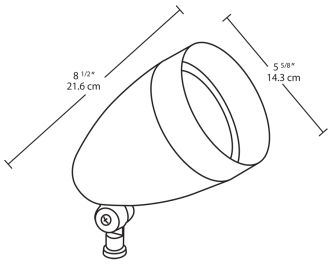
HBLED13A RCL

Bullet shape die cast aluminum flood with 13 Watt LED Light Engine. Comes with flood reflector installed. Optional spot reflector included for field installation.

Color: Bronze

Weight: 3.5 lbs



LED Info

Watts:	13W
Color Temp:	5000K (Cool)
Color Accuracy:	69
L70 Lifespan:	100000
LM79 Lumens:	724
Efficacy:	47 LPW

Driver Info

Type:	Constant Current
120V:	0.13A
208V:	0.08A
240V:	0.07A
277V:	0.06A
Input Watts:	15W
Efficiency:	85%

Technical Specifications

cUL Listing:
Suitable for wet locations. Suitable for ground mounting.

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

Thermal Management:
Cast aluminum patent pending Thermal Management system for optimal heat sinking. The LFLOOD is designed for cool operation, most efficient output and maximum LED life by minimizing LED junction temperature.

Swivels:
fully adjustable with sure-grip locks. 1/2" NPS threaded arm with serrated locking swivel fits all standard mounting covers. Color matched EZ Grip lock nuts. Stainless steel screw.

Housing:
Precision die cast aluminum housing.

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.

Lumen Maintenance:
The LED will deliver 70% of its initial lumens at 100,000 hours of operation.

Green Technology:
RC LEDs are Mercury, Arsenic and UV free.

California Title 24:
HBLED13 complies with 2013 California Title 24 building and electrical codes as a commercial outdoor non-pole-mounted fixture < 30 Watts when used with a photosensor control. Select catalog number PCS900(120V) or PCS900/277 to order a photosensor.

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.

Color Consistency:
7-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 Uniformity:
RC's range of CCT (Correlated color temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2008.

Equivalency:
The HBLED13 is Equivalent in delivered lumens to a 90W PAR Floodlight.

Cold Weather Starting:
The minimum starting temperature is -40°F/-40°C.

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

Reflectors:
NEMA 5x5 floodlight reflector with 4x4 optional spotlight reflector for field installation. Photometrics show flood configuration.

LFLOOD 13W:
LED Floodlight that reduces energy consumption by 85% compared to 100W PAR38. Spot and Flood beam patterns. Recommended for Residential and Commercial applications.

Fixture Efficacy:
47 Lumens per Watt

Color Temperature:
5000K

Color Accuracy:
69 CRI

Driver:
Multi-chip 13W high output long life LED Driver Constant Current, 100V - 277V, 50/60 Hz.

THD:
11.04% at 120V

Surge Protection:
4KV

Patents:
LFLOOD thermal Management technology is protected under utility patents pending in the U.S., Canada and China.

HID Replacement Range:
The HBLED13 can be used to replace 90-100W PAR Floodlights based on delivered lumens.