GlobaLux LIGHTING

Project	
Notes	
Type	Date
Cat. No.	

LVTS™ Series — CCT Adustable Vaportight LED Strip

DESCRIPTION

The LVTS series is a next generation LED Vapor Tight fixture that provides maximum light output with durable construction. It is ideal for featuring a one piece polycarbonate housing and lens. The LVTS was designed to meet or exceed IES recommended foot-candle levels at installed heights for parking garages. Ideal for utility lighting, parking garages and stairwells; where meeting applicable building and safety codes is required.

CCT FIELD ADJUSTABLE · DLC QPL LISTED · 5 YEARS WARRANTY* · ETL LISTED

LVTS Series

48" Housing
34W (4,420 Lumens)
45W (5,850 Lumens)
96" Housing
55W (7,150 Lumens)

Rated Life 60,000 hours
Limited Warranty 5 years
Efficacy ˘] Á{ Æ30ÁŠÚÝ
Continuous Dimming

CONTINUOUS DIMMING
0-10V Continuous

Quick Ship
*Available first quarter of 2020

LVTS-34-MVD-830/40/50
LVTS-45-MVD-830/40/50

Specification

Construction

UV stabilized, injection molded, impact resistant, polycarbonate housing. 20 gauge steel channel cover, lens design and materials provide uniform appearance without pixelation.

Certification

All luminaires are built to UL 1598 and 2108 standards, and bear appropriate ETL labels. Wet location labeling is standard. Emergency equipped fixtures labeled UL924. Adheres to LM70, LM80, and TM21 industry standards. DesignLights Consortium® (DLC) DLC qualified product. Not all models of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which models are qualified.

Warranty

5-year Limited Warranty. See warranty documentation for more information.

Electrical

Equipped standard with 0-10V continuous dimming driver that works with any standard 0-10V control/dimmer. Long-Life LED's 60,000 hours at L80 with projected life over 100,000 hours for reduced life cycle maintenance costs Luminaire can be ceiling or suspend mounted. Power connection is easily accommodated through pre-drilled holes at each end, watertight plugs ship standard on each end.

Installation

Quick mounting clips included. Suitable for suspension or surface mounting.

Options

Optional On/Off Motion Sensor, high voltage transformer, emergency battery backups, whips and cords.

Ordering Information

Example:LVTS-45-MVD-830/40/50-OS

LVTS	45	MVD	8	30/40/50

Series	Rated Wattage	Driver Type	CRI	Color Temp
LVTS CCT Adjustable Vaportight LED Strip	**48" Housing** **34**- 34W (4,420 Lumens)² **45**- 45W (5,850 Lumens)² **96" Housing** **8-55**- 55W (7,150 Lumens)²	**MV**- 120-277V¹ **MVD**- 120-277V; 0-10V Dimming² **HVD**-347-480V,0-10V Dimming¹ **HV**-347-480V¹	**8** 80+ CRI	**30/40/50** 3000K, 4000K 5000 K² Adjustable Switch

Options

Emergency Backup	Controls	Accessories
EML8 800lm **EML16** 1600lm	**OS**- Fixture Mounted Occupancy Sensor, On/Off **MOS**- Integral Microwave Sensor, On/Off **MOSB**-Integral Bi-Level Microwave Sensor **MOSB-FM-** Microwave Bi-Level Sensor Fixture mount	**FW3** 6' 3 Wire Fixture Whip **FW4** 6' 4 Wire Fixture Whip

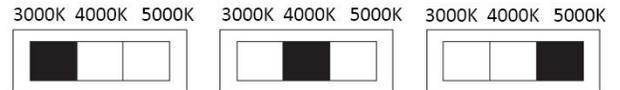**Specifications and Dimensions subject to change without notice**

Form LVTS /Rev. 04   GlobaLux Lighting, LLC. | www.globauxlighting.com | Ph: 909-591-7506

Performance Summary

Input Voltage	120-277V
Input Frequency	50/60 Hz
Rated Wattage	See Performance Table
Delivered Lumens	See Performance Table
Efficacy	> 130 lm/W
CRI	80+, R9 > 0
Available CCT[1]	3000K, 4000K, 5000K Adjustable
Color Consistency[2]	5-step MacAdam Ellipse
Rated Life	60,000 hours
L70[3]	> 72,000 hours or > 45,000
Power Factor	>0.99
THD	< 2.3%
Dimming	0-10V Continuous (10-100%)
Operating Temp.	-18°C to 40°C
IP Rating	IP65 Wet Location

Configurations

CCT Adjustable Instructions
In order to switch Kelvin temperatures, flip the switch to the desired configuration.

COLOR TEMPERATURE ADJUSTMENT SETTING

3000K	4000K	5000K		3000K	4000K	5000K		3000K	4000K	5000K

Performance Data

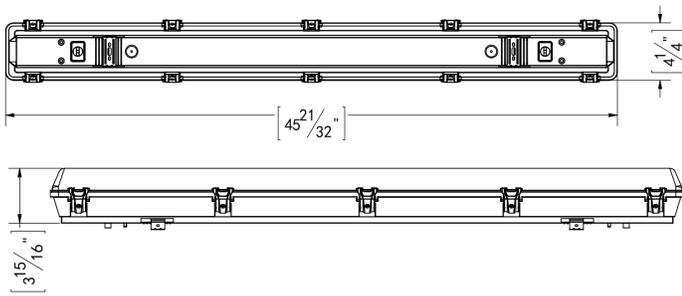| Lens Type	Form Factor	Catalog No.	Rated Wattage (W)	Delivered Lumens	Efficacy (lm/W)
Frosted Acrylic	48"	**LVTS-34-MVD-830/40/50**	34W	4,420	130
		LVTS-45-MVD-830/40/50	45W	5,850	130
	96"	**LVTS-8-55-MVD-830/40/50**	55W	7,150	130

NOTES:

[1]   Made to order items. Minimum 90 day lead time. Minimum 500 order quantity.

