

# VTC-S

Vaportight / Fiberglass Housing  
Enclosed / Gasketed  
IP67 Rated

We reserve the right to revise the design or components of any product without notice.

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

## SPECIFICATIONS

- DRIVER — Universal Volt 120/277v electronic driver with 0-10V dimming is standard.
- EMERGENCY — Integral LED Emergency Battery.
- FINISH — All metal parts are phosphate pre-treated and finished in white oven baked polyester powder coat.
- GASKETING — Continuous Poured in Place to seal Outside Contaminants.
- GEAR TRAY — Efficiently carries Electrical Gear, maintaining Weatherproof Enclosure while reducing cost and weight.
- HOUSING — 5VA rated Fiberglass for maximum strength and rigidity. White Standard.
- LATCHES — Stainless Steel (SSL) Snap-In Latches - Standard. Optional Clear Polycarbonate Latches (CPL)—suitable for dry environment indoor fixtures.
- LENS — Acrylic Ribbed Frosted Lens is Standard. Other Lens Options are available.
- MOUNTING — Standard Stainless Steel Mounting Brackets—Included with Fixture Snap onto housing (no holes to drill through housing) at most points along fixture for variable mounting centers (brackets cannot be fitted over latches).
- COMPLIANCE — Built to comply with U.S. and Canadian Safety Standards. Suitable for wet location installations. DLC 4.4 Listed. NSF Rated. NEMA 4X / IP67 Tested and Rated.



## ORDERING INFO

ORDERING GUIDE:	Series	Size	LED Wattage	CCT	Voltage	Finish	Options

### SERIES

VTC-S = Shallow Lens VTC Wide Series

### SIZE

- 2' = 2 Foot Length<sup>Ⓜ</sup>
- 4' = 4 Foot Length
- 8' = 8 Foot Length (Tandem 2x4'-Foot VTC-S)  
— Includes Joiner Band

### LED WATTAGE

Refer to Below Chart for Size / Wattage Compatibility  
LED(xx) = LED (xx = Wattage, ex: LED15)  
TS = Non-Shunted Tombstone Sockets  
— For T8 Lamps (By Others)

### LED COLOR TEMPERATURE (CCT)

- 3K = ±3000K LED Range
- 35K = ±3500K LED Range
- 4K = ±4000K LED Range
- 5K = ±5000K LED Range

### VOLTAGE

- 347 = 347 Volts
- 480 = 480 Volts
- UNV = Universal Volt (120-277v) Electronic Drivers
- 2UNV = Two Universal Volt (120-277v) Electronic Drivers
- 24DC = 24 Volt DC

### FINISH

- WH = White Finish — Standard
- CC = Custom Color (Visit [www.ralcolor.com](http://www.ralcolor.com))  
— Provide RAL# or Make-to-Match Color Chip

### LENS OPTIONS

- ACRC = Acrylic Ribbed Clear Lens, Impact Resistant  
— 4' & 8' Only
- ACRF = Acrylic Ribbed Frosted Lens, Impact Resistant  
— STANDARD
- PCRC = Polycarbonate Ribbed Clear Lens (2' Only)
- PCRF = Polycarbonate Ribbed Frosted Lens (4' Only)

### MOUNTING OPTIONS

- SM = Surface Mount
- ACM = Aircraft Cable Mount
- CHM = Chain Hung Mount
- HUB2 = 1/2" Myers Hub (Stems/Canopies by Others)
- HUB3 = 3/4" Myers Hub (Stems/Canopies by Others)
- PENDK2 = 1/2" Pendant Kit (Must Choose Canopy Style)  
— Includes Stem and Hub
- PENDK3 = 3/4" Pendant Kit (Must Choose Canopy Style)  
— Includes Stem and Hub

### Pendant Canopy Styles:

- SWC-R = Swivel Canopy for 4" Round J-Box
- SWC-RR = Swivel Canopy for 4" Round J-Box  
— Rapid Mount with Hinged Door
- SWC-S = Swivel Canopy for 4" Square J-Box
- SWC-SR = Swivel Canopy for 4" Square J-Box

### DIMMING OPTIONS

- Note: 0-10V 100%-30% is Standard
- D7A = 0-10VDC LED Dimming Driver (100-10%)
  - D7B = 0-10VDC LED Dimming Driver (100-1%)

### CONTROL OPTIONS

- Note: See Accessory Options for Required Remote Controller
- 9328 = Photocell Button (120/277V)
  - OCC = Occupancy Sensing | Motion Sensor Integral<sup>Ⓜ</sup>  
— Microwave / Single Feed / 120/277V Only  
— Standby Dim Level Presets: ON/OFF (0%/100%)
  - BLD = Bi-Level Dimming | Motion Sensor Integral<sup>Ⓜ</sup>  
— Microwave / Single Feed / 120/277V Only  
— Standby Dim Level Presets:  
10% / 20% / 30% (Standard) / 50%
  - BLD/AMB = Bi-Level Dimming | Motion Sensor Integral<sup>Ⓜ</sup>  
— Ambient Light Sensing Feature  
— Microwave / Single Feed / 120/277V Only  
— Standby Dim Level Presets:  
10% / 20% / 30% (Standard) / 50%
  - BLS = Bi-Level Switching - Using 2 Drivers (2UNV)

