

Series PMF

LED Area Light

Suitable for auto dealerships, parking lots, walkways, roadways, campuses, facade lighting, grocery stores and other public areas.

CONSTRUCTION

- Rugged one-piece, die-cast aluminum housing secures the thermally conductive LED panel and electrical chamber
- Low profile, 3G vibration rated compact design minimizes wind load requirements.
- Housing is completely sealed against moisture and environmental contaminants.
- Suitable for mounting heights ranging from 26-50' in area lighting applications
- Round pole, Square pole, slipfitter and wall mount are available
- The design can be operated by one person to install the whole lamp

OPTICS

- Available in IES Type III, IV, V distributions
- Light engines are available in standard 4000 K and 5000 K (70 CRI) configurations.
- Scalable Lumen Packages from 14,200 to 51,000 Lumens replaces up to 1000W Metal Halide.
- Optics is precisely designed to shape the distribution, maximizing efficiency and application spacing.
- For the ultimate level of spill light control, an optional house-side shield accessory can be field or factory installed.
- The optics can conform to dark sky requirement.

ELECTRICAL

- Universal 120-277 VAC or 347-480 VAC input voltage
- Standard with 1-10V dimming driver(s)
- THD: $\leq 20\%$
- Power Factor: $\geq 90\%$



15L Size: 100W/150W/200W



23L Size: 240W/300W/350W

DIMENSIONS

See page 3 for dimensions with various mounting options

FEATURES & BENEFITS

- Available with dark bronze, black, gray or white finish options; consult factory for lead times.
- Light engines available in standard 4000K and 5000K (70 CRI) configurations
- Optics precisely designed to shape light distribution, maximizing efficiency and application spacing
- Optional occupancy sensor
- Optional Photocell
- Can conform to dark sky requirements
- Wet location rated
- THD $\geq 20\%$
- Estimated 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations
- Power factor > 0.90
- 5 year warranty



