

Technical Specifications (continued)

LED Characteristics

Color Stability:

LED color temperature is warranted to shift no more than 200K in color temperature over a 5-year period

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.

Performance

Lifespan:

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

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 rablighting.com/warranty.

Equivalency:

Equivalent to 250W Metal Halide

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, Class 2, 100 - 277V and 480V, 50/60 Hz, 120V: 0.59A, 208V: 0.37A, 240V: 0.32A, 277V: 0.27A, 480V: 0.15A, surge protection 4kV, THD ≤ 20%, pF 90%

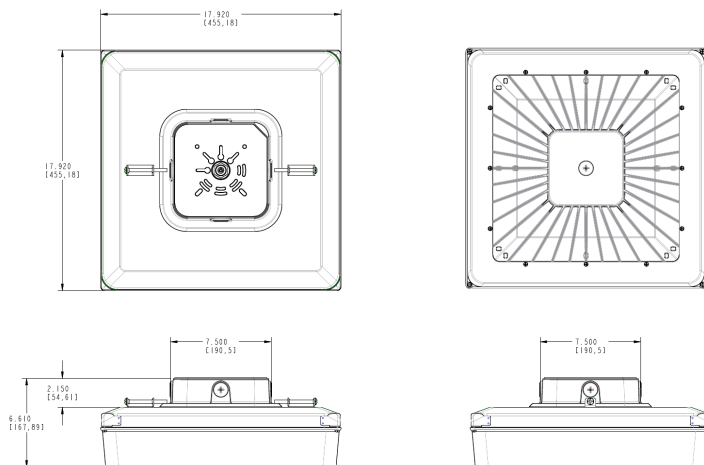
THD:

5.1% at 120V, 15.6% at 277V

Power Factor:

99.4% at 120V, 92.3% at 277V

Dimensions



Features

- Ultra-high efficiency
- Pendant or surface mount
- Low glare, vandal-resistant polycarbonate lens
- 20% uplight eliminates "cave effect"
- 100,000-Hour LED lifespan
- 5-Year, No-Compromise Warranty

Ordering Matrix

Family	Wattage	Color Temp	Finish	Driver Options	Sensor Options	Other Options
PRT	70	Y	W			
	30 = 30W (14" x 14") 42 = 42W (14" x 14") 55 = 55W (14" x 14") 70 = 70W (18" x 18") 80 = 80W (18" x 18") 105 = 105W (18" x 18")	Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm)	Blank = Bronze W = White	Blank = 120-277V On/Off /480 = 480V On/Off /D10 = 120-277V w/ 0-10V Dimming /480/D10 = 480V w/ 0-10V Dimming /E2 = Battery Backup /D10/E2 = 0-10V Dimming w/ Battery Backup	Blank = No Option /WS = Multi-Level Motion Sensor for 14" ¹ /WS2 = Multi-Level Motion Sensor for 18" ¹ /PCS = 120V Swivel Photocell /PCS2 = 277V Swivel Photocell /PCS4 = 480V Swivel Photocell /LC = Lightcloud® Controller /LCS = Lightcloud® Sensor	Blank = Standard USA = BAA Compliant

¹ Only available for 120-277V with 0-10V dimming driver.