

Specifications

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.

Optics:

- Available in IES Type III, IV, V distributions
- Light engines are available in standard 4000k and 5000k (80CRI) configurations.
- Scalable Lumen Packages from 39600 to 42000 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 100-277VAC & 277-480VAC input voltage
- Standard with 1-10V dimming driver(s)
- THD: $\leq 20\%$
- Power Factor: $\geq 90\%$

Controls:

- Optional occupancy sensor
- Optional Photocell

Ambient Temperature:

- Ambient operating temperature -40°C to $+40^{\circ}\text{C}$ (-40°F to 122°F).

Installation:

- Suitable for mounting heights ranging from 32-50' 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

Lifespan:

- Estimated 50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

Finish:

- It's available in black or optional dark bronze, silvery gray or white.



Black



Dark Bronze



Silver Gray



White

Certifications:

- UL wet location listed and DLC qualified



Note:

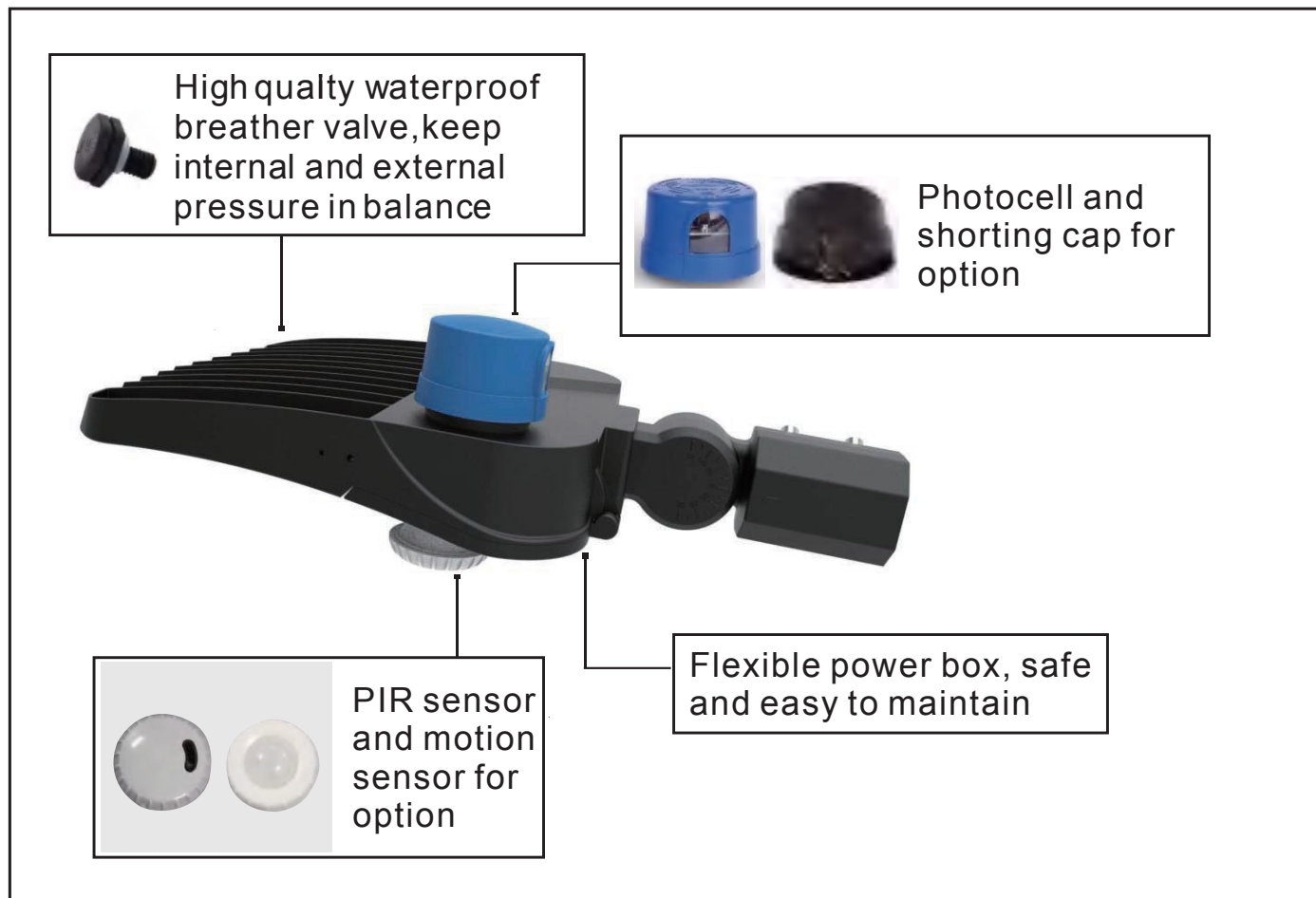
Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C ($\pm 5^{\circ}\text{C}$) specifications subject to change without notice.

