



The IMVT04 series Vapor Tight fixture withstands rugged environments and is available in 4-foot and 8-foot lengths. The fixture housing is made of clean and pure PC material with excellent stability and durability, and a stainless steel clip for easy disassembly and installation. With the ability to switch lumens and adjust color temperature in one fixture, greatly reducing SKUs. Emergency Battery Back Up and sensor options are available. The IMVT04 series vapor tight is ideal solutions for outdoor venues, canopies and locker rooms.

SPECIFICATION FEATURES

Construction

- Closed housing is sealed against moisture and environmental contaminants.
- Stainless steel clamp design, convenient assembly and separation of lamp body.
- 4 feet and 8 feet are available.

Optics

- Up to 90W output 13700 lumens.
- Adjustable lumen output with three lumen gears LV1、LV2、LV3.
- Switchable color temperature 3500K/4000K/5000K.

Electrical

- Auxiliary 12V output.
- Universal 120-277 VAC input voltage.
- 0-10V dimming standard for a dimming range of 100% to 10%.
- PF >90%, THD <20%.
- Operating Temperature Range: -30°C to 50°C

Controls

- Optional Motion sensor.
- Optional Emergency Battery.

Lifespan

- Estimated 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.



Controls

- Optional Occupancy sensor, Microwave sensor, Multifunction Sensor or daylight sensor.
- Optional Bluetooth sensor or Bluetooth controller.
- Silvar Luminaire Level Lighting Control (LLLC) optional
- Sharkward Luminaire Level Lighting Control (LLLC) optional.
- Haisen Luminaire Level Lighting Control (LLLC) optional.
- Also compatible with 3rd party smart network control system.
- High End Trim

Warranty

- Five-year limited warranty.

Certifications

- UL cUL wet location listed.
- NEMA4X approved.
- DesignLights Consortium™ Qualified.

Note: Please refer to the DLC website for specific product qualifications at www.designlights.org.

Mount

- Suspension and surface mount option

IP

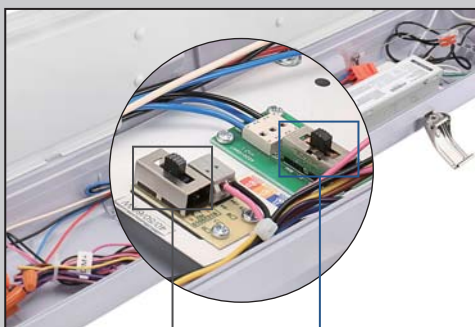
- IP65 & IK08

Note

- 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 subject to change without notice.

CCT AND WATTAGE SELECTABLE

This fixture has the function of adjusting the lumens output and color temperature on-site.



WATTAGE SELECT



LV1



LV2



LV3

Each model supports 3 positions
wattage regulation:
LV1, LV2, LV3

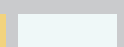
CCT SELECT



3500K



4000K



5000K

Offer three CCT adjustable
(3500K, 4000K, 5000K).

PERFORMANCE DATA

MVT04 50W							
SETTING	SYSTEM WATTS	3500K (80CRI)		4000K (80CRI)		5000K (80CRI)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
LV1	50W	6800lm	136 lm/W	7200lm	144 lm/W	7000lm	140 lm/W
LV2	35W	4900lm	140 lm/W	5200lm	149 lm/W	5000lm	143 lm/W
LV3	25W	3600lm	144 lm/W	3850lm	154 lm/W	3700lm	148 lm/W

MVT04 90W							
SETTING	SYSTEM WATTS	3500K (80CRI)		4000K (80CRI)		5000K (80CRI)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
LV1	90W	13000lm	144 lm/W	13700lm	152 lm/W	13300lm	148 lm/W
LV2	75W	11000lm	147 lm/W	12000lm	160 lm/W	11500lm	153 lm/W
LV3	60W	9000lm	150 lm/W	10000lm	167 lm/W	9500lm	158 lm/W

ELECTRICAL DATA

NUMBER OF DRIVERS	DRIVER CURRENT (mA)	NOMINAL POWER (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	1200	50	120	0.42
		50	208	0.24
		50	240	0.21
		50	277	0.18
1	2100	90	120	0.75
		90	208	0.43
		90	240	0.38
		90	277	0.32

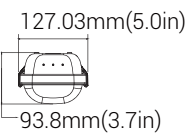
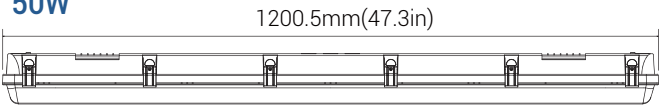
ACCESSORIES (Optional)

 Mounting Bracket (Default)	 Emergency Battery 8W 900lm 90min (Sold separately)	 Microwave Sensor NO.: HD027VCR Description: 12VDC input (Sold separately)
 Chain Description: 30cm long (Default)	 Hardware bag (Default)	 Aircraft Cable Description: 3m long (Sold separately)

DIMENSION

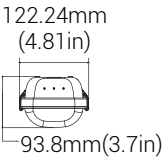
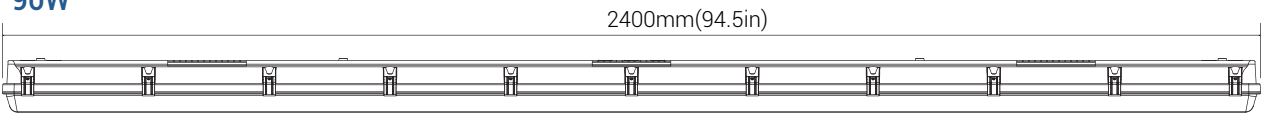
unit: mm/inch

50W



Net Weight:
50W: 2.75kg(6.06lbs)
90W: 5.9kg(13lbs)

90W



ORDERING GUIDE

Example: IMVT0450W27VDDKGYYYY

	Fixture Type	Power	Voltage	CCT	Finish	Sensor (Option)	Backup Battery (Option)	Lens	Internal Code
IUS									
I	MVT04 Vapor Tight Linear Series	50W 90W	27V 120-277V	DDK Adjustable color temperature	G Gray	M Motion Sensor Blank Without Sensor	B Emergency Battery Blank Without Emergency Battery	F Frosted Diffuser	Blank Alphanumeric