



Perfect for use on boats, marinas, in coastal areas and around salt water. When used with the VX1BR junction box, the LFLED Brass is UL approved for marine applications. Sturdy brass construction keeps water out and stands up well to corrosive salt water conditions.

Color: Brass

Weight: 2.0 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	0.1A
208V	0.06A
240V	0.05A
277V	N/A
Input Watts	5.10W
Efficiency	98%

LED Info

Watts	5.00W
Color Temp	3000K (Warm)
Color Accuracy	86 CRI
L70 Lifespan	100,000
Lumens	208
Efficacy	40.8 LPW

Technical Specifications

Listings

UL Listing:

Marine Listed Outside Type (Saltwater)

IESNA LM-79 & IESNA LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

LED Characteristics

Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

LED:

5 Watt high output, long-life LED

Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5-year period

Color Temperature (Nominal CCT):

3000K

Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2017.

Optical

Spot Lens:

Optional spot lens enables a tool-less conversion to a NEMA Type 3H x 3V. Great for accent lighting or grazing buildings for an artistic touch. Spot reflector kit available [here](#).

NEMA Type:

NEMA Beam Spread of 4H x 4V

Construction

Lens:

Microprismatic diffusion lens for smooth and even light distribution

Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

Maximum Ambient Temperature:

Suitable for use in 40°C (104°F)

Housing:

Precision die cast brass housing

Gaskets:

High-temperature Silicone

Finish:

Not clear coated so it will naturally patina over time

Green Technology:

Mercury and UV free. RoHS-compliant components.

Other

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Patents:

The design of the LFLED is protected by Taiwan Patent 01510966 and pending patents in US, Canada, China, and Mexico

Technical Specifications (continued)

Other

Equivalency:

Equivalent to 35W MR16

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Electrical

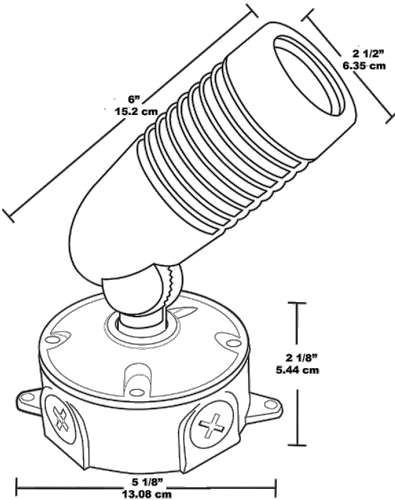
Driver:

Constant Current, Class 2, 100-240V, 50-60Hz, 100-240VAC 0.18A.

THD:

11.2% at 120V, 16.1% at 277V

Dimensions



Features

- Reduces energy consumption by 87%
- Brass fixture combined with brass junction box is UL Marine Listed
- Optional spot hood reflector available
- Microprismatic lens diffuses light to produce a smooth, glare-free effect
- 100% non-rusting, non-corroding brass will naturally patina over time
- 100,000-hour LED lifespan
- 5-Year, No-Compromise Warranty

Ordering Matrix

Family	Wattage	Color Temp	Finish
LFLED	5	Y	MBR
5 = 5W Blank = 5000K (Cool) Y = 3000K (Warm) BR = Brass N = 4000K (Neutral) MBR = Brass Marine-Listed			