

## KEY FEATURES

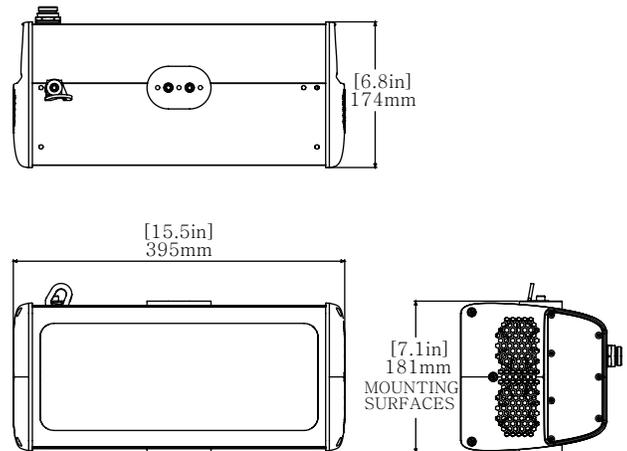
- Up to 28,800 lumens per module.
- Watertight, lightweight, actively cooled, and modular.
- Redundant systems and thermal management for reliability.
- Light engine and power supply area sealed to IP66.
- Small form factor for reduced wind loading.
- Multiple optical profiles.



## TECHNICAL SPECIFICATIONS / MAXIMUM RATINGS

<b>HOUSING</b>	Die-cast Powder Coated & Anodized Extruded Aluminium
<b>MOUNTING</b>	Yoke Mount or Custom See Page 3 for DETAILS
<b>VOLTAGE MAXIMUM</b>	277VAC
<b>INPUT VOLTAGE</b>	120-277VAC (50/60 Hz)
<b>RATED POWER</b>	<b>ZLM:</b> 296W   <b>ZLM2:</b> 592W
<b>RATED CURRENT</b>	<b>ZLM:</b> 2.5A   <b>ZLM2:</b> 4.9A
<b>CONNECTIONS</b>	<b>S:</b> Turck MiniFast quick connect with 3m (10') lead <b>D:</b> 3m (10') 5 conductor flying lead (Custom lengths available)
<b>DIMMING</b>	0-10V Dimmable, Class 1 Wiring   See CHART on Page 2
<b>TEMPERATURE RANGE</b>	-40°C to +45°C   (Pending +55°C) (Case ~30°C above ambient)
<b>CERTIFICATIONS</b>	Certified to UL 1598; CSA 22.2 No. 250.0; CSA 22.2 No. 250.13
<b>INGRESS PROTECTION</b>	IP66   Suitable for wet locations
<b>COLOUR TEMP RANGE</b>	<b>50:</b> 5000K   Special Order: 2700-6500K
<b>CRI VALUE (MIN)</b>	<b>50:</b> 70   High CRI options available on request
<b>TOTAL LUMENS</b>	Up to 28,800 lm See Page 2 for DETAILS
<b>LUMEN MAINTENANCE</b>	LM-80 > 60,500 hrs (Based on CREE long term testing)
<b>WEIGHT</b>	<b>ZLM:</b> 12.7 kg (28 lbs) <b>ZLM2:</b> 24.7 kg (54.5 lbs)

## DIMENSIONS



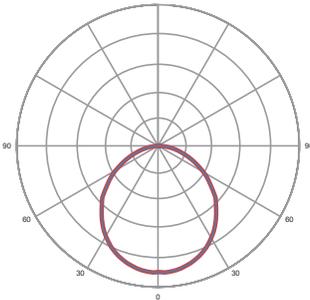
## WARRANTY

Five (5) year limited warranty to the original purchaser. The warranty covers defects in materials and workmanship under normal use and service.

For additional information see: <https://nemalux.com/legal>

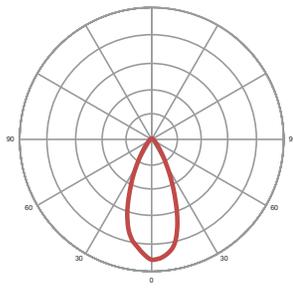
\*The ambient temperature during lifetime, lumen and chromaticity determination is 25°C ± 1°C.

