

Project		Catalog #		Type	
Prepared by		Notes		Date	



# Fail-Safe VRVT1 Selectable

4' and 8' Vandal-resistant Vaportite CCT and Lumen Selectable

## Typical Applications

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

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## Product Certification



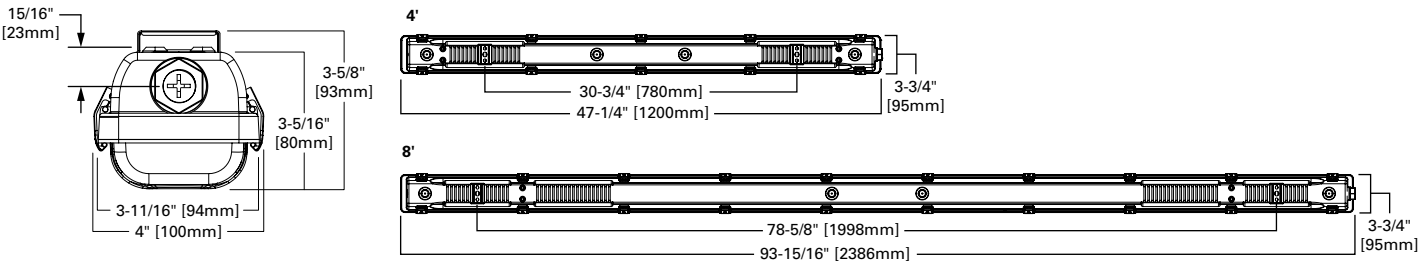
## Product Features



## Top Product Features

- Lumen and CCT select option provide application versatility
- 2-piece easy access design: captive lens, electrical and housing enclosures
- Vandal-resistant and tamper-resistant screws
- Durable high impact IK10 optical lens and housing
- Stainless steel latches, single conduit, and mounting included
- Standard 0-10V dimming to 10% for more energy savings
- Emergency and sensor options available for commercial applications

## Dimensional Details



## Order Information by Catalog Number

Default CCT/Lumen Setting: 4000K / Med Power

Catalog Number	UPC	Lumen Setting	Nominal CCT (K)	120V			277V		
				Nominal Lumens	Watts	Efficacy (lm/W)	Nominal Lumens	Watts	Efficacy (lm/W)
4VRVT1-SL3C3	080083266371	Low Power	3500	3043	21	144	3036	22	140
			4000	3138	21	151	3128	21	147
			5000	2988	22	138	2977	22	134
		Med Power	3500	4452	32	137	4443	33	137
			4000	4620	32	146	4614	32	145
			5000	4231	33	128	4242	33	127
		High Power	3500	5906	46	127	5911	46	129
			4000	6254	45	139	6241	45	140
			5000	5667	47	120	5531	46	120
8VRVT1-SL3C3	080083266333	Low Power	3500	8726	59	149	8835	60	147
			4000	8591	59	146	8658	60	144
			5000	8379	59	142	8427	60	140
		Med Power	3500	10483	78	135	10461	78	134
			4000	10321	78	132	10251	78	131
			5000	10066	78	129	9977	78	128
		High Power	3500	11664	94	124	11480	92	125
			4000	11484	94	122	11249	92	122
			5000	11200	94	119	10949	92	119

## Factory Installed Option

Catalog Number	Sensor and Emergency
4VRVT1-SL3C3-_____	<b>EL10W</b> =10-watt, 120-277V emergency battery pack installed <sup>c</sup> <b>WPS4</b> =WaveLinX Pro Wireless Sensor, Sidecar mount, 1200 sq ft. coverage at 40ft MH <sup>(2), (3), (4)</sup> <b>WLS4</b> =WaveLinX Lite Wireless Sensor, Sidecar mount, 15' - 40' Mounting Height <sup>(2), (3), (4)</sup> <b>MSWL20</b> =Wet Listed Motion Sensor 360° <sup>(3)</sup>
8VRVT1-SL3C3-_____	

Example: 4VRVT1-SL3C3-EL10W

Notes: (1) IP ratings require fixtures to be mounted horizontally. 40C max ambient for EL option.

(2) WaveLinX Lite devices are not currently compatible with the WaveLinX Pro Wireless Area Controller.

(3) All fixtures with sensor come with two (2) hubs as standard.

(4) Wavelinx not available with EL10W option.