[2]   DLC Listed

[3]   DLC Premium Listed

[4]   Quick ship: 5000K. Other CCTs may require a lead time or be special order

[5]   Typical color consistency. May vary or be changed.

[6]   L70 hours calculated based on LED package manufacturer LM80 report and ISTMT report of LED in luminaire. Stated values are for select catalog numbers. Contact GlobaLux for detailed information.

[7]   Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C.
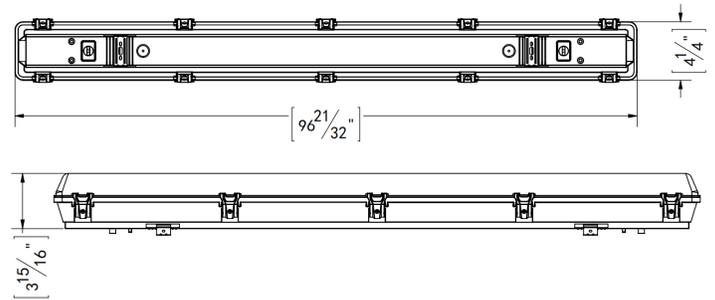
GlobaLux
LIGHTING

Specifications and Dimensions subject to change without notice

Product **Dimensions**

LVTS-40/52 (48" housing)

$45\frac{21}{32}$"

$3\frac{15}{16}$"

$4\frac{1}{4}$"

LVTS-55/104 (96" housing)

$96\frac{21}{32}$"

$3\frac{15}{16}$"
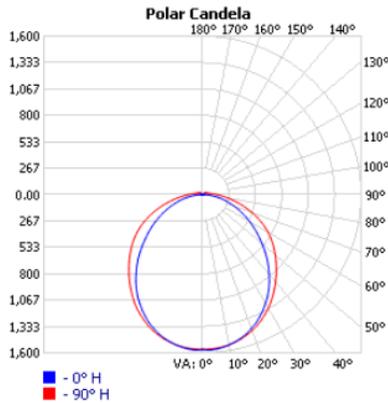
$4\frac{1}{4}$"

CCT Adustable Vaportight LED Strip

Photometric Data

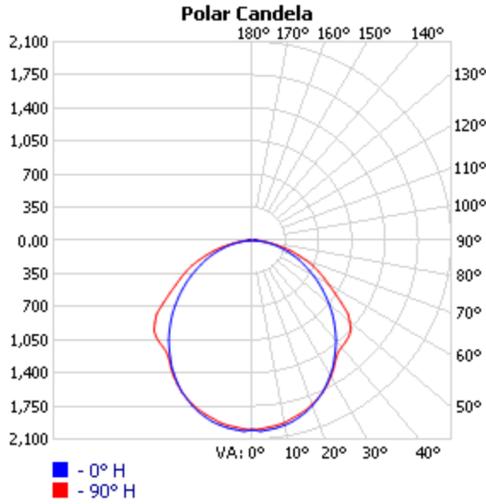**LVTS-34-MVD-830/40/50**   Tested in accordance to IESNA LM-79

Polar Candela Curve

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,208.1	25.7%
0-40	1,961.3	41.7%
0-60	3,420.4	72.8%
60-90	1,113.6	23.7%
70-100	638.6	13.6%
90-120	145.5	3.1%
0-90	4,534.0	96.5%
90-180	166.3	3.5%
0-180	4,700.3	100%

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Photometric Data

LVTS-45-MVD-830/40/50   Tested in accordance to IESNA LM-79

Polar Candela Curve

Polar Candela

Zonal Lumen Summary

Effective Floor Cavity Reflectance: 20%

Zone	Lumens	% Luminaire
0-30	1,535.0	26.1%
0-40	2,489.1	42.3%
0-60	4,462.2	75.9%
60-90	1,340.5	22.8%
70-100	648.6	11%
90-120	77.8	1.3%
0-90	5,802.7	98.7%
90-180	77.8	1.3%
0-180	5,880.5	100%

Accessory Options

Whips

CH-3.5	36 in Chain Hanger Kit
FW3	6' 3 Wire Fixture Whip with 1/2 Connector. in
FW3-BL	6' 3 Wire Fixture Whip with 1/2 Connector (Black)
FW3-M	6' 3 Wire Fixture Whip with 1/2 Connector (Metal)
FW312	12' 3 Wire Fixture Whip with 1/2 Connector. in
FW4	6' 4 Wire Flex/Whip_
RS	Rocker Switch
SM-22	2x2 Surface Mount Shroud Kit for RLP, LTF Seris Fixtures
SM-24	2x4 Surface Mount Shroud Kit for RLP, LTF Series Fixtures

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GlobaLux Lighting LLC
www.globaluxlighting.com
2037 S. Vineyard Ave
Ontario, CA 91761
Ph: 909-591-7506