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



Metalux

Vaportite LED

2' and 4' Industrial LED
Vaportite Industrial

Typical Applications

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

Interactive Menu

- Order Information page 2
- Photometric Data page 3
- Product Warranty

Product Certification

Product Features

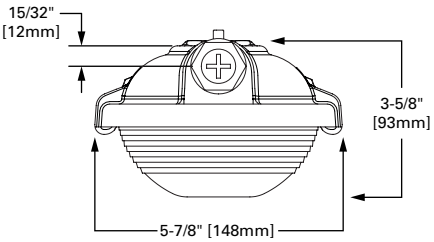
LINEAR DISCONNECT
Safe and convenient means of disconnecting power

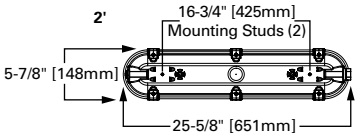
wet location

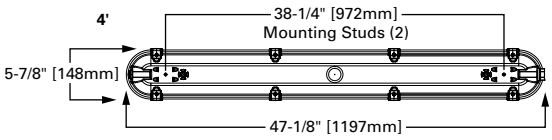
Top Product Features

- Compact and durable fiberglass reinforced polyester housing
- Precision optics in general, wide, or parking garage distribution
- High Impact Polycarbonate optical lens
- Available in 2ft and 4ft, with lumen packages up to 8,000 lumens
- Wet Location and IP67 Listed

Dimensional, Mounting Details

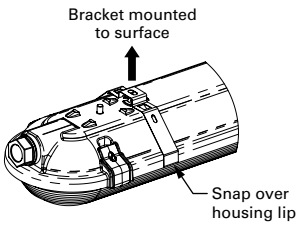




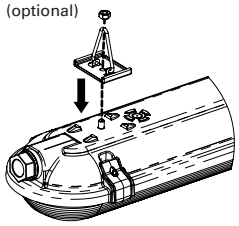


Installation Data

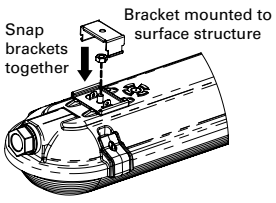
STANDARD



V-HANGER
(optional)



SURFACE BRACKET
(optional)



Order Information

SAMPLE ORDER NUMBER: **4VT3-LD5-6-G-UNV-L840-CD1-U**

Series	Lamp Type	LED Lumens Output	Distribution	Voltage	Remote Emergency Enclosure
Series [9]	**Lamp Type**	**LED Lumens Output**	**Distribution** [7], [8]	**Voltage**	**Remote Emergency Enclosure**
2VT3=2' Vaportite **4VT3**=4' Vaportite	**LD5**=LED 5.0	**2 ft.** **2**=2000 Lumens **3**=3000 Lumens **4**=4000 Lumens **4 ft.** **4**=4000 Lumens **5**=5000 Lumens **6**=6000 Lumens **8**=8000 Lumens	**G**=General Distribution **W**=Wide Distribution **P**=Parking Garage Distribution **WPC**=Wide Distribution, Polycarbonate **PPC**=Parking Distribution, Polycarbonate	**120V**=120 Volt **277V**=277 Volt **347V**=347 Volt **480V**=480 Volt **UNV**=Universal Voltage 120-277 Volt **UNC**=Universal Voltage 347-480 Volt	**EL10W**=10-watt, 120-277V emergency battery pack installed [1], [2], [5] **VT-REM-EL10W**=Remote mounted 10-watt, 120-277V emergency battery pack [1], [6]
Notes (9) DesignLights Consortium® Qualified and classified for both DLC Standard and DLC Premium, refer to www.designlights.org for details.			**Notes** (7) General distribution provided with smooth frosted lens, Wide distribution provided with frosted prismatic lens, and Parking Garage distribution provided with clear prismatic lens. (8) IP69 only available in Wide or Parking Garage distributions.		**Notes** (1) EL and REM-EL options not available with UNC, 347V and 480V configurations. (2) EL10W available in 4ft 4000 and 6000 lumen packages only. (3) IP ratings require fixtures be mounted horizontally. (4) Specify voltage when ordering sensor option. (5) EL10W option rated for max. 35°C ambient. (6) VT-REM-EL10W option rated for max. 45°C ambient.

