

VAPORTITE LED



*Premium Industrial Lighting for
Outlaw Turnstile Canopies and EntraBOX Systems*



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The Vaportite LED Series is an energy efficient industrial Vaportite fixture that features rugged and durable construction. The Vaportite LED incorporates a full metal fixture liner inside a reinforced fiberglass housing with a high impact diffuser. This Vaportite series is suitable for interior and exterior applications and can be surface or chain mounted.

The Vaportite LED Series has been designed for maximum operation in commercial institutional and industrial environments and can operate in a wide range of temperatures (-40°C to 55°C) and is ideal for cold storage environments.

SPECIFICATION FEATURES

Construction

Compression molded self-extinguishing fiberglass reinforced polyester compound with UL 5V flame rating (ASTM D635-74). Standard housings available with one 7/8" conduit entry point on both ends. Polyurethane gasketing is formed in the housing providing a continuous seamless seal for the diffuser. Durable cam latches clamp diffuser tightly for a positive seal between housing, gasketing and diffuser. Electrical components and fixtures are UL/ cUL listed for Wet Locations. -40°C to 55°C ambient ratings.

Electrical

Long-Life LED system coupled with electrical driver to deliver optimal performance. LED's available in 3500, 4000 and 5000K with a CRI ≥ 80. Projected life is 60,000 hours at 91% lumen output. cULus listed. Electronic drivers are available for 120-277V applications. A 0-10V dimming control is available (standard).

Lens

Thermoformed low profile, high impact 50% DR acrylic lens. General distribution offered with smooth frosted lens. Wide distribution offered with frosted prismatic lens. Parking garage distribution offered in clear prismatic lens.

Construction

Compact and durable fiberglass reinforced polyester housing
High Impact polycarbonate optical lens
Sealed and gasketed
Suitable for interior and exterior applications
Surface or chain mounted

Performance

High-Performance efficacy up to 154 lm/W, DLC Premium qualified
Precision optics in general, wide, or parking garage distribution
Available in 2ft and 4ft, with lumen packages up to 8,000 lumens
IP67 Listed
NSF International certified for NSF/ANSI Standard 2 - Food Equipment
Wet Locations listed and can operate in -40°C to 55°C ambient ratings

Mounting



Distribution



Compliance and approvals



Warranty

Vaportite LED features a five year limited warranty.

Compliance

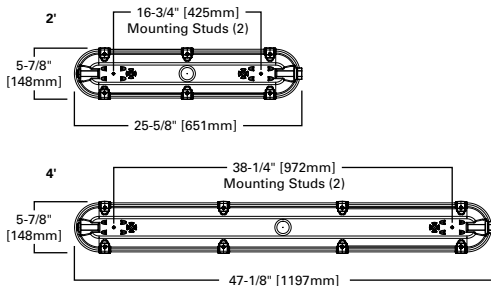
UL/cUL listed for Wet location. RoHS compliant, and LED modules comply with IESNA LM-79 and LM-80 standards. NEMA 4X, IP65, IP66 and IP67 rated (see installation instructions for requirements). IP69 rated with Wide or Parking Garage distributions. NSF International certified for NSF/ANSI Standard 2 -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

2' AND 4' INDUSTRIAL LED

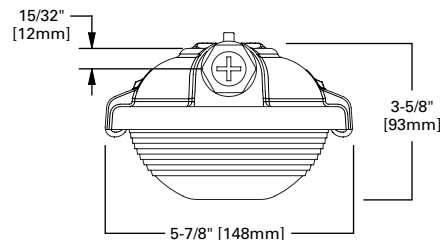
Vaportite Industrial



MOUNTING DATA

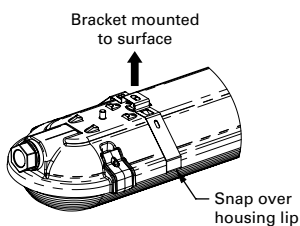


DIMENSIONS

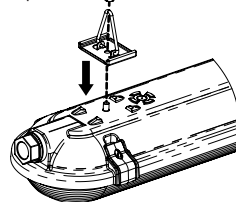


INSTALLATION DATA

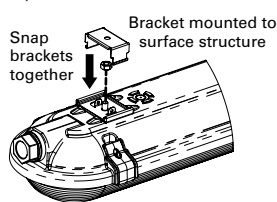
STANDARD



V-HANGER (optional)



SURFACE BRACKET (optional)



ENERGY DATA

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



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-LD5-6-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-LD5-6-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-LD5-6-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

AMBIENT RATINGS

2ft. Lumen Package	Ambient Rating	4ft. Lumen Package	Ambient Rating
2VT3-LD5-2	55°C	4VT3-LD5-4	55°C
2VT3-LD5-3	50°C	4VT3-LD5-6	50°C
2VT3-LD5-4	50°C	4VT3-LD5-8	45°C

ORDERING INFORMATION

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

<p>Series ⁽⁹⁾ 2VT3=2' Vaportite 4VT3=4' Vaportite</p>	<p>Distribution ^{(7), (8)} G=General Distribution W=Wide Distribution P=Parking Garage Distribution WPC=Wide Distribution, Polycarbonate PPC=Parking Distribution, Polycarbonate</p>	<p>Lamps L835=3500K, LED L840=4000K, LED L850=5000K, LED</p>	<p>Options 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°</p>	<p>Packaging U=Unit Pack</p>				
<p>Lamp Type LD5=LED 5.0</p>	<p>Voltage 120V=120 Volt 277V=277 Volt 347V=347 Volt 480V=480 Volt UNV=Universal Voltage 120-277 Volt UNC=Universal Voltage 347-480 Volt</p>	<p>Driver Type CD1=1 Dimming Driver 5LTD1=Five Light DALI</p>	<p>ACCESSORIES (Order Separately) VT3-SS-VBK=Stainless Steel V-Bracket (2 per kit) VT3-SS-SBK=Stainless Steel Surface Bracket (2 per kit)</p>					
<p>LED Lumens Output 2 ft. 2=2000 Lumens 3=3000 Lumens 4=4000 Lumens 4 ft. 4=4000 Lumens 6=6000 Lumens 8=8000 Lumens</p>	<p>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)}</p>	<p>SHIPPING DATA</p> <table border="1"> <tr> <th>Catalog No.</th> <th>Wt.</th> </tr> <tr> <td>4VT3-LD5</td> <td>12 lbs.</td> </tr> </table>			Catalog No.	Wt.	4VT3-LD5	12 lbs.
Catalog No.	Wt.							
4VT3-LD5	12 lbs.							

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. ⁽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. ⁽⁹⁾DesignLights Consortium® Qualified and classified for both DLC Standard and DLC Premium, refer to www.designlights.org for details.

Specifications & dimensions subject to change without notice. Consult your Eaton Representative for availability and ordering information.