

DATA SHEET: PATRIOT AREA LIGHT

PRODUCT DESCRIPTION

The PATRIOT AREA LIGHT is ideal for replacing shoe box lights that are used for illuminating areas and suited for harsh environment applications.

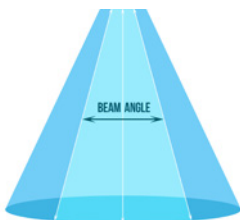
Our PATRIOT AREA LIGHTS are ballast ready for easy installation and are backed with our industry-leading 100,000-hour rated lamp life and 10-year warranty. See Ordering Model table below for our BAA compliant products. Contact us for pricing or more information.

PRODUCT BENEFITS

- IP66 rated and suitable for use in ambients -40°C to 45°C.
- One piece die-cast aluminium housing with UV resistant.
- Polycarbonate optical lens, outstanding corrosion protection.
- Suitable for mounting heights ranging from 18'-36'.
- Multiple Mounting options (Round Pole, Square Pole, Direct Wall, Slipfitter available).
- Efficiency up to 130 LPW.
- Power Factor: More than 0.99.
- CCT: 4000k, 5000K.
- Long life LEDs lasting up to 100,000 hours.
- Limited Warranty: 5 year (10yrs optional).

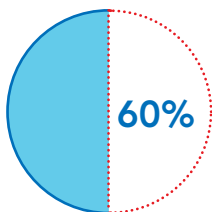


BEAM ANGLE



Patriot LED Light Distribution

CAN DECREASE ENERGY USAGE BY



vs. Similar Fluorescent Lamps

WARRANTY



Our Industry-Leading 10-Year Limited Warranty Guarantees Unsurpassed Quality

APPLICATIONS

- Auto dealerships.
- Parking lots.
- Walkways.
- Roadways.
- Campuses.
- Facade lighting.
- Grocery stores.
- Other public areas.



ORDERING MODEL

PATRIOT TUBE	WATTAGE	VOLTAGE	WORKING HOURS	CCT
PT-AL	40W, 70W, 105W, 150W, 200W, 250W, 300W	AC120-277V	100,000 hours	4000K 5000K
Product Code: example				
PT-AL70W27V				

PRODUCT SPECIFICATION

Product No.	BAA/TAA Option*	Rated Lamp Wattage	Finish Color	Color Temp (K)	Rated Lumens	CRI	Efficiency	Rated life (hours)	Power Factor	Input Frequency
AC120-277V, PATRIOT AREA LIGHT										
PT-AL40W27V	Yes	40W	DRK Bronze	4000K/5000K	5000	>80	up to 130LPW	100,000 hours	>0.99	50/60Hz
PT-AL70W27V	Yes	70W	DRK Bronze	4000K/5000K	8750	>80	up to 130LPW	100,000 hours	>0.99	50/60Hz
PT-AL105W27V	Yes	105W	DRK Bronze	4000K/5000K	13,125	>80	up to 130LPW	100,000 hours	>0.99	50/60Hz
PT-AL150W27V	Yes	150W	DRK Bronze	4000K/5000K	18,750	>80	up to 130LPW	100,000 hours	>0.99	50/60Hz
PT-AL200W27V	Yes	200W	DRK Bronze	4000K/5000K	25,000	>80	up to 130LPW	100,000 hours	>0.99	50/60Hz
PT-AL250W27V	Yes	250W	DRK Bronze	4000K/5000K	31,250	>80	up to 130LPW	100,000 hours	>0.99	50/60Hz
PT-AL300W27V	Yes	300W	DRK Bronze	4000K/5000K	37,500	>80	up to 130LPW	100,000 hours	>0.99	50/60Hz

PHYSICAL DATA

Product No.	Light Angle	Sensor	Certification
PATRIOT LED AREA LIGHT			
PT-AL70W27V	Type III & Type V	Optional	UL,DLC and Lighting Facts
PT-AL105W27V	Type III & Type V	Optional	UL,DLC and Lighting Facts
PT-AL150W27V	Type III & Type V	Optional	UL,DLC and Lighting Facts
PT-AL200W27V	Type III & Type V	Optional	UL,DLC and Lighting Facts
PT-AL250W27V	Type III & Type V	Optional	UL,DLC and Lighting Facts
PT-AL300W27V	Type III & Type V	Optional	UL,DLC and Lighting Facts

MOUNTING OPTIONS

- 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).



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"(2-3/8"O.D. pipe size) horizontal steel tenon arm.



