

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.

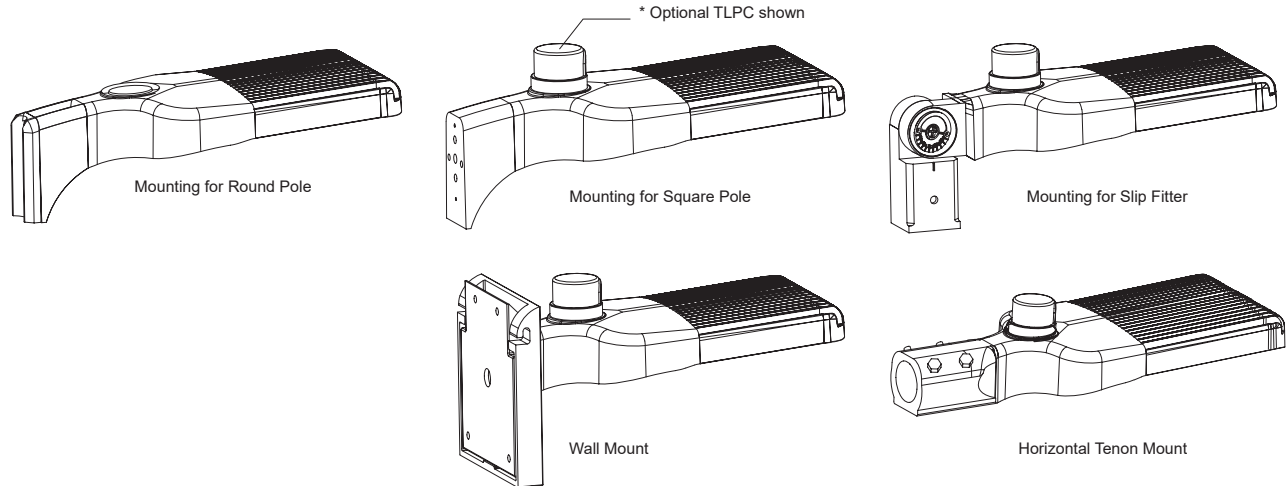
LISTING:

- UL / CUL listed.
- Listed to UL 1598 and UL 8750.
- DLC listed. ¹
- IP65 & IP66.
- ARRA compliant (optional).
- BAA compliant (optional).
- BABA compliant (optional).¹⁰
- 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 150LED 200LED xxxLED Customized Wattage/ Lumen package ⁵	-30K 3000K -40K 4000K -50K 5000K (Std.) AMB Amber LED ^{5, 8, 9}	T3VS Type III Very Short T3M Type III Medium T4M Type IV Medium T5 Type V	UNV 120-277V (Std.) 347 347V 480 480V	DM 0-10V Dimming (Std.)	BZ Dark Bronze RAL#8019 (Std.) GR Gray RAL#7036 WH White RAL#9003 BK Black RAL#9011 * Available custom color (RAL) Please provide us with the RAL number. * Non-standard finish with extra charge.

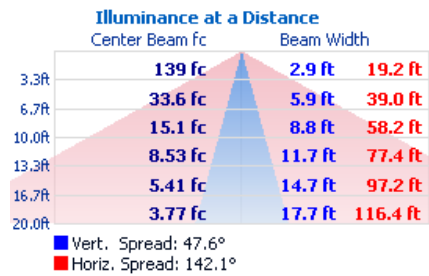
MOUNTING	OPTIONS
SF Slip Fitter WM Wall Mount PMS Square Pole Mount Arm PMR3 3" Round Pole Mount Arm PMR4 4" Round Pole Mount Arm PMR5 5" Round Pole Mount Arm MA Horizontal Tenon Mount (Mounts to 2" IP, 2.375" O.D.) MA2 Horizontal Tenon Mount (Mounts to 1-1/2" IP, 1.900" O.D.)	HS House Shield RC NEMA twist-lock receptacle only (no controls) RC7 NEMA 7-wire receptacle only (no controls) ³ TLPC3 3-Pin Receptacle and Twist Lock Photocell Installed 120V-277V TLPC4 3-Pin Receptacle and Twist Lock Photocell Installed 480V TLPC-SC Shorting Cap SP10 Integrated 10kV/10kA surge protection REM16 Remote 16W Emergency Battery Backup (CEC Compliant EM) in black finish ^{6, 7} PSC-BLE-SR McWong 0-10V Bi-level passive infrared (PIR) occupancy sensor with dim-to-off for Bluetooth Mesh in Silvar enabled BLD823-B-D Occupancy Multi-level Dimming sensor with Daylight control RC-100 Remote control for BLD823-B-D sensor ARRA Assembled in USA BAA BAA(Buy American Act) compliant BABA BABA (Build America Buy America) compliant ¹⁰ 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:

