



COMMERCIAL LED EXPERTS



OVERVIEW

The USSLAxxxWPL series Outdoor Area Lights are designed for pole mounting and come standard with 10KA surge protector, IoT Ready NEMA 7 prong receptacle with short cap. They feature uniform illumination, low profile design, high efficacy, long lifespan, and easy installation. The one piece die cast aluminum housing with UV resistant powder coat finish offers outstanding corrosion protection.

Limited Warranty: 5 Years
 Efficacy: up to 137 LPW
 Lumen Output: 10,300 40,800 LM
 Wattage: 80 300 W

APPLICATIONS

Ideal for use in various commercial environments such as auto dealerships, parking lots, walkways, roadways, campuses, façade lighting, grocery stores and other public areas.



IoT
 READY

Models

Model	Watts(W)	Lumens (LM)	Efficacy (LPW)
USSLA80WPL	80	10,592	132
USSLA100WPL	100	13,077	131
USSLA150WPL	150	19,185	130
USSLA200WPL	200	26,200	131
USSLA240WPL	240	31,989	130
USSLA300WPL	300	39,827	130

*Lumen Output based on universal voltage models at 5000K, Type III Lens
 Also available in Color Temperatures of 4000K, 4500K, and 5700K.

Technical Specifications

Warranty

uSaveLED warrants these LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. Please refer to our full warranty.

Qualifications

UL Listed:
 E473037

IESNA LM79 & LM-80 Testing:
 LED luminaires have been tested by an independent laboratory in accordance with IESNA LM 79 and LM 80.

DLC Qualification:
 Selected models of this product are on the Design Lights Consortium (DLC) Qualified Products List and are eligible for rebates from DLC Member Utilities. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl

Construction

IP Rating:
 Ingress Protection rating of IP65 for dust and water

Ambient Temperature:
 Suitable for up to 113° F (45° C) ambient temperature

Cold Weather Starting:
 The minimum starting temperature is 40° F (40° C)

Thermal Management:
 Superior thermal management with external Air Flow fins.

Housing:
 Die cast aluminum housing

Mounting Methods:
 Various Mounting Options

Green Technology:
 Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

Gaskets:
 Silicon Gaskets

Finish:
 Our environmentally friendly polyester powder coating are formulated from high durability and long lasting color, and contains no VOC or toxic heavy metals.

Lens:
 Polycarbonate

LED Characteristics

Lifespan:
 100,000 hour LED lifespan based on IES LM 80 results and TM 21 calculations.

LEDs:
 Multi chip, high output, long life LEDs

Color Stability:
 LED color temperature is warranted to shift no more than 200K in CCT over a 5 year period.

Color Temp:
 4000K(Natural White), 4500K, 5000K(Daylight), 5700K

Color Uniformity:
 Range of CCT follows the guidelines of the American National Standards for the Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANCI c78.377.2011

Color Rendering Index:
 >70

Electrical

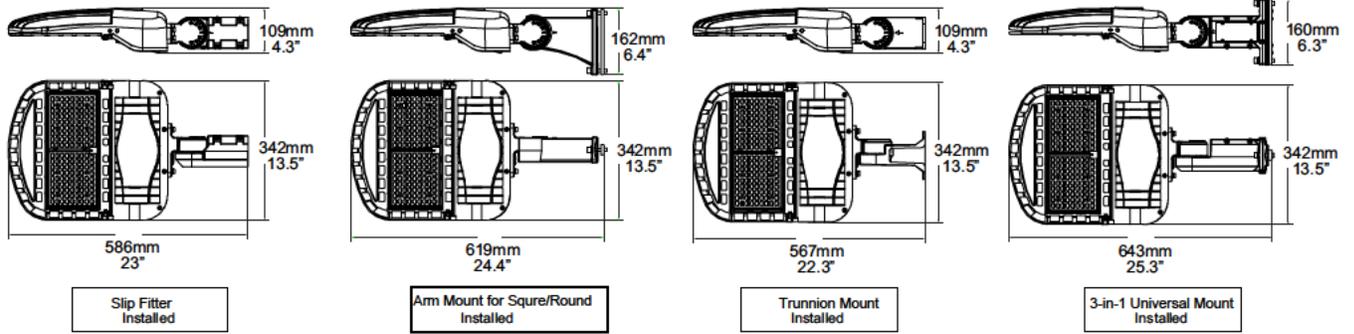
Drivers:
 LV models: 100 277V, HV models: 277 480v, 50 60Hz
 1 10 V Dimmable, Power Factor > 0.9, THD<15%;

