

LAP-3G



CASAMBI

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.

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).

OPTIC:

- UV stabilized polycarbonate lens.

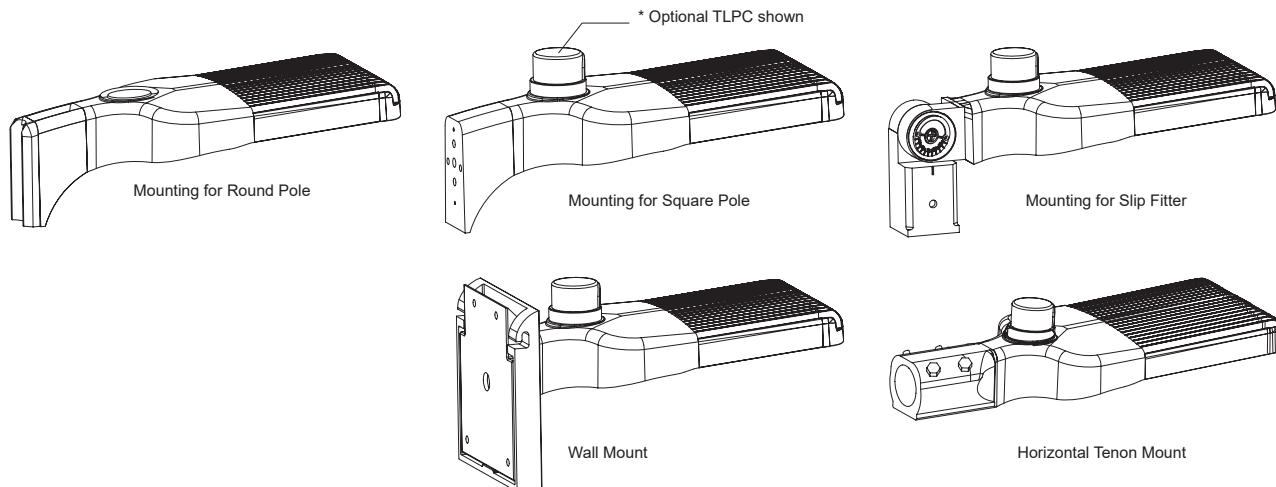
LISTING:

- UL / CUL listed.
- Listed to UL 1598 and UL 8750.
- DLC listed.³
- IP65 & IP66.
- ARRA compliant (optional).
- BAA compliant (optional).
- Tested to IESNA LM80 standards.
- 5 years limited warranty.
- 7 or 10 years limited warranty. (optional)⁴
- 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 150LED 200LED xxxLED	100W 150W 200W Customized Wattage/ Lumen package ⁹	-30K -40K -50K AMB	3000K 4000K 5000K (Std.) Amber LED ¹²	T3VS T3M T4M T5	Type III Very Short Type III Medium Type IV Medium Type V	UNV 347 480	120-277V (Std.) 347V 480V	DM	0-10V Dimming (Std.)	BZ GR WH BK	Dark Bronze RAL#8019 (Std.) Gray RAL#7036 White RAL#9003 Black RAL#9011

* Available custom color (RAL)
Please provide us with the RAL number.
* Non-standard finish with extra charge.

