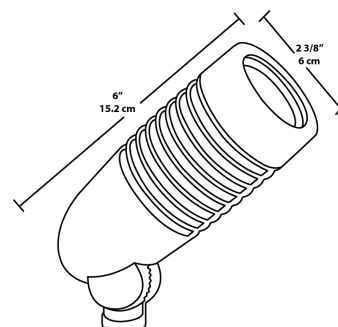


LFLED5NB RCL

Compact 5 Watt LED floodlight perfectly suited for small-scale landscape lighting applications. 85% more energy efficient than its 35 Watt MR16 equivalent. Specialized microprismatic lens delivers even and consistent light. Utilizes line voltage (120V-240V).

Color: Black

Weight: 1.5 lbs



LED Info

Watts: 5W
Color Temp: 4000K (Neutral)
Color Accuracy: 90
L70 Lifespan: 100000
LM79 Lumens: 208
Efficacy: 41 LPW

Driver Info

Type: Constant Current
120V: 0.1A
208V: 0.06A
240V: 0.05A
277V: N/A
Input Watts: 5W
Efficiency: 99%

Technical Specifications

cUL Listing:

Suitable for wet locations. Suitable for mounting within 1.2m (4ft) of the ground.

Lifespan:

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

LED:

5 Watt high output, long-life LED.

Lens:

Microprismatic diffusion lens for smooth and even light distribution.

Driver:

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

Fixture Efficacy:

41 Lumens per Watt

NEMA Type:

4H x 4V

Cold Weather Starting:

Minimum starting temperature is -40°F/-40°C.

Ambient Temperature:

Suitable for use in 40°C (104°F) ambient temperatures.

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 Accuracy:

90 CRI

Color Temperature (Nominal CCT):

4000K

Color Uniformity:

RC's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2008.

Equivalency:

The LFLED5 is equivalent in delivered lumens to a 35W MR16.

Thermal Management:

Optimized using computational fluid dynamics software to ensure long LED and driver lifespan.

Housing:

Precision die-cast aluminum housing, hood and mounting arm.

Gaskets:

High Temperature Silicone.

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

Warranty:

RC 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. See our full warranty .

Green Technology:

Mercury and UV free, and RoHS compliant.

IESNA LM-79 & IESNA LM-80 Testing:

RC LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy "Lighting Facts" label.

Patents:

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