Project		**Catalog #**		**Type**	
Prepared by		**Notes**		**Date**	



Metalux

Vaportite LED

8' Industrial LED Lamp
Vaportite Industrial Refrigerated Case

Typical Applications

Parking Garage • Cold Storage • Canopy • Warehouse • Food Processing • Manufacturing • Complex Environments

Interactive Menu

- Order Information page 2
- Photometric Data page 2
- Product Warranty

Product Certification

Product Features

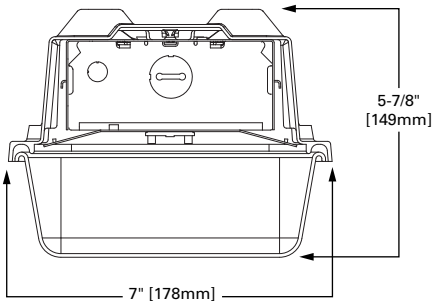
LINEAR DISCONNECT
Safe and convenient means of disconnecting power

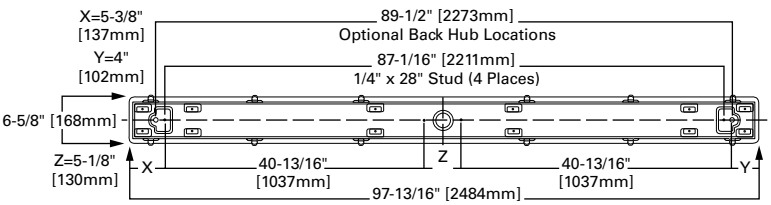
wet location

Top Product Features

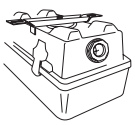
- 2ft, 4ft, and 8ft Sealed and Gasketed Vaportite
- Lumen packages up to 22K lumens
- High-Performance efficacy up to 150 LPW
- LEDs available in 3500K, 4000K and 5000K at 80 CRI
- Rated for -40c to 35c ambient

Dimensional and Mounting Details

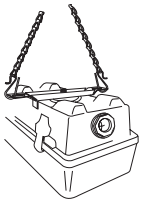




Installation Data



MOUNTING BRACKETS
Furnished
Two per 2' and 4' Unit
Four per 8' Unit

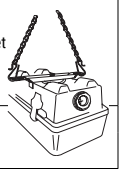


OPTIONAL CHAN HANGING SET
(VT2-CHAIN/SET-U)
Includes 6 ft. of chain, 4 large S-Hooks and 4 small S-Hooks
Two (2) Kits Recommended For 8' Fixture

Order Information

SAMPLE ORDER NUMBER: **8VT2-LD5-9-DR-UNV-L840-CD1-WL-U**

Series	Lamp Type	LED Lumens Output	Lens	Distribution	Voltage	Remote Emergency Enclosure
8VT2=8’ Vaportite	**LD5**=LED 5.0	**9**=9000 Lumens **12**=12000 Lumens **16**=16000 Lumens **22**=22000 Lumens	**DR**=Internal Prismatic Lens/15% DR High Impact Additive **DR100**=Internal Prismatic Lens/100% DR High Impact Additive **FR50**=Frosted Lens/15% DR High Impact Additive (1)	**[Blank]**=Medium (Standard) **W**=Wide Distribution	**UNV**=Universal Voltage 120-277	**VT-REM-EL**=Emergency Installed, 700 lumens (2) **EL10W**=10-watt, 120-277V emergency battery pack installed (9,000 lumen fixture only) (2)
Notes (3) DesignLights Consortium® Qualified and classified for both DLC Standard and DLC Premium, refer to www.designlights.org for details.			**Notes** (1) Not available in wide distribution.			**Notes** (2) EL must specify 120 or 277V only.

