Job Name:

Type:

Part #:

Notes:

HVTCR

Chemical Resistant, Lumen & Kelvin Selectable Vapor Tight

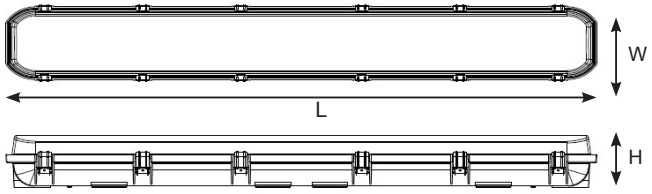


HOUSING: White Fiberglass housing with stainless steel latches.

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).**
- LED color maintenance < -0.0009 chromaticity shift (Δu'v') over the initial 6,000 hours of operation.
- Acrylic lens.
- Color Rendering Index > 80.

*Factory set to 4000K CCT & highest power setting.
**L70 and L90 are IES TM-21-11 calculated hours.



Model #	L (in)	W (in)	H (in)	Weight (lbs)
HVTCR-14119L-3CCT	51.18	6.54	4.5	10.61
HVTCR-14119L-3CCT-ODS	51.18	6.54	4.5	11.13

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.

ORDERING INFORMATION Example:

HVTCR-14119L-3CCT

Series	Nominal Lumen Output (Selectable)		Kelvin (Selectable)		Installed Sensor	
HVTCR	14119L	14,000 /11,000 / 9,000 lm	3CCT	3500K / 4000K / 5000K	ODS Blank	Microwave Sensor No Sensor

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Office: 267-982-2661
www.High5LED.com

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Job Name:

Type:

Part #:

Notes:

Accessories (Order Separately)

Lens:
ZZ-LENS-HVTCR-4FT: Replacement Lens for HVTCR-14119L-3CCT

Mounting Option:
CMK-3: Cable Mount Kit - 3 Meter
CMK-5: Cable Mount Kit - 5 Meter

COMPATIBLE DIMMERS AND 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

LUMEN TABLES & ELECTRICAL DATA

Series	Measure-ments		14L			11L			9L		
			3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
HVTCR-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

PHOTOMETRICS

HVTCR-14119L-3CCT

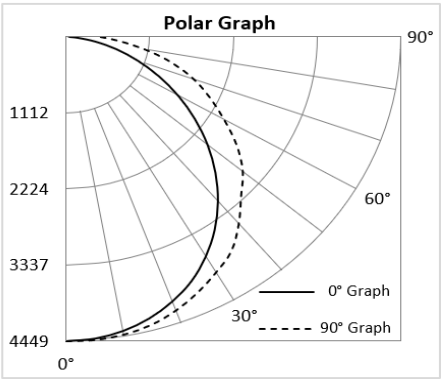
Luminaire Data

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%



2026.10

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