HSLED18YW

RAB LIGHTING

Project:		**Type:**	
Prepared By:		**Date:**	

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

Color: White   Weight: 4.6 lbs

Driver Info
Type:	Constant Current
120V:	0.17A
208V:	0.11A
240V:	0.10A
277V:	0.09A
Input Watts:	20W
Efficiency:	92%

LED Info
Watts:	18W
Color Temp:	3000K
Color Accuracy:	82 CRI
L70 Lifespan:	100000
Lumens:	1,560
Efficacy:	80 LPW

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.

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.
DLC Product Code: PFQJF12S2

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%

THD:

10.3% at 120V

Optical

NEMA Type:

NEMA Beam Spread of 3H x 3V

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:

The minimum starting temperature is -40°C/-40°F

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

California Title 24:

HSLED18 comply 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 PCS1900/277 (277V) to order a photosensor.

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).
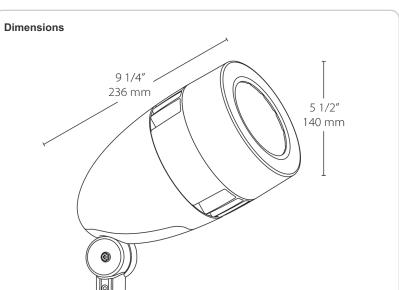
Trade Agreements Act Compliant:

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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Dimensions

9 1/4"
236 mm

5 1/2"
140 mm

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
HSLED			
	18 = 18W	**A** = Bronze	**Blank** = No Dimming
		B = Black	**/D10** = Dimmable
		VG = Verde Green	
		W = White	