HSLED18NB/D10

RAB



Project: Prepared By:		Type: Date:		
Driver Info		LED Info		
Type	Constant Current	Watts	18W	
120V	0.17A	Color Temp	4000K (Neutral)	
208V	0.09A	Color Accuracy	73 CRI	
240V	0.08A	L70 Lifespan	100,000 Hours	
277V	0.06A	Lumens	2,234 lm	
Input Watts	19.7W	Efficacy	113.4 lm/W	

Technical Specifications

Compliance

UL Listed: Suitable for wet locations. Suitable for ground mounting.

Optical

NEMA Type:

NEMA Beam Spread of 4H x 4V

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 Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

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 1/2" thread 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

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 <u>rablighting.com/warranty</u>.

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, 120-277V with 4kV surge protection, 120V: 0.17A, 208V: 0.09A, 240V: 0.08A, 277V: 0.06A

THD:

9.34% at 120V, 9.85% at 277V

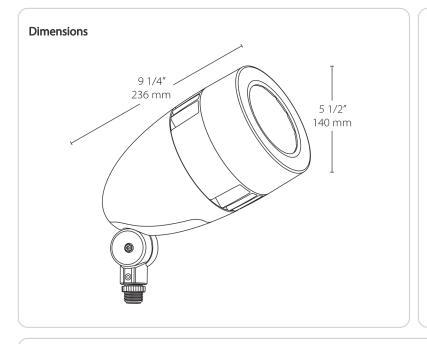
Power Factor:

99.1% at 120V, 91.6% at 277V

HSLED18NB/D10

Ordering Matrix





Features

Spot lighting for over 40 feet away

Perfect for flag lighting

NEMA type - 4H x 4V

Available in four colors

100,000-hour life based on LM-80 results and TM-21 calculations

5-Year, No-Compromise Warranty

