

LAP-3G

Project Name:	
Type:	



APPLICATION

For all applications in site, area, and general lighting requiring high uniformity, excellent vertical light distribution, reduced offsite visibility, reduced on-site glare and effective security light levels. The LAP luminaire delivers exceptional performance in a low-profile design.

FEATURES:

- Die-cast aluminium construction body on which electrical components.
- Die-cast integral heat sink to provide thermal management.

MOUNTING:

- PMS: Pole mount arm available for 3", 4" and 5" square pole.
- PMR: Pole mount arm available for 3" (PMR3), 4" (PMR4) and 5" (PMR5) dia. round pole.
- SF: Adjustable slip fitter mount available for pipe installation (1-21/32"O.D to 2-3/8"O.D)
- WM: Wall mount plate.
- Mounting arm bolts are 304 stainless steel and zinc-plated steel.
- MA: Available for 2.375"(O.D) sized Mast Arm Pole.
- MA2: Available for 1.900"(O.D) sized Mast Arm Pole.

LED:

- Color Temperature: 3000 / 4000 / 5000K
- Color Rendering Index: 70+ CRI.
- Lumileds LED.
- Lifetime: over 50,000 hours.
- Optical lens is used to reduce glare.

OPTIC:

- UV stabilized polycarbonate lens.

ELECTRICAL:

- UL, FCC certified input voltage range: 100V-277V, 50/60HZ
- Power factor >90%, THD <20%
- Operating temperature: -40°C to 50°C (-40°F to 122°F)
- Provided with integrated surge protection (6kV line-line, 10kV line-earth).
- Optional integrated 10kV/10kA surge protection available (SP10).
- Over Voltage Protect : Hiccup mode. The power supply shall return to normal operation only after the power is turn-on again.
- Short Circuit Protect : No damage shall occur when any output operating in a short circuit condition. The power supply shall be self-recovery when the fault condition is removed.
- Waterproof (IP67) and UL Dry / Damp / Wet Location outdoor LED driver.
- RoHS compliant.
- Complies with Part 15 of the FCC Rules (meets 47 CFR 15, Class B).
- Class A sound rated.
- Class A EMI/RFI.

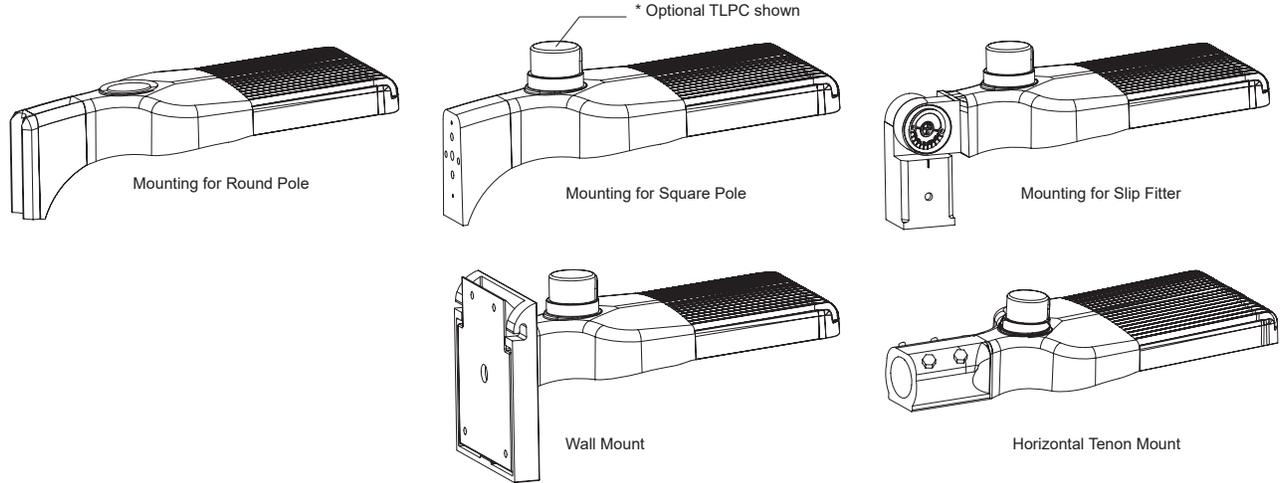
LISTING:

