AimLite

VPL4-L
3 CCT SELECT,
NEMA 4X, NSF VAPOR TIGHT
OPTIONAL EMERGENCY REMOTE

A 4' luminaire ideal for a variety of industrial, commercial applications. Installed either indoors or outside, the VPL4-L provides superior light distribution. Intended for applications where moisture and/or dust may be present. Also appropriate for those applications that may require: washability/hose down, complete containment of the LEDs, the ability to withstand reduced temperatures and withstand moderate impact. Seals dust out.

FEATURES & SPECIFICATIONS

CONSTRUCTION

Housing
- Lightweight, slim and durable polycarbonate construction makes the luminaire highly impact resistant
- The housing is sealed with a uniform gasket that blocks the ingress of moisture and dust and reinforced snap clips lock the luminaire together
- Comes standard with stainless steel latches

Mounting
Stainless steel mounting hardware for ceiling or suspended mounting. V-hooks also provided for suspension on chain or aviation cable mounting.

Lens
Polycarbonate frosted lens with LED diffusing pigment is impervious to rust or rot and is unaffected by extreme temperatures.

TECHNICAL SPECIFICATIONS
- 3 CCT (3 500/4 000/ 5 000 K)
- 120-277 V or 120-347 V
- 0-10 V dimming driver. Dimming cables sold separately, see ordering guide.
- Operating temperature: -40°C to +40°C (-40°F to 104°F)

OPTIONAL EMERGENCY LIGHTING
Normally ON emergency remote vapor tight luminaire "BRIDGE"
- Consuming 11 W, 12-24 VDC
- 200 mA constant current
- Delivers 1316 to 1408 lumens in emergency mode
- Ease of maintenance when used with AimLite emergency lighting battery units complete with auto test function
- Complements AimLite's normally on VPL4-L 4' , 3CCT, 3 Power selectable, multi-volt family
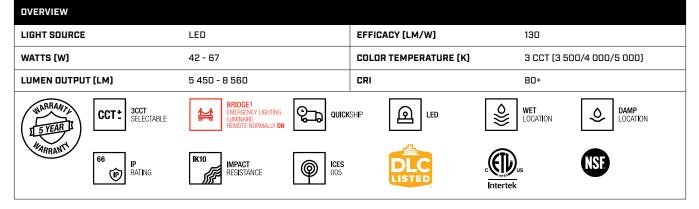- Patent Pending

Please view the BRIDGE specification section for more details on this technology

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

GENERAL LIGHTING COMPLIANCES
- Suitable for damp & wet locations
- IP66
- Meets requirements of ICES-005
- UL1598, UL 8750
- cETLus certified
- NSF
- NEMA 4X
- IK10

OVERVIEW			
LIGHT SOURCE	LED	**EFFICACY (LM/W)**	130
WATTS (W)	42 - 67	**COLOR TEMPERATURE (K)**	3 CCT (3 500/4 000/5 000)
LUMEN OUTPUT (LM)	5 450 - 8 560	**CRI**	80+

WARRANTY 5 YEAR WARRANTY

CCT+ 3CCT SELECTABLE

BRIDGE1 EMERGENCY LIGHTING LUMINAIRE REMOTE NORMALLY ON

QUICKSHIP

LED

WET LOCATION

DAMP LOCATION

66 IP IP RATING

IK10 IMPACT RESISTANCE

ICES 005

DLC LISTED

c ETL us LISTED Intertek

NSF

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.

1 5 year warranty for the BRIDGE module.

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.

