

MVT03 SERIES - LED Vapor Tight

The MVT03 SERIES - LED Vapor Tight, Up to 137 lm/W, IP65 Wet Location, 0-10V Dimmable, Premium Indoor Luminaire, Smart Sensor Ready.

Project:
Date:
Catalog No:
Prepared By:

Premium Features

Lumen Output	6000 to 13000 lumens
Efficacy	Up to 137 lm/W
Input Voltage	120-277V
Dimmable	1-10V
CCT	5000K
IP Rating	IP65 Wet Location
Size	2-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.

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 0-10V Continuous Dimming. Operating temperatures -40°F to 113°F (-40°C to 45°C).

Mounting

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

Optics

Anti-UV Clear Prismatic Polycarbonate Lens.

Listings

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

Warranty

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

2-FT Models



Correlated Color Temperatures (CCT)

5000K



Specifications

Energy Data

Input Voltage: 120-277V
Input Frequency: 50/60 Hz
Wattage: 45W, 70W, 95W
Power Factor: >0.9
Total Harmonic Distortion (THD): <10%
Operating Temperature: -40°F to 113°F (-40°C to 45°C)

Lighting Data

Lumens: 6000, 9400, 13000
Lumens Per Watt: Up to 137 lm/W
Color Correlated Temperature (CCT): 5000K
Dimmable: 1-10V
Color Rendering Index (CRI): >82
L70: 50000 hours

Ordering Information

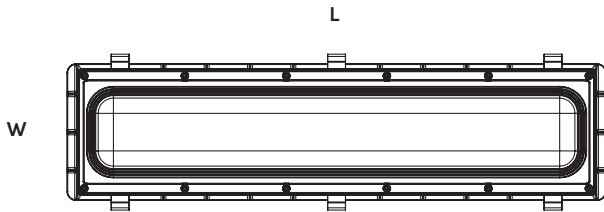
Model	Size	Wattage	Voltage	Current	Lumens	Efficacy	CCT	Dimming	Color	Dimensions	Weight
MVT03 45W	2-FT	45W	120-277V	0.38A@120V, 0.16A@277V	6000	133 lm/W	5000K	1-10V	Light Gray	23.60"L x 6.80"W x 3.70"H	7.72 lbs
MVT03 70W	2-FT	70W	120-277V	0.58A@120V, 0.25A@277V	9400	134 lm/W	5000K	1-10V	Light Gray	23.60"L x 6.80"W x 3.70"H	8.03 lbs
MVT03 95W	2-FT	95W	120-277V	0.79A@120V, 0.34A@277V	13000	137 lm/W	5000K	1-10V	Light Gray	23.60"L x 6.80"W x 3.70"H	8.20 lbs

Shipping Information

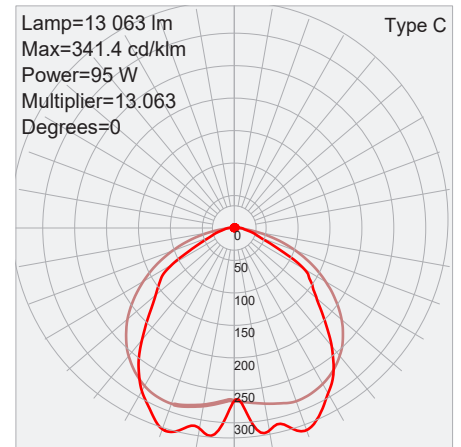
Model Wattage	Unit Weight	Shipping Dimensions	Shipping Weight	Quantity /Box
45W	7.72 lbs	26.00"L x 9.00"W x 5.00"D	9.00 lbs	1
70W	8.03 lbs	26.00"L x 9.00"W x 6.00"D	10.00 lbs	1
95W	8.20 lbs	26.00"L x 9.00"W x 5.00"D	9.50 lbs	1

Physical Dimensions

2-FT Models 23.60"L x 6.80"W x 3.70"H



Photometric Characteristics



*Example of 2-FT 95W

