

LED VAPOR TIGHT LINEAR(MVT03)



Applications:

Suitable for parking garages, or commercial, retail and institutional applications including gymnasiums, factories and warehouses.

Features

- Up to 95W output 13000 lumens with all 2 feet long.
- Two die-cast aluminum separable structures are fixed by elastic sheets.
- Through hole heat dissipation design to achieve longer life.
- Parking garage and low bay photometry for selection.
- Standard 1-10V dimming and optional motion sensor for energy saving.
- Surface or Pendant mounting available.
- Optional emergency battery for emergency needs.
- Operating temperature is -40°C to 45°C (-40°F to 113°F).
- UL/cUL wet location and DLC qualified.



Housing

Two die-cast aluminum separable structures are fixed by elastic sheets.

Mounting kit

Default bracket for surface mounting and optional V hook for pendant mounting.

3/4 inch threaded hole

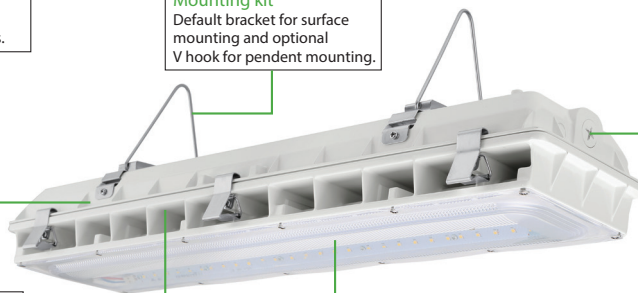
Support wires coming from the hole for easier wire connections.

Heat Dissipation Through Hole

Let air convect to remove heat rapidly. Isolated from the heat source of the power box to achieve longer life

Photometry

Parking garage and low bay photometry for selection.



PERFORMANCE DATA

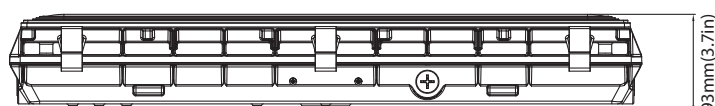
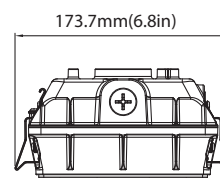
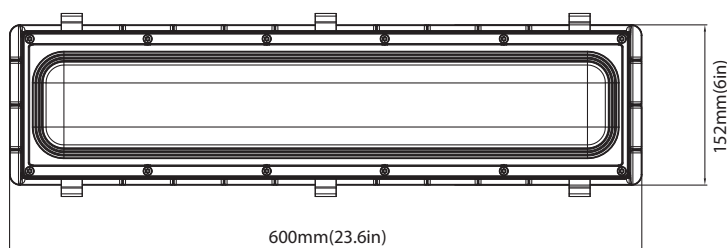
SYSTEM WATTS	PHOTOMETRY	VOLTAGE	4000K(80CRI)		5000K(80CRI)	
			LUMENS	LPW	LUMENS	LPW
45W	Parking Garage	120-277VAC	5500lm	122lm/W	5600lm	124lm/W
70W	Parking Garage	120-277VAC	8400lm	120lm/W	8500lm	121lm/W
95W	Parking Garage	120-277VAC	11400lm	120lm/W	11600lm	122lm/W
45W	Low Bay	120-277VAC	5800lm	129lm/W	6000lm	133lm/W
70W	Low Bay	120-277VAC	9000lm	129lm/W	9400lm	134lm/W
95W	Low Bay	120-277VAC	12400lm	131lm/W	13000lm	137lm/W

ELECTRICAL DATA

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	1120	45	120	0.38
		45	208	0.22
		45	240	0.19
		45	277	0.16
1	1750	70	120	0.58
		70	208	0.34
		70	240	0.29
		70	277	0.25
1	2500	95	120	0.79
		95	208	0.46
		95	240	0.40
		95	277	0.34

