VANLED20/D10

RAB LIGHTING

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

Driver Info

Type:	Constant Current
120V:	0.30A
208V:	0.20A
240V:	0.17A
277V:	0.15A
Input Watts:	22W
Efficiency:	92%

LED Info

Watts:	20W
Color Temp:	5000K
Color Accuracy:	74 CRI
L70 Lifespan:	100000
Lumens:	2,352
Efficacy:	108 LPW

Low-profile vandal-resistant fixture covers the footprint of most traditional canopy lights. Available in flat or drop lens.

Color: Bronze   Weight: 12.0 lbs

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.

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.
DLC Product Code: P1G3V79M

Electrical

Driver:

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

THD:

6.1% at 120V, 10.1% at 277V

Dimming Driver:

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

Construction

Maximum 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. RoHS compliant components. 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

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. See our full warranty .

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.

California Title 24:

See VANLED20/PCS, VANLED20/PCS2 or VANLED20MS for a 2013 California Title 24 compliant model.
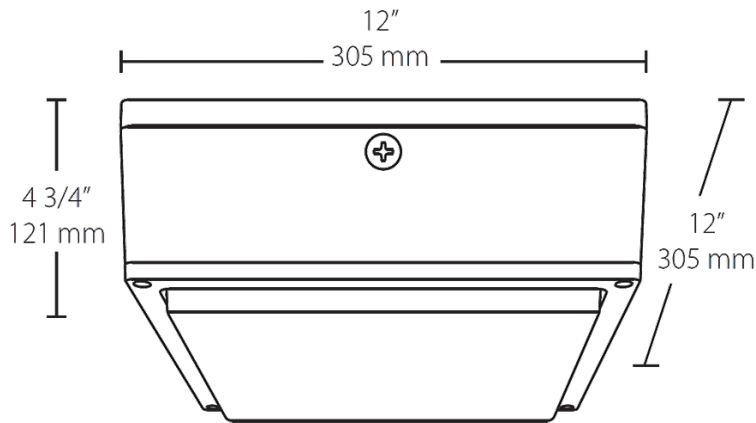
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Technical Specifications (continued)

Other

Replacement:

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

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	Finish	Voltage	Dimming
VANLED						
	10 = 10W	**Blank** = 5000K (Cool)	**Blank** = Drop lens	**Blank** = Bronze	**Blank** = 120-277V	**Blank** = No Dimming
	20 = 20W		**F** = Flat lens	**W** = White	**/480** = 480V (10W & 20W not available)	**/D10** = Dimmable (10W & 20W not available)
	40 = 40W	**Y** = 3000K (Warm)				
	52 = 52W	**N** = 4000K (Neutral)				
	65 = 65W					
	75 = 75W					

Need help? Tech help line: **(888) RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

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