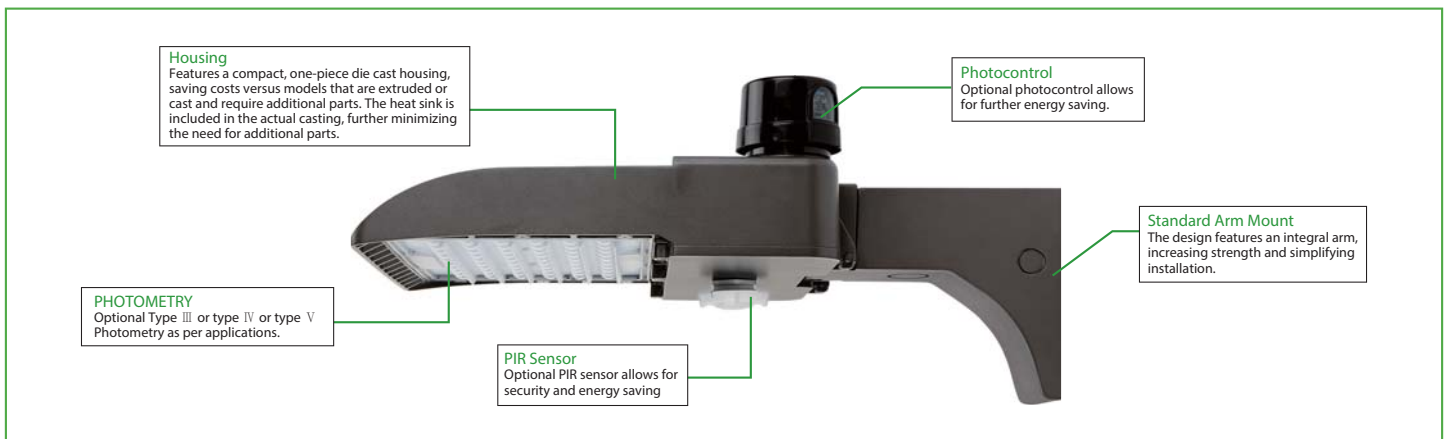
ORDER INFORMATION

SERIES	LENGTH		WATTAGE* & LUMENS*		DRIVER		COLOR/CRI		FINISH	
PMF LED Area Light	15L	15.16"	100W14200L	100 Watts 14200 Lumens	DMV 0-10V Dimming D480 347-480V		40K 4000K		Blank	Dark Bronze (std)
			150W21200L	150 Watts 21200 Lumens					BK	Black
			200W28000L	200 Watts 28000 Lumens					GY	Gray
	23L	23.3"	240W34000L	240 Watts 34000 Lumens			50K 5000K		WH	White
			300W42500L	300 Watts 42500 Lumens						
			350W50000L	350 Watts 50000 Lumens						

Consult factory for lead times on black, silver gray and white.

PHOTOCELL		MOTION SENSOR		MOUNTING TYPE		LENS ANGLE		MOUNTING ACCESSORIES (ORDER SEPERATELY)	
Blank	None	Blank	None	Blank	Square Pole Mount	Blank	Type 3	PMFSW	Slip fitter
PC	120-277V Photocell	SS	120-277V Motion Sensor	SW	Slip Fitter Mount	T4	Type 4	PMFSARM	Square pole arm mount
P3	347V Photocell	SS4	347-480V Motion Sensor	WM	Wall Mount	T5	Type 5	PMFRARM	Round pole arm mount
P4	480V Photocell							PMFWARM	Wall mount arm

Note: Lumens stated with standard Type 3 distribution and 5000K. 120V-277V for 40W, 70W, 100W & 150W; 120-277V/347-480V for other wattages. Contact factory for values corresponding with other distributions, 4000K or different voltage options.

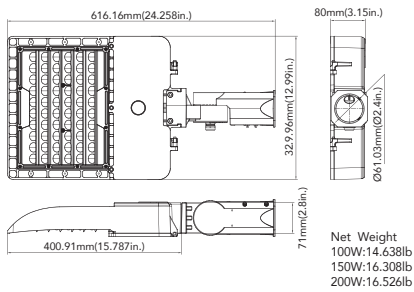


Note:

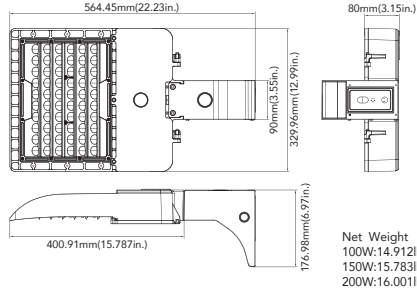
We reserve the right to change design, materials, LEDs and finish in any way that will not alter installed appearance or reduce function and performance.

DRAWINGS

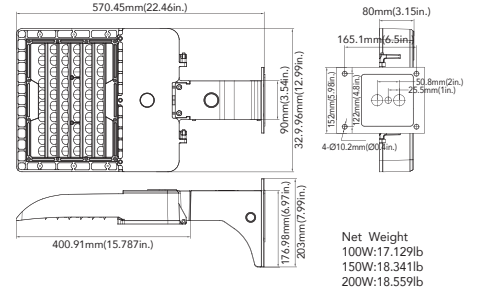
Slipfitter Mount(100W/150W&200W)



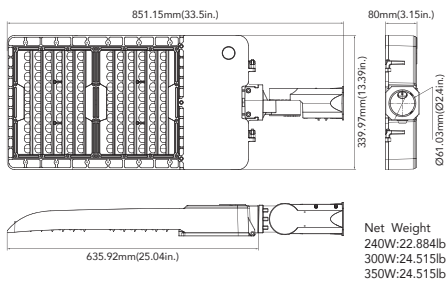
Pole Mount(100W/150W&200W)