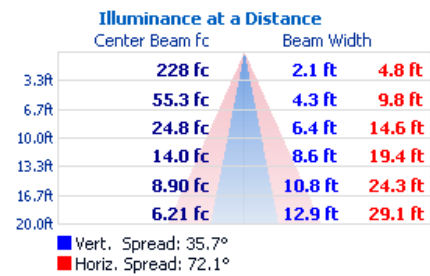
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.
- This limited warranty covers electrical parts only and does not apply to labor, equipment lease, or defect from improper installation or operation.
- Standard dimming 0-10V, ANSI C136.41, Photocell and shorting cap by others.
- 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)
- 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.

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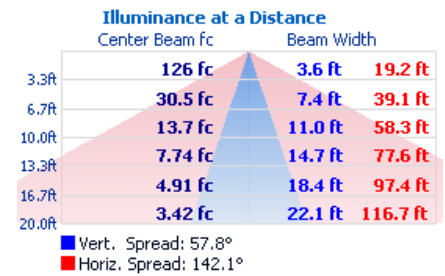
LAP-3G-100LED-T3M



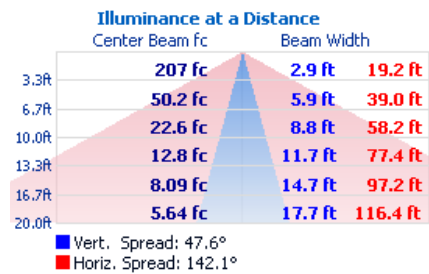
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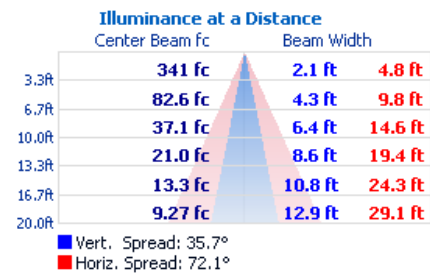
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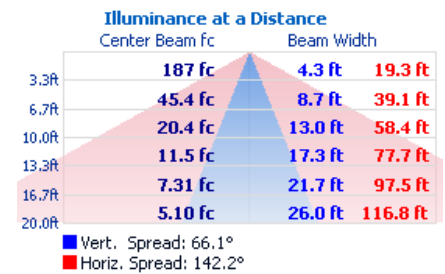
LAP-3G-150LED-T3M



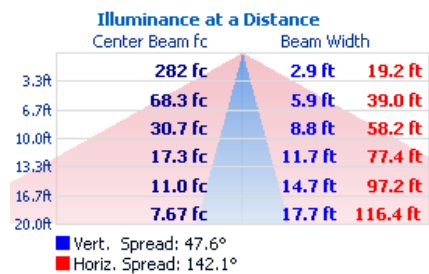
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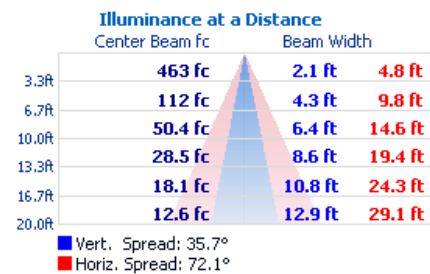
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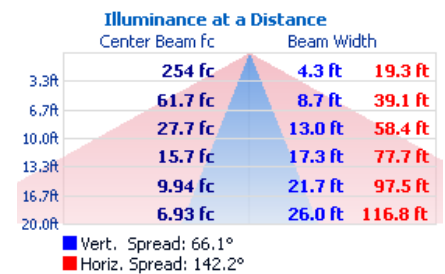
LAP-3G-200LED-T3M



