

Project		Catalog #		Type	
Prepared by		Notes		Date	



# Metalux

## Vaportite LED Selectable

VT3 Selectable CCT and Lumen  
Industrial LED Vaportite

### 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



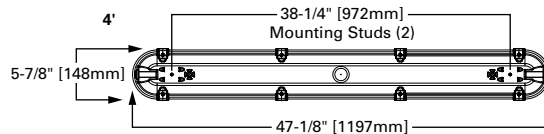
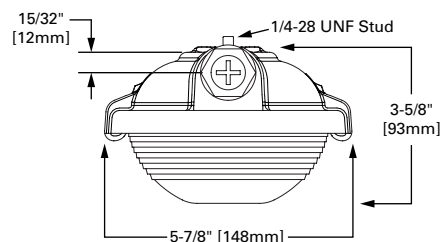
### Product Features



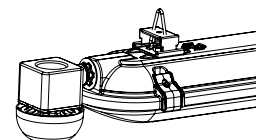
### Top Product Features

- CCT and Lumen select with up to (3) CCT and lumen choices
- Compact and durable fiberglass reinforced polyester housing
- Precision optics in general, wide, or parking garage distribution
- Impact protection rating IK07 Lens and IK07 Housing
- High Impact Polycarbonate optical lens
- Wet Location and IP67 Listed

### Dimensional, Mounting Details

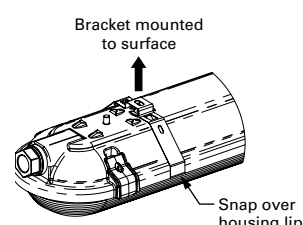


WLS2, WLS4, and WPS4 Sensors

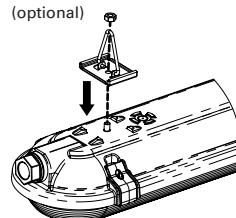


### Installation Data

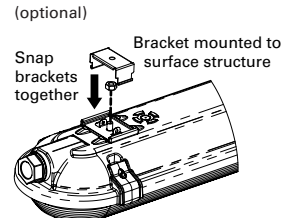
#### STANDARD



#### V-HANGER (optional)



#### SURFACE BRACKET (optional)



## Order Information

SAMPLE ORDER NUMBER: **4VT3-SL3C3-G-UNV**

Domestic Preferences	Series	Distribution	Voltage	Remote Emergency Enclosure
Domestic Preferences <sup>(1)</sup>	Series <sup>(2)</sup>	Distribution <sup>(3), (4)</sup>	Voltage	Remote Emergency Enclosure
<b>[Blank]</b> =Standard <b>BAA</b> =Buy American Act <b>TAA</b> =Trade Agreements Act	<b>4VT3-SL3C3</b> =VT3 Selectable <b>Selectable Lumens</b> (See table on pg. 3 for details) 4000/5100/6400 <b>Selectable Color</b> 3000K/3500K/4000K	<b>G</b> =General Distribution <b>W</b> =Wide Distribution <b>P</b> =Parking Garage Distribution <b>WPC</b> =Wide Distribution, Polycarbonate <b>PPC</b> =Parking Distribution, Polycarbonate	<b>UNV</b> =Universal Voltage 120-277 Volt	<b>EL10W</b> =10-watt, 120-277V emergency battery pack installed <sup>(6), (7)</sup> <b>VT-REM-EL10W</b> =Remote mounted 10-watt, 120-277V emergency battery pack <sup>(8)</sup>
<b>Notes</b> (1) 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 <a href="#">DOMESTIC PREFERENCES</a> website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.	<b>Notes</b> (2) DesignLights Consortium® Qualified and classified for DLC Standard, refer to <a href="#">www.designlights.org</a> for details.	<b>Notes</b> (3) General distribution provided with smooth frosted lens, Wide distribution provided with frosted prismatic lens, and Parking Garage distribution provided with clear prismatic lens. (4) IP69 only available in Wide or Parking Garage distributions.		<b>Notes</b> (6) IP ratings require fixtures be mounted horizontally. (7) EL10W option rated for max. 35°C ambient. (8) VT-REM-EL10W option rated for max. 45°C ambient.

Driver Type	Options	Packaging	Accessories
Driver Type	Options	Packaging	Accessories (order separately) <sup>(11)</sup>
<b>[Blank]</b> =Standard (0-10V Driver, 10%-100%)	<b>SSL</b> =Stainless Steel Latches <b>TP</b> =Standard Latch with Tamper-proof Screws <b>SSLTP</b> =Stainless Steel Latches with Tamper-proof Screws <b>MSWL20</b> =Wet Listed Motion Sensor 360°, Non-dimming <b>WPS4</b> =WaveLinx PRO Wireless Sensor, Sidecar mount, with 1200 sq ft. coverage <sup>(9)</sup> <b>WLS4</b> =WaveLinx LITE Wireless Sensor, Sidecar mount, 15' - 40' Mounting Height <sup>(9), (10)</sup> <b>WLS2</b> =WaveLinx LITE, Integrated Sensor, Bluetooth Programmable, 7' - 15' Mounting <sup>(9), (10)</sup>	<b>[Blank]</b> =Unit Pack	<b>VT3-SS-VBK</b> =Stainless Steel V-Bracket (2 per kit) <b>VT3-SS-SBK</b> =Stainless Steel Surface Bracket (2 per kit)
	<b>Notes</b> (9) Not compatible with EL10W. (10) WaveLinx LITE devices are not currently compatible with the WaveLinx PRO Wireless Area Controller.		<b>Notes</b> (11) 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
- Die formed metal chassis and electrical tray
- 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
- Impact protection rating IK07 Lens and IK07 Housing
- IK10 for polycarb lens with parking and wide distribution