Lamps	Driver Type	Label	Options	Packaging	Accessories (order separately)
L835=3500K, LED **L840**=4000K, LED **L850**=5000K, LED	**CD1**=1 Dimming Driver (9,000 lumens only) **CD2**=2 Dimming Drivers **5LTD1**=Fifth Light DALI (9,000 lumens only) **5LTD2**=Fifth Light DALI	**WL**=Wet Location Label	**SSL**=Stainless Steel Latches **TH**=(2) Top Watertite Hubs **TEH**=(2) Top and (2) End Watertite Hubs (all Watertite Hubs have 1/2" Conduit Entry) **MS**=Damp Listed Motion Sensor **MSWL20**=Wet Listed Motion Sensor, max 20ft mounting height **HBE11**=Wet location PIR Indoor/Outdoor Occupancy Sensor (4)	**U**=Unit Pack	**VT2-Chain/Set-U**=Chain Hanging Set. Includes 6 ft. of chain, 4 large S-Hooks and 4 small S-Hooks Two (2) Kits Recommended for 8’ Fixture **VT2-SS**-MBK=Stainless Steel Mounting Bracket 
			Notes (4) Available for 120V, 277V, and 347V voltage only.		

Product Specifications

Construction

- Rugged and durable construction
- Fiberglass housing is reinforced polyester and self-extinguishing (ASTM-D635-74) plastic
- Full metal fixture liner
- Watertight housing
- 1/2" conduit entry at each end of housing (standard) for continuous feed
- Polyurethane gasketing provides a continuous seamless seal for the diffuser lens
- Four sturdy cam latches clamp diffuser tightly for a positive seal between housing, gasketing and diffuser
- Surface or chain mounting

Electrical

- Long-Life LED system coupled with electrical driver for optimal performance
- LED’s available in 3500K, 4000K and 5000K with a CRI ≥ 80
- Projected life is 60,000 hours at 91% lumen output
- Electronic drivers are available for 120-277V applications
- 0-10V dimming control (standard)
- Operating temperature of -40°C to 35°C; Ideal for cold storage environments

Lens

- High-impact diffuser lens
- Internal Prismatic Lens with 15% DR High Impact Additive (DR) or Internal Prismatic Lens with 100% DR High Impact Additive (DR100)
- Frosted Lens with 15% DR High Impact Additive (FR50) option

Finish

- Housing is permanent pearl gray color

Warranty

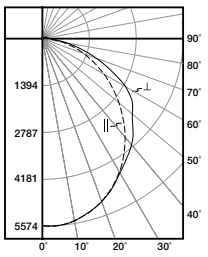
- Five-year limited warranty

Compliance

- UL/cUL listed for Wet location
- RoHS compliant
- LED modules comply with IESNA LM-79 and LM-80 standards
- DesignLights Consortium® Qualified and classified for both DLC Standard and DLC Premium (refer to www.designlights.org for details)
- The VT2 Series ratings apply to Horizontal Mounting only

Photometric Data

View IES files



8VT2-LD5-16-DR-UNV-L840-CD2-WL-U

Electronic Driver

Linear LED 4000K

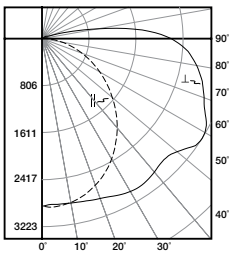
Spacing criterion: (II) 1.21 x mounting height, (⊥) 1.23 x mounting height

Lumens: 16460

Input Watts: 117W

Efficacy: 140.7 lm/W

Test Report: 8VT2-LD5-16-DR-UNV-L840-CD2-WL-U.IES



8VT2-LD5-16-DR-W-UNV-L840-CD2-WL-U

Electronic Driver

Linear LED 4000K

Spacing criterion: (II) 1.22 x mounting height, (⊥) 1.59 x mounting height

Lumens: 15236

Input Watts: 117W

Efficacy: 130.2 lm/W

Test Report: 8VT2-LD5-16-DR-W-UNV-L840-CD2-WL-U.IES

Energy and Performance Data

Lumen Maintenance

Ambient Temperature	TM-21 Lumen Maintenance (60,000 hours)	Theoretical L70 (Hours)
25°C	> 91%	> 237,000

Input Watts:
8VT2-LD5-9 (9,000 lumens)=66W
8VT2-LD5-12 (12,000 lumens)=100W
8VT2-LD5-16 (16,000 lumens)=117W
8VT2-LD5-22 (22,000 lumens)=165W

Shipping Data

Catalog No.	Wt.
8VT2-LD5	35 lbs.

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Specifications and dimensions
subject to change without notice.