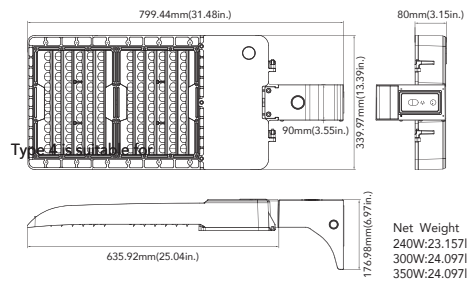
Wall Mount(100W/150W&200W)



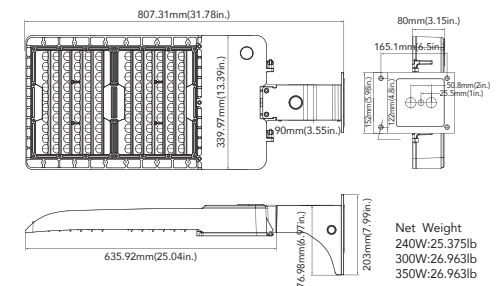
Slipfitter Mount(240W&300W&350W)



Pole Mount(240W&300W&350W)

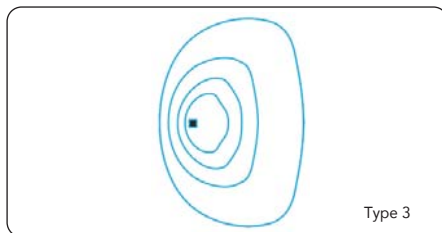


Wall Mount(240W&300W&350W)

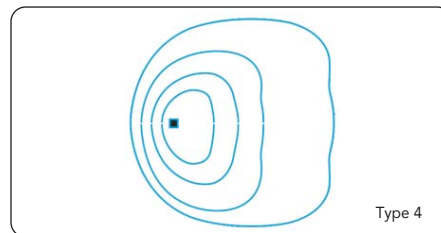


PHOTOMETRIC

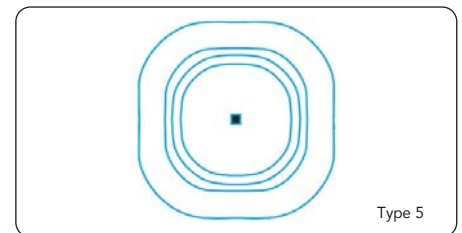
Type 3 optics produce an asymmetrical pattern that directs the majority of the light forward and equally on both sides of the luminaire. In a back-to-back configuration, it creates a rectangular pattern which can extend pole spacings.








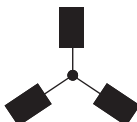
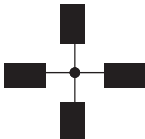
Type 4 is suitable for applications where light is primarily required forward with minimal backlight. Typical installations include perimeter poles.



Type 5 optics produce a symmetrical square distribution pattern that distributes light equally on all sides of the luminaire. Type 5 luminaires is universal for most area lighting applications



EPA OF AREA LIGHT

Item							
	1	2 @90°	2 @120°	2@180°	3 @90°	3 @120°	4 @90°
100W/150W/200W	0.4418	0.7145	0.8813	0.8836	1.0548	1.0135	1.0548
240W/300W/350W	0.5614	0.8471	1.105	1.1228	1.294	1.2503	1.294

MOUNTING

- Standard versatile mounting arm accommodates multiple drilling patterns as well as square and round poles
- Wall Mount available for direct wall mounting and J-box mounting
- Optional for cast aluminum slipfitter mounting adapter (Compatible with more MESTER mounting adaptors such as Tenon, suits for various application)

Mounting Options



Arm Mount (4" and 5" Square and Round poles)
Standard versatile mounting arm is simple to install and can be used with existing poles for retrofit installations.



Slipfitter Mount
An optional cast aluminum mast arm adapter secures fixture head to nominal 2-3/8" O.D. horizontal steel tenon arm.



Wall Mount
Wall Mount is easy to install for direct wall mounting with 1/2' conduit wiring or standard J-box mounting

Mounting Dimensions

