

VTC-S

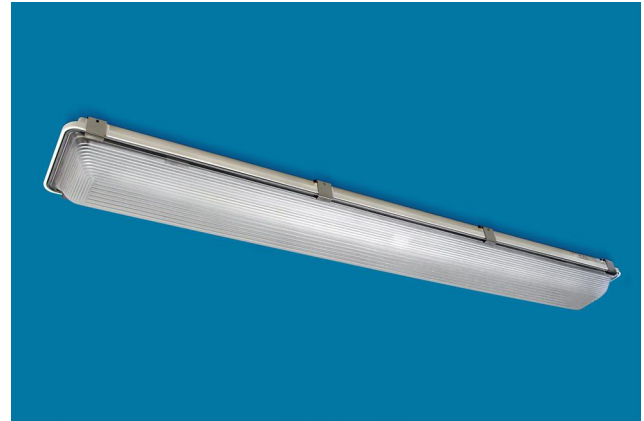
**Vapor-Tite/Vandal Resistant
Fiberglass Housing; Shallow Lens
Damp/Dusty/Wet Locations
LED**

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

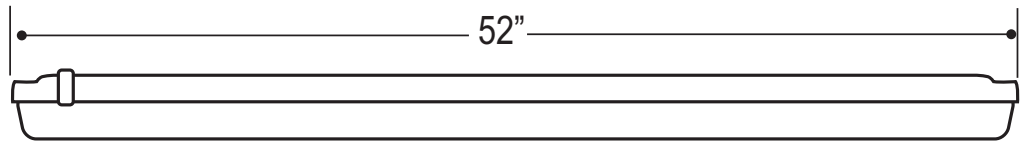
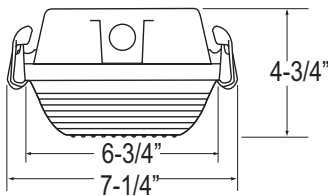
CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

SPECIFICATIONS

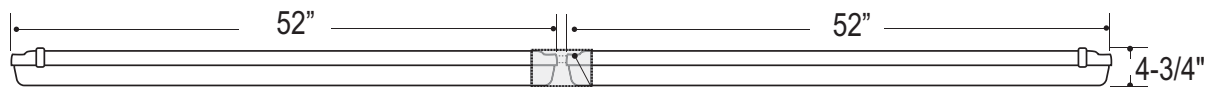
- DRIVER — Standard EBU – Instant Start universal volt (120-277v) electronic. Optional 120/277 volt Electronic <10 THD CW Instant Start – 0°C start.
- EMERGENCY — LED — Integral
- FINISH — All metal parts are phosphate pre-treated and finished in white oven baked polyester powder coat.
- GASKETING — 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 — Shallow Diffuser; Frosted Diffuser (FD) is Standard with LED, and Clear Acrylic (CL) is Optional.
- 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). Optional Cable or Pendant Mounting.
- TEMPERATURE RATINGS — 25W = 40°C, 50W = 32°C, 75W = 25°C.
- COMPLIANCE — Built to comply with U.S. and Canadian Safety Standards. Suitable for indoor damp and outdoor wet location installations. IP65 Tested and Rated.



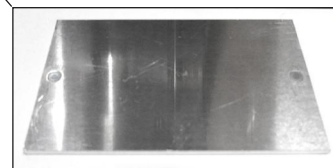
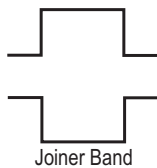
DIMENSIONS



OPTIONS



8' (Nominal) Tandem Run
Shown with Joiner Band




VTC-S Shown with Optional Reinforcement Plates
Attached on Back of Housing
(Prevents Damage from Vibration;
Required with Integral Battery Pack)



VTC-S Shown with Pendant Option (PEND)
and Back Box Option (BB)

VTC-S

Vapor-Tite/Vandal Resistant
Fiberglass Housing; Shallow Lens
Damp/Dusty/Wet Locations
LED

LAMP TYPE/QTY/WATTAGE ¹				
Visit www.eclipselightinginc.com for available IES files				
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 <i>(Refer to LED Watt@CKT / Lumen Output Table for Lumens)</i> LTM Compatible 	LED	25w	25w / 40w ² / 50w / 75w	150w
LED Watts @CKT / 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
75 Watt	8849 Lumens	8997 Lumens	9247 Lumens	9543 Lumens
150 Watt	17,698 Lumens	17,994 Lumens	18,494 Lumens	19,086 Lumens

