

AREA LIGHT (CSIAL01)

Applications:

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

Features

- The one piece die-cast aluminum housing with UV resistant polycarbonate optical lens, outstanding corrosion protection.
- Lumen output from 5400-13400lm with efficacy up to 136lm/W.
- Various distribution patterns including Type III and Type V
- Suitable for mounting heights ranging from 10-32' in area lighting applications
- Round pole, Square pole, slipfitter and wall mount
- Optional for photocell. Increase energy savings with bi-level motion sensor
- Voltage is 120-277V or 347/480V and support 0-10V dimmable
- Fixtures are IP66 rated and suitable for use in ambients from -40°C to 45 °C (-40 °F to 113 °F).
- Expected service life is over 100,000 hrs and 5 year limited warranty
- UL Wet location listed and DLC qualified



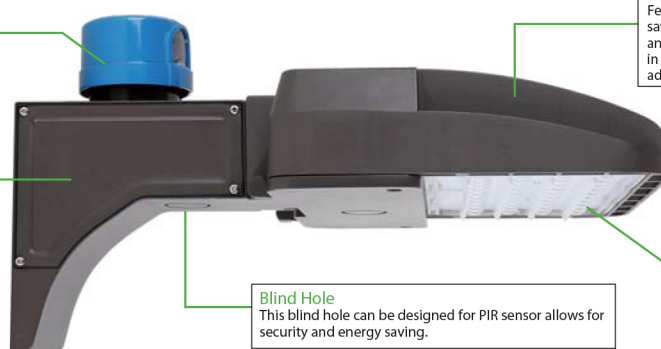
Photocontrol
Optional photocontrol allows for further energy saving.

Standard Arm Mount
The design features an integral arm, increasing strength and simplifying installation.

Blind Hole
This blind hole can be designed for PIR sensor allows for security and energy saving.

Housing
Features a compact, one-piece die cast housing, saving costs versus models that are extruded or cast and require additional parts. The heat sink is included in the actual casting, further minimizing the need for additional parts.






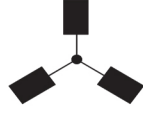

LED Light Engine
IP65 rated LED light engine eliminates the need for a glass lens for maximum light output. Use of latest generation LEDs means more light from fewer LEDs, resulting in lower costs.



PERFORMANCE DATA

			4000K(70CRI)					5000K(70CRI)				
SYSTEM WATTS	Input Voltage	DIST.TYPE	LUMENS	LPW	B	U	G	LUMENS	LPW	B	U	G
40W	120-277V	3	5400lm	135 lm/W	1	0	1	5450lm	136 lm/W	1	0	1
		5	5600lm	140 lm/W	2	0	1	5600lm	140 lm/W	2	0	1
70W	120-277V	3	9000lm	129 lm/W	2	0	2	9000lm	129 lm/W	2	0	2
		5	9500lm	136 lm/W	3	0	1	9500lm	136 lm/W	3	0	1
75W	347/480V	3	9000lm	120 lm/W	2	0	2	9000lm	120 lm/W	2	0	2
		5	9500lm	127 lm/W	3	0	1	9500lm	127 lm/W	3	0	1
105W	120-277V	3	13400lm	128 lm/W	3	0	2	13400lm	128 lm/W	3	0	2
		5	13400lm	128 lm/W	3	0	1	13400lm	128 lm/W	3	0	1
110W	347/480V	3	13000lm	118 lm/W	3	0	2	13000lm	118 lm/W	3	0	2
		5	13400lm	122 lm/W	3	0	1	13400lm	122 lm/W	3	0	1

EPA OF AREA LIGHT

Item							
	1	2 @90°	2 @120°	2@180°	3 @90°	3 @120°	4 @90°
40W/70W/105W	0.626	0.705	0.974	0.981	0.982	0.977	0.982

ELECTRICAL DATA

Number Of Drivers	Driver Current (Amps)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	980	40	120	0.58
		40	208	0.34
		40	240	0.29
		40	277	0.25
		70	120	0.58
1	1750	70	208	0.34
		70	240	0.29
		70	277	0.25
		75	347	0.22
		75	480	0.16
		105	120	0.88
		105	208	0.50
1	2600	105	240	0.44
		105	277	0.38
		110	347	0.32
		110	480	0.23

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 CSILED 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.

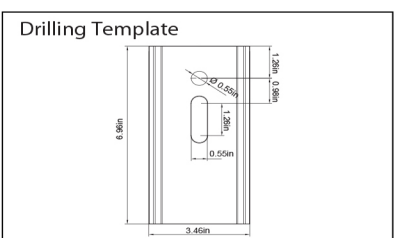
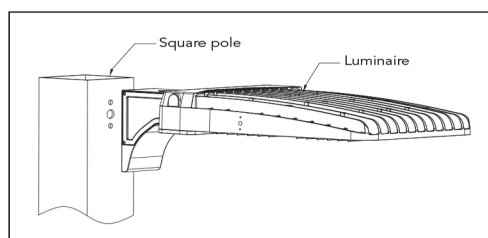
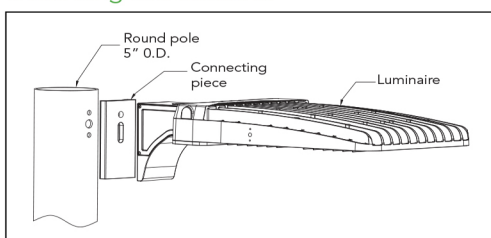


Slipfitter Mount
An optional cast aluminum mast arm adapter secures fixture head to nominal 2"(2-3/8" O.D. pipe size) horizontal steel tenon arm.



