

VPE4-L

LED VAPOR TIGHT



A luminaire ideal for a variety of industrial, commercial applications. Installed either indoors or outside, the VPE4-L provides superior light distribution. Intended for applications where moisture and/or dust may be present.

APPLICATIONS¹

- Garages
- Industrial facilities
- Sporting applications
- Subways
- School
- Canopies
- Storage rooms
- Garden centers
- Airports

FEATURES & SPECIFICATIONS

CONSTRUCTION

Housing

- Lightweight, flexible 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
- Row mount aligners molded into housing ends
- Sealed strain relief/cable gland kit included

Lens

The frosted LED diffusing pigment lens provides uniform light distribution and has been UV stabilized to ensure that there is no yellowing over time. This impact-resistant polycarbonate lens is impervious to rust or rot and is unaffected by extreme temperatures

Mounting

Stainless steel ceiling mounting hardware and v-hooks also provided for suspension on chain or aviation cable.

TECHNICAL SPECIFICATIONS

- Easy to clean and service
- LED technology for long term energy savings
- Colour consistency (SDCM) is 3 step MacAdam ellipse
- Electrical ratings: 120-277 V or 347 V
- 0-10V dimming driver. Dimming cables not included with the fixture
- 2.0kV surge protection

Ambient temperature
 -20°C to +35°C

COMPLIANCES

- Suitable for damp & wet locations
- IP65
- Meets requirements of ICES-005
- UL1598, UL8750
- cULus certified
- cETL

OVERVIEW			
LIGHT SOURCE	LED	EFFICACY (LM/W)	125 - 136
WATTS [W]	40 - 60	COLOR TEMPERATURE [K]	4 000, 5 000
LUMEN OUTPUT [LM]	5 000 - 8 176	CRI	80+

¹ Not recommended for car wash applications.

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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QUICK SHIP ORDERING GUIDE



PART NO	WATTS [W]	VOLTS [V AC]	COLOR TEMP. [K]	LUMEN OUTPUT [LM]	EFFI- CIENCY [LM/W]	CRI	LIFE L70 [HRS]	TESTED HOURS LM-80 [HRS]	DIMMING TYPE [V AC]	PF	THD [%]
VPE4-LA3-2/40K/DS1 ¹	40	120-277	4 000	5 000	125	80+	64 000	6 000	0-10	0.95	20
VPE4-LA3-2/50K	40	120-277	5 000	5 000	125	80+	64 000	6 000	0-10	0.95	20
VPE4-LA3-8/40K	40	347	4 000	5 200	130	80+	64 000	6 000	0-10	0.95	10
VPE4-LA3-8/50K	40	347	5 000	5 460	136	80+	64 000	6 000	0-10	0.95	10
VPE4-LA4-2/50K	60	120-277	5 000	7 500	125	80+	64 000	6 000	0-10	0.95	10
VPE4-LA4-8/40K	60	347	4 000	7 900	132	80+	64 000	6 000	0-10	0.95	10
VPE4-LA4-8/50K	60	347	5 000	8 176	136	80+	64 000	6 000	0-10	0.95	10

¹ Refer to occupancy sensors table below for details.

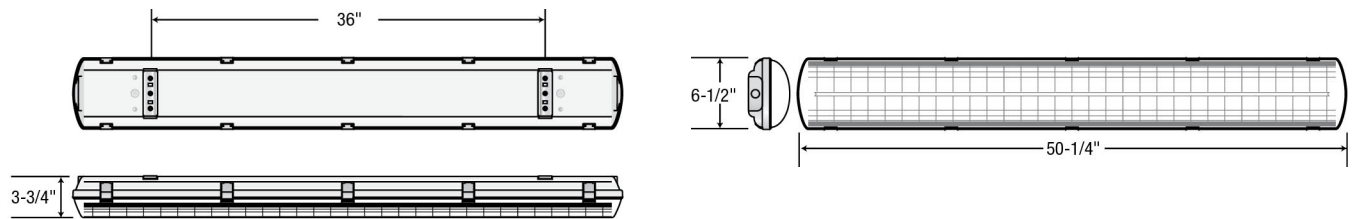
QUICK SHIP: Product availability is subject to change without notice. Please contact your AimLite customer service representative to confirm inventory levels at time of order.

ACCESSORY [ORDER SEPARATELY]

PART NO	DESCRIPTION
CAS060-LATCH-SS2 ¹	STAINLESS STEEL LATCH (1PC)

¹ 10 Latches are required per fixture.

DIMENSIONS

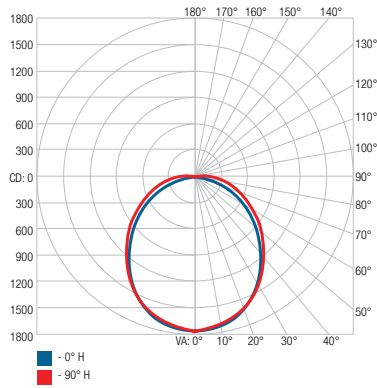


VPE4-L

PHOTOMETRIC DATA

VPE4-LA3-[2/8]/40K • 5 186 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

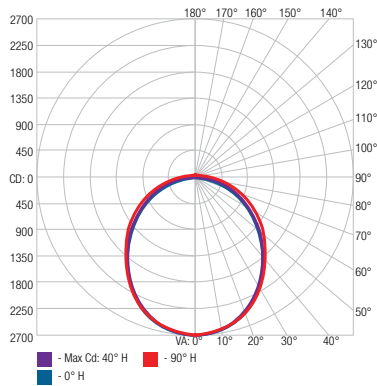
ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1 333.7	25.7	25.7
0-40	2 152.6	41.5	41.5
0-60	3 724.1	71.8	71.8
60-90	1 207	23.3	23.3
70-100	739.8	14.3	14.3
90-120	218.2	4.2	4.2
0-90	4931.1	95.1	95.1
90-180	255.1	4.9	4.9
0-180	5 186.2	100	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	610	4.2'	4.9'
3.3'	162	8.1'	9.5'
5.0'	70.5	12.3'	14.4'
6.7'	39.3	16.4'	19.2'
8.3'	25.6	20.3'	23.8'
10.0'	17.6	25.5'	28.7'
Vert. Spread: 101.6° Hor. Spread: 110.3°			

VPE4-LA4-[2/8]/40K • 7 950.0 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	2 038.6	25.6	25.6
0-40	3 291.1	41.4	41.4
0-60	5 696.4	71.7	71.7
60-90	1 854.7	23.3	23.3
70-100	1 141.8	14.4	14.4
90-120	341	4.3	4.3
0-90	7 551.1	95	95
90-180	398.6	5	5
0-180	7 949.7	100	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	932	4.2'	4.9'
3.3'	247	8.1'	9.5'
5.0'	108	12.2'	14.5'
6.7'	60.0	16.4'	19.4'
8.3'	39.1	20.3'	24.0'
10.0'	26.9	24.4'	28.9'
Vert. Spread: 101.4° Hor. Spread: 110.7°			

¹ Complete IES files available on our website.