Lamps	Driver Type	Options	Packaging	Accessories
Lamps	**Driver Type**	**Options**	**Packaging**	**Accessories (order separately)**
L835=3500K, LED **L840**=4000K, LED **L850**=5000K, LED	**CD1**=1 Dimming Driver **5LTD1**=Fifth Light DALI	**SSL**=Stainless Steel Latches **TP**=Standard Latch with Tamper-proof Screws **SSLTP**=Stainless Steel Latches with Tamper-proof Screws **MSWL20**=Wet Listed Motion Sensor 360° **HBE11**=Wet location PIR Indoor/Outdoor Occupancy Sensor [10]	**U**=Unit Pack	**VT3-SS-VBK**=Stainless Steel V-Bracket (2 per kit) **VT3-SS-SBK**=Stainless Steel Surface Bracket (2 per kit)
		Notes (10) 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
- Stainless steel latches option
- 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 55°C; Ideal for cold storage environments

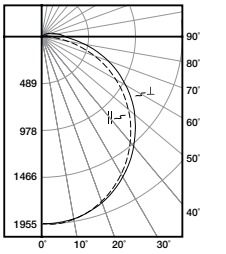
Lens
- Thermoformed low profile, high impact 50% DR High acrylic lens
- Smooth frosted lens for general distribution
- Frosted prismatic lens for wide distribution
- Clear prismatic lens for parking garage distribution

Warranty
- Five-year limited warranty

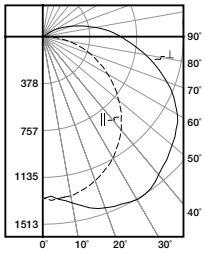
Compliance
- UL/cUL listed for Wet location
- RoHS compliant
- LED modules comply with IESNA LM-79 and LM-80 standards
- NEMA 4X, IP65, IP66 and IP67 rated (see installation instructions for requirements)
- IP69 rated with wide or parking garage distributions
- NSF International certified for NSF/ANSI Standard 2 – Food Equipment
- DesignLights Consortium® Qualified and classified for both DLC Standard and DLC Premium (refer to www.designlights.org for details)

Photometric Data

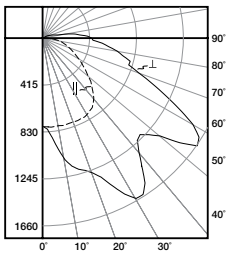
View IES files



4VT3-LD5-6-G-UNV-L840-CD1-U
Electronic Driver
Linear LED 4000K
Spacing criterion: (II) 1.24 x mounting height, (⊥) 1.26 x mounting height
Lumens: 6033
Input Watts: 51.1W
Efficacy: 118.1 lm/W
Test Report: 4VT3-LD5-6-G-UNV-L840-CD1-U.IES



4VT3-LD5-6-W-UNV-L840-CD1-U
Electronic Driver
Linear LED 4000K
Spacing criterion: (II) 1.27 x mounting height, (⊥) 1.67 x mounting height
Lumens: 6655
Input Watts: 49.3W
Efficacy: 135 lm/W
Test Report: 4VT3-LD5-6-W-UNV-L840-CD1-U.IES



4VT3-LD5-6-P-UNV-L840-CD1-U
Electronic Driver
Linear LED 4000K
Spacing criterion: (II) 1.45 x mounting height, (⊥) 2.17 x mounting height
Lumens: 6050
Input Watts: 49.3W
Efficacy: 122.7 lm/W
Test Report: 4VT3-LD5-6-P-UNV-L840-CD1-U.IES

