





# ZLM Series

28,000 – 56,000 LUMEN

HIGH INTENSITY

ACTIVELY COOLED LUMINAIRE



Webpage

Approved for use in general locations

## Essentials

Ambient temperature range: -40°C to +45°C  
Input voltage options: 120-277VAC  
Ingress protection: IP66

Fixture module weight: 12.7 kg | 28.0 lbs\*  
Fixture dimensions: 15.5" x 6.8" x 7.1" \*

*\*Excluding mounts*

## Certifications

Certified for general location use under:

- UL 1598
- CSA C22.2 No. 250.0, CSA C22.2 No. 250.13

## Applications

- Temporary lights for construction & mining
- Top of rig flood lights & Light towers
- Cranes & excavators lighting
- Set up & teardown lighting
- Flood & spot lighting

## Warranty

- Five (5) year limited warranty

## Features

- Up to 28,800 lumens per module.
- Watertight, lightweight, actively cooled, and modular.
- Light engine and power supply area sealed to IP66.
- Small form factor for reduced wind loading.
- Thermal management for reliability.
- Multiple optical profiles.

The ZLM handles extreme installation heights. A high lumen-to-weight ratio enables deployment on structures with limited capacity.

 **Nemalux**<sup>TM</sup>  
A Cooper Lighting Solutions business



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MADE IN CANADA

# ZLM Series

## Product Features

### HOUSING

- Copper-free, extruded aluminum housing
- Type 2 anodized housing, multi-layer powder-coated end caps and stainless steel brackets for chemical and UV resistance
- Physical separation between power supply and light engine
- IP66 rated

### ELECTRONICS ENCLOSURE

- Forced-air cooling of electronics enclosure keeps power supplies & LEDs operating at optimal conditions
- Turck minifast IP66 quick connect harness for fast install and easy tear-down on portable units

### THERMAL MANAGEMENT

- Active cooling ensures LEDs are kept running at maximum efficiency, even at 45°C temperature
- High-efficiency heat-sink designed for optimal heat dissipation with forced-air cooling
- Tested for continuous operation at full-power with one cooling fan disabled

### MOUNTING

- Single vertical yoke mount
- Double vertical yoke mount

### LEDs

- High efficiency
- Superior CRI
- Several CCT options

### POWER SUPPLIES

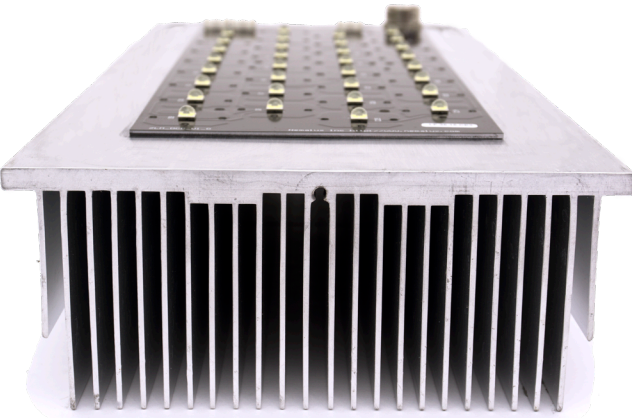
- Built-in temperature control adjusts power output in case of extreme ambient temperatures or fan failure to maintain continuous light output

### LIGHT ENGINE

- Metal core PCB (MCPCB) for improved thermal transfer
- Modular optics
- Fault tolerant and fail-over design ensures reliability and resilience to damage







## MOUNTING OPTIONS (Order Separately)



**ZLM-YM**  
SINGLE VERTICAL YOKE MOUNT



**ZLM2-YM**  
DOUBLE VERTICAL YOKE MOUNT

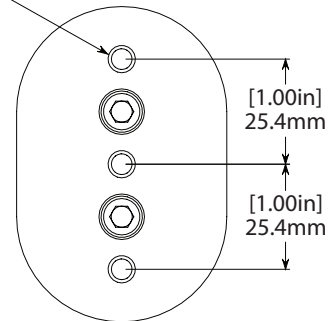
### Secondary Safety



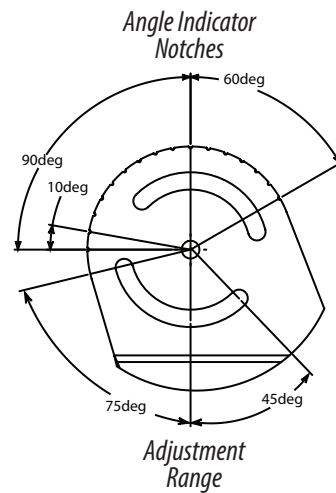
*Sized for 1/2" chain quick link or  
locking connector/carabiner*

### Mounting Points

*Use three (3) M6  
fasteners each side*



### Angle Adjustment



## CUSTOM OPTIONS

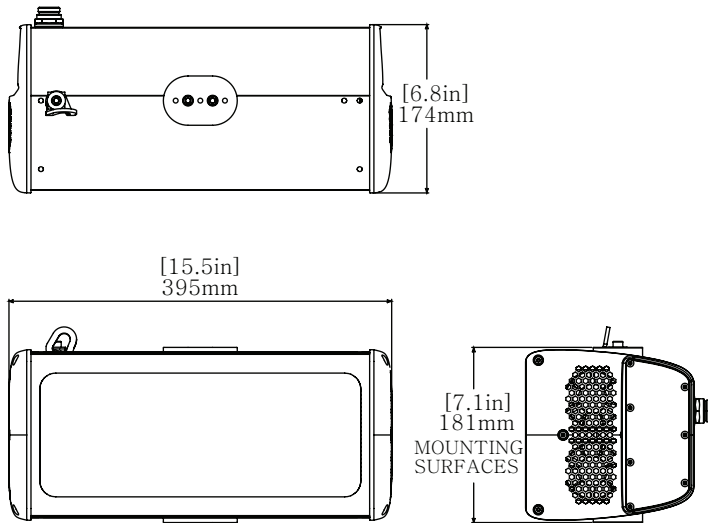
### WIRING

Other wire lengths available in 30cm (1 ft) increments.

To inquire about products, discuss your needs or get a  
no-obligation lighting layout from our experts, please contact us.

**1-877-636-2589 | [info@nemalux.com](mailto:info@nemalux.com)**

## DIMENSIONS



## WEBPAGE WITH TECHNICAL DETAILS



*ZLM Webpage*

*To view model selector, optic options, and custom requests please refer to the spec sheets on the webpage.*

## REQUEST INFORMATION



*Contact us*

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Due to constant product development, details in this brochure are  
subject to change at any time. Contact us for the latest information.