- UL / CUL listed.
- Listed to UL 1598 and UL 8750.
- DLC listed. ¹
- IP65 & IP66.
- ARRA compliant (optional).
- BAA compliant (optional).
- BABA compliant (optional).¹²
- Tested to IESNA LM80 standards.
- 5 years limited warranty.
- 7 or 10 years limited warranty. (optional) ²
- Certified to ANSI C136.31-2010, 3.0G Level 2 for Bridge/Overpass Applications (PMS mounting).

CONFIGURATIONS

	Type	Nominal Input (W)	Total Lumen Output	Lumen Efficiency (lm/w)	EPA Rating (w/o photocell)	EPA Rating (w/ photocell)	B.U.G. Rating	Weight (lbs/kg)
100	T3VS	93W	12649 lm	136	0.55	0.6	B2-U0-G3	14.7 lbs / 6.7 kg
	T3M		12090 lm	130			B1-U0-G2	
	T4M	95W	12786 lm	134			B2-U0-G3	
	T5		14440 lm	152			B5-U0-G3	
150	T3VS	139W	18906 lm	136	0.63	0.67	B1-U0-G1	19.8 lbs / 9 kg
	T3M		18070 lm	130			B1-U0-G2	
	T4M		17931 lm	129			B1-U0-G2	
	T5		21214 lm	152			B5-U0-G3	
200	T3VS	189W	25706 lm	136	0.71	0.75	B1-U0-G1	22 lbs / 10 kg
	T3M		24570 lm	130			B1-U0-G2	
	T4M		24381 lm	129			B1-U0-G2	
	T5		28728 lm	152			B5-U0-G3	

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* Effective Projected Area (EPA) with Square Pole Mounting.

ORDERING INFORMATION

EXAMPLE: LAP-3G-100ED-50K-T4M-UNV-DM-BZ-WM

MODEL	LED	COLOR TEMP.	DISTRIBUTION	VOLTAGE	DIMMING	FINISH	
LAP-3G	100LED	100W	-30K 3000K	T3VS Type III Very Short 	UNV 120-277V (Std.) 347 347V 480 480V	DM 0-10V Dimming (Std.)	BZ Dark Bronze RAL#8019 (Std.)
	150LED	150W	-40K 4000K	T3M Type III Medium 			GR Gray RAL#7036
	200LED	200W	-50K 5000K (Std.)	T4M Type IV Medium 			WH White RAL#9003
	xxxLED	Customized Wattage/ Lumen package ⁹	AMB Amber LED ^{7, 10, 11}	T5 Type V 			Black RAL#9011
							* Available custom color (RAL) Please provide us with the RAL number. * Non-standard finish with extra charge.

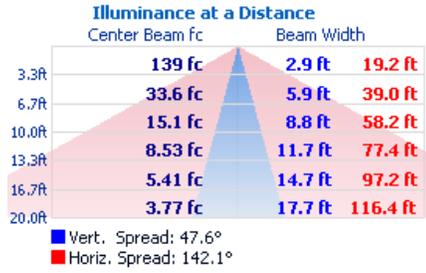
MOUNTING		OPTIONS	
SF	Slip Fitter	HS	House Shield
WM	Wall Mount	RC	NEMA twist-lock receptacle only (no controls)
PMS	Square Pole Mount Arm	RC7	NEMA 7-wire receptacle only (no controls) ³
PMR3	3" Round Pole Mount Arm	TLPC3	3-Pin Receptacle and Twist Lock Photocell Installed 120V-277V
PMR4	4" Round Pole Mount Arm	TLPC4	3-Pin Receptacle and Twist Lock Photocell Installed 480V
PMR5	5" Round Pole Mount Arm	TLPC-SC	Shorting Cap
MA	Horizontal Tenon Mount	SP10	Integrated 10kV/10kA surge protection
MA2	Horizontal Tenon Mount (Mounts to 1-1/2" IP, 1,900" O.D)	REM16	Remote 16W Emergency Battery Backup (CEC Compliant EM) in black finish ^{8,9}
		LRD-309S-x	0-10V Dimming Control Multi-level high/low step dim and Smart dim Occupancy Sensor (*IR remote programmable), (See note 5 to select lens for "x") ^{4,6}
		LRD-509S-x	IP-66 rated integrated 0-10V SmartDIM or multi-level high/low dim control occupancy sensor (*IR remote programmable), (See note 5 to select lens for "x") ^{4,6}
		RS-LRD	Remote programmer for LRD-509S and LRD-309S
		PSC-BLE-SR	McWong 0-10V Bi-level passive infrared (PIR) occupancy sensor with dim-to-off for Bluetooth Mesh in Silvrair enabled
		ARRA	Assembled in USA
		BAA	BAA(Buy American Act) compliant
		BABA	BABA (Build America Buy America) compliant ¹²
		BR	Bird Guard, Stainless Steel Spikes
		O7W	Optional 7 Years Limited Warranty ²
		O10W	Optional 10 Years Limited Warranty ²
		ZINC	Zinc finish
		316	316 Stainless steel mounting arm bolts & exposed screws
		CASAMBI	Contact factory for CASAMBI READY options

