

Replace old canopy fixtures with
low-profile, energy-saving LED.

VANLED™



3233 W Hunting Park Avenue, Philadelphia PA 19132-1845
(800) 79-ROYAL (215) 221-1200 fax (215) 221-1201
advisors@royalelectric.com www.royalelectric.com

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24/7 Emergency Material Access

RAB®
LIGHTING
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Vandal-resistant canopy light

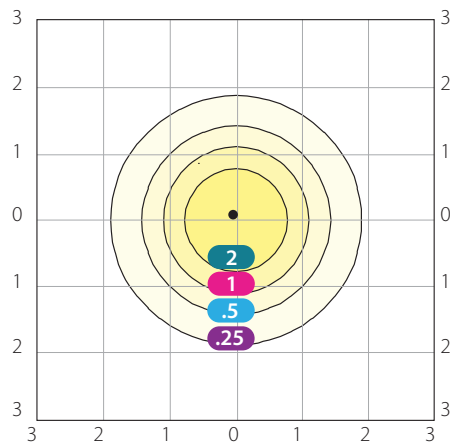
- 6 power packages with a replacement range of 50W to 200W
- Low-profile design covers traditional canopy footprints
- Ultra-high efficiency up to 122 lm/W
- Available with flat lens or drop lens
- Replace surface or recess-mounted fixtures
- Durable polycarbonate lens is vandal and UV resistant
- 100,000-Hour LED lifespan



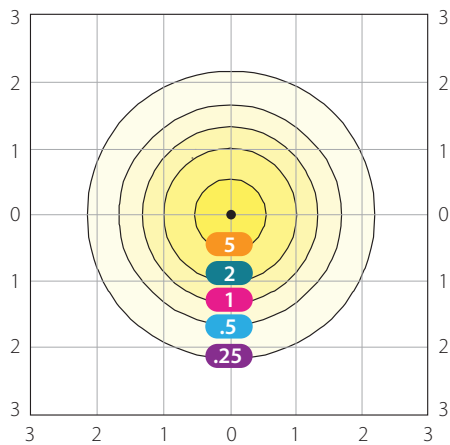
20W, 40W and 52W VANLEDs are DLC listed, except 480V models.

Photometrics

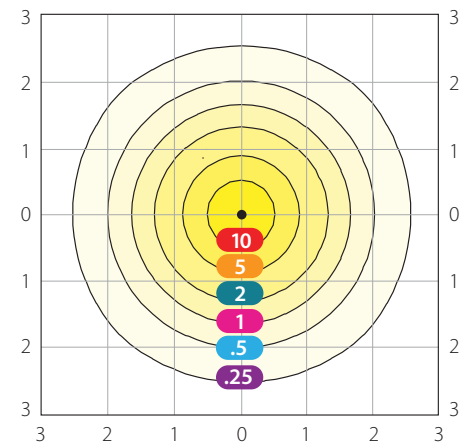
VANLED 10W - 10 ft mounting height
Photometric Report #ITL83959



VANLED 20W - 10 ft mounting height
Photometric Report #ITL83965



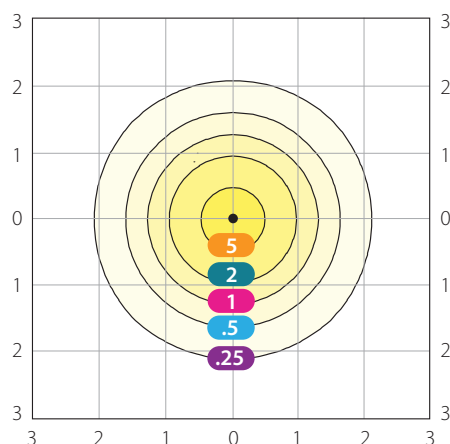
VANLED 40W - 10 ft mounting height
Photometric Report #ITL83971