## OPTIC OPTIONS



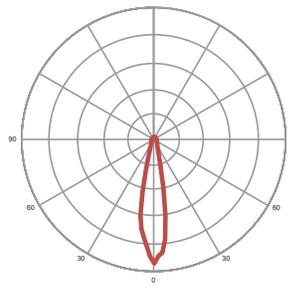
**W - Wide 125°**

MODEL	LUMENS
ZLM	26270
ZLM2	52530



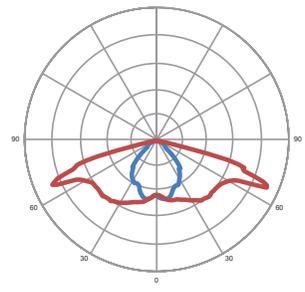
**M - Medium 40°**

MODEL	LUMENS
ZLM	24850
ZLM2	49700



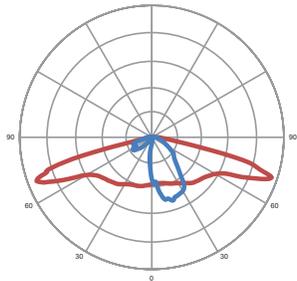
**N - Narrow 21°**

MODEL	LUMENS
ZLM	24850
ZLM2	49700



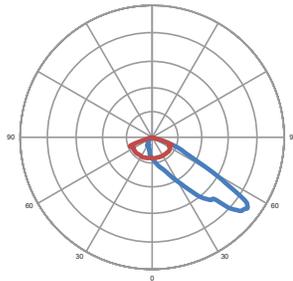
**A - 90° x 140°**

MODEL	LUMENS
ZLM	22370
ZLM2	44730



**T2 - IESNA Type 2**

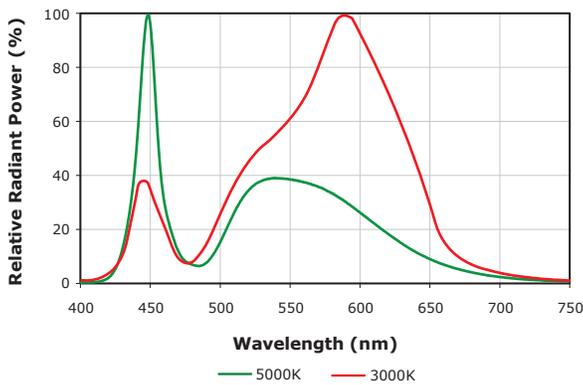
MODEL	LUMENS
ZLM	28840
ZLM2	57680



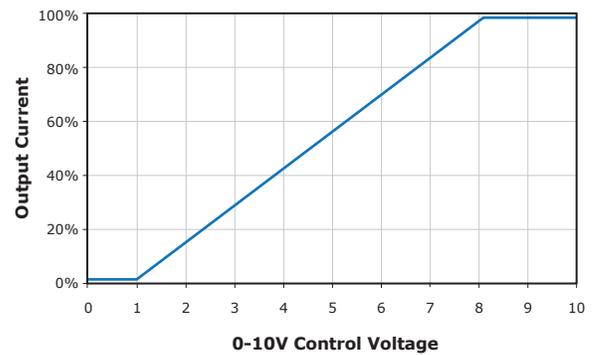
**F - Forward Throw**

MODEL	LUMENS
ZLM	24590
ZLM2	49170

## PHOTOMETRICS



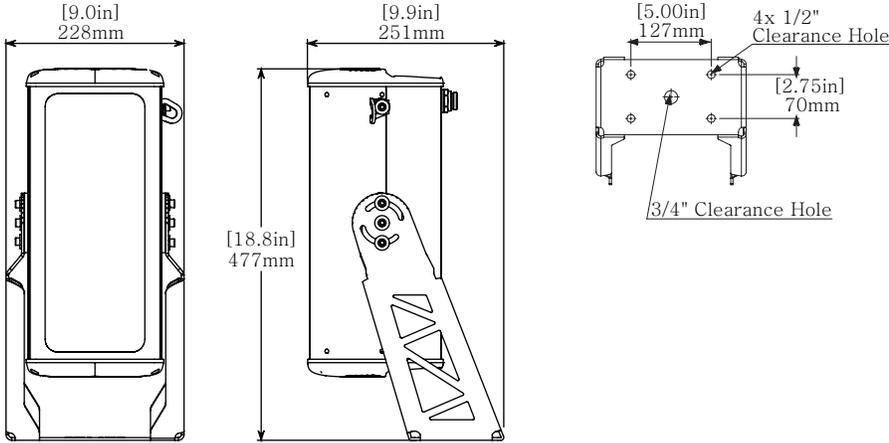
## DIMMING



- Driver will source a maximum of 200uA for control needs
- Controller must sink current from the 0-10V control leads