NOTES:

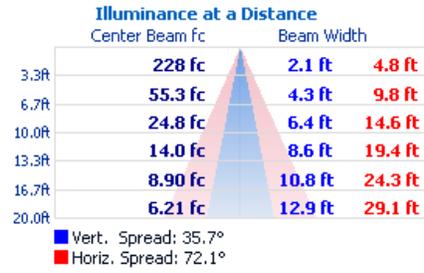
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.
- This limited warranty covers electrical parts only and does not apply to labor, equipment lease, or defect from improper installation or operation.
- Standard dimming 0-10V, ANSI C136.41, Photocell and shorting cap by others.
- Its default setting can be found on the IR-TEC installation instructions.
- A: Standard cone shape Lens @ 15' height (up to 30' coverage)
B: Extra wide cone shape Lens @ 10' height (up to 60' coverage)
C: High bay cone shape Lens @ 30' height (up to 90' coverage)
D: Standard round shape Lens @ 20' height (up to 40' coverage)
F: Extra wide dome shape Lens @ 20' height (up to 80' coverage)
G: Aisle way arch shape Lens @ 40' height (up to 120' coverage)
H: High bay dome shape Lens @ 50' height (up to 50' coverage)
- Order "RS-LRD" to adjust sensor setting.
- DLC is not available.
- Only available with Wall Mount.
- Remote Box is UL1598 recognized, IP66, IP67 rated, and ambient temperature up to 55°C.
- The proportion of radiated power in the 400nm-500nm segment is calculated to be 1.2%.
- The lm/w for the white LED is approximately 55%.
- Not all configurations may comply. Please confirm compliance with the factory.