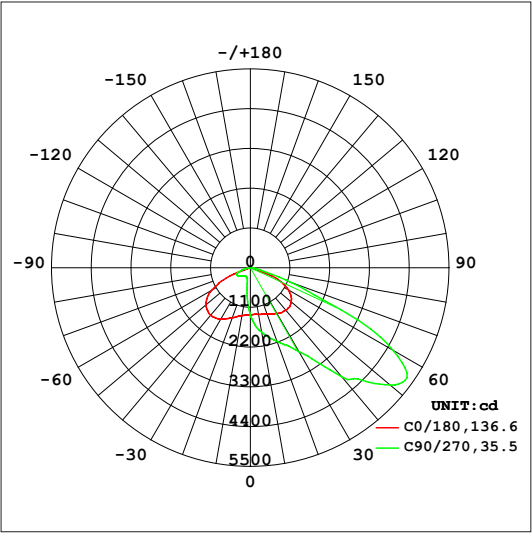
LAP-3G-200LED-T3VS



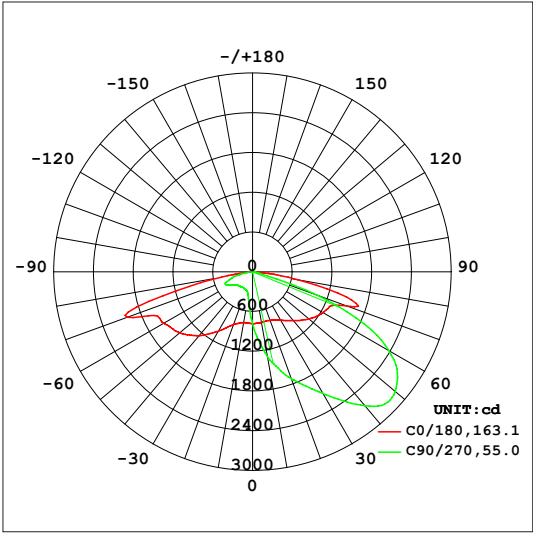
LAP-3G-200LED-T4M



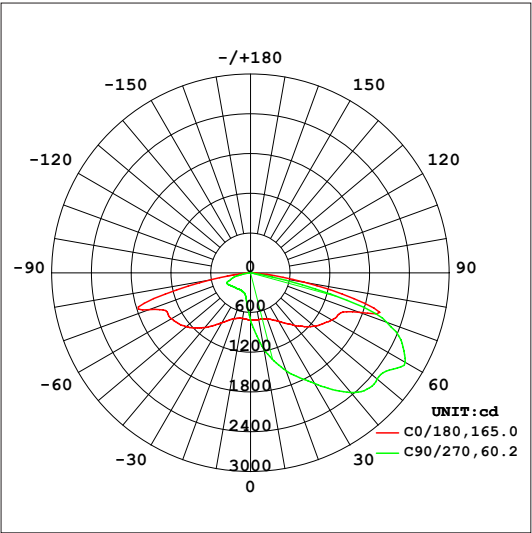
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T3VS



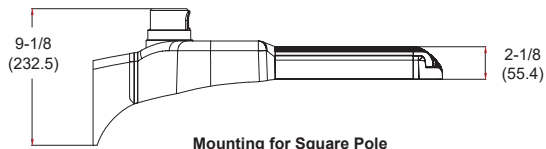
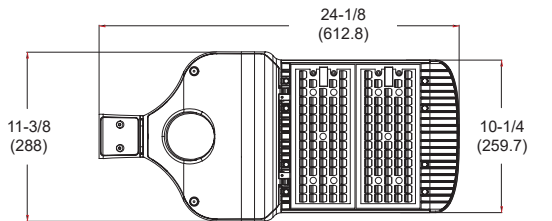
T3M



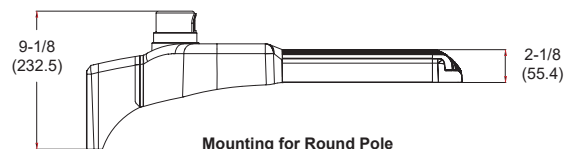
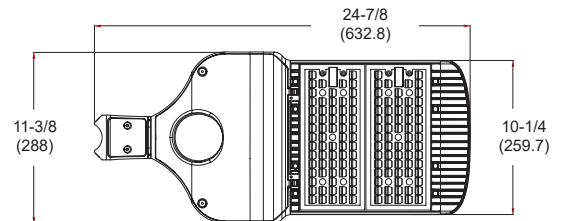
T4M

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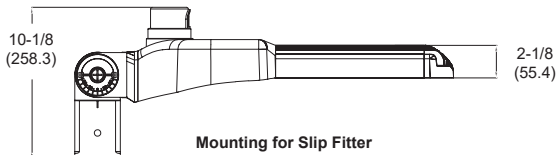
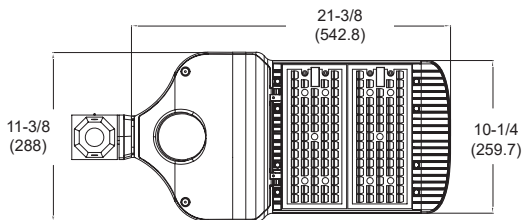
100W