## Energy Data - 120V

	4'	8'
PF	0.99	0.99
THD %	<15	< 15
Low Temp Start	-20° C	-20° C

## Shipping Data

Catalog Base	Wt. (lbs)	Unit per Pallet	Case Pack Qty.
4VRVT1	4.8	100	4
8VRVT1	9.7	70	2

## Accessories

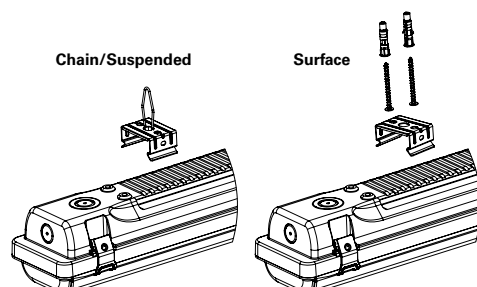
Catalog Number	Description
VT2 WATER TIGHT HUB	(1) Water tight hub parts bag
AYC-CHAIN HANGER SET	(2) 36" Chain Hanger (Use 1 set per fixture)
APVT-SS-CLIPS PK	(5) Stainless Steel APVTS replacement clips

## IK Rating

APVTS	IK Rating
Lens	IK10
Housing	IK10

## Mounting Data

Mounting hardware included with luminaire



## Product Specifications

### Construction

- High-impact polycarbonate housing with integrated metal gear tray
- Standard housing available with one 1/2" entry point. One conduit hub included with fixture.
- Stainless steel latches secures diffuser tightly for a positive seal between housing and diffuser
- Stainless steel latches are secured with field installed tamper-resistant Torx screws
- Captive lens and gear tray light engine enclosure drops for easy electrical access by contractor
- Marked KO entry points for continuous feed installation and multiple entry points
- Continuous feed requires additional conduit hub. Order hub separately
- Impact protection rating IK10 Lens and IK10 Housing

### Emergency Battery Pack Option

- Factory installed 120V-277V integral emergency battery pack available via mod-shop
- 90-minute backup period for code compliance
- Factory installed integral test switch visible through lens
- Max ambient temp with EL battery pack is 40°C (104°F)

### Electrical

- 0-10V dimming, 10% standard
- Driver meets FCC part 15 Class B for use in residential or commercial applications
- Long-Life LED system with an energy-efficient electronic driver comes in 120-277V
- LED's are 80 CRI and CCT Selectable option available for maximum color flexibility: choose from 3500K, 4000K or 5000K
- Lumen select switch provides three lumen package choices (Low, Medium and High) in selectable options
- L70 at >160,000 hours (TM-21)
- Default CCT/Lumen Setting is 4000K and Med Power

### Lens

- UV stabilized high-impact polycarbonate lens
- Lens is IK10 rated for impact protection
- Diffuse lens provides medium distribution and general coverage

### 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

### Mounting

- Includes surface mount clips and v-bracket
- Great for mounting heights between 9 and 12ft high

### Warranty

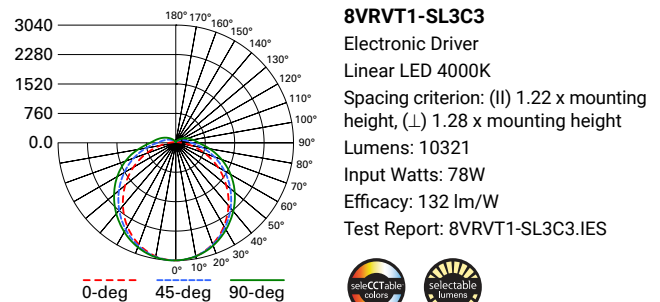
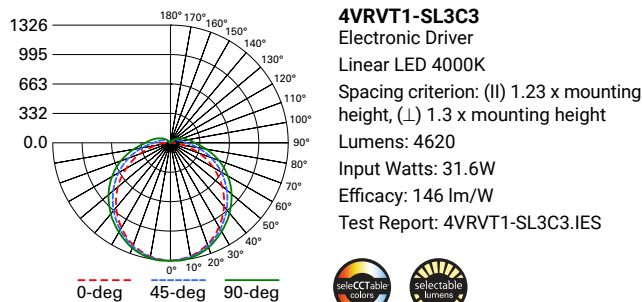
- Five year limited warranty

### Compliance

- cULus listed for wet location rated
- Recommended operating ambient temp -20°C to 45°C (-4°F to 113°F)
- LED's comply with IESNA LM-79 and LM-80 standards
- DesignLights Consortium® Qualified and classified for DLC Standard, refer to www.designlights.org for details
- RoHS compliant
- FCC part 15 Class B (residential) compliant with standard 0-10V dimming driver, battery packs excluded
- Not for residential use if emergency battery pack is installed

## Photometric Data

[View IES files](#)



## Control Solutions

- WaveLinX LITE wireless
- WaveLinX PRO wireless
- WaveLinX CAT wired
- WaveLinX Wired



The VRVT1 with WaveLinX offers no-hassle lighting control with multiple luminaire level control solutions.