LAP-3G

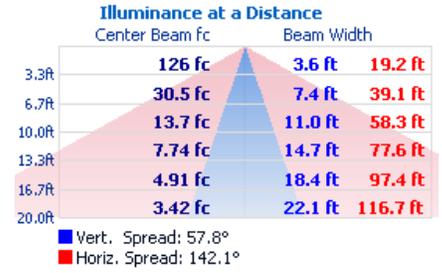
LAP-3G-100LED-T3M



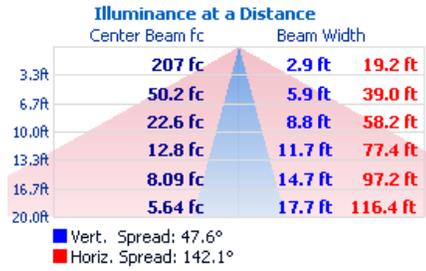
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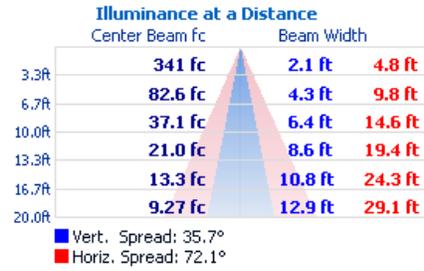
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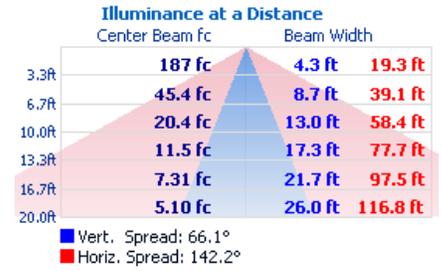
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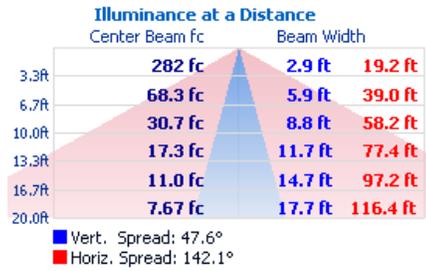
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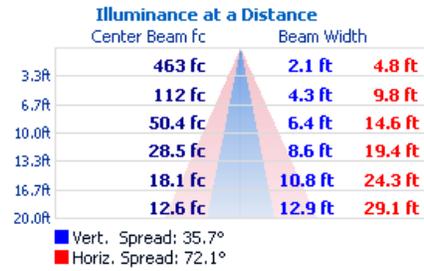
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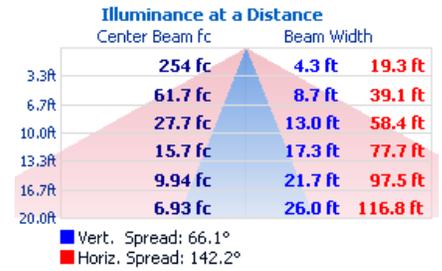
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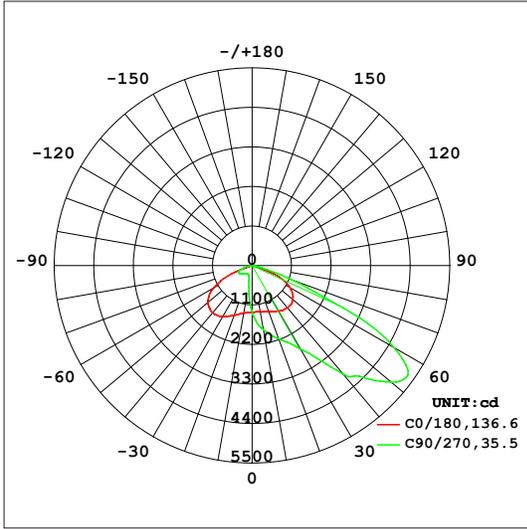
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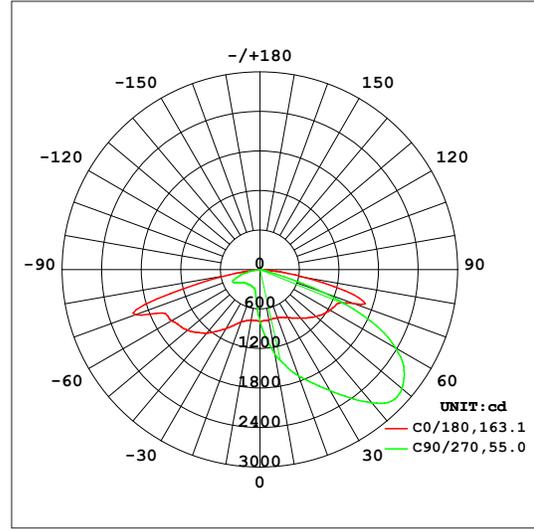
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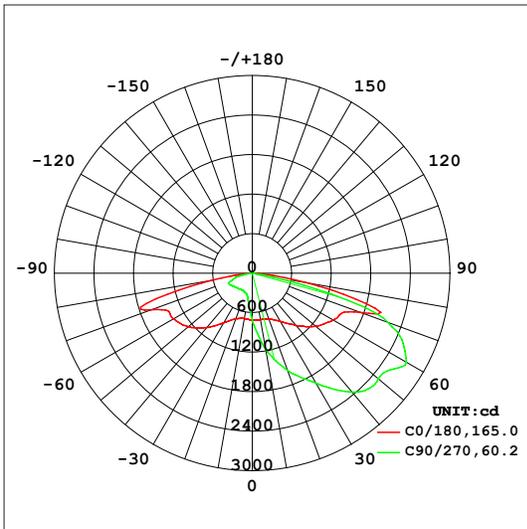
LAP-3G