MOUNTING			OPTIONS								
SF WM PMS PMR3 PMR4 PMR5 MA MA2	Slip Fitter Wall Mount Square Pole Mount Arm 3" Round Pole Mount Arm 4" Round Pole Mount Arm 5" Round Pole Mount Arm Horizontal Tenon Mount (Mounts to 2" IP, 2.375" O.D) Horizontal Tenon Mount (Mounts to 1-1/2" IP, 1.900" O.D)	HS RC RC7 TLPCC3 TLPCC4 TLPCC-SC RS SP10 FSP-211 └ (L2) └ (L3) └ (L7)	House Shield NEMA twist-lock receptacle only (no controls) NEMA 7-wire receptacle only (no controls) 3-Pin Receptacle and Twist Lock Photocell Installed 120V-277V 3-Pin Receptacle and Twist Lock Photocell Installed 480V Shorting Cap Remote handheld configuration tool for FSP-211 * Contact Factory for more options Integrated 10kV/10kA surge protection 0-10V Dimming Control Occupancy Sensor ^{1,2} FSP-L2 Lens @ 8' height (up to 44" diameter) FSP-L3 Lens @ 20' height (up to 40' diameter) FSP-L7 Lens @ 40' height (up to 100' diameter)	LRD-309S-x LRD-509S-x RS-LRD PSC-BLE-SR ARRA BAA BR O7W O10W REM16 ZINC CASAMBI	0-10V Dimming Control Multi-level high/low step dim and Smart dim Occupancy Sensor (*IR remote programmable), (See note 7 to select lens for "x") ^{6,8} IP-66 rated integrated 0-10V SmartDIM or multi-level high/low dim control occupancy sensor (*IR remote programmable), (See note 7 to select lens for "x") ^{6,8} Remote programmer for LRD-509S and LRD-309S McWong 0-10V Bi-level passive infrared (PIR) occupancy sensor with dim-to-off for Bluetooth Mesh in Silvair enabled Assembled in USA for Buy American act BAA(Buy American Act) and BABA(Build America Buy America) compliant Bird Guard, Stainless Steel Spikes Optional 7 Years Limited Warranty ⁴ Optional 10 Years Limited Warranty ⁴ Remote 16W Emergency Battery Backup (CEC Compliant EM) in black finish ^{10,11} Zinc finish Contact factory for CASAMBI READY options						

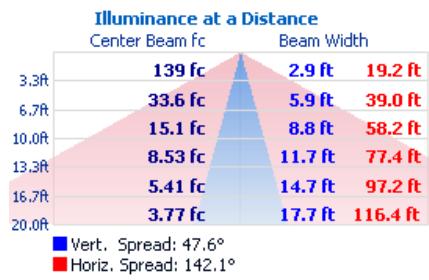
NOTES:

1. Must specify lens. (L2, L3, L7)
2. Default settings are Title 24 compliant for all spaces that do not require daylighting.
For spaces that do require it, adjustments will be necessary for the Hold Off Setpoint and the Photocell functions.
3. 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.
4. This limited warranty covers electrical parts only and does not apply to labor, equipment lease, or defect from improper installation or operation.
5. Standard dimming 0-10V, ANSI C136.41, Photocell and shorting cap by others.
6. Its default setting can be found on the IR-TEC installation instructions.

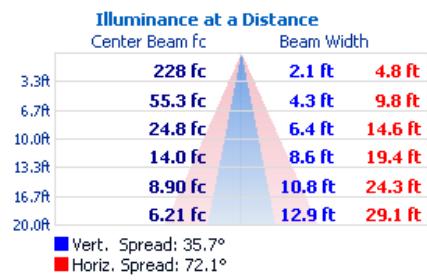
7. A: Standard cone shape Lens @ 15' height (up to 30' coverage)
B: Extra wide cone shape Lens @ 10' height (up to 60' coverage)
C: High bay cone shape Lens @ 30' height (up to 90' coverage)
D: Standard round shape Lens @ 20' height (up to 40' coverage)
E: Extra wide dome shape Lens @ 20' height (up to 80' coverage)
F: Aisle way arch shape Lens @ 40' height (up to 120' coverage)
G: High bay dome shape Lens @ 50' height (up to 50' coverage)
H: High bay dome shape Lens @ 50' height (up to 50' coverage)
8. Order "RS-LRD" to adjust sensor setting.
9. DLC is not available.
10. Only available with Wall Mount.
11. Remote Box is UL1598 recognized, IP66, IP67 rated, and ambient temperature up to 55°C.
12. The proportion of radiated power in the 400nm-500nm segment is calculated to be 1.2%

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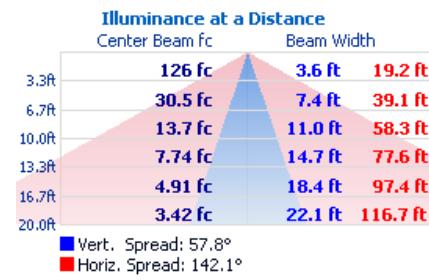
LAP-3G-100LED-T3M