QUICK SHIP ORDERING GUIDE

PART NO	DLC UNIQUE ID	WATTS [W]	VOLTS [VAC]	COLOR TEMP. [K][1]	LUMEN OUTPUT [LM][2]	EFFICA-CY [LM/W]	CRI	LIFE L70 [HRS][3]	TESTED HOURS LM-80 [HRS][3]	DIMMING	PF	THD [%]
VPL4-LA3-2/3C	PLY7AMDRGFU6	42	120-277	3 CCT (3 500/4 000/5 000)	5 450	130	80+	>50 000	140 000	0-10V	0.9951	7.58
VPL4-LA4-2/3C	PLAS2285WG0V	67	120-277	3 CCT (3 500/4 000/5 000)	8 560	128	80+	>50 000	140 000	0-10V	0.928	13.56
VPL4-LA3-32/3C	PLHCVTVB0LSA	42	120-347	3 CCT (3 500/4 000/5 000)	5 450	130	80+	>50 000	140 000	0-10 V	0.9981	9.53

QUICK SHIP: Product availability is subject to change without notice. Please contact your AimLite customer service representative to confirm inventory levels at time of order.

[1] Typical color temperature range: +/- 5%.

[2] Lumen values are based on 3 500 K default setting. Please refer to Quick Ship Technical Specification Table for more details on other color temperatures.

[3] Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolation.

ORDERING GUIDE

| VPL4 | — | L | | | — | | — | 3C | / | |

SERIES	LAMP TYPE	LUMEN PACKAGE [LM]	VOLTS [V]	COLOR TEMP. [K]	OPTIONS
VPL4	L - LED	A3 - 5 460 A4 - 8 450	2 - 120-277 32 - 120-347	3C - 3 500 4 000 5 000	BLANK - NO SENSOR OS[1,3,5] - OCCUPANCY SENSOR DIM1[2] - 5 WIRE CABLE FOR AC AND 0-10V DIMMING EL1[6] - 1 BRIDGE NORMALLY ON EMERGENCY DL[3,5] - EMERGENCY BACK UP (0°C - 25°C) KV - 10KV SURGE PROTECTION L6 - 6' WHITE POWER CORD L10 - 10' WHITE POWER CORD L6-BK - 6' BLACK POWER CORD L10-BK - 10' BLACK POWER CORD CH[5] - CENTER HOLE 7/8" AC - AVIATION CABLE KIT PVM[4] - PIVOT MOUNT BRACKETS (SURFACE MOUNT CEILING AND WALL)

[1] To see available options, please consult the occupancy sensors section.

[2] When selecting DIM1 option please also select cable option whether L6, L10, L6-BK or L10-BK.

[3] The options DL and OSI are not compatible together.

[4] Pivot mount brackets (surface mount ceiling and wall).

[5] When selecting CH, OS and DL options, the fixture maintains wet location status, however NEMA 4X and IP rating are no longer applicable.

[6] When in Emergency Mode, unit only consumes 11 watts. For Emergency Lighting spacing, please see p.5.

QUICK SHIP SPECIFICATION TABLE

ORDER CODE	3 500 K			4 000 K		5 000 K	
	WATTS [W]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]
VPL4-LA3-2/3C	42	5 450	130	5 690	133	5 524	129
VPL4-LA4-2/3C	67	8 559	128	9 260	136	8 990	132
VPL4-LA3-32/3C	42	5 450	130	5 690	133	5 524	129

DEFAULT PROGRAMMING

VPL4-LA3-2/3C	42 W/4 000 K
VPL4-LA4-2/3C	67 W/4 000 K
VPL4-LA3-32/3C	42 W/4 000 K

BRIDGE TECHNICAL SPECIFICATION TABLE

LUMEN PACKAGE	LUMINAIRE WATT [W]	BRIDGE WATTS [W]	3 500 K LUMEN OUTPUT [LM]	4 000 K LUMEN OUTPUT [LM]	5 000 K LUMEN OUTPUT [LM]
A3	42	11	1 316	1 368	1 408
A4	65		1 316	1 368	1 408

ACCESSORIES (ORDER SEPARATELY)

PART NO	DESCRIPTION	COMPATIBLE WITH
HAR1144-1	VANDAL RESISTANT SCREW (10PCS)	ALL CONFIGURATIONS
HAR1144-BIT	BIT FOR VANDAL RESISTANT SCREW (1PC)	HAR1144-1
OSI-RC100	REMOTE CONTROL	OSI-FO-1601, OSI-FB-1601, OSI-FB-1602, OSI-FT-1601, OSI-FT-1602

COMPATIBLE DIMMERS[1]

BRAND	MODEL
LEVITON	DS710-10Z
LUTRON	DVSTV-453P
LEVITON	DD710-BDZ
LEVITON	IP710-LFZ
LUTRON	MAESTRO MS-Z101

Dimming range: 10 %-100 %

[1] This table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Read and comply to the dimmer installation instructions. Consult dimming system manufacturer for additional support in operation. Some dimmers may require more than one product for stable operation. AimLite recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation.