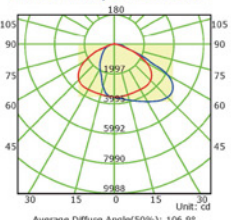
Wall Mount
Wall Mount is easy to install for direct wall mounting with 1/2" conduit wiring or standard J-box mounting



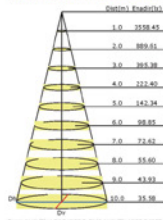
OPTICAL SYSTEM

AL105W27V50KDT3

Luminous Intensity Distribution Curve

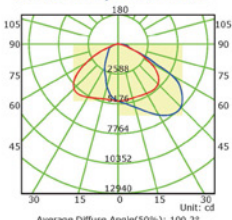


Illuminance at a Distance

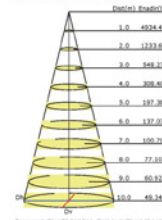


AL150W27V50KDT3

Luminous Intensity Distribution Curve

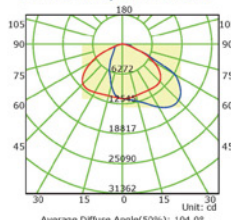


Illuminance at a Distance

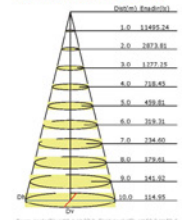


AL300W48V50KDT3

Luminous Intensity Distribution Curve



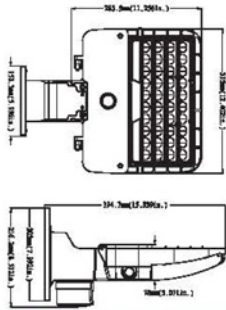
Illuminance at a Distance



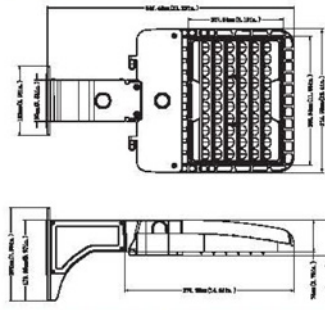
DIMENSIONS

unit: inch/mm

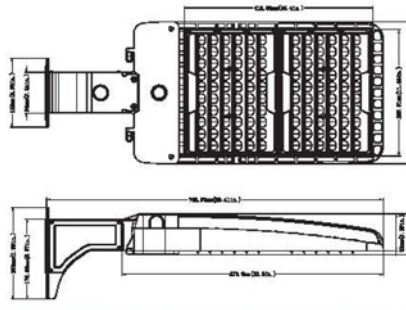
70W&105W (Wall Mount)



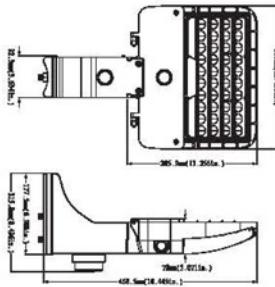
150W&200W (Wall Mount)



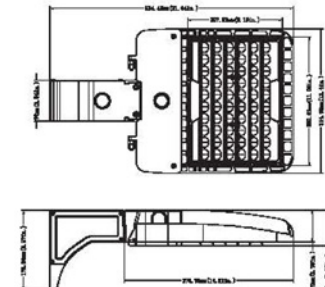
250W&300W (Wall Mount)



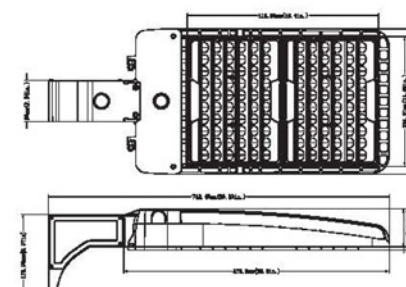
70W&105W (pole Mount)



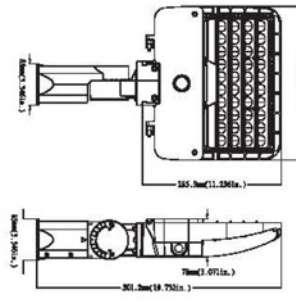
150W&200W (pole Mount)



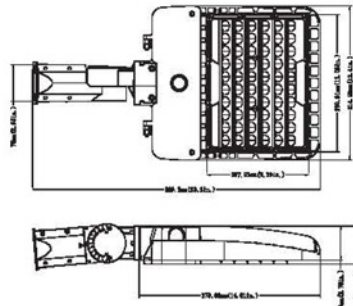
250W&300W (pole Mount)



70W&105W (Slipfitter Mount)



150W&200W (Slipfitter Mount)



250W&300W (Slipfitter Mount)

