



Flush mount canopy fixture ideal for vehicle service and fueling stations as a retrofit or new construction installation. 20" x 20" models offered in two power packages with an equivalency range from 320W to 400W Metal Halide. Also available in 16" x 16" models with three power packages.

Color: White

Weight: 33.7 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	1.76A
208V	1.077A
240V	0.933A
277V	0.809A
Input Watts	212.2W

LED Info

Watts	200W
Color Temp	4000K (Neutral)
Color Accuracy	72 CRI
L70 Lifespan	100,000 Hours
Lumens	29,172
Efficacy	137.5 lm/W

Technical Specifications

Compliance

UL Listed:

Suitable for wet locations

IESNA LM-79 & IESNA LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

Dark Sky Conformance:

Conforms to (allows for conformance to) the IDA's fully shielding requirement, emitting no light above 90 degrees (with the exclusion of incidental light reflecting from fixture housing, mounts, and pole).

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities.
DLC Product Code: PK95K1W7

Optical

BUG Rating:

B4 U0 G2

Construction

IP Rating:

Ingress protection rating of IP66 for dust and water

Maximum Ambient Temperature:

Suitable for use in up to 40°C (104°F)

Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

Housing:

Die-cast aluminum with stainless steel cover

Mounting:

Semi-recessed construction. Junction box with four (4) 1/2" NPS conduit openings.

Gaskets:

High-temperature silicone gaskets

Retroplate:

An optional retroplate allows for installation in openings from 4 to 6.5 inches in diameter. Additional retrofit options are available upon request to replace virtually any existing fixture. Please contact RAB Customer Service 1-888-722-1000.

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.

Technical Specifications (continued)

Performance

Lifespan:

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

LED Characteristics

LEDs:

Long-life, high-efficacy, surface-mount LEDs

Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

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.

Electrical

Driver:

Constant Current, Class 2 100V - 277V, 50/60 Hz. THD <20%. PF >0.90, 450mA

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:

4.7% at 120V, 11.7% at 277V

Power Factor:

99.9% at 120V, 94.4% at 277V

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.

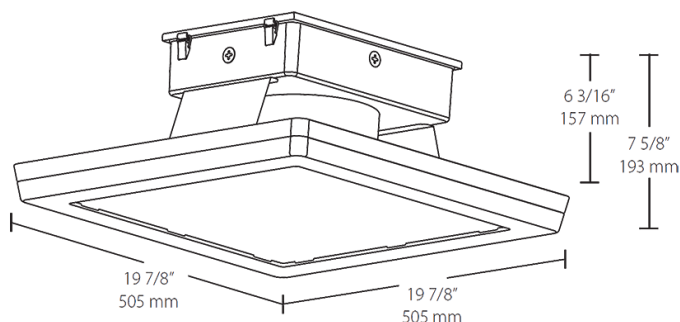
Equivalency:

Equivalent to 750W 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.

Dimensions



Features

- All 120-277V models DLC Premium listed, qualifying for highest available utility rebates
- Premium performance, ultra-high efficiency for fastest payback
- Easily installs in 4" openings and replaces most existing fixtures
- Retroplate accessory available for openings larger than 4"
- Water-resistant junction box and drain-off slots
- 5-Year, No-Compromise Warranty

Ordering Matrix

Family	Size		Wattage	Color Temp	Finish	Driver Options
MASI	20	–	200	N	W	/D10
16 = 16" x 16"			52 = 52W 80 = 80W 100 = 100W 160 = 160W 200 = 200W	Blank = 5000K Cool N = 4000K Neutral Y = 3000K Warm	W = White	/D10 = 120-277V w/ 0-10V Dimming /480 = 480V On/Off Driver