MASI20-160W/D10



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		LED Info	
Type:	Constant Current	Watts:	160W
120V:	1.32A	Color Temp:	5000K
208V:	0.787A	Color Accuracy:	75 CRI
240V:	0.682A	L70 Lifespan:	100000
277V:	0.591A	Lumens:	22632
Input Watts:	157W	Efficacy:	144 LPW
Efficiency:	N/A		

Technical Specifications

Listings

UL Listing:

Suitable for wet locations.

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: PRB7W7ZX

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, Class 2 100V - 277V, 50/60 Hz. THD <20%. PF >0.90, 700mA

Dimming Driver:

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

THD:

5.6% at 120V, 11.6% at 277V

Power Factor:

99.6% at 120V, 96.4% at 277V

Optical

BUG Rating:

B4 U0 G2

Construction

IP Rating:

Ingress Protection rating of IP66 for dust and water

Maximum Ambient Temperature:

SuitableFor use in 40°C (104°F) ambient temperatures

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.

Lens:

Tempered glass

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, 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.

LED Characteristics

Lifespan:

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

LEDs:

Long-life, high-efficiency surface mounting 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 CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2015.

Other

California Title 24:

This MASI model complies with 2013 California Title 24 building and electrical codes as an outdoor non-pole mounted fixture > 30 Watts when used with a RAB Stealth dimmer or a dimming control provided by others.

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.

Equivalency:

Replaces 320W Metal Halide.

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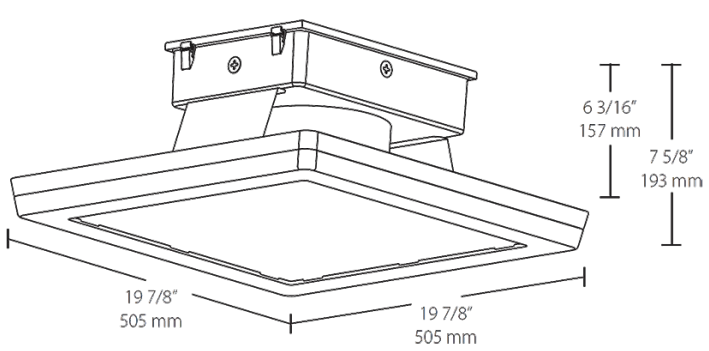
Technical Specifications (continued)

Other

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 bumper-to-bumper warranty

Ordering Matrix

Family	Size	Watts	Color Temp	Finish	Dimming	Voltage
MASI						
	20 = 20" x 20"	**160** = 160W **200** = 200W	**Blank** = 5000K (Cool) **Y** = 3000K (Warm) **N** = 4000K (Neutral)	**W** = White	**Blank** = No Dimming **/D10** = Dimmable	**Blank** = 120-277V **/480** = 480V

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