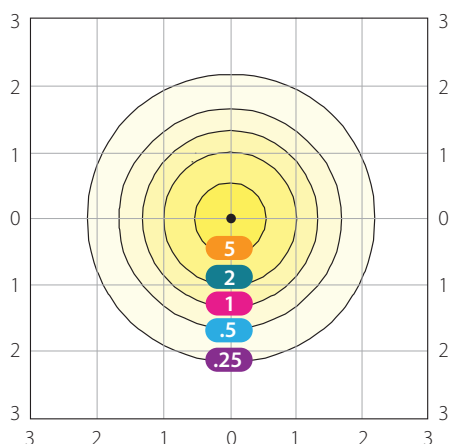
Mounting Height	8	9	10	11	12
Multiplier	1.6	1.2	1.0	0.8	0.7

Grid scales: Multiples of mounting height
Values shown in footcandles

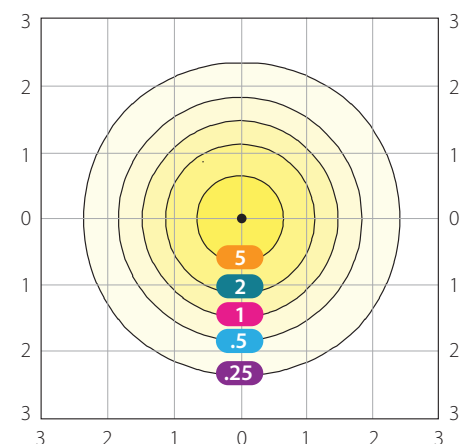
VANLED 52W - 16 ft mounting height
Photometric Report #ITL83977



VANLED 65W - 16 ft mounting height
Photometric Report #ITL84713



VANLED 75W - 16 ft mounting height
Photometric Report #ITL84719



Mounting Height	12	14	16	18	20
Multiplier	1.8	1.3	1.0	0.8	0.6

Grid scales: Multiples of mounting height
Values shown in footcandles

VANLED™ Specifications

UL Listing: Suitable for wet locations

LEDs: Long-life, high-efficiency surface mount LEDs

Drivers:

10W: Class 2, Constant Current, 100-277V, 50-60Hz, 120V: 0.30A, 208V: 0.20A, 240V: 0.17A, 277V: 0.15A, 280mA

20W: Class 2, Constant Current, 100-277V, 50-60Hz, 120V: 0.30A, 208V: 0.20A, 240V: 0.17A, 277V: 0.15A, 500mA

40W: Class 2, Constant Current, 100-277V and 480V, 50-60Hz, 120V: 0.60A, 208V: 0.19A, 240V: 0.17A, 277V: 0.14A, 1050mA

52W: Class 2, Constant Current, 100-277V and 480V, 50-60Hz, 120V: 0.80A, 208V: 0.26A, 240V: 0.23A, 277V: 0.20A, 1400mA

65W: Class 2, 100-277V, 50-60Hz, 120V: 0.64A, 208V: 0.40A, 240V: 0.35A, 277V: 0.30A, 1650mA

75W: Class 2, 100-277V, 50-60Hz, 120V: 0.85A, 208V: 0.53A, 240V: 0.46A, 277V: 0.40A, 1980mA

IP Rating: IP66, protected against dust and water ingress

Nominal Watts @120V	10W	20W	40W	52W	65W	75W
Color Temperature (CCT)	5000K	5000K	5000K	5000K	5000K	5000K
Input Watts*	12	21	38	51	62	76
Output Lumens*	1462	2366	4475	5494	6054	6818
HID Replacement*	50W	70W	100W	150W	175W	200W
Lumens Per Watt*	122	112	117	107	98	90
Color Accuracy (CRI)*	74	74	74	75	75	75

Dimming: On/off driver or 0-10V dimming available for 20, 40 and 52W models

Cold Weather Starting: The minimum starting temperature is -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

Reflector: Semi-specular, vacuum-metalized polycarbonate

Lens: Vandal-resistant polycarbonate textured opaque for low glare

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

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.

Color Stability: LED color temperature warranted not to shift more than 200K in CCT in 5 years

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.

Green Technology: Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

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.

