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

Fail-Safe

Vaportite LED

8' Tamper Resistant LED Vaportite

Typical Applications

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

Interactive Menu

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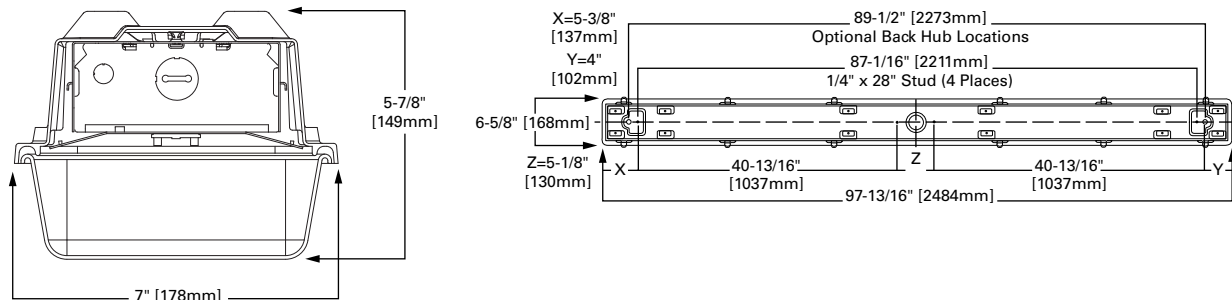- Photometric Data page 2
- Product Warranty

Product Certification

UL CERTIFIED · RoHS Compliant · IP65 · NSF · ISO SYSTEMS CERTIFIED

Product Features

LINEAR DISCONNECT — Designed to provide safe and convenient means of disconnecting power · wet location · 5 YEAR LIMITED WARRANTY · BAA COMPLIANT OPTION BUY AMERICA ACT AVAILABLE
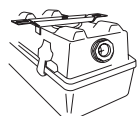
Top Product Features

- 2ft, 4ft, and 8ft Sealed and Gasketed Tamper Resistant 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
- Options to meet Buy American and other domestic preference requirements
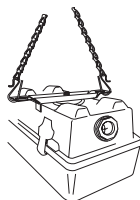
Dimensional and Mounting Details

5-7/8" [149mm]

7" [178mm]

X=5-3/8" [137mm]
Y=4" [102mm]
6-5/8" [168mm]
Z=5-1/8" [130mm]

89-1/2" [2273mm]
Optional Back Hub Locations
87-1/16" [2211mm]
1/4" x 28" Stud (4 Places)
40-13/16" [1037mm]
40-13/16" [1037mm]
97-13/16" [2484mm]

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

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Order Information

SAMPLE ORDER NUMBER: **8VRVT2-LD5-9-DR-UNV-L840-CD1-WL-U**

Domestic Preferences	Series	Lamp Type	LED Lumens Output	Lens	Distribution	Voltage	Remote Emergency Enclosure
Domestic Preferences (5)	Series	Lamp Type	LED Lumens Output	Lens	Distribution	Voltage	Remote Emergency Enclosure
[Blank]=Standard **BAA**=Buy American Act **TAA**=Trade Agreements Act	**8VRVT2**=8' Tamper Resistant 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 (5) Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements				**Notes** (1) Not available in wide distribution.			**Notes** (2) EL must specify 120 or 277V only.

Lamps	Driver Type	Label	Options	Packaging		Accessories
Lamps	Driver Type	Label	Options	Packaging		Accessories (order separately) (6)
L835=3500K, LED **L840**=4000K, LED **L850**=5000K, LED **LG52**=Green 520nm LED **LA59**=Amber 590nm LED **LR63**=Red 630nm 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	**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 (6) Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.