## Controls

- Integral 360° motion sensor, 1200 sq. ft. coverage
- WaveLinx Pro Wireless Sensor provides 1200 sq. ft. coverage for occupancy sensing and daylight harvesting
- WaveLinx Lite Wireless sensor suitable for low or high bay applications up to 40ft (45ft major motion).
- All fixtures with sensor come with two (2) hubs as standard

**WaveLinx LITE devices are not currently compatible with the WaveLinx Pro Wireless Area Controller**

## Electrical

- Selectable lumen output choices of low, medium, high
- Selectable Color temperature choices in 3000K, 3500K and 4000K with a CRI  $\geq$  80
- Projected life is 60,000 hours at 89% lumen output
- Driver 120-277V with 0-10V dimming control standard
- Default CCT/Lumen setting is 4000K and Medium Power
- 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
- 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)
- Acrylic lenses are IK07 Rated, and optional Polycarbonate lenses are IK10 Rated

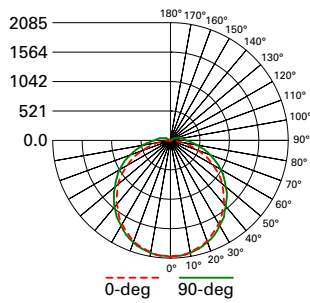


## Control Solutions

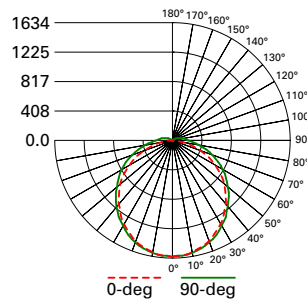
- WaveLinx LITE wireless
- WaveLinx PRO wireless
- WaveLinx CAT wired
- WaveLinx Wired



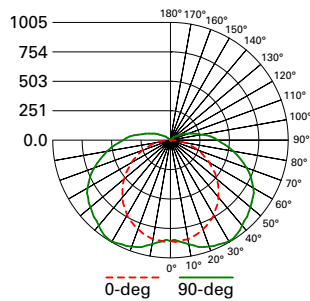
## Photometric Data

 View IES files


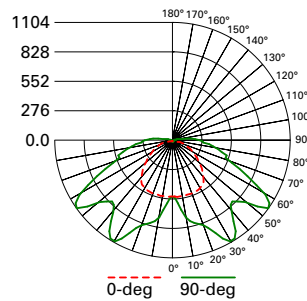
**4VT3-SL3C3-G-UNV HIGH 4000K**  
 Electronic Driver  
 Linear LED 4000K  
 Spacing criterion: (II) 1.24 x mounting height, (L) 1.28 x mounting height  
 Lumens: 6580  
 Input Watts: 50.2W  
 Efficacy: 131 lm/W  
 Test Report:  
 4VT3-SL3C3-G-UNV-HIGH-4000K. IES



**4VT3-SL3C3-G-UNV MED 4000K**  
 Electronic Driver  
 Linear LED 4000K  
 Spacing criterion: (II) 1.24 x mounting height, (L) 1.28 x mounting height  
 Lumens: 5156  
 Input Watts: 37.6W  
 Efficacy: 137 lm/W  
 Test Report:  
 4VT3-SL3C3-G-UNV-MID-4000K. IES



**4VT3-SL3C3-W-UNV MED 4000K**  
 Electronic Driver  
 Linear LED 4000K  
 Spacing criterion: (II) 1.28 x mounting height, (L) 1.68 x mounting height  
 Lumens: 4421  
 Input Watts: 29.2W  
 Efficacy: 151 lm/W  
 Test Report:  
 4VT3-SL3C3-W-UNV-MID-4000K. IES



**4VT3-SL3C3-P-UNV LOW 4000K**  
 Electronic Driver  
 Linear LED 4000K  
 Spacing criterion: (II) 1.46 x mounting height, (L) 2.18 x mounting height  
 Lumens: 4024  
 Input Watts: 29.2W  
 Efficacy: 138 lm/W  
 Test Report:  
 4VT3-SL3C3-P-UNV-LOW-4000K. IES



## Energy and Performance Data by Catalog Number

Size	Catalog Number	Lumen Setting	CCT	CRI (Min)	Delivered Nominal Lumens	Watts	Efficacy (lm/W)
4FT	4VT3-SL3C3-G-UNV	Low	3000K	80	3828	29.3	131
			3500K	80	4055	28.5	142
			4000K	80	4107	29.2	141
		Medium	3000K	80	4796	37.6	128
			3500K	80	5129	36.5	141
			4000K	80	5156	37.6	137
		High	3000K	80	6126	50.1	122
			3500K	80	6622	48.3	137
			4000K	80	6580	50.2	131

## Lumen Maintenance

Ambient Temperature	TM-21 Lumen Maintenance (60,000 hours)	Theoretical L70 (Hours)
25°C	> 89%	> 185,000

4ft. Lumen Package	Ambient Rating
4VT3-SL3C3	50°C

## Shipping Data

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

## Shielding

Lens Type	Lumen Factor
G	1.00
P, PPC	0.98
W, WPC	1.08

## IK Rating

VT3S	IK Rating
Lens	IK07
Housing	IK07
PC Lens	IK10
PPC Lens	IK10