| Project | Туре | Λ | im | Ĭ- |
|--------------|------|-----------------------|----|------------|
| Catalogue n° | Πate | $\boldsymbol{\sqcap}$ | | ∟ Ⅱ |

VP2-L GEN 2 2' LED VAPOR TIGHT

WITH MADE TO ORDER OPTIONS OPTIONAL EMERGENCY REMOTE

A luminaire ideal for a variety of indoor/outdoor industrial and commercial applications. Intended for environments where moisture and/or dust may be present. Ideal for garages and stairwell.

APPLICATIONS1

- Industrial facilities
- Exterior retail areas
- Stairwells
- Transportation
- Pedestrian tunnels
- Parking garages



FEATURES & SPECIFICATIONS

CONSTRUCTION

Housing

- Lightweight, flexible, durable and sealed polycarbonate construction
- Integral gasket forms uniform, long-life seal around the entire enclosure
- Reinforced polycarbonate latches
- Sealed strain relief/cable gland kit included
- Power connection is easily accomplished through predrilled hole on one end of the housing. Wet location gland is included to seal the fixture from moisture

The UV stabilized polycarbonate lens with LED diffusing pigment is impervious to rust or rot and is unaffected by extreme temperatures.

SPECIFICATIONS

- Easy to clean and service
- LED technology for long term energy savings

- 120 V, 120 V-277 V and 347 V
- 0-10V dimming driver (down to 1%). Dimming cables sold separately, see ordering guide
- 2.5 kV surge protection (standard). See options table for additional surge protection

Operating Temperature

-40°C to +40°C (-40°F to 104°F) DL: 0°C to +25°C (32° to 77°F) Mounting

Stainless steel surface mounting hardware for wall/ceiling included with the luminaire. Set of 2 V-hooks also included for suspended mounting. Consult ordering quide for more options

EMERGENCY LIGHTING COMPLIANCES

- · CSA certified as a C22.2 C141-15 emergency lighting luminaire
- Meets ICES-005 requirements

COMPLIANCES

- Suitable for damp and wet locations
- 1500 PSI: High pressure hose down test (1.3 gallon per minute for 3 minutes at 1.5-2.0' from the unit) to maintain the integrity of the fixture. No water ingress is allowed
- Meets NSF
- Meets NEMA 4X
- Meets requirements of ICES-005
- cETL
- · DLC Premium, DLC Standard
- BC Hydro

| OVERVIEW | | | |
|-------------------|---------------|-----------------------|----------------------------|
| LIGHT SOURCE | LED | COLOR TEMPERATURE (K) | 3 000, 3 500, 4 000, 5 000 |
| WATTS [W] | 17 - 30 | CRI | 80+ |
| LUMEN OUTPUT (LM) | 2 143 - 4 210 | WEIGHT (LBS) | 4.35 |
| EFFICACY (LM/W) | 126 - 141 | | |









RATING









Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/search.



VP2-L GEN 2 • REV. 2025-11-3

¹ Not recommended for car wash applications.

² 5 year warranty for the BRIDGE module

ORDERING GUIDE

| VP2 - | —L | _ | _ | | / | / | |
|--------|-----------|--|----------|-----------------------------------|--|--|--|
| SERIES | LAMP TYPE | LUMEN PACKAGE (LM) | CRI | VOLTS (VAC) | COLOR TEMP. (K) | OPTIONS | |
| VP2 | L - LED | A1B - REFER TO A2B - LUMEN CHART TABLE FOR DETAILS | 80 - 80+ | 4 - 120 8 - 347 2 - 120-277 | 30K - 3 000 35K - 3 500 40K - 4 000 50K - 5 000 | L10 - AC1 - SS - OS2 - OL 3.10 - DIM1 4 - DIM2 5 - KV - TP8 - RMB-057 - RMP-05710 - PVPM-057 - | 6' POWER CABLE LENGTH 10' POWER CABLE LENGTH AVIATION CABLE STAINLESS STEEL LATCHES (SET OF 10PCS) OCCUPANCY SENSOR AC AND EMERGENCY BACKUP (FROM 0°C - 25°C) 120 V, 120-277 V 0-10 V INTERNAL DIMMING WIRES READY TO CONNECT LINE VOLTAGE DIMMING DRIVER 120 V 10KV SURGE PROTECTOR VANDAL RESISTANT KIT (INCLUDES 6PCS TAMPER PROOF SCREWS) RIGID MONO POINT ON BRACKET WITH 3/4" CENTER HOLE FOR 1/2 NPT CONDUIT RIGID MONO POINT ON BRACKET WITH 1" CENTER HOLE FOR 3/4 NPT CONDUIT RIGID MONO POINT ON THE LUMINAIRE WITH 3/4" CENTER HOLE FOR 1/2 NPT CONDUIT RIGID MONO POINT ON THE LUMINAIRE WITH 1" CENTER HOLE FOR 3/4 NPT CONDUIT RIGID MONO POINT ON PIVOT MOUNT BRACKET WITH 3/4" CENTER HOLE AND1/2 NPT RIGID MOND POINT ON PIVOT MOUNT BRACKET WITH 1" CENTER HOLE AND 3/4 NPT SURFACE MOUNT BRACKETS WITH PIVOT (SET OF 2) ADDITIONAL 7/8" END HOLE WITH WET LOCATION GLAND |

¹ Aviation cable length based on selected power cable length.

