



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.





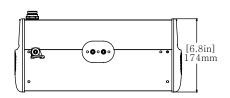


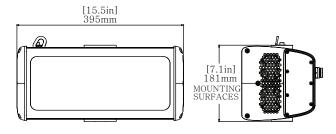
TECHNICAL SPECIFICATIONS / MAXIMUM RATINGS

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

^{*} The ambient temperature during lifetime, lumen and chromaticity determination is $25^{\circ}\text{C} \pm 1^{\circ}\text{C}$.

DIMENSIONS





WARRANTY

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

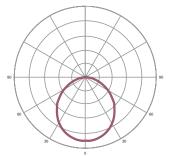
For additional information see: https://nemalux.com/legal

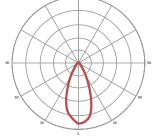


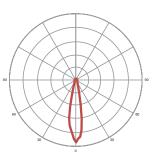


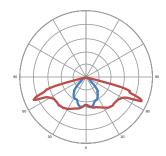


OPTIC OPTIONS









W - Wide 125 $^{\circ}$

MODEL	LUMENS
ZLM	26270
ZLM2	52530

M - Medium 40°

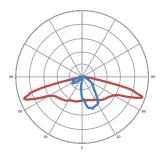
MODEL	LUMENS
ZLM	24850
ZLM2	49700

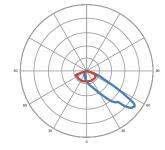
N - Narrow 21°

MODEL	LUMENS
ZLM	24850
ZLM2	49700

A - 90° x 140°

MODEL	LUMENS
ZLM	22370
ZLM2	44730





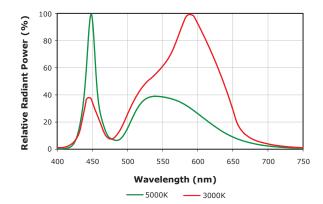
T2 - IESNA Type 2

MODEL	LUMENS
ZLM	28840
ZLM2	57680

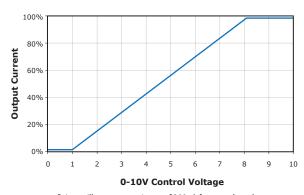
F - Forward Throw

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

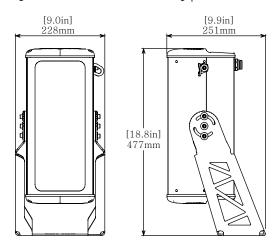


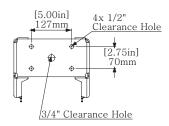




MOUNTING OPTIONS

Single Vertical Yoke (ZLM-YM): 12.7 kg \mid 28 lbs - EPA: 0.18 m² / 1.90 ft²





SECONDARY SAFETY



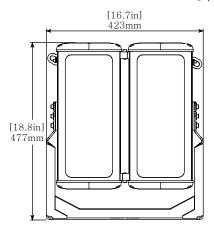
Sized for 1/2" chain quick link or locking connector/carabiner

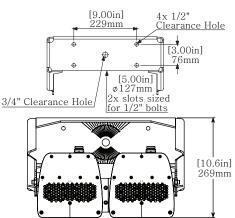
MOUNTING POINTS

USE THREE (3) M6
FASTENERS EACH SIDE

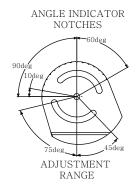
[1.00in]
25,4mm
[1.00in]
25,4mm

Double Vertical Yoke (ZLM2-YM): 24.7 kg | $54.5 \, \text{lbs} - \text{EPA}$: 0.18 m² / 1.90 ft²





ANGLE ADJUSTMENT









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
-	-	-	GY -	GN -	- AC -	
ZLM ZLM2	50 - 5000K Special Order: 27 - 2700K ¹ 30 - 3000K ¹ 35 - 3500K ¹ 40 - 4000K ¹ 45 - 4500K ¹ 55 - 5500K ¹ 65 - 6500K ¹ High CRI options are available. Please contact for details. ¹	W - Wide 125° (No optic) Special Order: M - Medium 40°¹ N - Narrow 21° A - 90° x 140°¹ T2 - IESNA Type 2¹ F - Forward Thow¹	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.1

NOTES:

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