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
- Torx (R) Tamperproof Screws to prevent unauthorized access

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
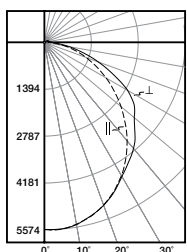- Housing is permanent pearl gray color
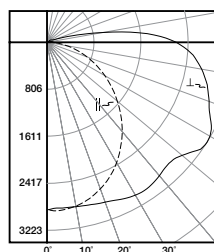
Warranty
- Five-year limited warranty

Compliance
- UL/cUL listed for Wet location
- RoHS compliant
- LED modules comply with IESNA LM-79 and LM-80 standards

Photometric Data

View IES files

8VRVT2-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: 8VRVT2-LD5-16-DR-UNV-L840-CD2-WL-U.IES

8VRVT2-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: 8VRVT2-LD5-16-DR-W-UNV-L840-CD2-WL-U.IES

Energy and Performance Data

Color LED

Catalog Number	Description	Delivered Lumens					Watts	Efficacy				
		Lensing						Lensing				
		DR	DR-W	DR100	DR100-W	FR50		DR	DR-W	DR100	DR100-W	FR50
8VRVT2-LD5-9-XX-UNV-LR63-CD1-WL-U	8ft, Vaportight, 9000 lumens UNV, Red 630nm	1449	1386	1450	1390	1434	170	9	8	9	8	8
8VRVT2-LD5-9-XX-UNV-LA59-CD1-WL-U	8ft, Vaportight, 9000 lumens UNV, Amber 590nm	2535	2426	2537	2432	2510	101	25	24	25	24	25
8VRVT2-LD5-9-XX-UNV-LG52-CD1-WL-U	8ft, Vaportight, 9000 lumens UNV, Green 520nm	7243	6932	7249	6949	7172	156	46	44	46	45	46
8VRVT2-LD5-12-XX-UNV-LR63-CD1-WL-U	8ft, Vaportight, 12000 lumens UNV, Red 630nm	1983	1898	1985	1902	1964	262	8	7	8	7	7
8VRVT2-LD5-12-XX-UNV-LA59-CD1-WL-U	8ft, Vaportight, 12000 lumens UNV, Amber 590nm	3470	3321	3473	3329	3436	155	22	21	22	22	22
8VRVT2-LD5-12-XX-UNV-LG52-CD1-WL-U	8ft, Vaportight, 12000 lumens UNV, Green 520nm	9915	9490	9923	9512	9818	241	41	39	41	39	41
8VRVT2-LD5-16-XX-UNV-LR63-CD1-WL-U	8ft, Vaportight, 16000 lumens UNV, Red 630nm	2634	2438	2637	2438	2600	303	9	8	9	8	9
8VRVT2-LD5-16-XX-UNV-LA59-CD1-WL-U	8ft, Vaportight, 16000 lumens UNV, Amber 590nm	4609	4266	4615	4267	4550	179	26	24	26	24	25
8VRVT2-LD5-16-XX-UNV-LG52-CD1-WL-U	8ft, Vaportight, 16000 lumens UNV, Green 520nm	13168	12189	13186	12191	13000	279	47	44	47	44	47
8VRVT2-LD5-22-XX-UNV-LR63-CD1-WL-U	8ft, Vaportight, 22000 lumens UNV, Red 630nm	3442	3186	3447	3187	3398	427	8	7	8	7	8
8VRVT2-LD5-22-XX-UNV-LA59-CD1-WL-U	8ft, Vaportight, 22000 lumens UNV, Amber 590nm	6024	5576	6032	5577	5947	252	24	22	24	22	24
8VRVT2-LD5-22-XX-UNV-LG52-CD1-WL-U	8ft, Vaportight, 22000 lumens UNV, Green 520nm	17211	15931	17234	15934	16992	393	44	41	44	41	43

Lumen Maintenance

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

Input Watts:
8VRVT2-LD5-9 (9,000 lumens)=66W
8VRVT2-LD5-12 (12,000 lumens)=100W
8VRVT2-LD5-16 (16,000 lumens)=117W
8VRVT2-LD5-22 (22,000 lumens)=165W

Shipping Data

Catalog No.	Wt.
8VRVT2-LD5	35 lbs.

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