TECHNICAL SPECIFICATION TABLE

| LUMEN | WATTS | VOLTS | 300 | 10 K | 350 | 10 K | 400 | 10 K | 5 00 | 10 K | CRI | LIFE L70 | TESTED | POWER | THD |
|---------|-------|---------|-------------------------|------|--------|------|-------------------------|------|--------|-------------------------|-----|----------|-------------------------|--------|-------|
| PACKAGE | [W] | (V) | LUMEN OUTPUT (LM) | | OUTPUT | | LUMEN OUTPUT (LM) | | OUTPUT | EFFICA- CY (LM/W) | | (HRS) | HOURS LM-80 (HRS) | FACTOR | [%] |
| A1B | 17 | 120-277 | 2 143 | 126 | 2 214 | 130 | 2 265 | 133 | 2 302 | 135 | 80+ | 190 400 | 9 000 | 20.2 | 0.894 |
| A2B | 29 | 347 | 3 920 | 131 | 4 050 | 135 | 4 143 | 138 | 4 210 | 141 | 80+ | 190 400 | 9 000 | 13.7 | 0.95 |

ACCESSORIES (ORDER SEPARATELY)

| PART NO | DESCRIPTION |
|-------------------|--|
| HAROG-TPBIT-UDR | TAMPER PROOF 2" STEEL POWER BIT |
| CASO60-MC-JP1 | REPLACEMENT POLYCARBONATE LATCH (1PC) |
| CASO60-LATCH-SS21 | STAINLESS STEEL LATCH (1PC) |

¹ 10 latches are required per fixture



 $^{^{\}rm 2}$ To see available options, please consult the occupancy sensors section.

³ DL option is not compatible with OS (internal).

⁴ DIM1 option must select L6 or L10. DL option is not compatible with DIM1.

⁵ DIM2 option is not compatible with OS (internal).

⁶ 1 tamper proof bit (HARO6-TPBIT-UDR) included per order. Please consult the accessory table to order additional quantities.

⁷ See Mounting Options table.

⁸ Luminaire includes 1 end hole with wet location gland for main power connection. The /EH option offers a second end hole with wet location gland on the opposite side of the luminaire.

⁹ Use plug (included with the luminaire) to block End Hole, if not in use.

¹⁰ When selecting DL, RMP-05 and RMP-075 options, the fixture maintains wet location status, however IP rating is no longer applicable.

OCCUPANCY SENSORS

ON-OFF SENSORS

Detection - On at (Detection Area) % during (Hold Time) min. Off

| PART NO | POSITION | VOLTS (VAC) | TECHNOLOGY | HEIGHT (FT) | DETECTION AREA (%) | HOLD TIME (MIN.) | DAYLIGHT MIN LEVEL (LUX) | REMOTE* | LOCATION** |
|-------------|----------|----------------|----------------|----------------|-----------------------|---------------------|--------------------------------|--------------|-----------------------------|
| OSE-PO-0301 | EXTERNAL | 120-347 | PIR | 20-40 | 100 | 20 | N/A | N/A | DRY, -10°C TO 40°C |
| OSE-PO-0501 | EXTERNAL | 120-347 | PIR | 15-40 | 100 | 15 | 3000 | OSI-FSIR-100 | DRY, 0°C TO 40°C |
| OSE-PO-0502 | EXTERNAL | 120-347 | PIR | 15-40 | 100 | 15 | 3000 | N/A | DRY, 0°C TO 40°C |
| OSE-PO-0701 | EXTERNAL | 120-277 | PIR | 20 | 100 | 15 | N/A | N/A | WET, -40°C TO 40°C |
| OSE-PO-0801 | EXTERNAL | 347 | PIR | 20 | 100 | 15 | N/A | N/A | WET, -40°C TO 40°C |
| OSI-FO-0301 | INTERNAL | 120-277 | HIGH FREQUENCY | 32 MAX | 100% | 20 | DISABLE | N/A | DRY AND WET, -25°C TO +40°C |
| OSI-FO-0601 | INTERNAL | 120-347 | HIGH FREQUENCY | 25 MAX | 100% | 30 | DISABLE | OSI-RC-MHO2 | DRY AND WET, -35°C TO +40°C |
| OSI-FO-0602 | INTERNAL | 120-347 | HIGH FREQUENCY | 25 MAX | 100% | 15 | DISABLE | OSI-RC-MHO2 | DRY AND WET, -35°C TO +40°C |
| OSI-FO-0603 | INTERNAL | 120-347 | HIGH FREQUENCY | 25 MAX | 100% | 15 | 100 | OSI-RC-MHO2 | DRY AND WET, -35°C TO +40°C |