T3VS



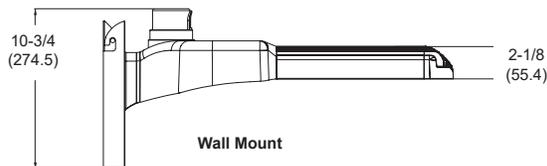
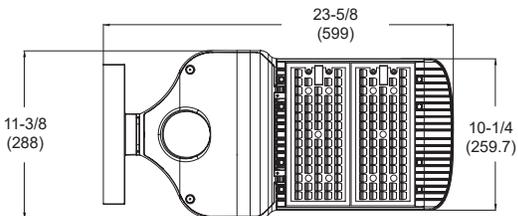
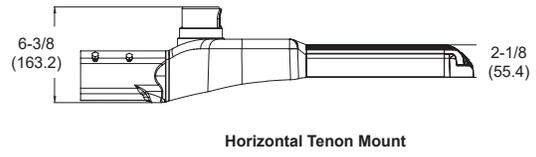
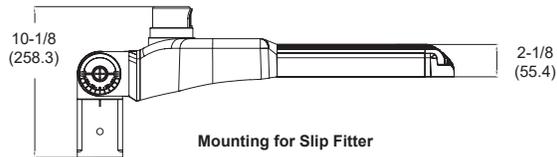
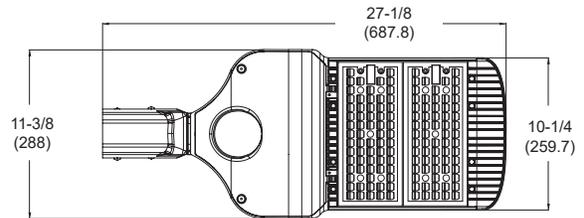
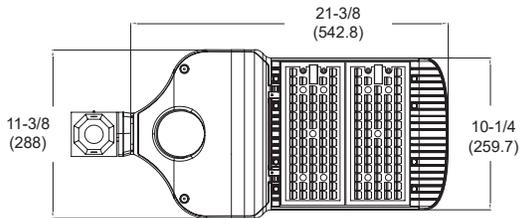
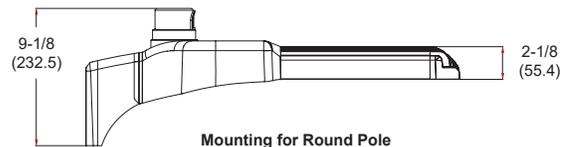
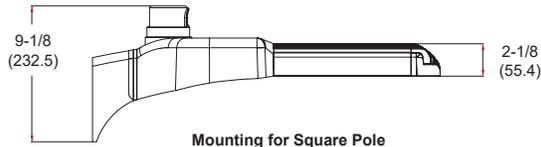
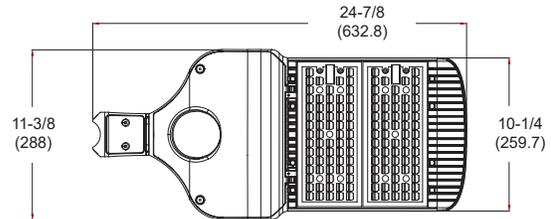
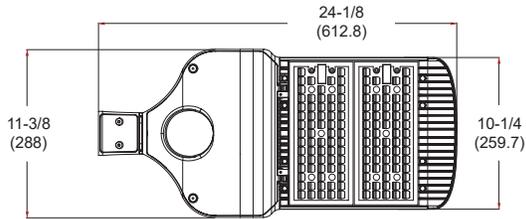
T3M