Surge Protection:
 10KA Surge Protector included;

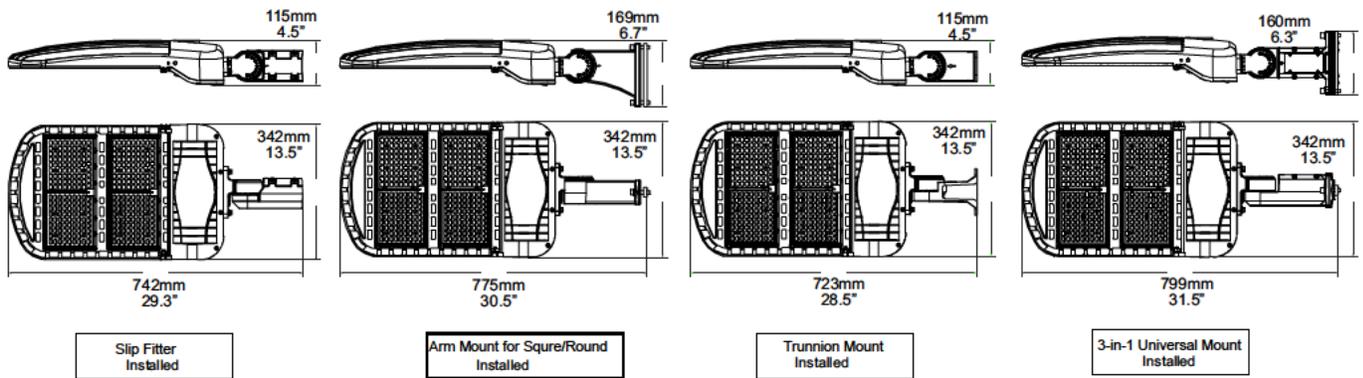
NEMA Receptacle:
 7 pin twist lock receptacle included, with short cap; compatible with 3/5/7 pin PhotoSensor or IoT controls.

Dimensions

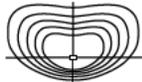
80/100/150



200/240/300



Lens Options



TYPE III



TYPE IV



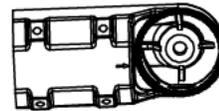
TYPE V

T3 = Type III (150°X 90°) [default]
 T4 = Type IV (140°X 80°)
 T5 = Type V (125°X 160°)

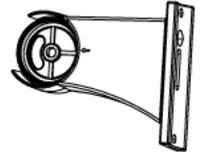
Lens Quantity per Fixture

One (1) Required for 80W, 100W, 150W
 Two (2) Required for 200W, 240W, 300W

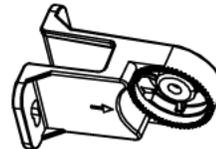
Mounting Options (all mounts angle adjustable)



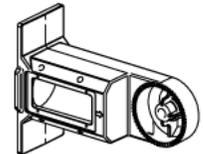
Slipfitter Mount
(Fits up to 2 - 1/2" tennon)



Arm Mount
(Fits all Square or Round Poles)



Trunnion Mount
(for wall or surface mount)

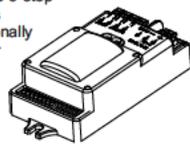


3-in-1 Universal Mount
(slipfitter/arm/trunnion 3-in-1)

Microwave Motion Sensor Assembly (Optional)

This motion sensor allows extra energy savings without compromising convenience. With its signature 3-step dimming function, it is perfect for use in areas that require a light change notice before optionally switching off the light. Daylight (on/off) sensor is integrated for maximum energy saving.

Hold Time adjustable:
 5s / 30s / 90s / 3min / 20min / infinity
 Daylight (ambient light threshold) adjustable:
 2lux / 5lux / 10lux / 25 lux / 50lux / 100lux / Disable
 Stand-by period adjustable:
 0s / 5s / 5min / 10min / 30min / 1h / infinity
 Stand-by dimming level adjustable:
 10% / 20% / 30% / 50%



Input: 100-277v only

Photocell Sensor (Optional)

All USSLAxxxWPL area lights come with NEMA Seven-Prong Twist Lock receptacle with short-cap pre-installed. The dimming control cords are also connected to the receptacle.

It is compatible with Three-Prong photocell sensors and many IoT node control devices.



Photocell sensor can be ordered to be easily field installed on the top of the USSLAxxxWPL Series for Dusk to Dawn functionality.

Specify Voltage:

100-277v input
 480v input

