

GRAL02	Cat. #		SELSETM LIGHTING PRODUCTS
	Job	Type	
	Approvals		



Medium Size: 100W/150W/200W



Large Size: 300W/350W



10 Year
Warranty

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 Solidus 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

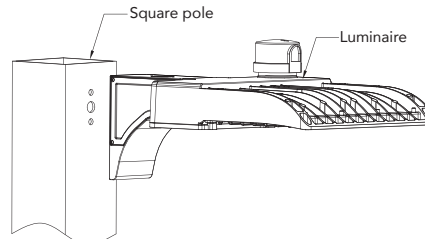
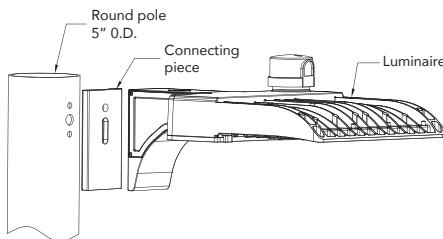
An optional cast aluminum mast arm adapter secures fixture head to nominal 2" (2-3/8" O.D. pipe size) horizontal steel tenon arm.



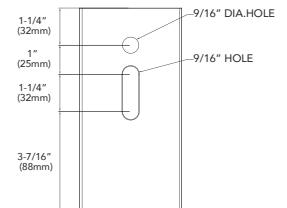
Wall Mount

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

MOUNTING DIMENSIONS



Drilling Template



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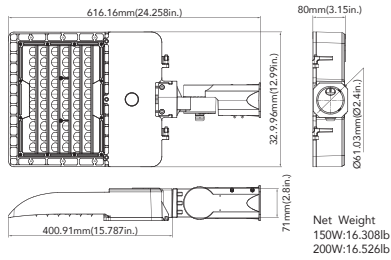
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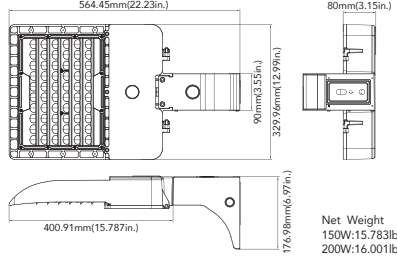
DIMENSIONS

unit: mm/inch

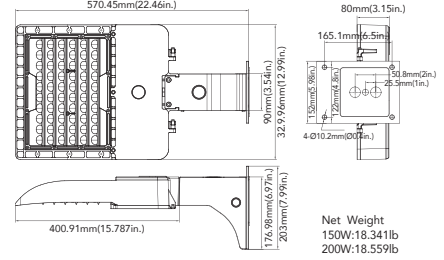
Slipfitter Mount (150W&200W)



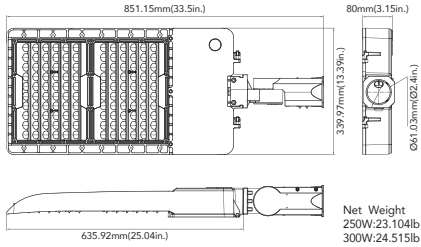
Pole Mount (150W&200W)



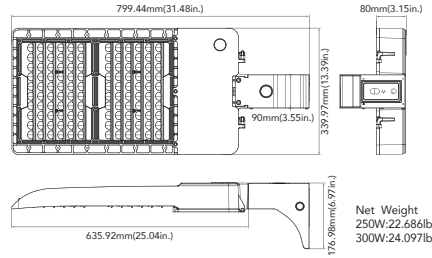
Wall Mount (150W&200W)



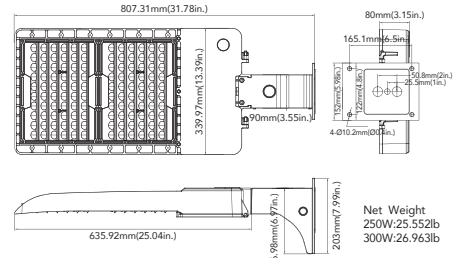
Slipfitter Mount (250W&300W)



Pole Mount (250W&300W)

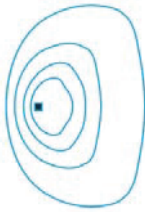


Wall Mount (250W&300W)



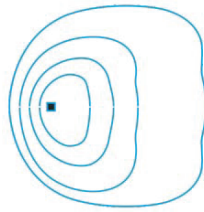
PHOTOMETRICS

Selidus 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.



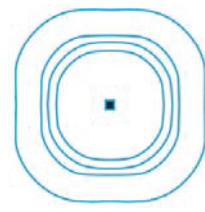
Type 3:

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 4:

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



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.

EPA OF AREA LIGHT

Item	1	2 @90°	2 @120°	2@180°	3 @90°	3 @120°	4 @90°
150W/200W	0.4418	0.7145	0.8813	0.8836	1.0548	1.0135	1.0548
250W/300W	0.5614	0.8471	1.105	1.1228	1.294	1.2503	1.294