Energy and Performance Data by Catalog Number

Catalog Number	Description	Delivered Lumens	Watts	Efficacy (lm/W)
General				
2VT3-LD5-2-G-UNV-L850-CD1-U	2ft Vaportight, 2K Lumen, General Dist, 120-277V, 5000K, Dim	2203	16	138
2VT3-LD5-3-G-UNV-L850-CD1-U	2ft Vaportight, 3K Lumen, General Dist, 120-277V, 5000K, Dim	3334	24	139
2VT3-LD5-4-G-UNV-L850-CD1-U	2ft Vaportight, 4K Lumen, General Dist, 120-277V, 5000K, Dim	4366	32	136
4VT3-LD5-4-G-UNV-L850-CD1-U	4ft Vaportight, 4K Lumen, General Dist, 120-277V, 5000K, Dim	4428	32	138
4VT3-LD5-5-G-UNV-L850-CD1-U	4ft Vaportight, 5K Lumen, General Dist, 120-277V, 5000K, Dim	5405	44	124
4VT3-LD5-6-G-UNV-L850-CD1-U	4ft Vaportight, 6K Lumen, General Dist, 120-277V, 5000K, Dim	6490	51	127
4VT3-LD5-8-G-UNV-L850-CD1-U	4ft Vaportight, 8K Lumen, General Dist, 120-277V, 5000K, Dim	8694	67	130
Wide				
2VT3-LD5-2-W-UNV-L850-CD1-U	2ft Vaportight, 2K Lumen, Wide Dist, 120-277V, 5000K, Dim	2445	17	144
2VT3-LD5-3-W-UNV-L850-CD1-U	2ft Vaportight, 3K Lumen, Wide Dist, 120-277V, 5000K, Dim	3547	25	142
2VT3-LD5-4-W-UNV-L850-CD1-U	2ft Vaportight, 4K Lumen, Wide Dist, 120-277V, 5000K, Dim	4700	34	138
4VT3-LD5-4-W-UNV-L850-CD1-U	4ft Vaportight, 4K Lumen, Wide Dist, 120-277V, 5000K, Dim	4767	31	154
4VT3-LD5-5-W-UNV-L850-CD1-U	4ft Vaportight, 5K Lumen, Wide Dist, 120-277V, 5000K, Dim	5818	44	133
4VT3-LD5-6-W-UNV-L850-CD1-U	4ft Vaportight, 6K Lumen, Wide Dist, 120-277V, 5000K, Dim	7159	49	146
4VT3-LD5-8-W-UNV-L850-CD1-U	4ft Vaportight, 8K Lumen, Wide Dist, 120-277V, 5000K, Dim	9552	70	136
Parking				
2VT3-LD5-2-P-UNV-L850-CD1-U	2ft Vaportight, 2K Lumen, Parking Garage, 120-277V, 5000K, Dim	2228	17	131
2VT3-LD5-3-P-UNV-L850-CD1-U	2ft Vaportight, 3K Lumen, Parking Garage, 120-277V, 5000K, Dim	3231	25	129
2VT3-LD5-4-P-UNV-L850-CD1-U	2ft Vaportight, 4K Lumen, Parking Garage, 120-277V, 5000K, Dim	4271	34	126
4VT3-LD5-4-P-UNV-L850-CD1-U	4ft Vaportight, 4K Lumen, Parking Garage, 120-277V, 5000K, Dim	4338	31	140
4VT3-LD5-5-P-UNV-L850-CD1-U	4ft Vaportight, 5K Lumen, Parking Garage, 120-277V, 5000K, Dim	5294	44	121
4VT3-LD5-6-P-UNV-L850-CD1-U	4ft Vaportight, 6K Lumen, Parking Garage, 120-277V, 5000K, Dim	6509	49	133
4VT3-LD5-8-P-UNV-L850-CD1-U	4ft Vaportight, 8K Lumen, Parking Garage, 120-277V, 5000K, Dim	8671	69	126

Lumen Maintenance

Ambient Temperature	TM-21 Lumen Maintenance (60,000 hours)	Theoretical L70 (Hours)
25°C	> 91%	> 247,000

Input Watts:
4VT3LD5-4 (4,000 lumens)=31W
4VT3-LD5-5 (5,000 lumens)=44W
4VT3-LD5-6 (6,000 lumens)=49W
4VT3-LD5-8 (8,000 lumens)=69W

Ambient Ratings

2ft. Lumen Package	Ambient Rating
2VT3-LD5-2	55°C
2VT3-LD5-3	50°C
2VT3-LD5-4	50°C

4ft. Lumen Package	Ambient Rating
4VT3-LD5-4	55°C
4VT3-LD5-5	50°C
4VT3-LD5-6	50°C
4VT3-LD5-8	45°C

Shipping Data

Catalog No.	Wt.
4VT3-LD5	12 lbs.

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P: 770-486-4800
www.cooperlighting.com

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Specifications and dimensions subject to change without notice.