

# VTSR-765L-3CCT

Vapor Tight Sensor Ready  
Lumen & Kelvin Selectable



<b>Project:</b>	
<b>Type:</b>	
<b>Catalog #:</b>	



## STANDARDS



### HOUSING

- Light gray polycarbonate housing with stainless steel latches.

### ELECTRICAL

- Operating temperature (ambient): -40°C to 43°C (-40°F to 109°F).
- Universal 120-277V AC voltage (50-60Hz) is standard.
- 0-10VDC dimming drivers are standard.
- Emergency driver option available.
- Input transient surge protection = 2.5kV.
- Power factor > 0.90.
- Total Harmonic distortion < 20%.

### OPTICAL SYSTEM

- Polycarbonate lens.
- Field selectable 3500K (warm white), 4000K (neutral white) and 5000K (cool white) color temperatures\*.
- Tri-lumen selectable delivers 5,000 to 7,000 nominal lumens\*.
- Long-life LEDs provide 178,000 hours of operation with at least 70% of initial lumen output (L70), and 54,000 hours with at least 90% of initial lumen output (L90)\*\*.
- Sensor-ready receptacle standard.
- Screw in sensor ready. Remote control required for programming (Sensor and remote control sold separately).
- LED color maintenance < -0.0016 chromaticity shift ( $\Delta u'v'$ ) over the initial 6,000 hours of operation.
- Color rendering index > 80.

### MOUNTING

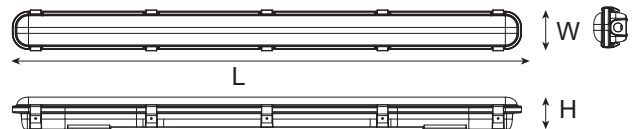
- Surface mount kit is standard and v-hooks included. (Chain sold separately.)
- Optional cable mount kit provides luminaire suspension.
- Easy installation in new construction or retrofit applications.

### CODE COMPLIANCE

- cULus listed for wet locations.
- DLC standard listed.
- Complies with FCC part 15, class A.
- IP65 rated for ingress protection.
- IK10 rated for impact protection.
- Complies with NEMA 4X.
- Optional Certification for NSF/ANSI 2 Food Equipment for Food and Non Splash Zones

### WARRANTY

- 5 year warranty on all electronics and housing.



Model #	L (in)	W (in)	H (in)	Weight (lbs)
VTSR-765L-3CCT	47.24	3.77	3.10	4.64

\* Default kelvin temperature 4000k and highest lumen output.

\*\*L70 & L90 hours are IES TM-21-11 calculated hours.

## ORDERING INFORMATION

Example:VTSR-765L-3CCT

Series	Nominal Lumen Output (Selectable)		Kelvin Selectable	Emergency Driver		Certification Options
	765L	7,000 / 6,000 / 5,000 lm		EM10	EM13	
VTSR	765L	7,000 / 6,000 / 5,000 lm	3CCT 3500K / 4000K / 5000K	10W Emergency Driver	13W Emergency Driver	NSF= NSF Certified Blank= None
				Blank	No Emergency Driver	

## ACCESSORIES (ORDER SEPARATELY)

### Sensor

- HD07VR-PH-1-90 = Passive infrared sensor with 90° elbow adapter- maximum mounting height = 39FT.
  - HD07VR-MH-B-1-90 = Microwave step-dimming sensor with 90° elbow adapter - maximum mounting height = 49FT.
  - HD09VR-PH5-1-90\* = Passive infrared sensor with 90° elbow adapter- maximum mounting height = 39FT.
  - HD09VR-MH5-1-90\* = Microwave step-dimming sensor with 90° elbow adapter - maximum mounting height = 49FT.
  - HD05R = Remote control for HD07VR-PH-1-90, HD07VR-MH-B-1-90, HD09VR-PH5-1-90 and HD09VR-MH5-1-90 (required for HD07VR models change factory settings)
- \*HD09VR series has 5-dial setting capability.

**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-VTSR-765L = Replacement lens for VTSR-765L-3CCT

### Mounting Option

- CMK3 = 3 Meter cable mount kit
- CMK5 = 5 Meter cable mount kit

### Remote Mount EM Drivers

- BLEM-CP-10C = 10W Emergency driver
- BLEM-CP-13C = 13W Emergency driver

## COMPATIBLE EMERGENCY DRIVERS-INSTALLED

Emergency Driver Part Number	EM10		EM13		
	Model	Watts	EM Lumens	Watts	EM Lumens
VTSR-765L-3CCT		10	1441	13	1768

## COMPATIBLE DIMMERS AND CONTROLS

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

## LUMEN TABLES

Series	Measurements	Low Lumens			Mid Lumens			High Lumens		
		3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
VTSR-765L-3CCT	Lumens	5157	5303	5181	6009	6198	6034	7295	7611	7381
	Watt	37	36	37	44	43	44	53	51	53
	Efficacy	139.38	147.31	140.03	136.57	144.14	137.14	137.64	149.24	139.26

## ELECTRICAL DATA

Series	CCT	Input Amps (A)								
		Low Lumens			Mid Lumens			High Lumens		
		120V	240V	277V	120V	240V	277V	120V	240V	277V
VTSR-765L-3CCT	3500K	0.31	0.15	0.13	0.37	0.18	0.16	0.44	0.22	0.19
	4000K	0.30	0.15	0.13	0.36	0.18	0.16	0.43	0.21	0.18
	5000K	0.31	0.15	0.13	0.37	0.18	0.16	0.44	0.22	0.19