ORDERING GUIDE: Series Size Latches Lamp/Wattage Color Voltage Finish Options

SERIES

VTC-S = Shallow Lens VTC Wide Series

SIZE

- 2' = 2 Foot Length
- 4' = 4 Foot Length
- 8' = 8 Foot Length (Tandem 2x4'-Foot VTC-S)
— Includes Joiner Band

LATCHES

- CPL = Clear Polycarbonate Latches
- SSL = Stainless Steel Latches - Standard

LED WATTAGE ¹

Refer to Above Charts for Wattages/Lumens

VOLTAGE

- 120 = 120 Volts
- 277 = 277 Volts
- 347 = 347 Volts
- EBU = Universal Volt (120-277v) Electronic Drivers
- 2EBU = Two Universal Volt (120-277v) Drivers


FINISH

- WH = White Finish — Standard

COLOR TEMPERATURE

- 3K = ±3000K LED Range
 - 35K = ±3500K LED Range
 - 4K = ±4000K LED Range
 - 5K = ±5000K LED Range
- *Note: Tight Binning (2-3 MacAdam Ellipses)

OPTIONS

- ACM = Aircraft Cable Mount
- BB = Back Box ²
- CL = Shallow Acrylic Clear Ribbed Diffuser
- FD = Shallow Acrylic Frosted Ribbed Diffuser—Standard
- GTD = Generator Transfer Device (Bodine)
- HUB2 = 1/2" Myers Hub
- HUB3 = 3/4" Myers Hub
- NS = No Stem Included
- PC = Polycarbonate Diffuser (Specify Clear "CPC", or frosted "FPC")
- PEND = Two Stem Pendant Mount — 12" Standard
- SG = 10KA Surge Protection for LED fixtures (meets ANSI spec C62.41.2)
- LTM ³ = Linear Tunable Module (Full Spectrum) 
—See Page 3 for More Info
- W10 = 10yr Limited Warranty

SENSOR OPTIONS

- MSE = Motion Sensor External; Single circuit: all on, all off
Specify Finish: White (WH) or Bronze (BZ)
- MSE2 = Motion Sensor External; Dual circuit, half on half off
- MSI1 = Motion Sensor Integral ⁴ (Microwave)
—Single Circuit: OFF / ALL-ON
- MSI2 = Motion Sensor Integral ⁴ (Microwave)
—Single Circuit: HALF-ON / ALL-ON
- MSI3 = Motion Sensor Integral ⁴ (Microwave)
(Single Circuit Multi-Level Daylight with Motion Sense
-ALL-ON with Motion Sense, specified HOLD TIME,
DIMS to Low Light Level, specified STAND-BY PERIOD,
ALL-OFF. Specified Ambient Foot-Candle Control.)
- MSI4 = Motion Sensor Integral ⁴ (Microwave)
(Single Circuit Bi-Level, ALWAYS ON
-ALL-ON with specified HOLD TIME,
DIMS to specified Low Light Level and stays on, powers
back to full light output with Motion Sense.)
- MSI5 = Motion Sensor Integral ⁴ (Microwave)
(Single Circuit Zone Control
-Used for passageways, corridors, stairwells
and Garage applications.)
- MSI6 = Motion Sensor Integral ⁴ (Microwave)
-Synchronization Control for Multiple Fixtures
- MSI7 = Motion Sensor Integral ⁴ (Microwave)
-Daylight Harvest Control

DIMMING OPTIONS

- BL1 = Bi-Level Light (High/Low)
— Single AC Input Feed
— Switch Sensor (Required)
- BL2 = Bi-Level Light (High/Low)
— Wired for Dual AC Input Feeds
- D7 = 0-10V low-voltage LED Dimming
(100-30% Standard, Consult Factory for Other)
- D8 = LED Dimming: Forward Phase (Triac)

