

# LED VAPOR TIGHT LINEAR(MVT03)



## Applications:

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

## Features

- Up to 45W output 6000 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  $-40^{\circ}\text{F}$  to  $113^{\circ}\text{F}$ .
- UL/cUL wet location and DLC qualified.



### Housing

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

### Mounting kit

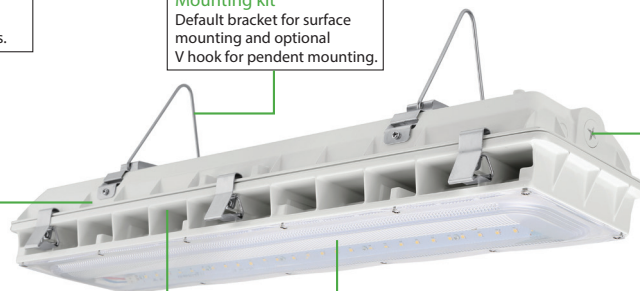
Default bracket for surface mounting and optional V hook for pendant mounting.

### 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

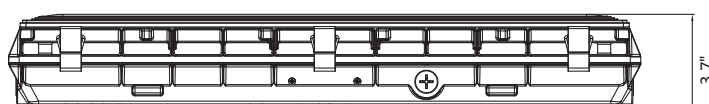
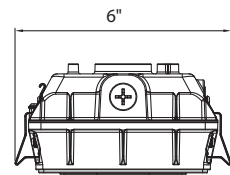
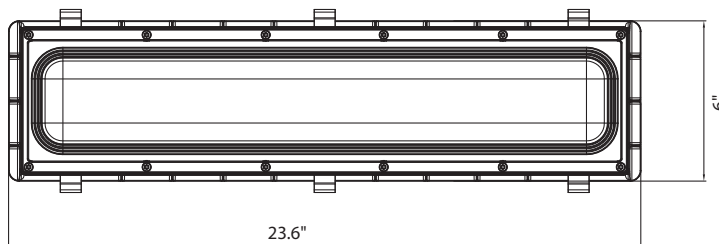
SYSTEM WATTS	PHOTOMETRY	VOLTAGE	4000K(80CRI)		5000K(80CRI)	
			LUMENS	LPW	LUMENS	LPW
45W	Parking Garage	120-277VAC	5500lm	122lm/W	5600lm	124lm/W
70W	Parking Garage	120-277VAC	8400lm	120lm/W	8500lm	121lm/W
95W	Parking Garage	120-277VAC	11400lm	120lm/W	11600lm	122lm/W
45W	Low Bay	120-277VAC	5800lm	129lm/W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

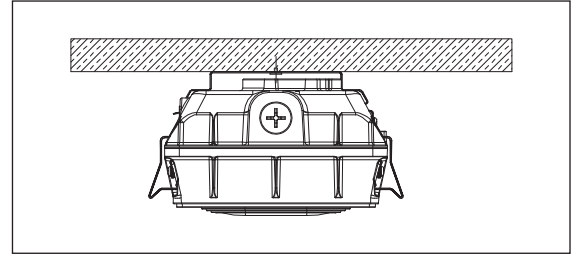
unit: inch



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

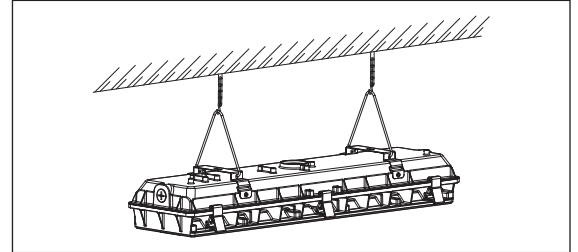
## SURFACE MOUNT (DEFAULT SETTING)

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.



## 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