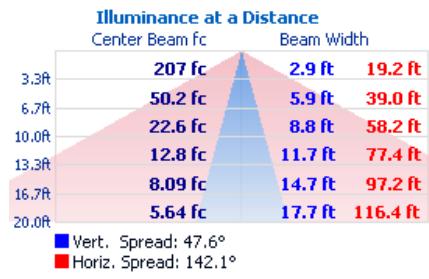
LAP-3G-100LED-T3VS



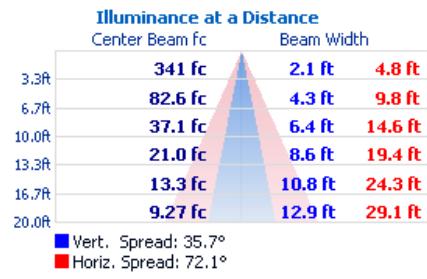
LAP-3G-100LED-T4M



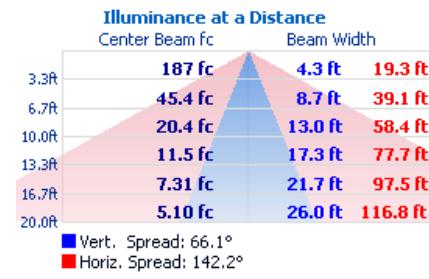
LAP-3G-150LED-T3M



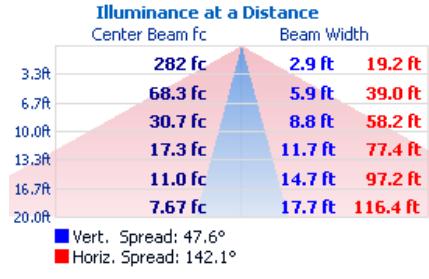
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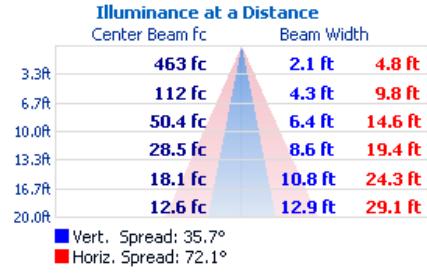
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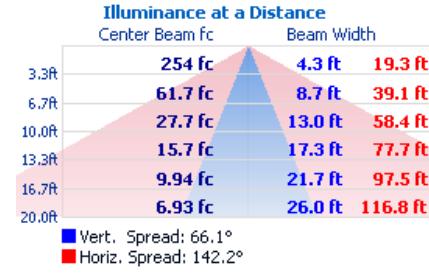
LAP-3G-200LED-T3M