## MOUNTING OPTIONS

**Single Vertical Yoke (ZLM-YM) : 12.7 kg | 28 lbs - EPA: 0.18 m<sup>2</sup> / 1.90 ft<sup>2</sup>**



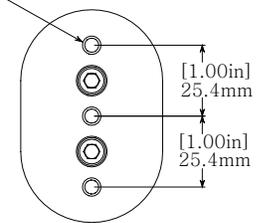
### SECONDARY SAFETY



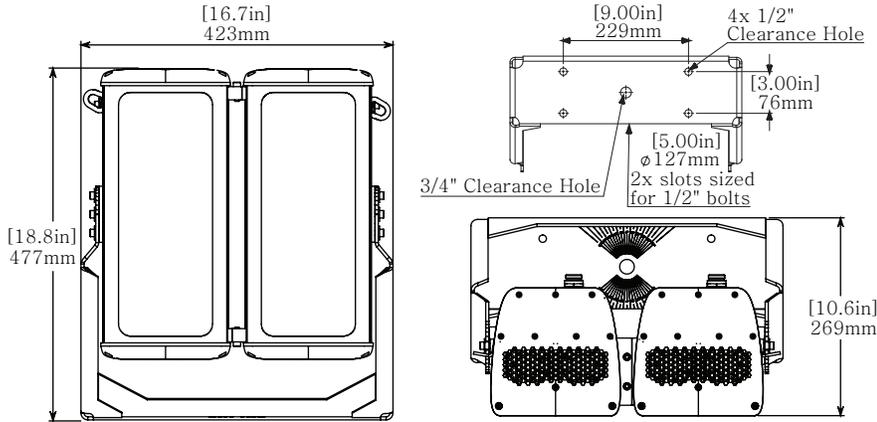
Sized for 1/2" chain quick link or locking connector/carabiner

### MOUNTING POINTS

USE THREE (3) M6 FASTENERS EACH SIDE

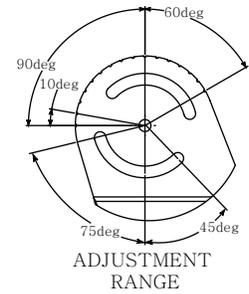


**Double Vertical Yoke (ZLM2-YM) : 24.7 kg | 54.5 lbs - EPA: 0.18 m<sup>2</sup> / 1.90 ft<sup>2</sup>**



### ANGLE ADJUSTMENT

ANGLE INDICATOR NOTCHES



## ORDERING INFORMATION

PROJECT NAME		TYPE
PROJECT LOCATION		
COMMENT		DATE
PREPARED BY		

## MODEL SELECTOR

Sample Number: ZLM-50-W-GY-GN-AC-S

MODEL	COLOUR	OPTIC	FINISH	LOCATION	VOLTAGE	DIMMING
ZLM ZLM2	50 - 5000K  Special Order: 27 - 2700K <sup>1</sup> 30 - 3000K <sup>1</sup> 35 - 3500K <sup>1</sup> 40 - 4000K <sup>1</sup> 45 - 4500K <sup>1</sup> 55 - 5500K <sup>1</sup> 65 - 6500K <sup>1</sup>  High CRI options are available. Please contact for details. <sup>1</sup>	W - Wide 125° (No optic)  Special Order: M - Medium 40° <sup>1</sup> N - Narrow 21° A - 90° x 140° <sup>1</sup> T2 - IESNA Type 2 <sup>1</sup> F - Forward Thow <sup>1</sup>	GY - Grey	GN - General Location	AC - 120-277VAC	S - Standard D - 0-10V Dimming

## ACCESSORIES (Order Separately)

Sample Number: ZLM-YM

ACCESSORY
ZLM-YM - Single Vertical Yoke
ZLM2-YM - Double Vertical Yoke

## CUSTOM OPTIONS

### WIRING

Other wire lengths available in 30 cm (1 ft) increments.<sup>1</sup>

### NOTES:

1. Minimum order quantities, additional costs and lead times may apply.