

| | | | | |
|-----------------|---------------|-------|-------|-------|
| Catalog Number: | Project Name: | Note: | Date: | Type: |
|-----------------|---------------|-------|-------|-------|

DESCRIPTION

Portor's Vaportight series offers an industry-leading performance with deep energy savings and continuous dimming. This fixture is manufactured and designed using a gasketed enclosure to protect against dust, humidity and liquid spray. Suitable for damp and wet location. The compact, slick profile produces uniform and glare free lumen output. Easy installation for both surface-mount and suspended mount.

Perfect application for carports, parking structure lot, hallway and corridor.



CONSTRUCTION

Durable solid frame, lens and clips offer protection against dust, humidity and water spray. Pre-fabricated paint with matte white finished. Slim profile design makes it easy for installation.

ELECTRICAL

Luminaire is built with the highest quality driver that is universal voltage (120-277V), uses highly-efficient LED packages to ensure cool temperatures for long lasting life span.

OPTICAL SYSTEM

Diffuser lens reduces glare and improves overall energy efficiency.

DIMMING

Continuous dimming (0-10V) comes standard. Compatible with dimmers, sensors and controls for deeper energy-savings.

ENERGY SAVINGS

Over 50% energy savings than traditionally fluorescent fixtures, low heat productions requires less maintenance and operation cost.

LISTING

UL Listed, RoHS, DLC Premium Listed, LM70 TM-21 @ 158°F

WARRANTY

5 year Limited Warranty, Rated for 50,000 hours.
See Warranty documentation for details.

| | WATTAGE | DELIVERED LUMENS | EFFICACY |
|-----------|---------|------------------|----------|
| 4' | 45W | 6120 @ 4000K | 136 lm/W |
| | | 6165 @ 5000K | 137 lm/W |
| 8' | 75W | 10200 @ 4000K | 137 lm/W |
| | | 10275 @ 5000K | 137 lm/W |

TECHNICAL SPECIFICATION

| | |
|-------------------|----------------|
| CCT | 4000K, 5000K |
| CRI | 80+ |
| DIMMABLE | 0-10V dimming |
| BEAM ANGLE | 110° |
| VOLTAGE | 120V-277V |
| POWER FREQUENCY | 50/60 Hz |
| POWER FACTOR | >0.9 |
| THD | ≤10% |
| TEMPERATURE RATED | -49°F ~ 113°F |
| IP RATING | IP65 |
| WARRANTY | 5 year limited |

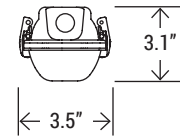
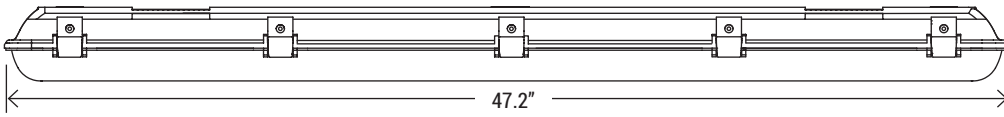


ORDERING SAMPLE: - - - - -

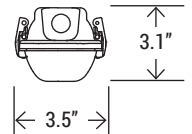
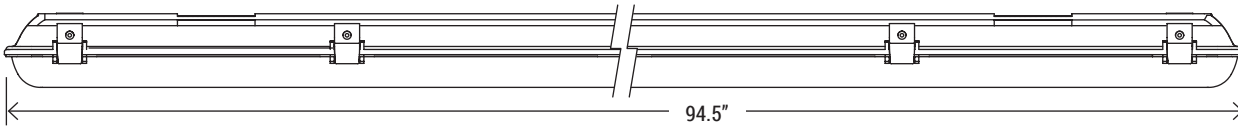
| Series | Size | Wattage | CCT | Accessories/Options | |
|---------------------------------|---------------|--------------------|-------------|----------------------------------------------|-------|
| | | | | Mounting | Other |
| PT-VT1 LED Vaportight Series | 4F (4-footer) | 45W (for 4-footer) | 40K (4000K) | ___ Blank (Standard surface mount) V-HOOK | A-CBL |
| | 8F (8-footer) | 75W (for 8-footer) | 50K (5000K) | | |