Applications:

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



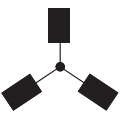
Expansion function



TECHNOLOGY PARAMETERS

Model#	TS-SL0730-300W-H3-50K (AC100-277V) TS-SL0730-300W-H3-HV-50K (AC277-480V)
Input Voltage	AC100-277V&AC277-480V
Wattage	300W
CRI	80
CCT	5000K
Photometry	Type III
Lumen	42000 LM
Efficiency	140lm/w
LED Source	LUMILEDS 2835
Dimmable	1-10V
DLC#	TS-SL0730-300W-H3-50K([Blank,PIR,PTC,MS,PIP]) TS-SL0730-300W-H3-HV-50K([Blank,PIR,PTC,MS,PIP])

EPA OF AREA LIGHT

Item	Mounting							
		1	2 @90°	2 @120°	2@180°	3 @90°	3 @120°	4 @90°
300W	Square	0.4759	0.7889	1.0581	0.9518	1.2648	1.371	1.2648
300W	Slipfitter	0.464	0.7648	1.0316	0.928	1.2288	1.243	1.2288

BUG

SYSTEM WATTS	VOLTAGE	DIST.TYPE	B	U	G
300W	100-277V	3	4	0	4

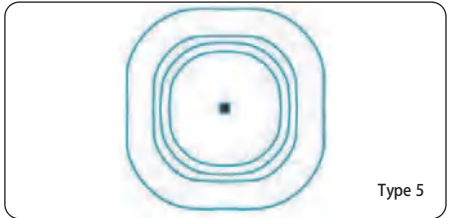
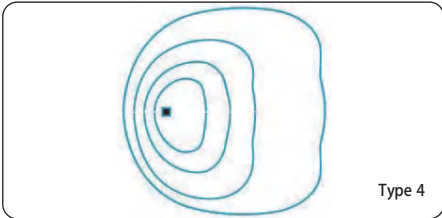
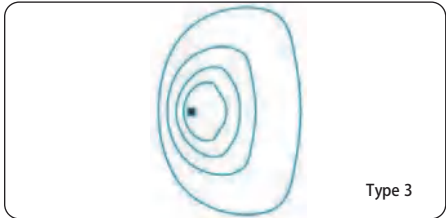
PHOTOMETRICS

We offers a complete set of optical systems to meet every site lighting requirement. These systems provide remarkable flexibility in precisely matching light distribution patterns to specific site requirements.

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



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 case aluminum slipfitter mounting adapter

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 case aluminum mast arm adapter secures fixture head to nominal 2-3/8"O.D. horizontal steel tenon arm.

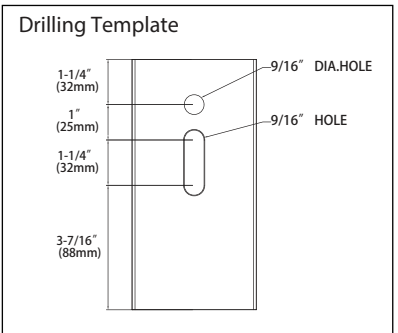
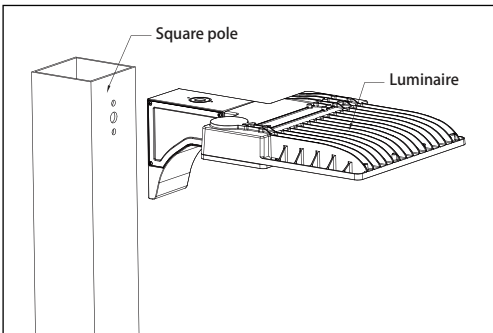
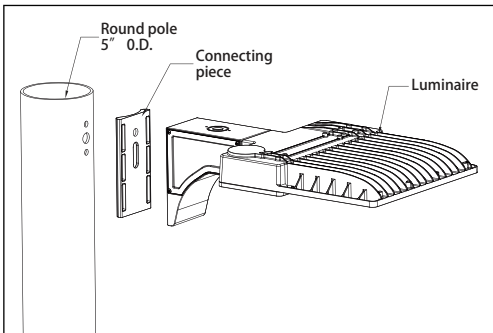


Wall Mount
Wall Mount is easy to install for direct wall mounting with 1/2" conduit wiring or standard J-box mounting



Yoke Mount
Die-cast aluminum trunnion is easily adapted to many surfaces and allows easy fixture aiming angles.