DIMENSION

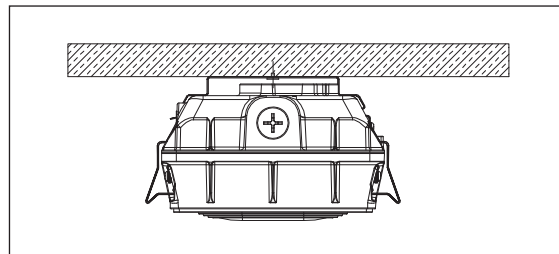
unit: inch/mm



Net weight:
 27W: 7.397lbs
 45W: 7.723lbs
 70W: 8.034lbs
 90W: 8.197lbs

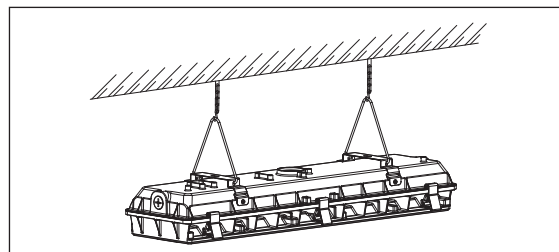
SURFACE MOUNT (DEFAULT SETTING)

Connect wires (voltage to black, white to common, and green to ground);
Secure the led module to the housing and fasten six latches, ensuring water does not enter fixture.



V-HOOK MOUNTING

1. Put the mounting bracket on the housing, tighten it with screws.
2. Fasten the V hook hang it with the chain.



ORDERING GUIDE

Example: MVT0345W27V50KWPG

Fixture Type	Wattage	Voltage	CCT	Finish	Sensor(Optional)	Emergency Battery (Option)	Photometry	Internal Code
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MVT03 Vapor Tight Linear Series	45 45W 70 70W 95 95W	27V 120-277V	40K 4000K 50K 5000K	W White D Dark Bronze B Black	Blank Without Sensor M With Sensor	B With Emergency Battery Blank Without Emergency Battery	PG Parking Garage LB Low Bay	Blank Alphanumeric

Note: Emergency battery does not support 95W.

DLC Model NO.

SYSTEM WATTS	VOLTAGE	CCT	DLC NO.	DLC Classification
45W	120-277V	4000K	MVT0345W27V40K[W,D,B][Blank,M][Blank,B]LB[Blank,0-9,A-Z,a-z]	standard
		5000K	MVT0345W27V50K[W,D,B][Blank,M][Blank,B]LB[Blank,0-9,A-Z,a-z]	standard
		4000K	MVT0345W27V40K[W,D,B][Blank,M][Blank,B]PG[Blank,0-9,A-Z,a-z]	premium
		5000K	MVT0345W27V40K[W,D,B][Blank,M][Blank,B]PG[Blank,0-9,A-Z,a-z]	premium
70W	120-277V	4000K	MVT0370W27V40K[W,D,B][Blank,M][Blank,B]LB[Blank,0-9,A-Z,a-z]	standard
		5000K	MVT0370W27V50K[W,D,B][Blank,M][Blank,B]LB[Blank,0-9,A-Z,a-z]	standard
		4000K	MVT0370W27V40K[W,D,B][Blank,M][Blank,B]PG[Blank,0-9,A-Z,a-z]	premium
		5000K	MVT0370W27V40K[W,D,B][Blank,M][Blank,B]PG[Blank,0-9,A-Z,a-z]	premium
95W	120-277V	4000K	MVT0395W27V40K[W,D,B][Blank,M][Blank,B]LB[Blank,0-9,A-Z,a-z]	standard
		5000K	MVT0395W27V50K[W,D,B][Blank,M][Blank,B]LB[Blank,0-9,A-Z,a-z]	standard
		4000K	MVT0395W27V40K[W,D,B][Blank,M][Blank,B]PG[Blank,0-9,A-Z,a-z]	premium
		5000K	MVT0395W27V40K[W,D,B][Blank,M][Blank,B]PG[Blank,0-9,A-Z,a-z]	premium