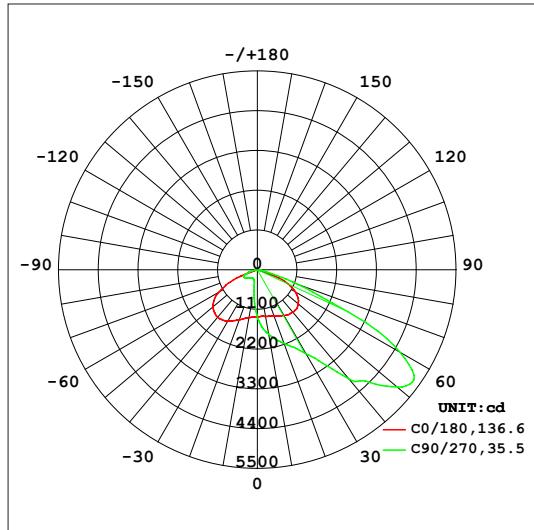
LAP-3G-200LED-T3VS



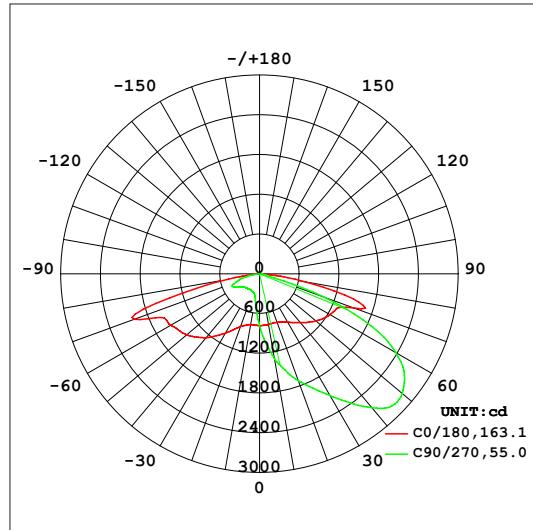
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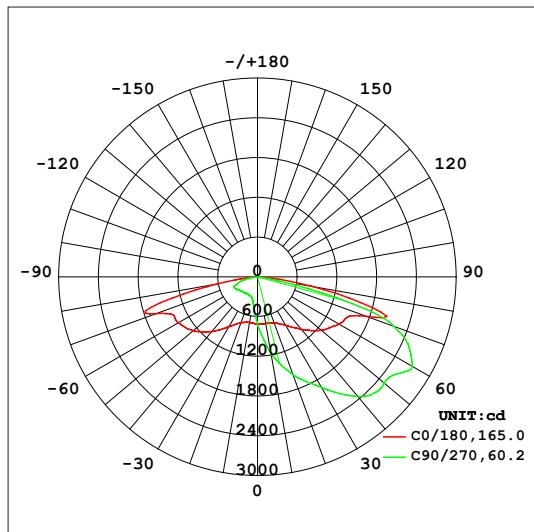
LAP-3G



T3VS



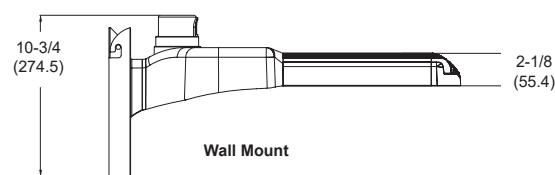
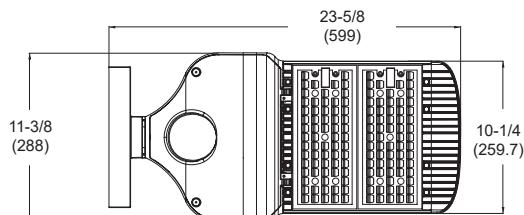
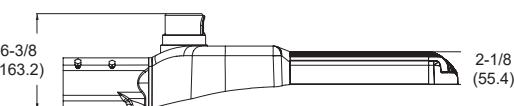
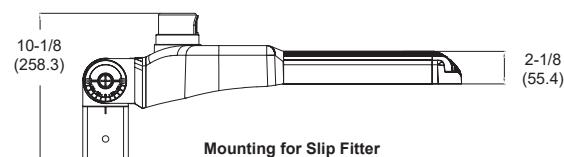
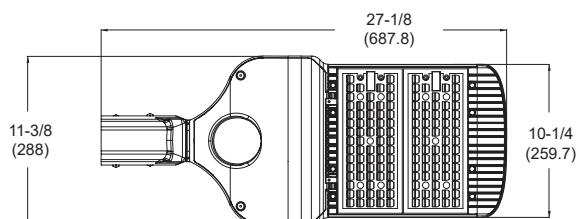
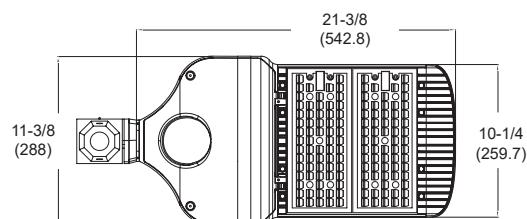
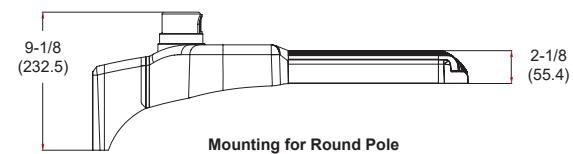
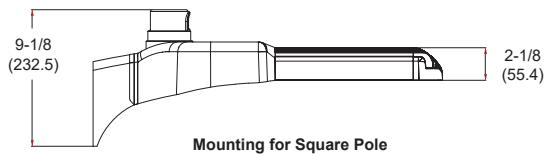
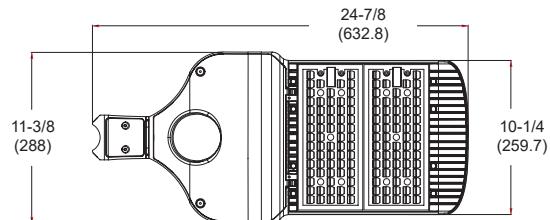
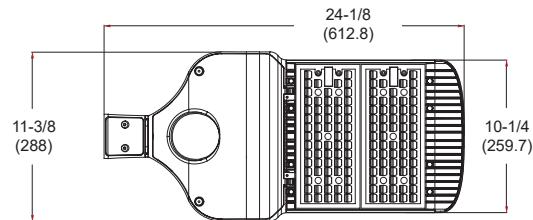
T3M