EMERGENCY BATTERY OPTIONS

No onsite Emergency Power (AC or DC) is provided

Specify Fixture Voltage: 120V or 277V Power Feed

A=120V or B=277V

*NOT Compatible with LTM Option

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

- EL4W = LED 4 Watt (Integral) ⁵
- EL8W = LED 8 Watt (Integral) ⁵
- EL16W = LED 16 Watt (Integral) ⁵
- REL4W = LED 4 Watt (Remote)
- REL8W = LED 8 Watt (Remote)
- REL16W = LED 16 Watt (Remote)

Cold Weather Emergency Batteries:

NON-CEC Compliant

- EL10W-CW = LED 10 Watt (Integral - Cold Weather) ⁵
— Temp Range: -20°C thru 50°C
- EL23W-CW = LED 23 Watt (Integral - Cold Weather) ⁵
— Temp Range: -20°C thru 50°C
- REL10W-CW = LED 10 Watt (Remote - Cold Weather)
— Temp Range: -20°C thru 50°C
- REL23W-CW = LED 23 Watt (Remote - Cold Weather)
— Temp Range: -20°C thru 50°C

NOTES:

- ¹ Consult Factory with requests regarding lamp sources, wattages or voltages not shown. Wattages are nominal.
- ² Backbox required; BB included with Integral Emergency Battery (EL). Mounted on the backside of the housing.
- ³ Consult Factory for additional Emergency Battery options.
- ⁴ Max mounting height of fixture is 10' (10 feet)
- ⁵ Due to form and fit, final selection of the Battery Pack under discretion of Factory

Color Tunable White

1650K

8000K

LTM[®] = LINEAR TUNABLE MODULE

- RGB Adjustable
- Color Tunable White (1650-8000K)
- Integrated Bluetooth / 0-10V

Optional Additional Controls for LTM

- DMX = DMX512-A-RDM Accessory Board
- DALI = DALI Accessory Board
- DLM = DLM Watt Stopper Accessory Board
- LTRN = Lutron EcoSystem Accessory Board



[CLICK](#) Click for Additional Information

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PHOTOMETRIC DATA

Test # 102063649CHI-035

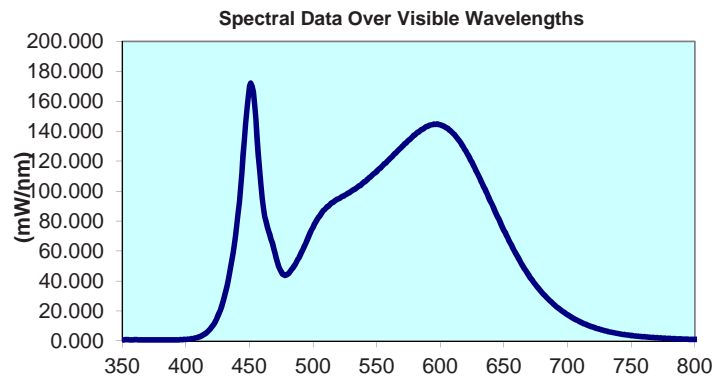
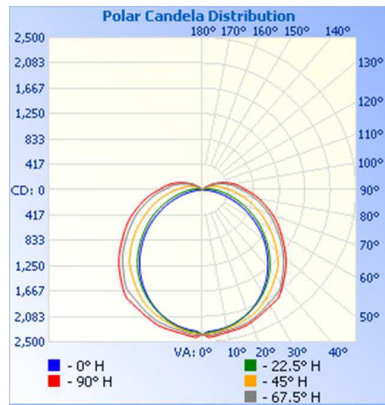
CATALOGUE #: VTC-S-LED75-4K-EBU-WHT

Test Date: 4/21/2017 — Tested in accordance with LM-79-80. The results contained in this summary report pertain only to the tested sample.

Summary of Results	
Total Lumen Output	9297 Lumens
Efficacy (Lm/W)	126.8 Lm/W
BUG Rating	B2-U3-G3

Electrical Test Conditions								
Temp	Voltage	Current	Power	Power Factor	CCT	CRI	DUV	THD
25°C (±1°C)	120.0	614.1mA	73.33W	0.995	4053K	84.9	0.002	6.52%

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1852	21.1
0-40	3072	35.0
0-60	5602	63.8
60-90	2416	27.5
0-90	8017	91.4
90-180	758.9	8.6
0-180	8776	100.0