T4M

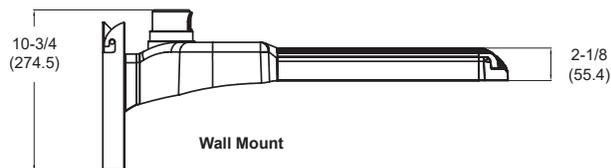
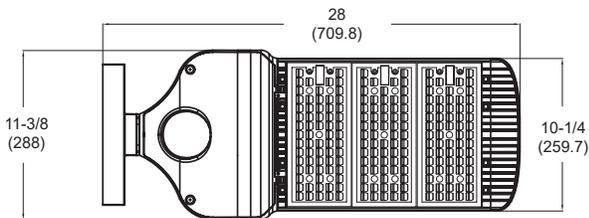
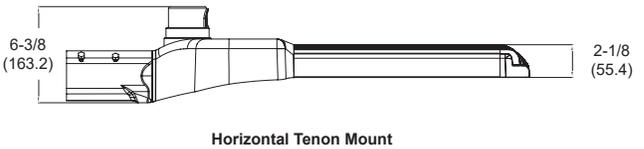
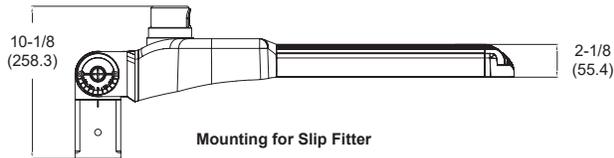
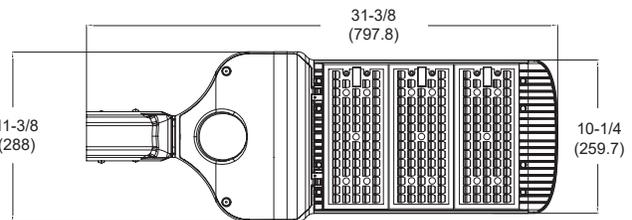
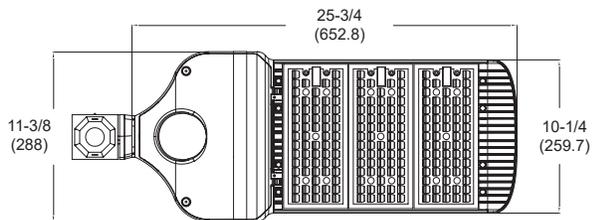
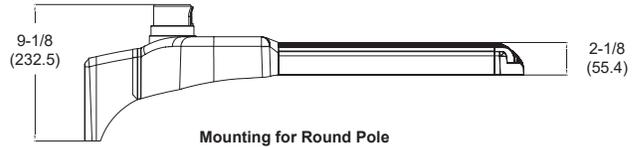
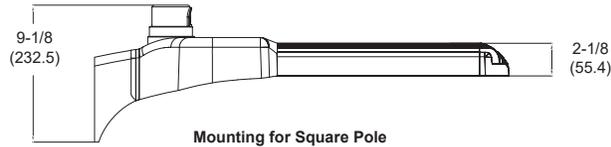
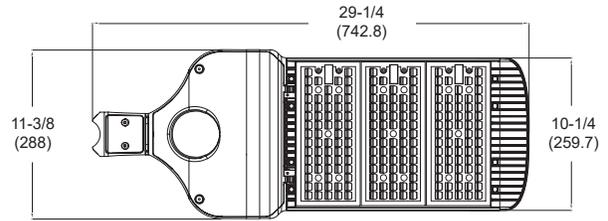
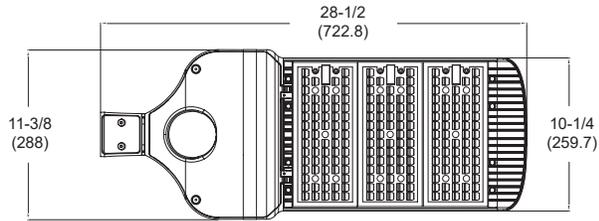
LAP-3G