BI-LEVEL SENSORS

 ${\tt Detection - On\ at\ (Detection\ Area)\ \%\ during\ (Hold\ Time)\ min., then\ (Stand-by\ Dim\ level)\ \%}$

| | | VOLTS | TECHNO- | HEIGHT | DETECTION | HOLD TIME | STAND-BY | DAYLIGHT | | |
|-------------|----------|---------|-------------------|--------|-----------|-----------|----------|-----------------|--------------|-------------------------------|
| PART NO | POSITION | (VAC) | LOGY | (FT) | AREA (%) | (MIN.) | | MIN LEVEL (LUX) | REMOTE* | LOCATION** |
| OSE-PB-0202 | EXTERNAL | 120-347 | PIR | 20 | 100 | 30 | 40 | DISABLE | OSI-FSIR-100 | WET, -40°C TO 40°C |
| OSI-FB-0301 | INTERNAL | 120-277 | HIGH FREQUENCY | 32 MAX | 100 | 20 | 30 | DISABLE | N/A | DRY AND WET, -25°C TO 40°C |
| OSI-FB-0302 | INTERNAL | 120-277 | HIGH FREQUENCY | 32 MAX | 100 | 20 | 10 | DISABLE | N/A | DRY AND WET, -25°C TO 40°C |
| OSI-FB-0303 | INTERNAL | 120-277 | HIGH FREQUENCY | 32 MAX | 100 | 20 | 50 | DISABLE | N/A | DRY AND WET, -25°C TO 40°C |
| OSE-FB-0402 | EXTERNAL | 120-347 | HIGH FREQUENCY | 50 MAX | 100 | 20 | 30 | 50 LUX | OSI-RC-MHO2 | WET, -35°C TO 40°C |
| OSI-FB-0603 | INTERNAL | 120-347 | HIGH FREQUENCY | 25 MAX | 100 | 15 | 40 | DISABLE | OSI-RC-MHO2 | DRY AND WET, -35°C TO 40°C |
| OSI-FB-0604 | INTERNAL | 120-347 | HIGH FREQUENCY | 25 MAX | 100 | 30 | 40 | DISABLE | OSI-RC-MHO2 | DRY AND WET, -35°C TO 40°C |
| OSI-FB-0605 | INTERNAL | 120-347 | HIGH FREQUENCY | 25 MAX | 100 | 15 | 30 | DISABLE | OSI-RC-MHO2 | DRY AND WET, -35°C TO 40°C |
| OSI-FB-0606 | INTERNAL | 120-347 | HIGH FREQUENCY | 25 MAX | 100 | 15 | 10 | DISABLE | OSI-RC-MHO2 | DRY AND WET, -35°C TO 40°C |

^{*} To be ordered separately.

TRI-LEVEL SENSORS

Detection - On at (Detection Area) % during (Hold Time) min., then (Stand-by Dim level) % during (Stand-by period) min. Off

| PART NO | POSITION | VOLTS (VAC) | TECHNO- LOGY | HEIGHT (FT) | DETECTION AREA (%) | TIME (MIN) | DIM LEVEL | | | REMOTE* | LOCATION** |
|-------------|----------|----------------|-------------------|----------------|-----------------------|-------------|-----------|----|---------|-------------|-------------------------------|
| OSI-FT-0301 | INTERNAL | 120-277 | HIGH FREQUENCY | 32 MAX | 100 | 20 | 30 | 10 | DISABLE | I NI / A | DRY AND WET, -25°C TO 40°C |
| OSE-FT-0402 | EXTERNAL | 120-347 | HIGH FREQUENCY | 50 MAX | 100 | 30 | 30 | 10 | 50 | OSI-RC-MHO2 | WET, -35°C TO 40°C |
| OSI-FT-0601 | INTERNAL | 120-347 | HIGH FREQUENCY | 25 MAX | 100 | 30 | 30 | 10 | DISABLE | OSI-RC-MHO2 | DRY AND WET, -35°C TO 40°C |

^{*} To be ordered separately.