| | | | | |
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DIMENSION



4' PT-VT1-45W

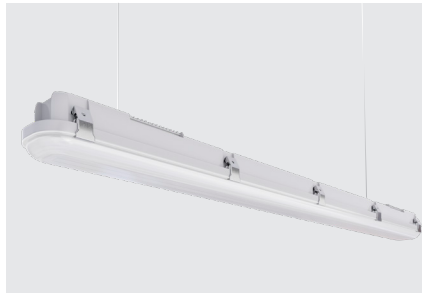


8' PT-VT1-75W

MOUNTING OPTION



SM
Surface mount



V-HOOK
Suspended Mount



A-CBL
Aircraft Cable



DLC LISTING

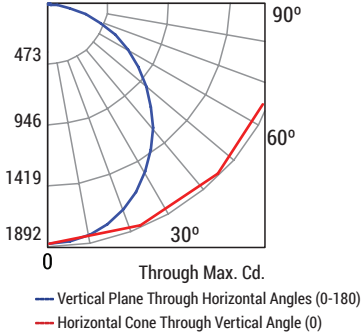
| CATALOG NUMBER | WATTAGE | DELIVERED LUMENS | EFFICACY | DLC PRODUCT ID | CLASSIFICATION |
|-------------------|---------|------------------|----------|----------------|----------------|
| PT-VT1-4F-45W-40K | 45W | 6120 | 136 lm/W | PLFYTJSFZ2L8 | PREMIUM |
| PT-VT1-4F-45W-50K | | 6165 | 137 lm/W | PLZ5EQ368U01 | |
| PT-VT1-8F-75W-40K | 75W | 10200 | 137 lm/W | PLDH3XJKDVR | PREMIUM |
| PT-VT1-8F-75W-50K | | 10275 | 137 lm/W | PLKFYAH8GZNI | |

| | | | | |
|-----------------|---------------|-------|-------|-------|
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|-----------------|---------------|-------|-------|-------|

PHOTOMETRY

| | | | | | |
|-------------------|---------------------|-------------------------------|---------------------------|-------------------|----------------|
| PT-VT1-4FT | Wattage: 45W | Delivered lumens: 5799 | Efficacy: 131 lm/W | CCT: 4000K | CRI: 80 |
|-------------------|---------------------|-------------------------------|---------------------------|-------------------|----------------|

Maximum Candela : 1892



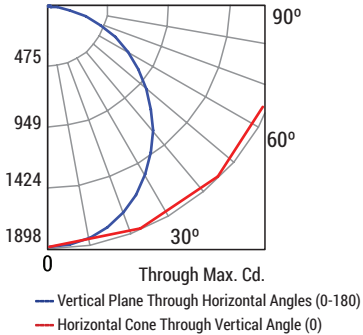
| RCR | Coefficients of Utilization | | | | | | | | | | | |
|-----|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| | 20% | | | | | | | | | | | |
| | 80% | | | 70% | | | 50% | | | 30% | | |
| 0 | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | 110% | 120% |
| 0 | 118 | 118 | 118 | 118 | 115 | 115 | 115 | 115 | 108 | 108 | 108 | 108 |
| 1 | 106 | 101 | 96 | 92 | 103 | 98 | 94 | 90 | 93 | 89 | 86 | 86 |
| 2 | 96 | 88 | 80 | 74 | 93 | 85 | 79 | 73 | 77 | 72 | 68 | 68 |
| 3 | 88 | 77 | 68 | 61 | 85 | 75 | 67 | 60 | 71 | 64 | 59 | 59 |
| 4 | 80 | 68 | 59 | 52 | 77 | 66 | 58 | 51 | 63 | 56 | 50 | 50 |
| 5 | 74 | 60 | 51 | 44 | 71 | 59 | 50 | 44 | 56 | 49 | 43 | 43 |
| 6 | 68 | 54 | 45 | 39 | 66 | 53 | 45 | 38 | 51 | 43 | 38 | 38 |
| 7 | 63 | 49 | 40 | 34 | 61 | 48 | 40 | 34 | 46 | 39 | 33 | 33 |
| 8 | 59 | 45 | 36 | 30 | 57 | 44 | 36 | 30 | 42 | 35 | 29 | 29 |
| 9 | 55 | 41 | 33 | 27 | 53 | 41 | 33 | 27 | 39 | 32 | 27 | 27 |
| 10 | 51 | 38 | 30 | 25 | 50 | 37 | 30 | 25 | 36 | 29 | 24 | 24 |