100W



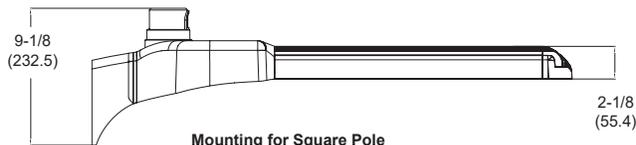
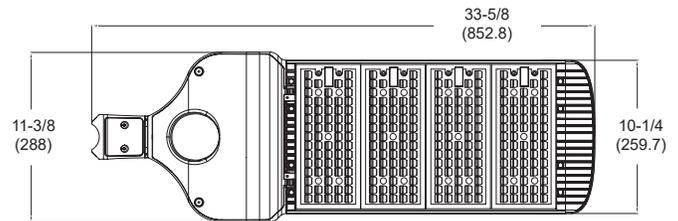
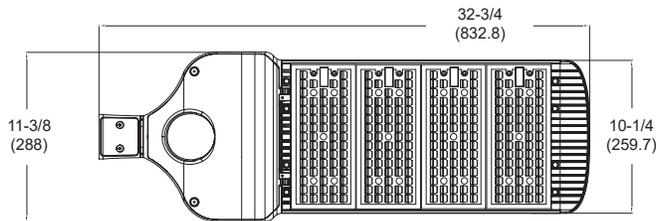
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150W

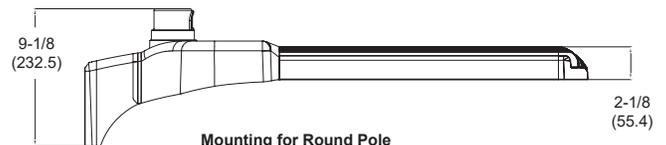


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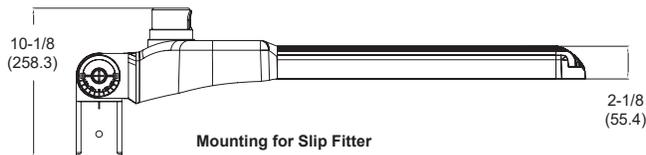
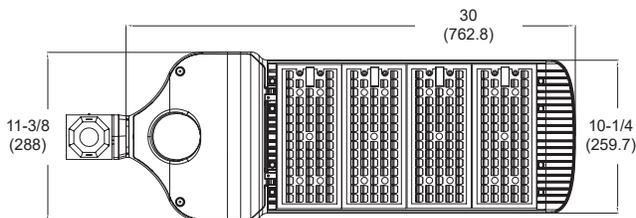
200W



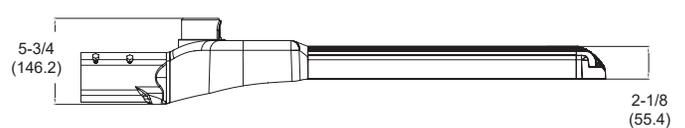
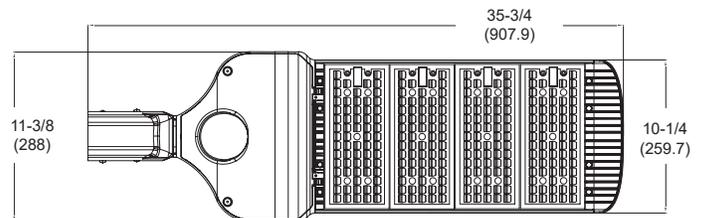
Mounting for Square Pole



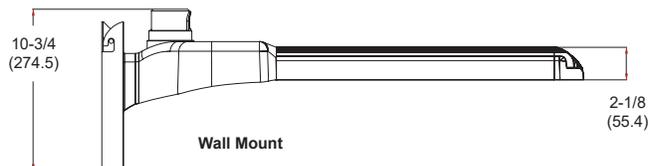
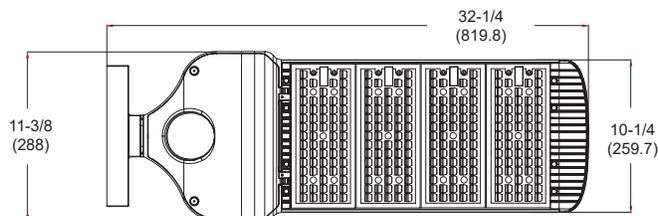
Mounting for Round Pole



Mounting for Slip Fitter



Horizontal Tenon Mount



Wall Mount