-40°C - 60°C
Lifespan:	50,000 hrs
Frequency:	47-63Hz
THD:	<20% (@load≥50% / 115VAC,230VAC) (@load≥75% / 277VAC)
Power Factor:	≥ 0.98/115VAC ≥ 0.95/230VAC ≥ 0.92/277VAC
Short Circuit:	Constant Current Limiting, Recovers Automatically After Fault Condition is Removed
Polarity:	Reverse Polarity Protection
Battery Back-Up:	Version Available

CONSTRUCTION:

Housing:	Die-Cast 6061 Aluminum
Finish:	Gloss Grey
Lens:	Polycarbonate

PART #:	BEAM PATTERN	LED COLOR
LSG0330xxG	10°, 25°, 40° 60°, 90°	Green
LGB0330xxG (Battery Backup)	10°, 25°, 40° 60°, 90°	Green

2D DRAWING:



RATINGS:

EMC Emission:	Compliance to EN55022, EN61000-3-2 Class A, EN61000-3-3
EMC Immunity:	Compliance to EN55024, EN61000-4-2,3,4,5,6,8,11; light industry level(surge 2KV), criteria A
UL1598A Marine:	✓
Ingress Protection:	IP-68, IP69k
Vibration:	15.6 Grams
Warranty:	5 Years