PHOTOMETRIC DATA

Test # LLI-15007-1

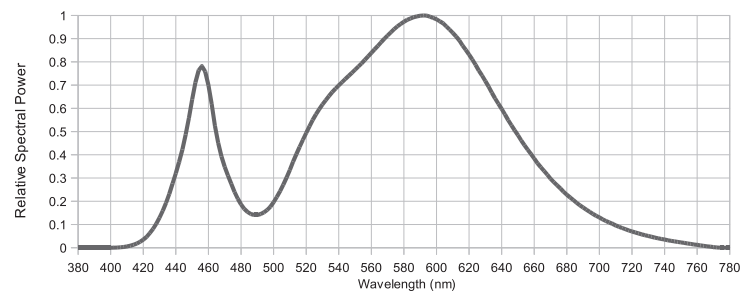
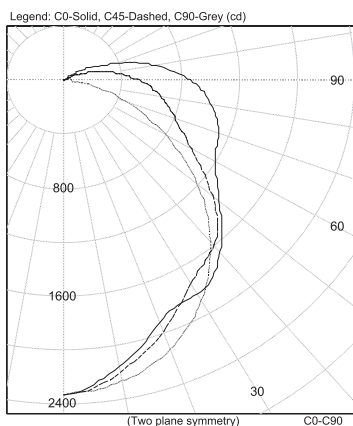
CATALOGUE #: VTC-S-4-SSL-LED70-35K-2EBU-D7-FD

Test Date: 9/15/2015 — Tested in accordance with LM-79-80. The results contained in this summary report pertain only to the tested sample.

Summary of Results	
Total Lumen Output	8044 Lumens
Efficacy (Lm/W)	117.4 Lm/W

Electrical Test Conditions								
Temp	Voltage	Current	Power	Power Factor	CCT	CRI	DUV	THD
25°C (±1°C)	120.0	0.588A	68.5W	0.970	3450K	74	0.0005	13.56%

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1684	20.9
0-40	2752	34.2
0-60	4901	60.9
0-90	7165	89.1
40-90	4413	54.9
60-90	2264	28.1
90-180	879	10.9
0-180	8044	100.0



* The spectral power distribution combines the weighted spectral power distributions of all spatial measurements.

PHOTOMETRIC DATA

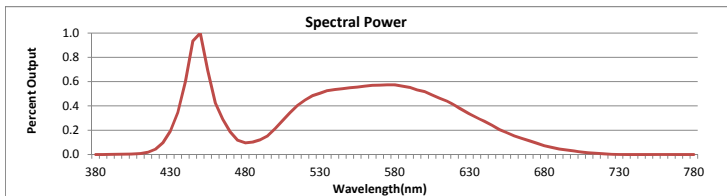
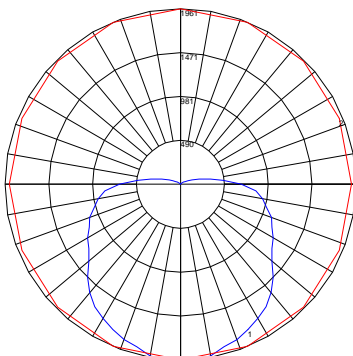
Test # L11133803

CATALOGUE #: VTC-S-4-CPL-LED75-5K-2EBU-D7-FD

Test Date: 11/21/2013 — Tested in accordance with LM-79-80. The results contained in this summary report pertain only to the tested sample.

Summary of Results		
Total Lumen Output	7162.98 Lumens	
Efficacy (Lm/W)	99 Lm/W	
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1522.73	21.30
0-40	2512.09	35.10
0-60	4538.76	63.50
0-90	6663.57	93.00
40-90	4151.48	58.90
60-90	2124.81	29.50
90-180	499.41	7.00
0-180	7162.98	100.0

Electrical Test Conditions								
Temp	Voltage	Current	Power	Power Factor	CCT	CRI	DUV	THD
25°C (±1°C)	120.0	0.61A	72.42W	0.99	5090K	73	0.00165	15%



Maximum Candela = 1961 Local Horizontal Angle = 90, Vertical Angle = 5
 # 1 - Vertical Plane through Horizontal Angles (90 - 270) (Through Max. Cd.)
 # 2 - Horizontal Cone through Vertical Angle (5) (Through Max. Cd.)