## HBLED18NW/D10





Bullet shape die cast aluminum flood with 18 Watt LED Light Engine. Comes with flood reflector installed.

Color: White Weight: 4.8 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info		
Type:	Constant Current	Watts:	18W	
120V:	0.17A	Color Temp:	4000K	
208V:	0.11A	Color Accuracy:	82 CRI	
240V:	0.10A	L70 Lifespan:	100000	
277V:	0.09A	Lumens:	1,733	
Input Watts:	20W	Efficacy:	88 LPW	
Efficiency:	91%			

## **Technical Specifications**

#### Listings

#### **UL Listing:**

Suitable for wet locations. Suitable for ground mounting.

## IESNA LM-79 & LM-80 Testing:

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

## **Electrical**

## Driver:

Constant Current, 500mA, Class 2 120-277V with 4kV surge protection, 120V: 0.17A, 208V: 0.11A, 240V: 0.10A, 277V: 0.09A, 50/60Hz THD < 20%, Power Factor: 99.4%

## THD:

9.9% at 120V

## **Dimming Driver:**

Driver includes dimming control for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

## Optical

## **NEMA Type:**

NEMA Beam Spread of 5H x 5V

## **LED Characteristics**

## LEDs:

Multi-chip, high-output, long-life LEDs

### Color Stability:

RAB LEDs exceed industry standards for chromatic stability.

#### **Color Uniformity:**

RAB'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 C78.377-2011.

#### Construction

## **Cold Weather Starting:**

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

## **Thermal Management:**

Superior heat sinking with external Air-Flow fins

## Housing:

Precision die-cast aluminum housing, lens frame and mounting arm.

### Reflector:

Semi-specular, vacuum-metalized polycarbonate

### Mounting:

Heavy-duty mounting arm with "O" ring seal & stainless steel screws.

### Gaskets:

High-temperature silicone gaskets

## Finish:

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

### Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

## Other

#### **Country of Origin:**

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

## **Buy American Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

## Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

## **Trade Agreements Act Compliant:**

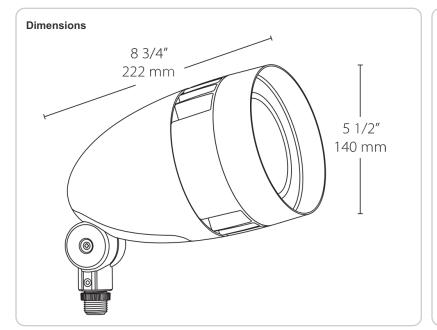
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

## **GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.

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## Features

80% energy savings vs. PAR floods

Mount on junction box or on RAB Mighty Post

Patent-pending Air-Flow technology

5-year warranty

Ordering Matrix			
Family	Watts	Finish	Dimming
HBLED			
	<b>18</b> = 18W	A = Bronze	Blank = No Dimming
		<b>B</b> = Black	/D10 = Dimmable
		VG = Verde Green	
		<b>W</b> = White	