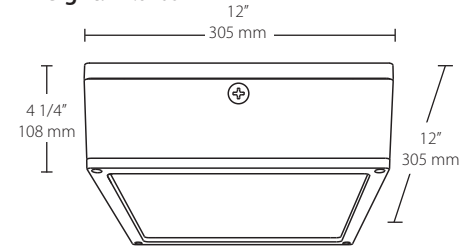
California Title 24: 10 and 20 Watt VANLED models equipped with a swivel photocell or mini-sensor comply with 2013 California Title 24 building and electrical codes as a commercial outdoor non-pole-mounted fixture <30 Watts.

* Values shown for 5000K temperature only, with a drop lens. Visit rabweb.com for 4000K and 3000K performance, as well as flat lens performance.

Dimensions and weight

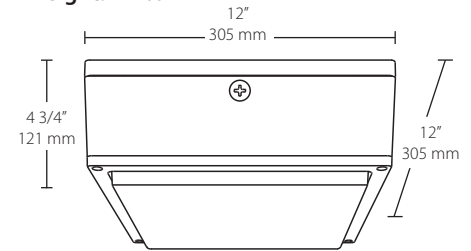
Flat Lens

Weight: 11.8 lbs



Drop Lens

Weight: 12 lbs

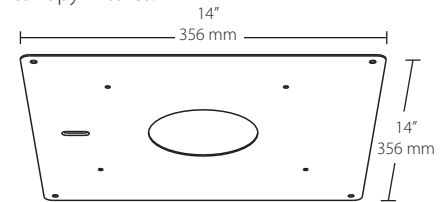


Accessories

VANLED RETROPLATE (Bronze)

VANLED RETROPLATE (White)

Mounting plate used to retrofit recessed canopy fixtures.



Ordering information

Product Family	Wattage	Color Temp	Lens	Motion Sensor & Finish	Driver Options	Photocell Options																																												
VANLED	<table border="1"> <tr><td>10</td><td>10W</td></tr> <tr><td>20</td><td>20W</td></tr> <tr><td>40</td><td>40W</td></tr> <tr><td>52</td><td>52W</td></tr> <tr><td>65</td><td>65W</td></tr> <tr><td>75</td><td>75W</td></tr> </table>	10	10W	20	20W	40	40W	52	52W	65	65W	75	75W	<table border="1"> <tr><td>Blank</td><td>5000K</td></tr> <tr><td>N</td><td>4000K</td></tr> <tr><td>Y</td><td>3000K</td></tr> </table>	Blank	5000K	N	4000K	Y	3000K	<table border="1"> <tr><td>Blank</td><td>Drop Lens</td></tr> <tr><td>F</td><td>Flat Lens</td></tr> </table>	Blank	Drop Lens	F	Flat Lens	<table border="1"> <tr><td>Blank</td><td>Bronze, no sensor</td></tr> <tr><td>W</td><td>White, no sensor</td></tr> <tr><td>MS</td><td>Bronze w/SMS500 mini-sensor †</td></tr> <tr><td>MSW</td><td>White w/SMS500 mini-sensor †</td></tr> </table>	Blank	Bronze, no sensor	W	White, no sensor	MS	Bronze w/SMS500 mini-sensor †	MSW	White w/SMS500 mini-sensor †	<table border="1"> <tr><td>Blank</td><td>On/Off driver</td></tr> <tr><td>/D10</td><td>0-10V Dimming ††</td></tr> <tr><td>/480</td><td>480V †††</td></tr> <tr><td>/480/D10</td><td>480V w/0-10V dimming †*</td></tr> </table>	Blank	On/Off driver	/D10	0-10V Dimming ††	/480	480V †††	/480/D10	480V w/0-10V dimming †*	<table border="1"> <tr><td>/PCS</td><td>120V Swivel</td></tr> <tr><td>/PCS2</td><td>277V Swivel</td></tr> <tr><td>/PCS4</td><td>480V Swivel</td></tr> </table>	/PCS	120V Swivel	/PCS2	277V Swivel	/PCS4	480V Swivel
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† Mini-sensor not available with /D10 models, /480 models or models with swivel photocells.

†† 0-10V dimming not available for 10W models.

††† 480V not available for 10 or 20W models.

* 480V with 0-10V dimming not available for 10 or 20W models.

VANLED Canopy Light



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COMPANY**

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