CONTRACTOR LIGHTING & SUPPLY
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PROJECT
TYPE
CATALOG #

20-VTCR

HOUSING
- White Fiberglass housing with stainless steel latches.

ELECTRICAL
- Operating temperature (ambient): -40°C to 40°C (-40°F to 104°F).
- Universal 120-277V AC voltage (50-60Hz).
- 0-10VDC dimming.
- Input transient surge protection = 4kV.
- Power Factor > 0.90.
- Total Harmonic Distortion < 20%.

OPTICAL SYSTEM
- Efficacy up to 165 Lumens Per Watt.
- Field selectable 3500K, 4000K, and 5000K color temperatures.*
- Selectable output delivers from 9,723 to 13,855 nominal lumens, with 3 settings.*
- Long-life LEDs provide 173,000 hours of operation with at least 70% of initial lumen output (L70), and 52,000 hours with at least 90% of initial lumen output (L90).**
- Push in sensor ready. Remote control required for programming (Sensor and remote control sold separately).
- LED color maintenance < -0.0009 chromaticity shift (Δu'v') over the initial 6,000 hours of operation.
- Acrylic lens.
- Color Rendering Index > 80.

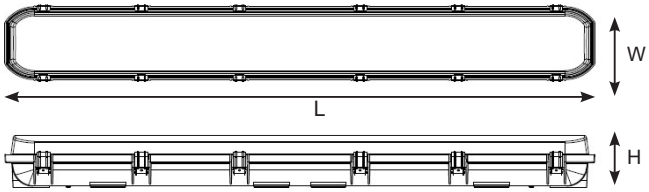
MOUNTING
- Surface mount brackets included.
- Optional cable mount kit provides luminaire suspension.

CODE COMPLIANCE
- cETLus listed for wet locations.
- Complies with FCC Part 15, Class A.
- IP69K rated for ingress protection.
- IK07 rated for impact protection.

WARRANTY
- 5-year warranty on all electronics and housing.

* Default kelvin temperature 4000k and highest lumen output.
**L70 & L90 hours are IES TM-21-11 calculated hours.





Model	Size (inches) & Weight (lbs)			
	L (in)	W (in)	H (in)	Weight
20-VTCR-14119L-3CCT	51.18	6.54	4.5	10.61

PRODUCT PARAMETERS

SERIES	NOMINAL LUMEN OUTPUT (SELECTABLE)	KELVIN (SELECTABLE)
20-VTCR	14119L = 14,000 / 11,000 / 9,000 lm	3CCT = 3500K / 4000K / 5000K

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ACCESSORIES (order separately)

Sensor

22-HD08VR-M-1	=	Microwave occupancy sensor - maximum mounting height = 13 FT, 0-10V step dim, RCA
22-ANT-1M-5T-BLE-GE	=	BlueZone™ Bluetooth® PANEL microwave occupancy sensor, 120-277V, 0-10V step dim, daylight threshold, maximum mounting height = 49 FT, RCA
22-HD05R	=	Remote for HD08VR-M-1 (Required to change factory settings)

Factory settings for Sensor : detection area =100%, hold time = 5 sec, stand-by period = 0 sec, stand-by dimming level = 10%, daylight threshold = disabled

Lens

ZZ-LENS-VTCR-4FT	=	Replacement Lens for 20-VTCR-14119L-3CCT

Mounting Option

20-CMK-3	=	3 Meter cable mount kit
20-CMK-5	=	5 Meter cable mount kit

COMPATIBLE DIMMERS & CONTROLS

Manufacturer	Model Number	Style	Dimmer Range	Load Switching Capacity
Best Lighting	DWS-010V-T	Toggle	10%-100%	600W
Best Lighting	DWS-010V-D	Decora	10%-100%	600W
Best Lighting	GPDMLV-02-3	Toggle	10%-100%	600W
Best Lighting	GPDMLV-12-3	Decora	10%-100%	600W
Leviton	IP710-LFZ	Toggle	10%-100%	1200W
Lutron	DVSTV	Decora	10%-100%	450W

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VAPOR TIGHT - CHEMICAL RESISTANT LUMEN & KELVIN SELECTABLE

LUMEN TABLE & ELECTRICAL DATA

Series	Measure-ments		14L Setting			11L Setting			9L Setting		
			3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
20-VTCR-14119L-3CCT	Lumens		13,251	13,855	13,507	11,616	12,144	11,908	9,723	10,128	9,998
	Watts		88.0	84.5	88.4	77.1	74.4	77.5	63.1	61.2	63.5
	Efficacy		151	164	153	151	163	154	154	166	158
	Input Current (A)	120V	0.73	0.70	0.74	0.64	0.62	0.65	0.53	0.51	0.53
		240V	0.37	0.35	0.37	0.32	0.31	0.32	0.26	0.25	0.26
		277V	0.32	0.31	0.32	0.28	0.27	0.28	0.23	0.22	0.23

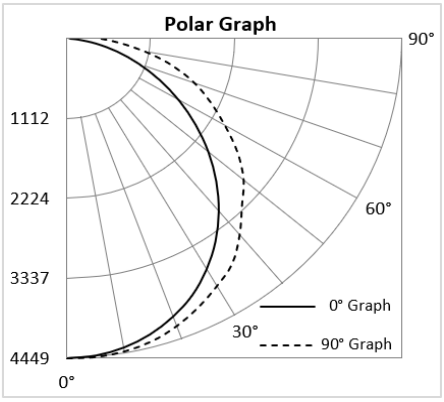
PHOTOMETRIC DATA

20-VTCR-14119L-3CCT

Luminaire Data	
Description	4' Vapor Tight Lumen and Kelvin Select
Total Lumens	13,855
Input Wattage	85
Efficacy (lm/W)	164
Spacing Criterion (0-180°)	1.24
Spacing Criterion (90-270°)	1.34

Photometrics generated @4000K and highest power output

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-20°	1,629	11.8%
0-30°	3,468	25.0%
0-40°	5,705	41.2%
20-50°	6,407	46.2%
40-70°	6,148	44.4%
0-60°	10,169	73.4%
0-80°	12,924	93.3%
0-90°	13,390	96.6%
90-180°	465	3.4%
0-180°	13,855	100.0%



DIMENSIONAL DRAWINGS

20-VTCR-14119L-3CCT