## PHOTOMETRICS

### VTSR-765L-3CCT

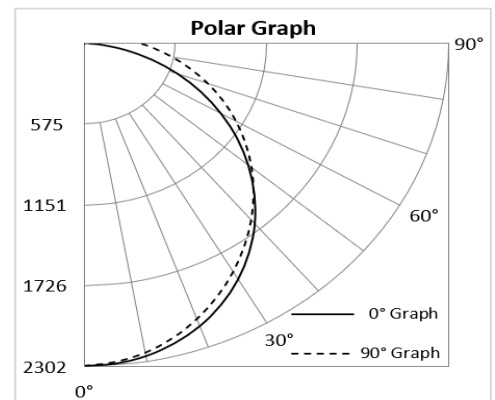
#### Luminaire Data

Description	4' Vapor Tight Slim Lumen and Kelvin Select
Total Lumens	7,382
Input Wattage	53
Efficacy (lm/W)	140
Spacing Criterion (0-180°)	1.26
Spacing Criterion (90-270°)	1.24

Photometrics calculated at 4000k and highest lumen setting.

#### Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	838	11.4%
0-30°	1,772	24.0%
0-40°	2,893	39.2%
20-50°	3,222	43.7%
40-70°	3,142	42.6%
0-60°	5,146	69.7%
0-80°	6,657	90.2%
0-90°	7,010	95.0%
90-180°	372	5.0%
0-180°	7,382	100.0%



## PLUGS AND CORDS

When ordering a plug, use the following suffix choices.

Example: VTSR-765L-3CCT-10C4

Note: Cord & plugs do not affect the ability to install sensors.

Part number suffix	Description	For use with
6C3	6' cord - 3 conductor (black/white/green)	Standard
6C4	6' cord - 4 conductor (black/white/green/red)	EM driver
6C5	6' cord - 5 conductor (black/white/green/purple/pink)	Dimming
6C6	6' cord - 6 conductor (black/white/green/red/purple/pink)	Dimming & EM driver
10C3	10' cord - 3 conductor (black/white/green)	Standard
10C4	10' cord - 4 conductor (black/white/green/red)	EM driver
10C5	10' cord - 5 conductor (black/white/green/purple/pink)	Dimming
10C6	10' cord - 6 conductor (black/white/green/red/purple/pink)	Dimming & EM driver
15C3	15' cord - 3 conductor (black/white/green)	Standard
15C4	15' cord - 4 conductor (black/white/green/red)	EM driver
15C5	15' cord - 5 conductor (black/white/green/purple/pink)	Dimming
15C6	15' cord - 6 conductor (black/white/green/red/purple/pink)	Dimming & EM driver
6P515	6' cord - 3 conductor (black/white/green) - NEMA 5-15 plug (120V/15A)	Standard luminaire
6P615	6' cord - 3 conductor (black/white/green) - NEMA 6-15 plug (240V/15A)	Standard luminaire
6P715	6' cord - 3 conductor (black/white/green) - NEMA 7-15 plug (277V/15A)	Standard luminaire
6P520	6' cord - 3 conductor (black/white/green) - NEMA 5-20 plug (120V/20A)	Standard luminaire
6P620	6' cord - 3 conductor (black/white/green) - NEMA 6-20 plug (277V/20A)	Standard luminaire
6P515L	6' cord - 3 conductor (black/white/green) - NEMA L5-15 plug (120V/15A locking)	Standard luminaire
6P615L	6' cord - 3 conductor (black/white/green) - NEMA L6-15 plug (240V/15A locking)	Standard luminaire
6P715L	6' cord - 3 conductor (black/white/green) - NEMA L7-15 plug (277V/15A locking)	Standard luminaire
6P520L	6' cord - 3 conductor (black/white/green) - NEMA L5-20 plug (120V/20A locking)	Standard luminaire
6P620L	6' cord - 3 conductor (black/white/green) - NEMA L6-20 plug (240V/20A locking)	Standard luminaire
6P720L	6' cord - 3 conductor (black/white/green) - NEMA L7-20 plug (277V/20A locking)	Standard luminaire
10P515	10' cord - 3 conductor (black/white/green) - NEMA 5-15 plug (120V/15A)	Standard luminaire
10P615	10' cord - 3 conductor (black/white/green) - NEMA 6-15 plug (240V/15A)	Standard luminaire
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10P620L	10' cord - 3 conductor (black/white/green) - NEMA L6-20 plug (240V/20A locking)	Standard luminaire

Part number suffix	Description	For use with
10P720L	10' cord - 3 conductor (black/white/green) - NEMA L7-20 plug (277V/20A locking)	Standard luminaire
15P515	15' cord - 3 conductor (black/white/green) - NEMA 5-15 plug (120V/15A)	Standard luminaire
15P615	15' cord - 3 conductor (black/white/green) - NEMA 6-15 plug (240V/15A)	Standard luminaire
15P715	15' cord - 3 conductor (black/white/green) - NEMA 7-15 plug (277V/15A)	Standard luminaire
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