

LED VAPOR TIGHT FIXTURE · 4 FT · 8 FT

Vapor tight fixture

Closed housing sealed against moisture and environmental contaminants, in 4 ft and 8 ft lengths.

13,700 lm	152 lm/W	100,000 h	120–277 V
LUMENS (MAX), 8 FT	EFFICACY AT 90 W, 8 FT	ESTIMATED LED LIFE, L70	UNIVERSAL INPUT

PROJECT	TYPE	CATALOG NO.	DATE

Specification and features

Three field-selectable wattage levels and three field-selectable color temperatures, in 4 ft and 8 ft.

LENGTHS	4 ft and 8 ft
CCT	3500 K / 4000 K / 5000 K, field-selectable, 80 CRI
BEAM ANGLE	120° (standard)
DIMMING	0–10V, 10%–100% (standard)
POWER FACTOR	> 0.9
OPERATING TEMPERATURE	-30°C to 50°C (-22°F to 122°F)
LIFESPAN (L70)	≥ 100,000 hours (IES TM-21, 25°C)

LUMEN PACKAGES	3,600 to 13,700 lumens
WATTAGE LEVELS	Lv1, Lv2, Lv3, field-selectable
INPUT VOLTAGE	120-277 VAC (universal)
AUXILIARY OUTPUT	12V
THD	< 20%
WARRANTY	5-year limited warranty

Features

Closed housing sealed against moisture and environmental contaminants.

PC housing for stability and durability.

Stainless steel clamps: easy assembly and disassembly of the luminaire body.

Field-selectable lumens and CCT reduce the number of SKUs required.

Microwave sensor and emergency battery backup optional.

Suitable for canopies and locker rooms.

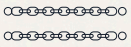
Options and accessories



4 ft surface mount kit
Default.



8 ft surface mount kit
Default.



Chain installation kit
3 ft chain. 4 ft: quantity 1. 8 ft: quantity 2.



Steel wire installation kit
10 ft aircraft cable. 4 ft: quantity 1. 8 ft: quantity 2.



Emergency battery · B
4 ft: 100–277 V 50/60 Hz, 15–50 VDC, 8 W. 8 ft: 100–277 V 50–60 Hz, 50–180 VDC, 8 W, 90 minutes.



Microwave sensor · M
10–15 VDC. Default: 100% sensitivity, hold time 10 s, daylight sensor 30 lux, dimming level 30%, dimming time 60 min.

Output data and electrical data

Three field-selectable wattage levels (Lv1, Lv2, Lv3) and three field-selectable CCTs.

A-VT50-4F · 4 ft · 50 W

80 CRI

		3500 K		4000 K		5000 K	
SETTING	WATTAGE	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
Lv1	50 W	6800 lm	136 lm/W	7200 lm	144 lm/W	7000 lm	140 lm/W
Lv2	35 W	4900 lm	140 lm/W	5200 lm	149 lm/W	5000 lm	143 lm/W
Lv3	25 W	3600 lm	144 lm/W	3850 lm	154 lm/W	3700 lm	148 lm/W

A-VT90-8F · 8 ft · 90 W

80 CRI

		3500 K		4000 K		5000 K	
SETTING	WATTAGE	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
Lv1	90 W	13000 lm	144 lm/W	13700 lm	152 lm/W	13300 lm	148 lm/W
Lv2	75 W	11000 lm	147 lm/W	12000 lm	160 lm/W	11500 lm	153 lm/W
Lv3	60 W	9000 lm	150 lm/W	10000 lm	167 lm/W	9500 lm	158 lm/W

Input current

AMPS

SIZE	SETTING	WATTAGE	120 V	208 V	240 V	277 V
4 ft	Lv1	50 W	0.42	0.24	0.21	0.18
	Lv2	35 W	0.29	0.17	0.15	0.13
	Lv3	25 W	0.21	0.12	0.10	0.09
8 ft	Lv1	90 W	0.75	0.43	0.38	0.32
	Lv2	75 W	0.63	0.36	0.31	0.27
	Lv3	60 W	0.50	0.29	0.25	0.22

Ordering guide

Catalog number breakdown

LEFT TO RIGHT

A-VT50 – 4F – UNV – CCT – WS – G – M – B – F

1	2	3	4	5	6	7	8	9

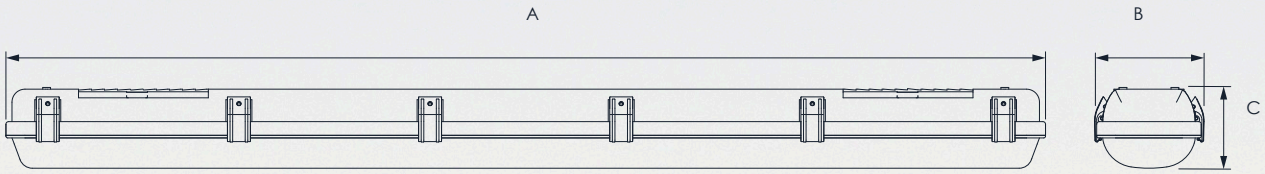
1	Series	A-VT50 · A-VT90	A- = Allmax · VT = vapor tight · 50 / 90 = maximum wattage in W
2	Size	4F · 8F	4 ft (50 W) · 8 ft (90 W)
3	Voltage	UNV	120–277 V
4	CCT	CCT	selectable color temperature (3500 K / 4000 K / 5000 K)
5	Options	WS	wattage selectable (Lv1 / Lv2 / Lv3)
6	Finish	G	gray
7	Sensor	M	with sensor · blank = without sensor
8	Emergency battery	B	with emergency battery · blank = without
9	Lens	F	frosted diffuser
10	Internal code	blank	alphanumeric

EXAMPLE A-VT50-4F-UNV-CCT-WS G M B F — 4 ft, 50 W, 120–277 V, selectable CCT, gray, with sensor, with emergency battery, frosted diffuser. For 8 ft: A-VT90-8F-UNV-CCT-WS G M B F.

Dimensions and mounting

Inches [millimeters]. Dimensioned drawings.

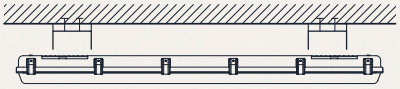
4 FT · 8 FT



Dimensions

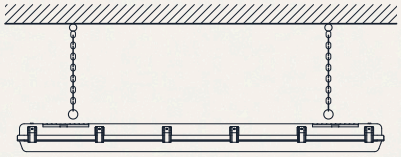
SIZE	A (LENGTH)	B	C
4 ft	47.24 in [1200 mm]	4.92 in [125 mm]	3.62 in [92 mm]
8 ft	94.49 in [2400 mm]	4.92 in [125 mm]	3.98 in [101 mm]

Mounting



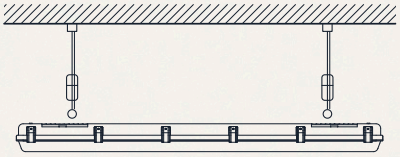
SURFACE MOUNTED

Default.



CHAIN INSTALLATION

Chain installation kit, 3 ft.



STEEL WIRE INSTALLATION

Steel wire installation kit, 10 ft.

Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C (±5°C). Specifications are subject to change without notice.