Mounting Dimensions

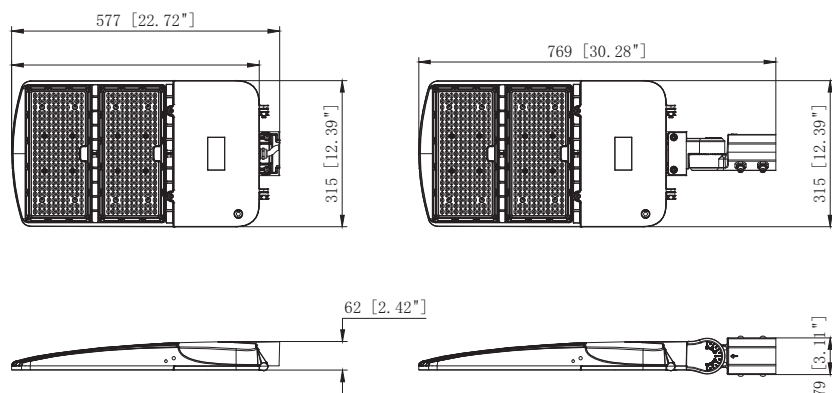


DIMENSION

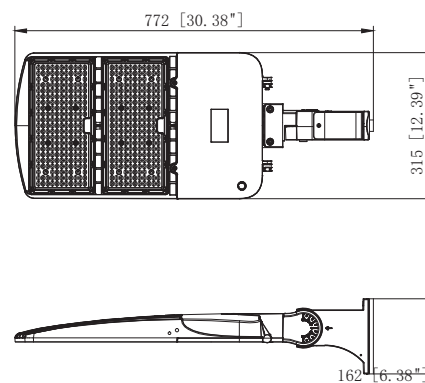
unit: inch/mm

300W

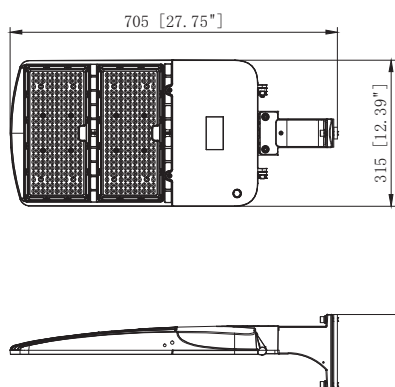
TYPE A



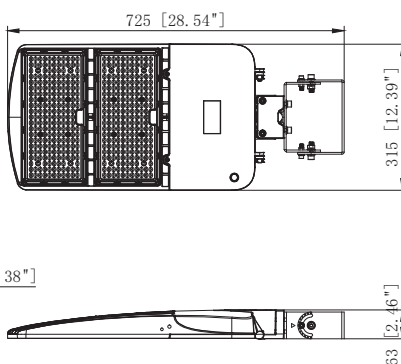
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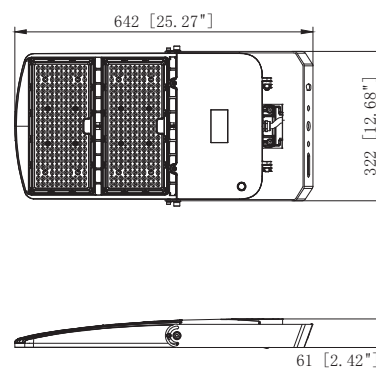
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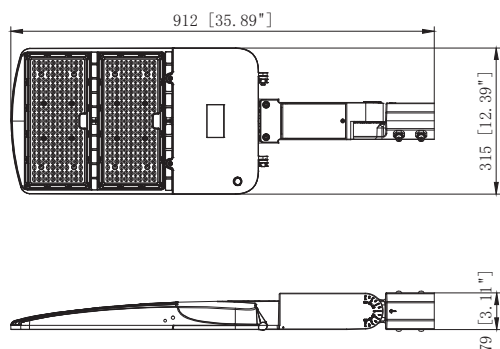
TYPE D



TYPE E



TYPE F



TYPE G

