

EYE WASH STATION LIGHTING

Industrial Emergency Eye Wash Applications



LED | LIGHTING CATALOG





50W JUNCTION BOX

Product Information

Project Name:
Date:
Type:

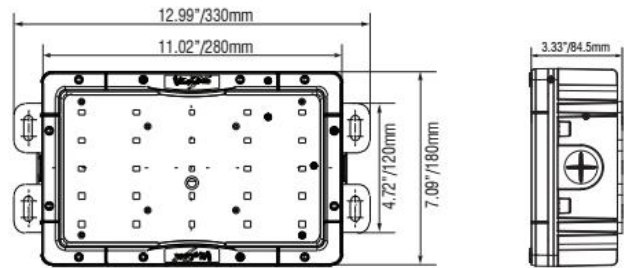
An all in one LED light and junction box, this industrial luminaire is designed to outshine and outlast the competition featuring advanced electronic technology like pulse width modulation, electronic thermal management and a failsafe redundant circuit design. The bright green light emitted by the LEDs 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®).



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

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 Grms |
| Warranty: | 5 Years |

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 |





10W JUNCTION BOX

Product Information

Project Name:
Date:
Type:

The all in one 10W junction box luminaire is small but powerful. This LED fixture also features pulse width modulation, electronic thermal management and a Failsafe redundant circuit design that allows the light to function even if half the light should fail in extreme conditions.

The 180° ultra-wide flood beam pattern and intense green color leads temporarily visually impaired workers quickly to an eye wash station aiming to prevent permanent eye damage.



MECHANICAL:

| | |
|------------------|-----------------------|
| Fixture Weight: | 2 lbs (0.9kg) |
| Shipping Weight: | 4 lbs (1.8kg) |
| Mounting: | (4) 3/4" NPT - SIDES |

TECHNICAL:

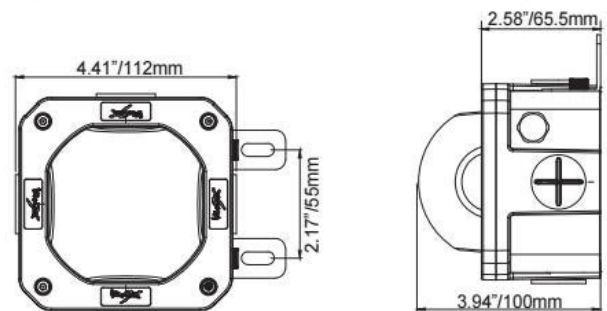
| | |
|--------------------|--|
| LED: | 5630 (LG) X 40EA |
| Lumens: | 1,000 lm |
| Beam Pattern: | 180° |
| Wattage: | 10W |
| Amp Draw: | 0.09A@115V AC 0.04A @ 230V AC 0.04 @ 277V AC |
| Color Temperature: | - |
| Operating Voltage: | 90-264V AC 127-370V DC |
| Operating Temp: | -40°C ~ 60°C |
| Lifespan: | 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: | N/A |

CONSTRUCTION:

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

| PART #: | BEAM PATTERN | COLOR |
|----------------|-----------------------|-------|
| LSGSM40180PCVG | 180° Ultra-Wide Flood | 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 Rating: | 15.6 Grms |
| Warranty: | 5 Years |





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