### TELLELIGHT WIRELESS CONTROL SYSTEM

- Certified Bluetooth Mesh Components & Topology  
Standard Fixture Options: (Question? Consult Factory Rep)
- TSC3 = Internal Fixture Ctrl w/External Antennae Cover  
— TSC3 Requires Sensor
  - TSS3 = PIR Low Bay Sensor. Fixture Mounted.
  - TSS12\* = External PIR Low Bay Sensor. 120-277VAC Power  
— TSS12 is Junction Box Mounted
- \*Additional Sensor Options: [TelleLight Brochure](#)

### MISC OPTIONS

- FUS = Single Fusing
- DFUS = Double Fusing
- SG = 10KA Surge Protection (ANSI spec C62.41.2)
- CPL = Clear Polycarbonate Latches

### EMERGENCY / BATTERY OPTIONS<sup>ⓂⓃⓅⓆ</sup>

- No onsite Emergency Power (AC or DC) is provided
- GTD1 = Generator Transfer Device (Signify)<sup>Ⓜ</sup>
  - GTD2 = Generator Transfer Device (LGTD)<sup>Ⓜ</sup>  
— Shunt Relay w/Fire Alarm Override Input

### Meets California Energy Commission Title 20: (CEC-400-2014-009-CMF) Efficiency Standards

- EL8W = Integral LED 8 Watt<sup>Ⓜ</sup>
- EL16W = Integral LED 16 Watt<sup>Ⓜ</sup>
- REL4W = Remote LED 4 Watt
- REL8W = Remote LED 8 Watt
- REL16W = Remote LED 16 Watt

### Cold Weather Emergency Batteries:

- Operating Temp: -20°C thru 50°C  
NON-CEC Compliant
- EL10W-CW = Integral LED 10 Watt (Cold Weather)<sup>Ⓜ</sup>
  - REL10W-CW = Remote LED 10 Watt (Cold Weather)

### ACCESSORY OPTIONS (order as a separate line)

- REMT = Remote Controller for Sensor Options

Fixture		2 Foot	4 Foot	8 Foot
Dimensions - W x H x D		24" long x 4" deep	48" long x 4" deep	96" long x 4" deep
Light Emitting Diode	LED	25W	25W / 40W / 50W / 60W / 75W	150W

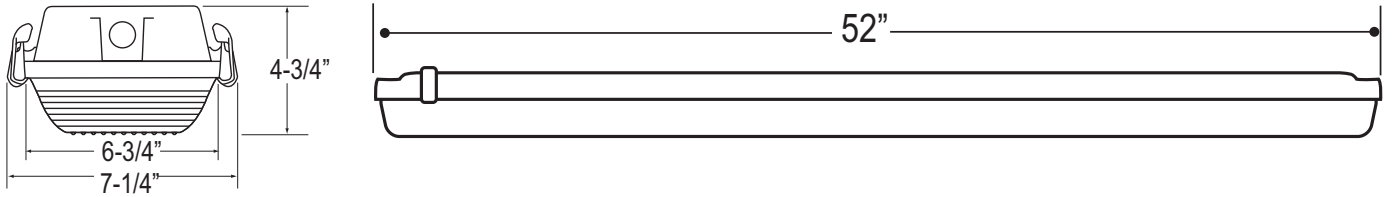
- <sup>Ⓜ</sup> Backbox included with GTD and Integral Emergency Battery (EL). Mounted on backside of housing. 4-Foot / 8-Foot Size Only.
- <sup>Ⓝ</sup> Consult Factory for additional Emergency Battery options.
- <sup>Ⓟ</sup> VTC-S 2-Foot Compatible with REL Only.
- <sup>Ⓠ</sup> Max mounting height of fixture is 18' (18 feet).
- <sup>Ⓠ</sup> Max WHIP length of the REL is 8 feet.
- <sup>Ⓠ</sup> Final selection of the Battery Pack under discretion of Factory



LUMENS

LED Wattage / Color Temperature - Lumen Output				
Color Temperature	3000K (3K)	3500K (35K)	4000K (4K)	5000K (5K)
25 Watt	2925 Lumens	2973 Lumens	3056 Lumens	3154 Lumens
40 Watt	4830 Lumens	4912 Lumens	5048 Lumens	5210 Lumens
50 Watt	6052 Lumens	6153 Lumens	6324 Lumens	6526 Lumens
60 Watt	6781 Lumens	6931 Lumens	7081 Lumens	7231 Lumens
75 Watt	8849 Lumens	8997 Lumens	9247 Lumens	9543 Lumens
150 Watt	17,698 Lumens	17,994 Lumens	18,494 Lumens	19,086 Lumens