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

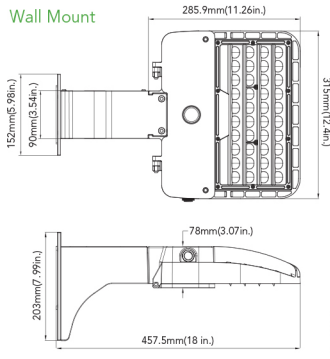
Mounting Dimensions



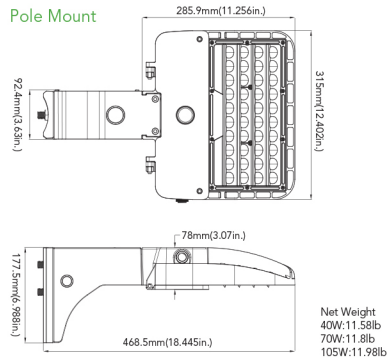
DIMENSION

unit: inch/mm

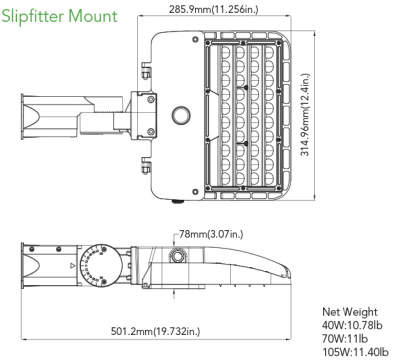
Wall Mount



Pole Mount



Slipfitter Mount

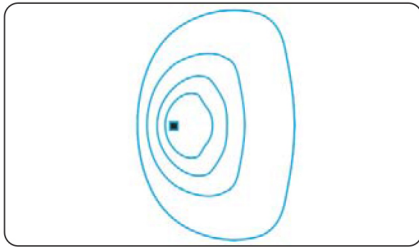


PHOTOMETRICS

CSILED 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.

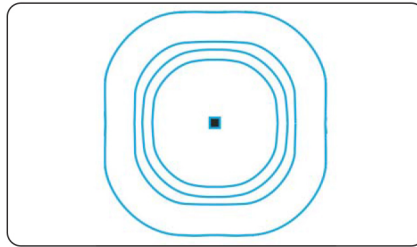
Type 3:

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.


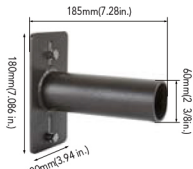







Type 5:

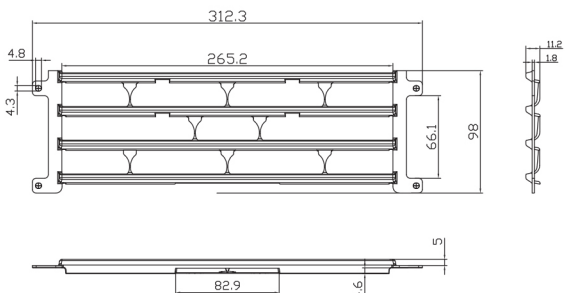
Type 5 optics produce a symmetrical square distribution pattern that distributes light equally on all sides of the luminaire. Type 5 luminaires is universal for most area lighting applications



ADDITIONAL MOUNTING ACCESSORIES

WALL BRACKET		Mid-Pole tenon Bracket	
	<p>90° Wall Mount Bracket with 2-3/8" O.D. Tenon</p> <p>Finish: Dark Bronze</p> <p>USE: The 90° wall mount bracket with 2-3/8" tenon attaches an CSILED floodlight to almost any surface: wall, roof, or wood pole. Provides wiring access and abuilt-in 2-3/8" O.D. tenon to mount a fixture with our adjustable slipfitter. Suggested 3/8" diameter bolts for mounting. Mounting holes are spaced 3-1/4" apart.</p>		<p>2-3/8" OD Horizontal Tenon Mid-Pole Bracket</p> <p>Finish:Dark Bronze</p> <p>USE:2-3/8" OD Horizontal Tenon Mid-Pole Bracket is designed to mount light fixture that is equipped with a adjustable slipfitter onto a 2-3/8" OD horizontal tenon</p>
Round External Mount Horizontal Tenon · To mount 2/3/4 fixtures on a existing pole			
	<p>Double 90° Horizontal Tenon Adaptor</p> <p>Finish:Dark Bronze</p> <p>USE:The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally</p>		<p>Triple 120° Horizontal Tenon Adaptor</p> <p>Finish:Dark Bronze</p> <p>USE:The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Three fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally</p>
	<p>Double 180° Horizontal Tenon Adaptor</p> <p>Finish:Dark Bronze</p> <p>USE:The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally</p>		<p>Quad 90° Horizontal Tenon Adaptor</p> <p>Finish:Dark Bronze</p> <p>USE:The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Four fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally</p>
	<p>Triple 90° Horizontal Tenon Adaptor</p> <p>Finish:Dark Bronze</p> <p>USE:The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Three fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally</p>		

BACKLIGHT CONTROL ACCESSORIES

	
<p>Backlight Control</p> <p>USE: It will reduce the light spill behind the pole.</p> <p>Finish: Black</p>	