

GRFD09	Cat. #		SELSETM LIGHTING PRODUCTS
	Job	Type	
			Approvals



Medium Size: 100W/150W/200W

Large Size: 300W/350W



10 Year
Warranty

MOUNTING

- » Heavy duty aluminum trunnion easily adapted to many surfaces and allows easy fixture aiming angles.
- » Wall Mount available for direct wall mounting and J-box mounting
- » Optional for cast aluminum slipfitter mounting adapter

MOUNTING OPTIONS



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.



Trunnion(Yoke) Mount

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



Wall Mount

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



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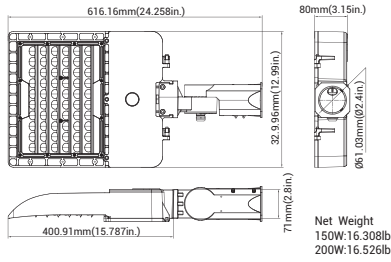
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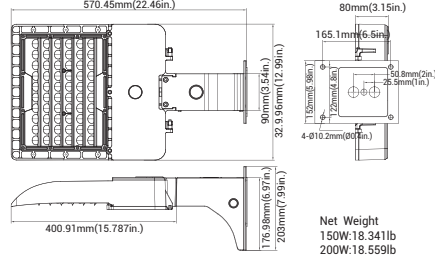
DIMENSIONS

unit: mm/inch

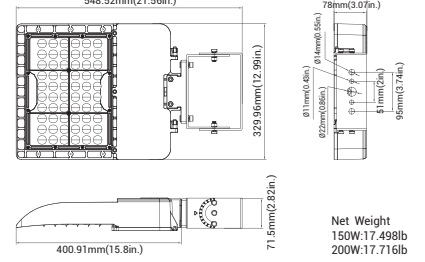
Slipfitter Mount (100W/150W&200W)



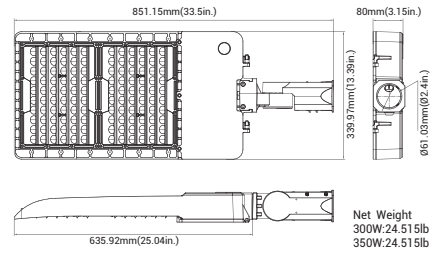
Wall Mount (100W/150W&200W)



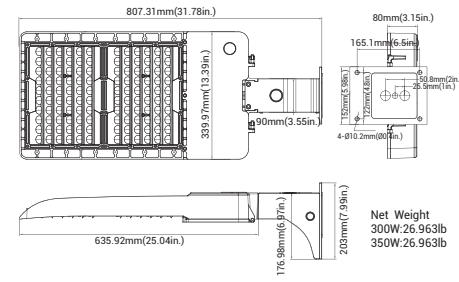
Yoke Mount (100W/150W&200W)



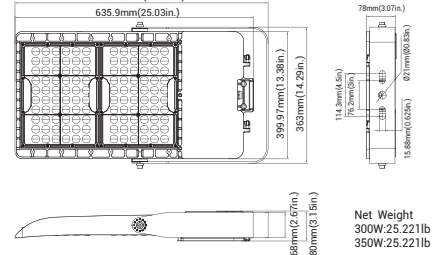
Slipfitter Mount (300W/350W)



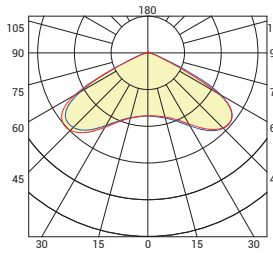
Wall Mount (300W/350W)



Trunnion Mount (300W/350W)



PHOTOMETRICS



PERFORMANCE DATA

SYSTEM WATTS	VOLTAGE	DIST. TYPE	4000K (70CRI)		5000K (70CRI)	
			LUMENS	LPW	LUMENS	LPW
100W	120-277V	7Hx7V	14900lm	149 lm/W	14900lm	149 lm/W
150W	120-277V	7Hx7V	22000lm	147 lm/W	23000lm	153 lm/W
	347-480V		23000lm	153 lm/W	23150lm	154 lm/W
200W	120-277V	7Hx7V	28200lm	141 lm/W	28400lm	142 lm/W
	347-480V		28400lm	142 lm/W	29000lm	145 lm/W
300W	120-277V	7Hx7V	43500lm	145 lm/W	43800lm	146 lm/W
	347-480V		43800lm	146 lm/W	44100lm	147 lm/W
350W	120-277V	7Hx7V	50750lm	145 lm/W	51100lm	146 lm/W
	347-480V		51100lm	146 lm/W	52150lm	149 lm/W



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ELECTRICAL DATA

NUMBER OF DRIVERS	DRIVER CURRENT (mA)	NOMINAL POWER (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	2600	100	120	0.83
		100	208	0.48
		100	240	0.42
		100	277	0.36
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	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
1	6200	350	120	2.92
		350	208	1.68
		350	240	1.46
		350	277	1.26
		350	347	1.01
		350	480	0.73

FEATURES

- » Die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling
- » The LED driver is mounted in direct contact with the casting to promote low operating temperature and long life
- » All hardware is corrosion resistant stainless steel
- » Housing is completely sealed against moisture and environmental contaminants
- » Optics (NEMA Type): 7H*7V
- » Light engines are available in standard 4000 K and 5000 K (70 CRI) configurations
- » Scalable Lumen Packages from 14,900 to 52,150 Lumens replaces up to 1000W Metal Halide
- » A variety of precision-molded vacuum-metallized specular reflectors are engineered for superior target illumination, uniformity and spacing
- » Universal 120-277 VAC or 347-480 VAC input voltage
- » Standard with 0-10V dimming driver(s)
- » UL Class 2 drivers
- » Both drivers have a power factor >90%, THD <20%, and an expected life of 100,000 hours
- » Optional Photocell
- » Ambient operating temperature -40°C to 45°C (-40°F to 113°F)
- » Slipfitter, Trunnion, Yoke and Wall mount are all available
- » It's available in black or optional dark bronze, silvery gray or white
- » Solidus warrants that our LED products will be free from defects in materials and workmanship for a period of five (10) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish
- » 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 (±5°C) specifications subject to change without notice



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ORDER MATRIX



FIXTURE TYPE	WATTAGE	VOLTAGE	CCT	CRI	FINISH	PHOTOCELL (Option)	NEMA	MOUNTING
GRFD09	100W 100Watts 150W 150Watts 200W 200Watts 300W 300Watts 350W 350Watts	27V 120-277V 48V 347-480V	40K 4000K 50K 5000K	B 70CRI	D Dark Bronze B Black W White SG Silver Gray	P0 120-277V Photocell P3 347V Photocell P4 480V Photocell Blank Without Photocell	B77 7Hx7V	TR Trunnion Mount SP Slipfitter Mount WM Wall Mount YK Yoke Mount

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. 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>4\" Round Pole Mount with 2-3/8\" O.D. Tenon No. 4RQ-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. 5RQ-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>		

<p>WALL BRACKET • Attaches to any flat surface • Provides wiring access</p>	<p>MID-POLE TENON BRACKET</p>
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	<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 a 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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