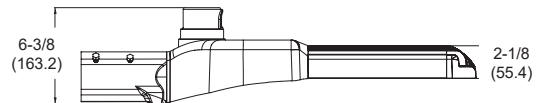
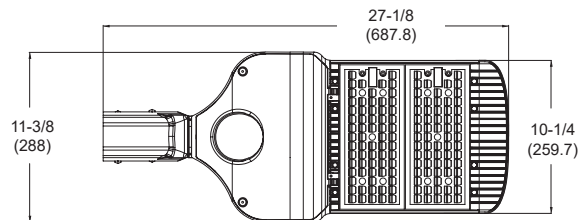
Mounting for Square Pole



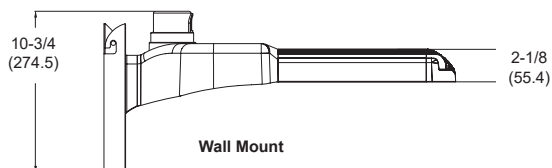
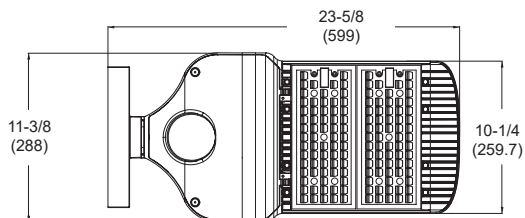
Mounting for Round Pole



Mounting for Slip Fitter



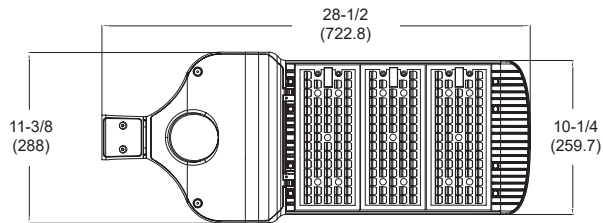
Horizontal Tenon Mount



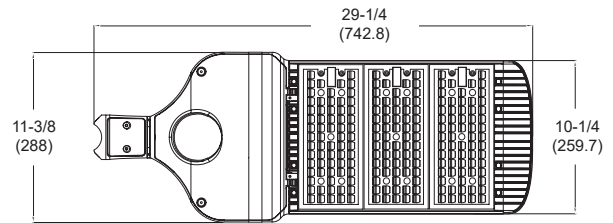
Wall Mount

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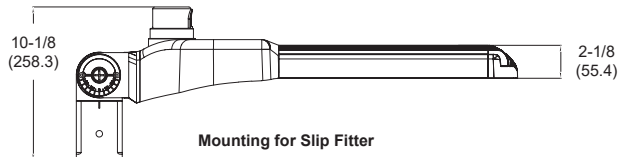
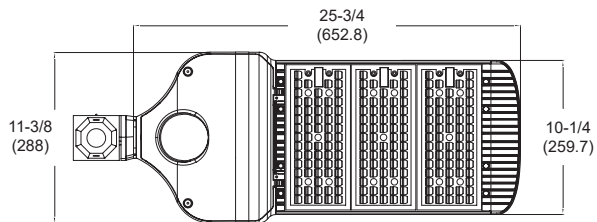
150W



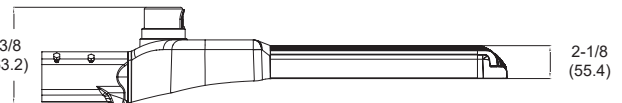
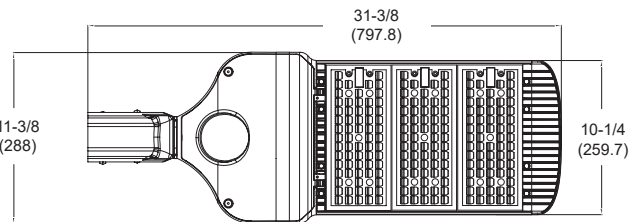
Mounting for Square Pole



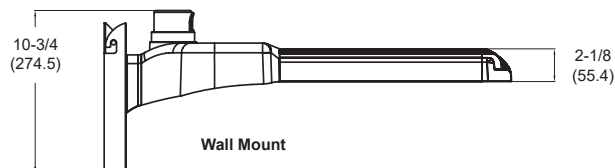
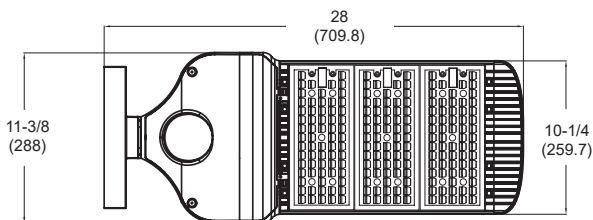
Mounting for Round Pole



Mounting for Slip Fitter



Horizontal Tenon Mount



Wall Mount

LAP-3G

200W