For more settings visit

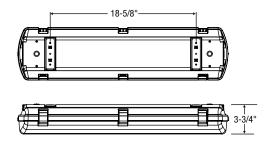
aimlite.com/documentation/technical-information/



^{**} Min and max ambient temperature of the fixture with the specific sensor. Please verify fixture temperature on the first page for compatibility with sensor.

^{**} Min and max ambient temperature of the fixture with the specific sensor. Please verify fixture temperature on the first page for compatibility with sensor.

DIMENSIONS







MOUNTING TYPE

| SUSPENDED | SET OF 2 V-HOOKS FOR SUSPENDED MOUNTING, INCLUDED WITH THE LUMINAIRE AVIATION CABLE PURCHASED SEPARATELY, SEE ORDERING GUIDE | |
|--|---|--|
| SURFACE | STAINLESS STEEL SURFACE MOUNTING HARDWARE FOR CEILING/WALL, INCLUDED WITH THE LUMINAIRE | |
| RMB-05 RIGID MOND POINT ON BRACKET WITH 3/4" CENTER HOLE FOR 1/2 NPT CONDUIT RMB-075 RIGID MOND POINT ON BRACKET WITH 1" CENTER HOLE FOR 3/4 NPT CONDUIT | TO BE USED IN CONJUNCTION WITH THE SURFACE MOUNTING HARDWARE, INCLUDED WITH THE LUMINAIRE FOR OTHER CENTER HOLE DIMENSIONS, SELECT CH OPTION IN THE ORDERING GUIDE CONDUIT NOT PROVIDED | |
| RMP-05 RIGID MOND POINT ON THE LUMINAIRE WITH 3/4" CENTER HOLE FOR 1/2 NPT CONDUIT | RIGID MOND POINT DIRECTLY ON THE LUMINAIRE WITH WATERPROOF HUB CONDUIT NOT PROVIDED | |
| RMP-075 RIGID MOND POINT ON THE LUMINAIRE WITH 1" CENTER HOLE FOR 3/4 NPT CONDUIT | | |
| PVPM-05 RIGID MOND POINT ON PIVOT MOUNT BRACKET WITH 3/4" CENTER HOLE AND 1/2 NPT | TO BE USED IN CONJUNCTION WITH THE SURFACE MOUNTING HARDWARE, INCLUDED WITH THE LUMINAIRE FOR 7/8" CENTER HOLE, CONSULT CH OPTION ON | |
| PVPM-075 RIGID MOND POINT ON PIVOT MOUNT BRACKET WITH 1" CENTER HOLE AND 3/4 NPT | THE ORDERING GUIDE CONDUIT NOT PROVIDED | |
| PVM SURFACE MOUNT BRACKETS WITH PIVOT (SET OF 2) | TO BE USED IN CONJUNCTION WITH THE SURFACE MOUNTING HARDWARE, INCLUDED WITH THE LUMINAIRE FOR CEILING/WALL SURFACE MOUNTING | |

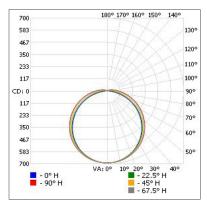
Note: The fixtures used in diagrams above represents the VP4 series. The diagrams are used to showcase mounting options only.



PHOTOMETRIC DATA¹

VP2-LA1B-80-(2/4/8)/40K 2 264 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

| ZONE | LUMENS | % FIXTURE |
|--------|---------|-----------|
| 0-30 | 537.3 | 23.7 |
| 0-40 | 882.0 | 39 |
| 0-60 | 1 577.3 | 69.7 |
| 60-90 | 564.6 | 24.9 |
| 70-100 | 348.9 | 15.4 |
| 90-120 | 105.7 | 4.7 |
| 0-90 | 2 141.8 | 94.6 |
| 90-180 | 122.3 | 5.4 |
| 0-180 | 2 264.1 | 100 |

ILLUMINANCE AT A DISTANCE

| CENT | ER BEAM FC | | ВЕАМ | WIDTH | | | |
|-------|--|--|-------|-------|--|--|--|
| 1.7' | 239 | | 4.9' | 6.1' | | | |
| 3.3' | 63.5 | | 9.4' | 11.8' | | | |
| 5.0' | 27.6 | | 14.3' | 17.9' | | | |
| 6.7' | 15.4 | | 19.1' | 24.0' | | | |
| 8.3' | 10.0 | | 23.7' | 29.7' | | | |
| 10.0' | 6.91 | | 28.6' | 35.8' | | | |
| ■ Ve | ■ Vert. Spread: 110.0° ■ Hor. Spread: 121.7° | | | | | | |

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.



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 $^{^{\}mbox{\tiny 1}}$ Complete IES files available on our website.