

FI MVT04 SERIES - LED Tunable Vapor Tight

The FI MVT04 SERIES - LED Tunable Vapor Tight, Up to 147 lm/W, Select 3X-CCT and 3X-Wattages, IP65 Wet Location, 0-10V Dimmable, Premium Indoor Luminaire, Smart Sensor Ready.

Premium Features

Lumen Output	3650 to 13230 lumens
Efficacy	Up to 147 lm/W
Input Voltage	120-277V
Dimmable	0-10V
CCT	Select (35K, 40K, 50K)
IP Rating	IP65 Wet Location
Size	4-FT, 8-FT
Warranty	5 Years

Applications

Premium indoor luminaire for hanging or surface mounting in ceiling spaces less than 25 feet. Suitable for harsh environments: manufacturing, production, processing, R&D, and parking garages, stairwells, and wet locations.

Construction

Manufactured for durability in harsh environments with injection molded polycarbonate to resist corrosion, discoloration, and scratching. Stainless steel clips lock the lens cover to resist dust, moisture and vapors. IP65 Wet Location rated for dust tight, water jets: IEC 60529.

Electrical

Input voltage 120-277V models with Non-Dimmable or 0-10V Continuous Dimming. Includes 3X-Wattage and 3X-CCT Tuning Switch inside housing. Operating temperatures -22°F to 122°F (-30°C to 50°C).

Mounting

Aluminum Surface Mount clips included. V-Hooks and Chains for hanging included.

Optics

Anti-UV Frosted Prismatic Polycarbonate Lens.

Listings

UL certified to meet US and Canadian standards. FCC, and RoHS compliant. Listed to qualify for energy-efficient LED lighting rebates.

Warranty

5 yr /50K hrs. View at: <https://falkorindustry.com/warranty/>.

Project:

Date:

Catalog No:

Prepared By:

Tunable 4-FT and 8-FT Models

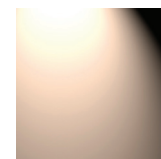


Correlated Color Temperatures (CCT)

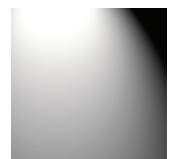
3500K



4000K



5000K



Specifications

Energy Data

Input Voltage: 120-277V
Input Frequency: 50/60 Hz
Wattage: 3-Wattages (50W Max, 90W Max)
Power Factor: >0.9
Total Harmonic Distrotrion (THD): <10%
Operating Temperature: -22°F to 122°F (-30°C to 50°C)

Lighting Data

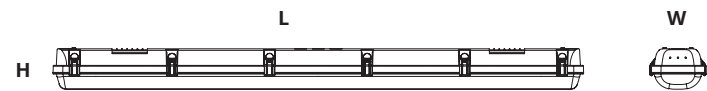
Lumens: 3650 to 13230 lumens
Lumens Per Watt: Up to 147 lm/W
CCT: Select (35K, 40K, 50K)
Dimmable: 0-10V
Color Rendering Index (CRI): >82
L70: 50000 hours

Ordering Information

Model	Size	Wattage	Voltage	Current	Lumens	Efficacy	CCT	Dimming	Color	Dimensions
FI-MVT04 50W 3CCT	4-FT	(25W	120-277V	023A@120V, 0.10A@277V	3650	146 lm/W	(3500K, 4000K, 5000K)	0-10V	Light Gray	47.30"L x 3.70"W x 5.00"H
		35W		032A@120V, 0.14A@277V	5110					
		50W)		046A@120V, 0.20A@277V	7300					
FI-MVT04 90W 3CCT	8-FT	(60W	120-277V	0.55A@120V, 0.24A@277V	8820	147 lm/W	(3500K, 4000K, 5000K)	0-10V	Light Gray	94.50"L x 3.70"W x 4.81"H
		75W		0.69A@120V, 0.30A@277V	11025					
		90W)		0.83A@120V, 0.36A@277V	13230					

Physical Dimensions

4-FT Models 47.30"L x 3.70"W x 5.00"H



8-FT Models 94.50"L x 3.70"W x 4.81"H