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PERFORMANCE DATA		4000K (70CRI)					5000K (70CRI)				
SYSTEM WATTS	DIST. TYPE	LUMENS	LPW	B	U	G	LUMENS	LPW	B	U	G
150W	3	19500lm	130 lm/W	3	0	2	19700lm	131 lm/W	3	0	2
	4	18000lm	120 lm/W	3	0	3	18500lm	123 lm/W	3	0	3
	5	21000lm	140 lm/W	4	0	2	21150lm	141 lm/W	4	0	2
200W	3	26000lm	130 lm/W	3	0	2	26200lm	131 lm/W	3	0	2
	4	24000lm	120 lm/W	3	0	3	24500lm	123 lm/W	3	0	3
	5	27000lm	135 lm/W	4	0	2	27200lm	136 lm/W	4	0	2
250W	3	33000lm	132 lm/W	4	0	3	33250lm	133 lm/W	4	0	3
	4	30000lm	120 lm/W	4	0	3	30500lm	122 lm/W	4	0	3
	5	35000lm	140 lm/W	5	0	2	35250lm	141 lm/W	5	0	2
300W	3	39000lm	130 lm/W	4	0	3	39300lm	131 lm/W	4	0	3
	4	36000lm	120 lm/W	4	0	4	37590lm	125 lm/W	4	0	4
	5	42000lm	140 lm/W	5	0	2	42300lm	141 lm/W	5	0	2

ELECTRICAL DATA

NUMBER OF DRIVERS	DRIVER CURRENT (mA)	NOMINAL POWER (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	3900	150	120	1.25
		150	208	0.72
		150	240	0.63
		150	277	0.54
		150	347	0.43
		150	480	0.31
1	5100	200	120	1.67
		200	208	0.96
		200	240	0.83
		200	277	0.72
		200	347	0.58
		200	480	0.42
1	6400	250	120	2.08
		250	208	1.20
		250	240	1.04
		250	277	0.90
		250	347	0.72
		250	480	0.52
1	6000	300	120	2.50
		300	208	1.44
		300	240	1.25
		300	277	1.08
		300	347	0.86
		300	480	0.63



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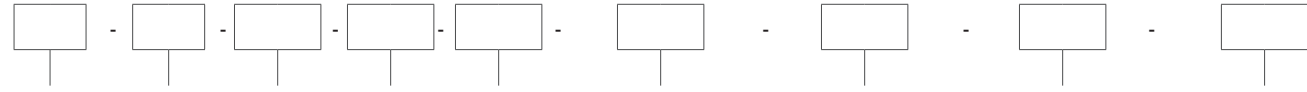
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Applications: Auto dealerships, parking lots, walkways, roadways, campuses, facade lighting, grocery stores and other public areas.

FEATURES

- » The one piece die-cast aluminum housing with UV resistant polycarbonate optical lens, outstanding corrosion protection
- » Lumen output 18000-42300lm with efficacy to 141lm/W
- » Various distribution patterns including Type III and Type IV and Type V
- » Suitable for mounting heights ranging from 26-40' 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 / 347V-480V and support 1-10V dimmable
- » Fixtures are 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 10 year limited warranty
- » UL Wet location listed and DLC premium qualified

ORDER MATRIX



FIXTURE TYPE	WATTAGE	VOLTAGE	CCT	FINISH	PHOTOCELL (Option)	SENSOR (Option)	MOUNTING	PHOTOCELL
GRAL02	150 150W	27V 120-277V	40K 4000K	D Dark Bronze	P0 120-277V Photocell	M With 120-277V Sensor Blank Without Sensor	SQ Square Pole Mount SP Slipfitter Mount WM Wall Mount	T3 TYPE III Photometry T4 TYPE IV Photometry T5 TYPE V Photometry
	200 200W	48V 347-480V	50K 5000K	B Black	P3 347V Photocell			
	250 250W			W White	P4 480V Photocell			
	300 300W			SG Silver Gray	Blank Without Photocell			

Note: 100W is limited to 120-277V only.

POLE BRACKET • For mounting one fixture on an existing pole	
<p>4" Square Pole Mount with 2-3/8" O.D. Tenon No. 4SQ-SP-D Finish: Dark Bronze USE: For use with square, non-tapered steel and aluminum poles. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.</p>	<p>4" Round Pole Mount with 2-3/8" O.D. Tenon No. 4SQR-SP-D Finish: Dark Bronze USE: For use with Round, non-tapered steel and aluminum poles. Furnished with three 3/8" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.</p>
<p>5" Square Pole Mount with 2-3/8" O.D. Tenon No. 5SQ-SP-D Finish: Dark Bronze USE: For use with square, non-tapered steel and aluminum poles. Furnished with four 5/16" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.</p>	<p>5" Round Pole Mount with 2-3/8" O.D. Tenon No. 5SQR-SP-D Finish: Dark Bronze USE: For use with Round, non-tapered steel and aluminum poles. Furnished with three 3/8" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.</p>
<p>Pole Bracket accessories-Tenon & Yoke Adaptor NO. SP-TR-D Finish: Dark Bronze USE: The 2-3/8" OD Tenon Mount Adaptor for Yoke Fixtures is designed to mount MILLS light fixtures that are equipped with a yoke mount onto a 2-3/8" OD tenon. It may be utilized with the MILLS Flood Light Series of light fixtures.</p>	
WALL BRACKET	
<p>• Attaches to any flat surface • Provides wiring access</p>	
<p>90° Wall Mount Bracket with 2-3/8" O.D. Tenon NO. WM-SP-D Finish: Dark Bronze USE: The 90° wall mount bracket with 2-3/8" tenon attaches an MILLS floodlight to almost any surface: wall, roof, or wood pole. Provides wiring access and built-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 NO. SQ-SP-D Finish: Dark Bronze 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>



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ROUND EXTERNAL MOUNT HORIZONTAL TENON • To mount 2/3/4 fixtures on a existing pole

	<p>Double 90° Horizontal Tenon Adaptor NO. R60-SP2-90-D Finish: Dark Bronze 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 NO. R60-SP3-120-D Finish: Dark Bronze 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 NO. R60-SP2-180-D Finish: Dark Bronze 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 NO. R60-SP4-90-D Finish: Dark Bronze 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 NO. R60-SP3-90-D Finish: Dark Bronze 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>		



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