

MPL01 SERIES - LED Post Top Light

The MPL01 SERIES - LED Post Top Light, 122 lm/W, UL Wet Location, 0-10V Dimmable, Premium Outdoor Luminaire.

Project:
Date:
Catalog No:
Prepared By:

Premium Features

Lumen Output	5550 to 15800 lumens
Efficacy	122 lm/W
Input Voltage	120-277V
Dimmable	0-10V Continuous
CCT	4000K, or Select (3000K, 4000K, 5000K)
UL Rating	Wet Location
Warranty	5 Years

Single Wattage and Tunable Model Available



Applications

Premium outdoor luminaire suitable for pathways and pedestrian walkways.

Construction

Manufactured for weather-proof durability using solid heavy duty die cast aluminum housing with anti-UV polyester coating to resist water, salt, corrosion, discoloration, and scratching. UL Wet Location rated. EPA rating 0.9696.

Electrical

Input voltages 120-277V with 0-10V Continuous Dimming. Single Power and CCT models available. 4-Wattage and 3-CCT Tunable models available. Operating temperatures -40°F to 113°F (-40°C to 45°C).

Mounting

Pole mounting with 2 3/8-in or 3-in diameter adapter.

Optics

Anti-UV Frosted Polycarbonate Lens.

Listings

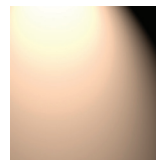
UL certified to meet US and Canadian standards. FCC, and RoHS compliant. Listed to qualify for energy-efficient LED lighting rebates.

Warranty

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

Correlated Color Temperatures (CCT)

3000K



4000K



5000K



Specifications

Energy Data

Input Voltage: 120-277V

Input Frequency: 50/60 Hz

Wattage: 87W, 130W, or 4-Wattage

Power Factor: >0.9

Operating Temperature: -40°F to 113°F (-40°C to 45°C)

Lighting Data

Lumens: 5500, 8500, 10600, 15800

Lumens Per Watt: 122 lm/W

Color Correlated Temperature (CCT): 4000K, or 3-CCT

Dimmable: 0-10V

Color Rendering Index (CRI): >70

L70: 50000 hours

Ordering Information

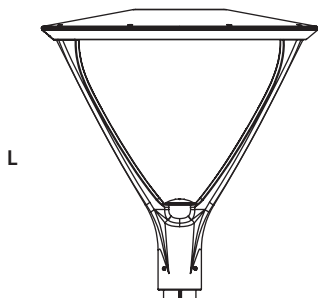
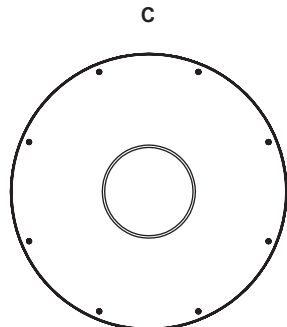
Model	Wattage	Voltage	Current	Lumens	Efficacy	CCT	Dimming	Color	Dimensions	Weight
MPL01 87W	87W	120-277V	0.80A@120V, 0.35A@277V	10614	122 lm/W	4000K	0-10V	Dark Bronze	ø 25.20°C x 2.80"H (Head only) 24.30"L x ø 25.20°C (Luminaire total) ø 4.00°C (Base only)	25.07 lbs
MPL01 130W	130W	120-277V	1.19A@120V, 0.52A@277V	15860	122 lm/W	4000K	0-10V	Dark Bronze	ø 25.20°C x 2.80"H (Head only) 24.30"L x ø 25.20°C (Luminaire total) ø 4.00°C (Base only)	25.70 lbs
MPL01 130W 3CCT	(45W, 70W, 87W, 130W)	120-277V	0.41A@120V, 0.18A@277V 0.64A@120V, 0.28A@277V 0.80A@120V, 0.35A@277V 1.19A@120V, 0.52A@277V	5500 8500 10600 15800	122 lm/W	(3000K, 4000K, 5000K)	0-10V	Dark Bronze	ø 25.20°C x 2.80"H (Head only) 24.30"L x ø 25.20°C (Luminaire total) ø 4.00°C (Base only)	25.70 lbs

Shipping Information

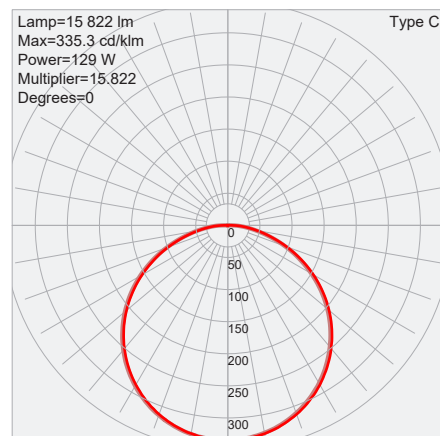
Model Size	Shipping Dimensions	Shipping Weight	Quantity /Box
87W	29.00"L x 28.00"W x 11.00"D	33.00 lbs	1
130W	29.00"L x 28.00"W x 11.00"D	34.00 lbs	1

Physical Dimensions

All Models 24.30"L x ø 25.20°C (Luminaire total)
ø 4.00°C (Base only)



Photometric Characteristics



*Example of 130W 4000K