| | CP Summary | |
|-----|------------|----------|
| | 0° | 90° |
| 0° | 1892.000 | 1892.000 |
| 5° | 1882.100 | 1883.400 |
| 15° | 1794.700 | 1815.200 |
| 25° | 1631.900 | 1673.400 |
| 35° | 1405.700 | 1486.900 |
| 45° | 1143.500 | 1271.600 |
| 55° | 864.300 | 1050.100 |
| 65° | 576.000 | 819.300 |
| 75° | 297.700 | 591.600 |
| 85° | 64.000 | 384.900 |
| 90° | 14.400 | 304.200 |

| | Zonal Lumen Summary | | |
|----------|---------------------|-------|----------|
| | Lumens | %Lamp | %Fixture |
| 0° - 20° | 686.06 | 11.80 | 11.80 |
| 0° - 30° | 1443.27 | 24.90 | 24.90 |
| 0° - 40° | 2340.30 | 40.40 | 40.40 |
| 0° - 60° | 4101.80 | 70.70 | 70.70 |
| 0° - 80° | 5248.53 | 90.50 | 90.50 |
| 0° - 90° | 5508.31 | 95.00 | 95.00 |

| | | | | | |
|-------------------|---------------------|-------------------------------|---------------------------|-------------------|----------------|
| PT-VT1-4FT | Wattage: 45W | Delivered lumens: 5824 | Efficacy: 131 lm/W | CCT: 5000K | CRI: 80 |
|-------------------|---------------------|-------------------------------|---------------------------|-------------------|----------------|

Maximum Candela : 1898.2



| RCR | Coefficients of Utilization | | | | | | | | | | | |
|-----|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| | 20% | | | | | | | | | | | |
| | 80% | | | 70% | | | 50% | | | 30% | | |
| 0 | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | 110% | 120% |
| 0 | 118 | 118 | 118 | 118 | 115 | 115 | 115 | 115 | 108 | 108 | 108 | 108 |
| 1 | 106 | 101 | 96 | 92 | 103 | 98 | 94 | 90 | 93 | 89 | 86 | 86 |
| 2 | 96 | 88 | 80 | 74 | 93 | 85 | 79 | 73 | 81 | 75 | 70 | 70 |
| 3 | 88 | 77 | 68 | 61 | 85 | 75 | 67 | 60 | 71 | 64 | 59 | 59 |
| 4 | 80 | 68 | 59 | 52 | 77 | 66 | 58 | 51 | 63 | 56 | 50 | 50 |
| 5 | 74 | 60 | 51 | 44 | 71 | 59 | 50 | 44 | 56 | 49 | 43 | 43 |
| 6 | 68 | 54 | 45 | 39 | 66 | 53 | 45 | 38 | 51 | 43 | 38 | 38 |
| 7 | 63 | 49 | 40 | 34 | 61 | 48 | 40 | 34 | 46 | 39 | 33 | 33 |
| 8 | 59 | 45 | 36 | 30 | 57 | 44 | 36 | 30 | 42 | 35 | 30 | 30 |
| 9 | 55 | 41 | 33 | 27 | 53 | 41 | 33 | 27 | 39 | 32 | 27 | 27 |
| 10 | 51 | 38 | 30 | 25 | 50 | 37 | 30 | 25 | 36 | 29 | 24 | 24 |

| | CP Summary | |
|-----|------------|----------|
| | 0° | 90° |
| 0° | 1898.200 | 1898.200 |
| 5° | 1885.100 | 1887.500 |
| 15° | 1799.600 | 1816.000 |
| 25° | 1636.600 | 1674.000 |
| 35° | 1411.700 | 1485.600 |
| 45° | 1147.700 | 1268.200 |
| 55° | 868.600 | 1040.900 |
| 65° | 581.700 | 810.800 |
| 75° | 300.800 | 579.700 |
| 85° | 69.800 | 374.200 |
| 90° | 18.400 | 294.300 |

| | Zonal Lumen Summary | | |
|----------|---------------------|-------|----------|
| | Lumens | %Lamp | %Fixture |
| 0° - 20° | 688.21 | 11.80 | 11.80 |
| 0° - 30° | 1448.59 | 24.90 | 24.90 |
| 0° - 40° | 2349.84 | 40.30 | 40.30 |
| 0° - 60° | 4120.78 | 70.80 | 70.80 |
| 0° - 80° | 5273.34 | 90.50 | 90.50 |
| 0° - 90° | 5533.85 | 95.00 | 95.00 |