



Applications Include

Accent Lighting, Landscape Lighting, Pathway Lighting

Specification Features

Construction

The EYELITE Bullet Floods feature a rugged, die-cast main housing to hold the LED array. A cast aluminum bezel with a sealed tempered glass outer lens is gasketed and held in place by set screws. The large bullet has a cast aluminum visor accessory that can be used in place of the standard bezel, sold separately. The large bullet has nine discrete LEDs and the mini bullet has four discrete LEDs. EYELITE Bullet Floods are suitable for -40°C to 40°C ambient conditions.

Mounting

All EYELITE Bullet Floods feature a ½-inch knuckle with an adjustable pivot. Aiming angle can be set by loosening a Phillips head screw in the pivot joint. Once it is set to the desired angle, the phillips head screw is tightened.

Optics

A one-piece optic covers the LED board. It has integrated positioning guides to ensure proper placement over the LEDs and is held in place by the cast aluminum bezel with tempered glass outer lens.

Electrical

The large bullet floods feature a constant current driver that accepts 120 to 277 volt input at 50/60Hz. The mini bullet flood features a constant current driver that accepts 120 to 240 volt input. All drivers operate at greater than 0.9 Power Factor and lower than 20% Total Harmonic Distortion. Wire leads pass through the mounting knuckle.

Finish

The paint process begins with a multi-stage cleaning, pretreatment and chemical conversion coating process. A durable polyester powdercoat is then electrostatically applied to a 2- to 3-mil thickness. This process ensures protection from impact, UV and salt spray damage.

Warranty

5-year Limited LED Luminaire Warranty to the original purchaser that the luminaire shall be free from defects in material and workmanship for up to five (5) years from date of shipment. This limited warranty covers the fixture, LED driver and LEDs when installed and operated according to manufacturer's instructions. See EYE Lighting's full Warranty and Terms & Conditions of Sale at www.eyelighting.com.

Listings and Ratings

UL Listed in the U.S.A. and Canada to U.L. 1598 wet location standards. Tested to IESNA LM-79-08 test standards at 25°C ambient. IES files are available at www.eyelighting.com.



Project:
Type:
Catalog #:
Prepared by:
Date:
Notes:

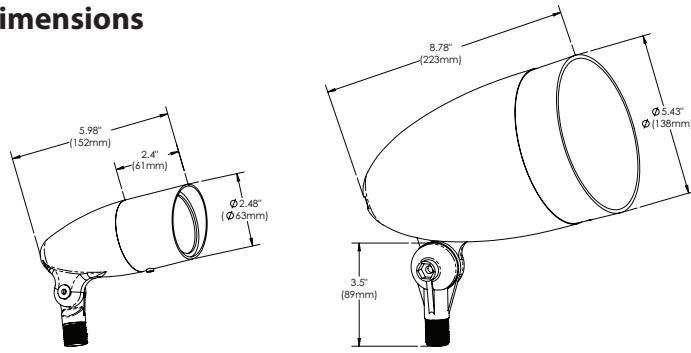
Order Guide

SAMPLE NUMBER (mini): VRK-LM-740-N4-UNS-DB
 SAMPLE NUMBER (large): VRK-L1-740-N2-UNV-DB

FAMILY	MOUNT	LUMENS	CRI/CCT	DISTRIBUTION	VOLTAGE	FINISH
VR	K					
VR	K = Knuckle	LM = 400 @ 5W ¹ L1 = 1000 @ 15W ² L2 = 1900 @ 20W ²	730 = 70 CRI, 3000K ³ 740 = 70 CRI, 4000K 750 = 70 CRI, 5000K ³	N4 = 40° Beam ⁴ N6 = 60° Beam ⁴	UNS = 120-240V ¹ UNV = 120-277V ²	DB = Dark Bronze BK = Black

¹ LM must be UNS. ² L1 & L2 must be UNV. ³ 3000K and 5000K require additional lead time. Consult factory for details. ⁴ LM Must be N4. L1 & L2 must be N6.

