VANLED20MSW

RAB LIGHTING

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

Low-profile vandal-resistant fixture covers the footprint of most traditional canopy lights. Available in flat or drop lens with photo and motion sensor controls.

Color: White   Weight: 12.0 lbs

Driver Info
Type:	Constant Current
120V:	0.30A
208V:	N/A
240V:	N/A
277V:	N/A
Input Watts:	22W
Efficiency:	92%

LED Info
Watts:	20W
Color Temp:	5000K (Cool)
Color Accuracy:	74 CRI
L70 Lifespan:	100,000
Lumens:	2,352
Efficacy:	108 LPW

Technical Specifications

Listings

UL Listing:

Suitable for wet locations.

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:

Class 2, Constant Current, 100-277V, 50-60Hz, 500mA

THD:

6.1% at 120V, 10.1% at 277V

Construction

Ambient Temperature:

Suitable for use in 40°C (104°F) ambient temperatures.

Cold Weather Starting:

Minimum starting temperature is -40°F/-40°C

Housing:

Die-cast aluminum housing and lens frame with (4) 1/2" NPS side conduit entries and weatherproof rear wire plug and access plate

Mounting:

Ceiling mount to recessed junction with knockout template or directy to ceiling surface, utilizing side conduit entry points.

IP Rating:

Ingress Protection rating of IP66 for dust and water.

Lens:

Vandal-resistant polycarbonate textured opaque for low glare drop lens

Reflector:

Semi-specular, vacuum-metalized polycarbonate

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, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

LED Characteristics

LEDs:

Discreet LEDs on PCB board

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.

Other

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.

VANLED with Mini Sensor:

120V Mini Sensor Included. Sensor is only compatible with 120V.

California Title 24:

VANLED models equipped with a mini sensor comply with 2013 California Title 24 building and electrical codes as a commerical outdoor non-pole mounted fixture <30 Watts.

Replacement:

The VANLED 20W replaces up to 70W Metal Halide.

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RAB
LIGHTING

Dimensions

12″
305 mm

4 3/4″
121 mm

12″
305 mm

Features

Fits the footprint of older canopy lights

Vandal resistant and UV resistant lens

Ultra-high efficiency

Clean, contemporary, low-profile design

Available with drop lens or flat lens

IP66 rated, keeps dust, bugs and water out

Photo and motion sensor options available

Ordering Matrix

Family	Watts	Color Temp	Lens	Sensor	Finish	Dimming	Voltage	Photocell
VANLED								
	10 = 10W	**Blank** = Cool	**Blank** = Drop lens	**Blank** = No Sensor	**Blank** = Bronze	**Blank** = No Dimming	**Blank** = 120-277V	**Blank** = No Photocell
	20 = 20W	**Y** = Warm	**F** = Flat lens	**MS** = Mini Sensor	**W** = White	**/D10** = Dimmable (10W & 20W not available)	**/480** = 480V (10W & 20W not available)	**/PCS** = 120V Swivel
	40 = 40W	**N** = Neutral						**/PCS2** = 277V Swivel
	52 = 52W							**/PCS4** = 480V Swivel
	65 = 65W							
	75 = 75W							