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		DRY, -10° TO +40°C
OSE-PO-0302	EXTERNAL	120-347	PIR	20-40	100	20	N/A		DRY, -40: TO +40:
OSE-PO-0501	EXTERNAL	120-347	PIR	15-40	100	15	3 000	OSI-FSIR-100	DRY, 0° TO +40°C
OSE-PO-0502	EXTERNAL	120-347	PIR	15-40	100	15	3 000		DRY, 0° TO +40°C
OSE-PO-0701	EXTERNAL	120-277	PIR	20	100	15	N/A		WET, -40°C TO +40°C
OSI-FO-1501	INTERNAL	120-347 (12V)	HIGH FREQUENCY	13	100	10	DISABLE		DRY AND WET, -20° TO +40°C
OSI-FO-1601	INTERNAL	120-277	HIGH FREQUENCY	20	100	10	DISABLE	OSI-RC100	DRY AND WET, -40° TO +40°C

BI-LEVEL SENSORS

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

PART NO	POSITION	VOLTS (VAC)	TECHNO-LOGY	HEIGHT (FT)	DETECTION AREA (%)	HOLD TIME (MIN.)	STAND-BY DIM LEVEL (%)	DAYLIGHT MIN LEVEL (LUX)	REMOTE*	LOCATION**
OSE-FB-0402	EXTERNAL	120-347	HIGH FREQUENCY	50 MAX	100	20	30	50	OSI-RC-MH10	WET, -35° TO +40°C
OSI-FB-1501	INTERNAL	120-347	HIGH FREQUENCY	13	100	10	50	DISABLE		DRY AND WET, -20° TO +40°C
OSI-FB-1502	INTERNAL	120-347	HIGH FREQUENCY	13	100	10	30	DISABLE		DRY AND WET, -20° TO +40°C
OSI-FB-1601	INTERNAL	120-277	HIGH FREQUENCY	20	100	10	50	DISABLE	OSI-RC100	DRY AND WET, -40° TO +40°C
OSI-FB-1602	INTERNAL	120-277	HIGH FREQUENCY	20	100	10	30	DISABLE	OSI-RC100	DRY AND WET, -40° TO +40°C

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 (%)	HOLD TIME (MIN.)	STAND-BY DIM LEVEL (%)	STAND-BY PERIOD (MIN)	DAYLIGHT MIN LEVEL (LUX)	REMOTE*	LOCATION**
OSE-FT-0402	EXTERNAL	120-347	HIGH FREQUENCY	50 MAX	100	30	30	10	50	OSI-RC-MH10	WET, -35° TO +40°C
OSI-FT-1501	INTERNAL	120-347	HIGH FREQUENCY	13	100	10	30	20	DISABLE		DRY AND WET, -20° TO +40°C
OSI-FT-1502	INTERNAL	120-347	HIGH FREQUENCY	13	100	10	30	20	50		DRY AND WET, -20° TO +40°C
OSI-FT-1601	INTERNAL	120-277	HIGH FREQUENCY	20	100	10	30	30	DISABLE	OSI-RC100	DRY AND WET, -40° TO +40°C
OSI-FT-1602	INTERNAL	120-277	HIGH FREQUENCY	20	100	10	30	30	50	OSI-RC100	DRY AND WET, -40° TO +40°C

* To be ordered separately.

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

For more settings visit
www.aimlite.com/documentation/technical-information/

DIMENSIONS