Dimensions

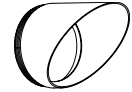


Mini (LM)
EPA 0.10 ft² (0.009 m²)
Weight 2.2 lbs (1.0 kg)

Large (L1 & L2)
EPA 0.33 ft² (0.03 m²)
Weight 4.3 lbs (2.0 kg)

Accessories (Ordered separately)

VRK-L1L2-VISOR-DB
 Visor accessory for L1 & L2, dark bronze. Field Installed.
VRK-L1L2-VISOR-BK
 Visor accessory for L1 & L2, black. Field Installed.
1708-001
 25° optic for 15W and 20W bullet flood.



Performance Data

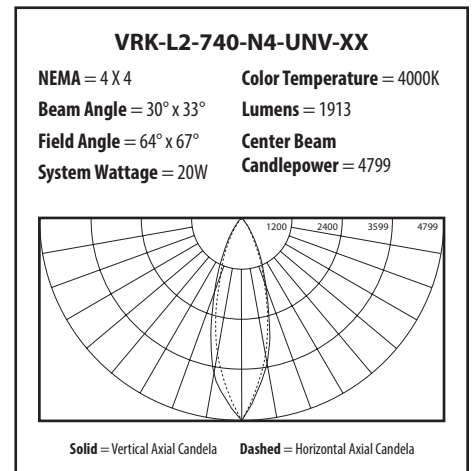
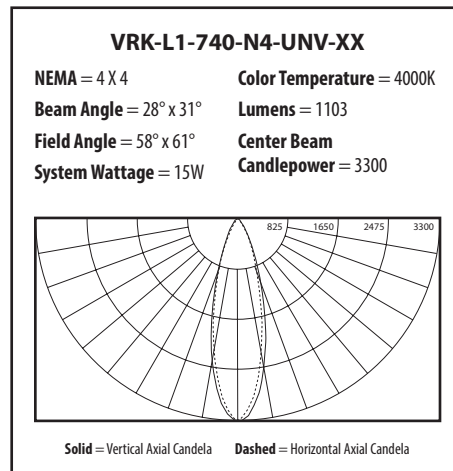
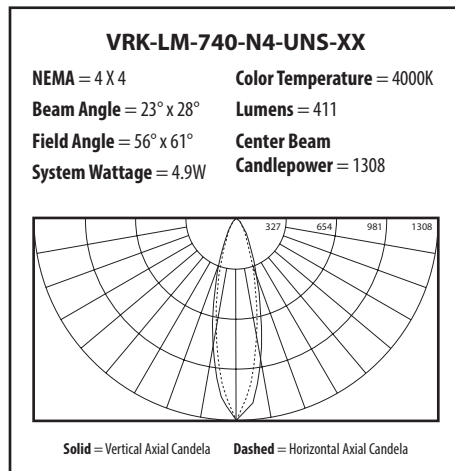
Wattage Summary

Model	LED Qty	Drive Current	Luminaire Wattage	Average Lumens	Lumen Maintenance (L70 at 25°C)	Lumen Maintenance (L70 at 40°C)
LM	4	320 mA	5	400	>36,000 hrs.	>36,000 hrs.
L1	9	480 mA	15	1000	>60,000 hrs.	>36,000 hrs.
L2	9	700 mA	20	1900	>60,000 hrs.	>36,000 hrs.

Ambient Data

Ambient Temperature	Lumen Multiplier
15°C	1.02
25°C	1.00
40°C	0.98

Photometric Data



- Product specifications subject to change or product may be discontinued without notice.
- Data shown is typical and based on laboratory conditions. Actual performance in specific applications may vary.
- Results may vary from test due to power, ambient conditions and individual component performance variations.
- Data is provided to estimate typical performance.

- Engineering estimates and data are based on initial absolute lumens.
- Lumen output may vary 10% due to LED manufacturer flux specification.
- Predicted performance calculated from LED manufacturer data and engineering estimates based on test methodologies of IESNA LM-80, LM-79 and TM-21.

- L70 Hours is the predicted time when LED performance depreciates to 70% of initial lumen output.
- EYE Lighting reserves the right to change materials or modify the design of its product without notification.
- Consult factory for lead time and availability.
- Other modes of failure could occur after the 60,000 hour period
- Reference photometric data sheet for lumen levels based on color temperature and distribution type

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