

## VaporTight LED Fixture

**VT**

### Features and Target Specifications

#### Applications

Demanding environments that require a watertight seal, such as food-processing facilities and cold/freezer environments. Wide thermal operating range from 32°F to 113°F (0°C to 45°C).

#### Certification

UL Listed for Wet Locations. DesignLights Consortium® qualified as a low-bay luminaire for commercial and industrial buildings and linear ambient luminaires (direct). IP65 and IP67 certified. LED chips meet IESNA LM-80-2008 guideline for useful life. NSF Splash Zone rated components.

#### Construction

Durable, lightweight fiberglass body with ribbed, frosted acrylic external lens. Hardwire power connection. Polycarbonate latches standard; stainless steel latches available. 5VA (f1)-rated housing materials. Arrays are thermally independent and require no additional heat sinking. CT2-MB-2L ceiling mount brackets included; other mounting options available upon request. White molded fiberglass body.

#### Electrical

30 LED chips per array. Parallel design for serial wiring provides uniform flux across multiple arrays.

#### Performance Information

Fixture life is up to 375,000 hours. Lumen maintenance (fixture life) (L70) is based on the TM21 calculations.

#### Optics

80+ CRI, color variation within 3 MacAdam steps. Uniform LED pattern. On-board chips require no internal lenses.

#### Warranty

Orion LED fixtures are covered by a five-year limited warranty. Accessories and individual components are covered by separate OEM supplier warranties.



4VT shown

### Required Ordering Information

1	Select _____
Series	
<b>4VT</b>	4' VaporTight Enclosed Fixture
<b>8VT</b>	8' VaporTight Enclosed Fixture

2	Select _____
Output	
<b>40W</b>	40W (4' Only)
<b>80W</b>	80W (8' Only)

3	Select <b>LED</b>
Lighting Technology	
<b>LED</b>	LED

4	Select _____
Power Cord	
<b>(blank)</b>	No whip
<b>6W</b>	6' Whip
<b>11W</b>	11' Whip

5	Select _____
Integral Sensor	
<b>(blank)</b>	No Sensor
<b>WS</b>	Integral Sensor (Wet Rated)

6	Select _____
Color Temperature	
<b>(blank)</b>	5000°K (standard)
<b>40</b>	4000°K

7	Select _____
Dimming	
<b>NDX</b>	Non-Dimming
<b>FDX</b>	Full Dimming

### Options

8	Select _____
Latches	
<b>SS</b>	Stainless Steel



# Orion Energy Systems

## Physical and Performance Information<sup>1</sup>

Series	Arrays	LED Chips Per Array	Input Voltage	Input Power	Input Current	Power Factor	Light Output	CCT <sup>2</sup>	CRI	Length	Width	Depth	Weight
4VT40	4	30	120-277v	47W	.402-.174A	≥0.90	4996 lm	5000 K	≥ 80	52"	6.75"	4.25"	8.7 lbs.
8VT80	8	30	120-277v	90W	.750-.325A	≥0.90	8400 lm	5000 K	≥ 80	100"	6.75"	4.25"	17.4 lbs.

### Additional Specification Information:

<sup>1</sup>Actual performance may vary by up to ±10% of values listed.

<sup>2</sup>Average. Actual values will range from 5310–4745 K.



800-660-9340

[www.oesx.com](http://www.oesx.com)

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