DIMENSIONS



OPTIONS

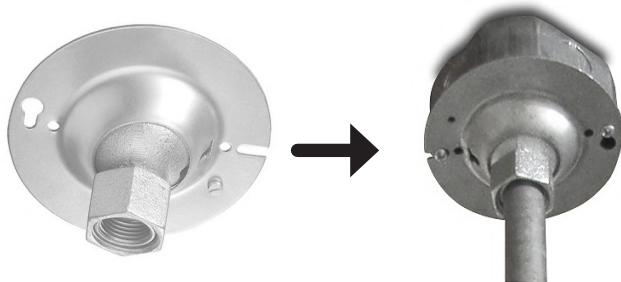


Stainless Steel Mounting Brackets (Standard)

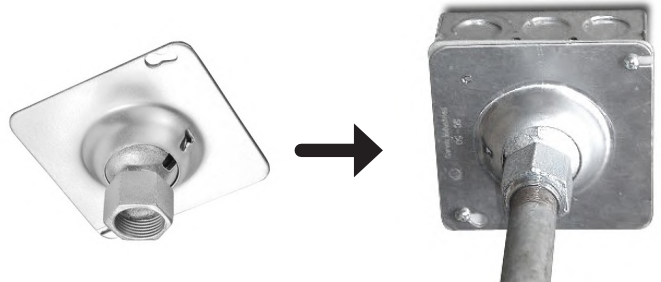


VTC-S Shown with Pendant Kit Option (PENDK2/PENDK3) and Back Box Option (BB)

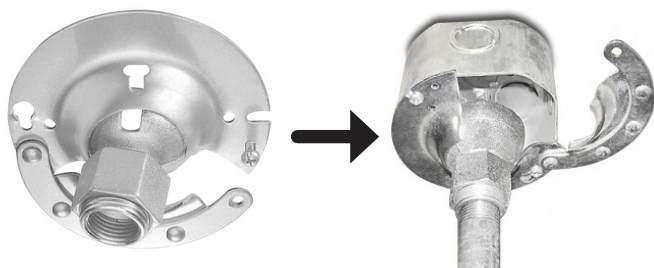
PENDANT SWIVEL CANOPY TYPES



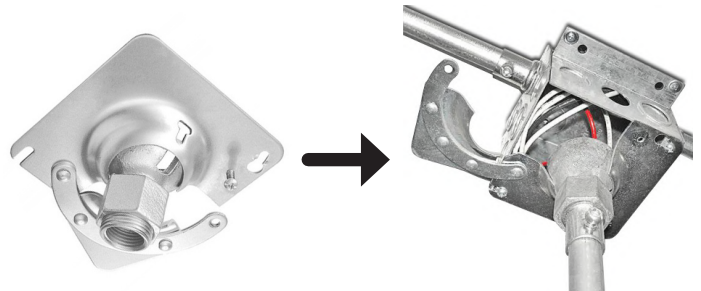
Swivel Canopy 4" for Round/Octagonal J-BOX (SWC-R)



Swivel Canopy 4" for Square J-BOX (SWC-S)



Swivel Canopy 4" for Round/Octagonal J-BOX Rapid Mount with Hinged Door (SWC-RR)

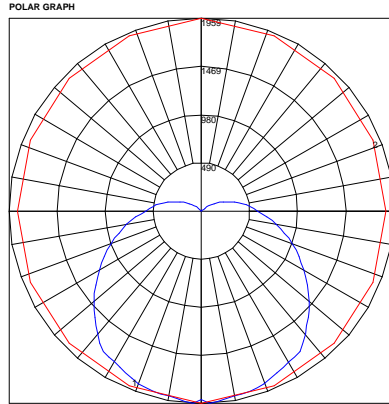


Swivel Canopy 4" for Square J-BOX Rapid Mount with Hinged Door (SWC-SR)

PHOTOMETRIC DATA

Catalogue #: VTC-S-LED60-4K-ACRF4   Test Date: 6/4/2021					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
7081.4 Lumens	118 Lm/W	60.0W	4000K	Type II - VS	B2-U3-G3

LCS Summary	
Zone	Lumens
Forward Low (0-30)	751.5
Forward Medium (30-60)	1533.5
Forward High (60-80)	762.1
Forward Very High (80-90)	229.3
Back Low (0-30)	742.7
Back Medium (30-60)	1492.7
Back High (60-80)	735.7
Back Very High (80-90)	22.8
Up Low (90-100)	300.6
Up High (100-180)	311.5



Catalogue #: VTC-S-LED75-4K-UNV-WHT   Test Date: 4/21/2017					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
9287 Lumens	126.8 Lm/W	73.33W	4053K	Type-II - VS	B5-U3-G1

LCS Summary	
Zone	Lumens
Forward Low (0-30)	931.5
Forward Medium (30-60)	1900.7
Forward High (60-80)	944.6
Forward Very High (80-90)	284.2
Back Low (0-30)	920.6
Back Medium (30-60)	1850.2
Back High (60-80)	911.9
Back Very High (80-90)	274.9
Up Low (90-100)	372.6
Up High (100-180)	393.9