T4M

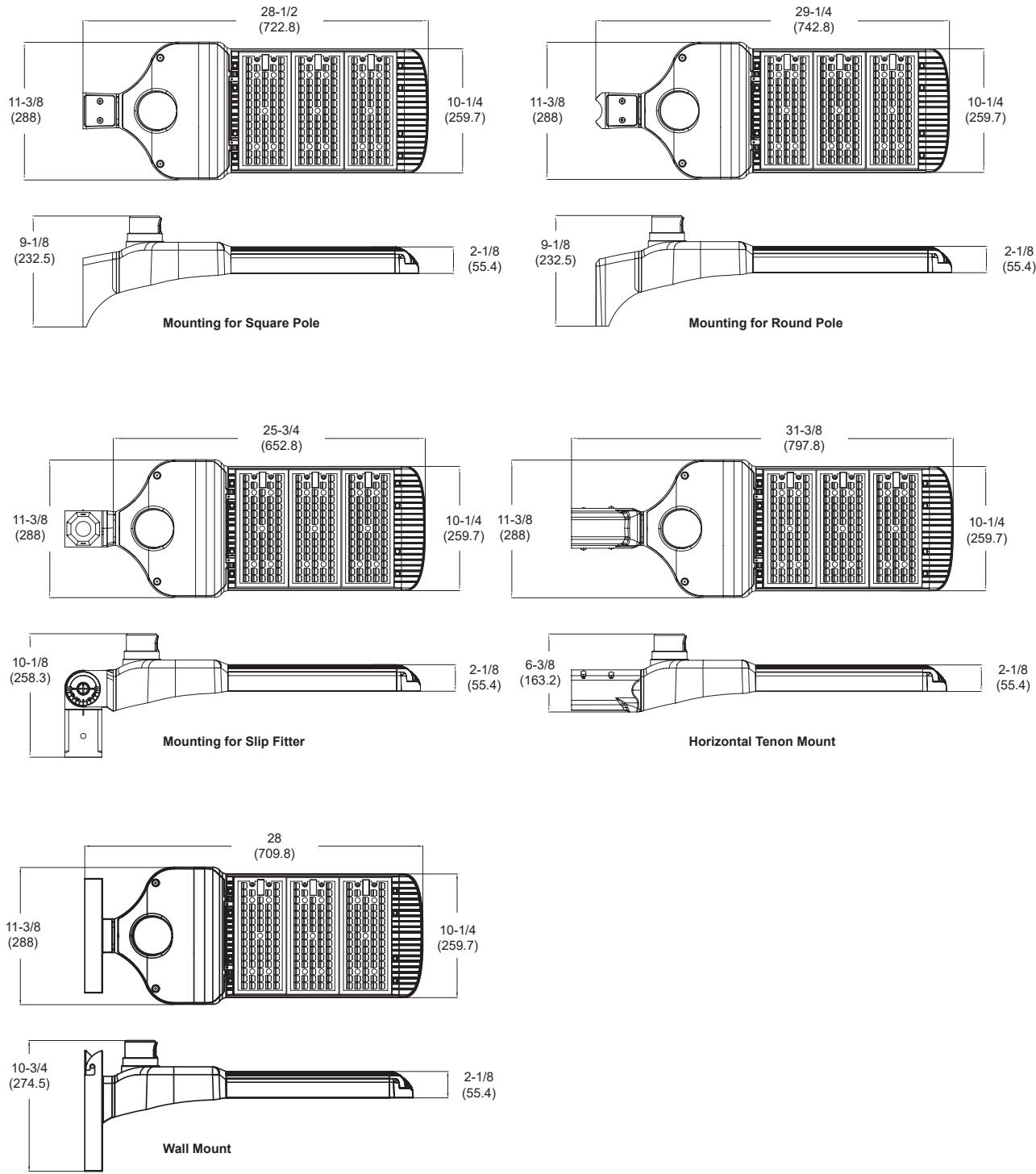
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100W



LAP-3G

150W



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200W

