



# MP Model



## Parking & Area Lighting LED 110W Luminaire -dimmable (1-10VDC)

The MP110 LED luminaire has a clean design for easy installation. It is ideal for street and parking structures with high lighting quality, energy efficiency and almost no maintenance design. The fishbone style thermal management system provides wide surface area to allow speedy heat dissipation. Premium quality and performance Meanwell dimmable power supply is reliable to drive LED arrays. Overall high quality design is to ensure long life span of the product.

### Product Specifications

Single fixture with multiple mounting solutions

#### OPTIONAL

- Optical control

#### FEATURES & BENEFITS:

- Clean and low profile design for easy installation.
- Direct replacement of 400 W HID fixture.
- Excellent luminaire efficacy provides significant energy saving.
- Three in one dimming functions(Optional): 0-10VDC, PWM and resistance.
- Assembled in USA with domestic and imported components
- Rated Life : 50,000 hours
- Available in 3500K,4100K, 5000K,5700K color temperature.
- RoHS Compliant - Mercury free and Lead free

#### Applications :

- Street & Roadway Lighting
- Restaurant & Hotel Lighting
- Hospital Facilities Lighting
- Airport Lighting
- Architectural Lighting

#### Ordering Information

Example: **MP110X7557KB**

Model Number	Output Wattage	Degree Beam Angle	Color Temperature	Fixture Color	Photocell	Voltage
<b>MP</b>	<b>110</b>	<b>X75</b>	<b>57K</b>	<b>B</b>	<b>P</b>	<b>K</b>
	110 - 110W	x75 - 75x130 (type IV) 150 - 150 (type V)	35K - 3500K 41K - 4100K 50K - 5000K 57K - 5700K	B - Black S - Silver	P - Photocell X - No photocell	K - Knuckle mount F- Bracket mount R- Rectangular mount

#### Electrical System:

All electrical components are UL certified.  
**Input Voltage:** 90-305VAC , 50/60 Hz; 277-480VAC  
**Power Consumption:** 110W  
**Maximum Current:** AC 1.67A (max)  
**Power Factor (PF):** >0.95  
**THD A%:** 7.07% at 120V; 14.46v % at 277 V

#### Mechanical Specifications

**IP & IK Rating :** IP66 & IK10  
**Tested Life Time :** 50,000 hours-L70 @25C  
**Heat Sink :** anodized aluminum  
**Lens Material :** Polycarbonates (PC)  
**Operating Temperature:** -40 F to 121 F (-40 to 50 C)  
**Fixture Dimension:** 25-1/8"x 13-7/8" x 3"  
**Fixture Weight:** 15 lb

#### Photometric Specifications

**Lumen Output :** 15,500 lumen at 5700K  
**CRI:** Ra>78  
**CCT:** 3500K,4100K, 5000K & 5700K  
**Beam Angles:** Type IV-75x130 degree beam angle

#### Warranty

Five-year limited warranty.



**Note:** Specifications subject to change without notice. Actual performance may differ as a result of end user environment and application.