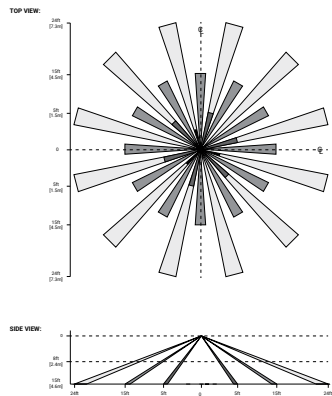
**WaveLinX PRO** is a wireless lighting control solution, for connected spaces, that significantly reduces a building's energy consumption. From a single floor to an entire campus, WaveLinX PRO connects more than lighting assets; it shares aggregated sensor data with the WaveLinX CORE platform and other building systems, so building owners can improve operations, spaces environment, and tenants' experience. WaveLinX PRO offers a rich portfolio of wireless devices, WaveLinX PRO-enabled luminaires, and an intuitive WaveLinX mobile app for office, education, warehouse, and parking garage applications.



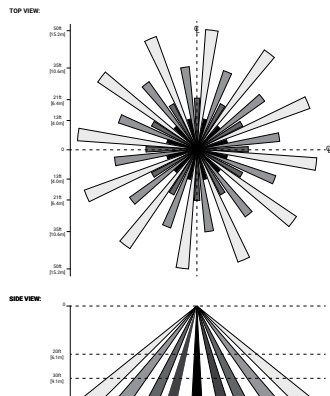
**WaveLinX LITE** is a cost effective, wireless digital lighting control solution, with out-of-the-box functionality, that saves energy and meets code. It's designed for applications that require occupancy-based, daylighting, or manual light control. Customize installations for office, education, warehouse and parking garages using the secure, simple mobile app.

## Integrated Sensor Coverage Pattern

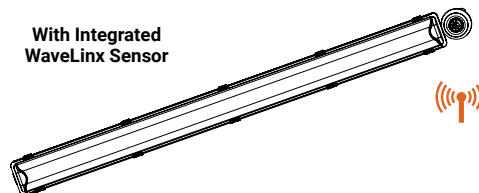
WaveLinX PRO/LITE Sensor – WLS2 and WPS2



WaveLinX PRO/LITE Sensor – WLS4 and WPS4



With Integrated WaveLinX Sensor



### Integrated Controls Options

Option	Out of the Box Functionality	Luminaire Level Lighting Control (LLLC)	Automatic Dimming Photocell	Occupancy Sensing	CCT Control
WLS	X	X	X	X	
WPS		X	X	X	

## Systems comparison chart

Cooper Lighting Solutions provides many lighting system solutions designed to satisfy code requirements and meet the unique needs of any project.



**Luminaire with standalone sensor**



**Standalone Spaces WaveLinX LITE**



**Standalone Spaces WaveLinX CAT**



**Networked Spaces WaveLinX PRO**



**Enterprise WaveLinX CORE**

	Luminaire with standalone sensor	Standalone Spaces WaveLinX LITE	Standalone Spaces WaveLinX CAT	Networked Spaces WaveLinX PRO	Enterprise WaveLinX CORE
Occupancy	Yes	Yes	Yes	Yes	Yes
Daylighting	Yes	Yes	Yes	Yes	Yes
Wallstations	–	Yes	Yes	Yes	Yes
Gateways	–	–	–	1 WAC	300 WACs
Devices (MAX)	–	40 per Area (1120 per space)	40 per Area	200 per WAC2	32,500 per CORE Enterprise
Software	–	WaveLinX LITE Mobile App	WaveLinX CAT Mobile App	WaveLinX Mobile App	CORE
Areas	–	28 per Space	Unlimited	50 per WAC2	up to 3,000
Zones	–	16 per Area	16 per Area	16 per Area	up to 9,000
Scheduling	–	–	–	Local	Global
VividTune™	–	–	–	Yes	Yes
Plug-Load Control	–	Yes	Yes	Yes	Yes
Low-Voltage Power	–	–	Yes	Yes	Yes
Integration	–	–	–	–	BACnet, API
Dashboards	–	–	–	–	Energy, Occupancy
Configuration	–	Installer	Installer	Technician	Technician / IT