



Catalog Number:	
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Prepared By:	Date:

Description

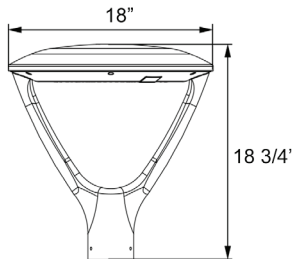
The LAPT post-top fixture is designed for both form and function. The aesthetically pleasing design allows for superior area lighting as well as meeting Dark Skies full cutoff requirements. Available in multiple wattage and distribution versions, this fixture is able to replace existing 100W-400W HID's one-for-one. Each model delivers superior lumen output to illuminate your next downtown, campus, multi-family lighting project.

Performance Data

Model	Watts	Delivered Lumens	Efficacy
LAPT-40	42W	5,135 Lm	122 LPW
LAPT-75	74W	9,021 Lm	122 LPW
LAPT-115	114W	13,878 Lm	122 LPW
LAPT-160	159W	19,430 Lm	122 LPW

Dimensions & Weights

Model	Width	Height	Depth	Weight
LAPT	18"	18 3/4"	18"	29 lbs.



Technical Specifications

Input Voltage: 120-277V or 347-480V.

Light Distribution: LEDs are mounted to the housing with an Integral Heat Sink to ensure optimal heat dissipation. This type of mounting allows for Type 5, Type4, Type 3 and Type 2 light distribution patterns while maintaining a full cutoff rating.

Housing: Die cast and Sand Cast Aluminum Housing with powder coat finish over a chromate conversion coating. Housing features an integrated heat sink and driver compartment built into the fixture design. Optional photocell and/or wireless control accessory available.

Lens: Clear Polycarbonate Vandal-Resistant Array with Integral Optics. Gasketed to seal LED array.

Mounting: Two Mounting methods are available; a single strut or a dual strut. Both fit over a 2 7/8" x 3" tenon.

Effective Projected Area (EPA): 1.00ft²

Color Temperature: 3000K OW, 4000K NW (standard), 5000K CW.

LED Lifetime: All LED's are rated for a minimum of 100,000 hours of continuous operation at ambient temperatures from -40°F/-40°C to 95°F/35°C.

Color Rendering Index (CRI): Minimum of 70 or higher. CRI 80+ or 90+ available upon request.

Dimming: 0-10V standard dimming capability drivers with optional Microwave Occupancy Sensor, Twist-Lock Photo-Cell or 7-Pin Receptacle for wireless controls available.

Surge Protection: Thermally protected 20kA/ 40kV varistor type surge suppressor is included and meets ANSI C136.2-2015: Extreme Level. Also meets IEC61643-11 Class II / EN61643-11 Type 2, and US Dept of Energy MSSLC Model Spec for surge protection. The device is wired in series with the luminaire input power in order to interrupt power to the luminaire when consumed, protecting the LED power supply and circuit boards from additional electrical surges.

Lumecon ETD™ System: The enhanced thermal dissipation system engines are thermally bonded to provide maximum thermal dissipation to the exterior of the fixture to ensure long life. To protect the light engine panel from moisture and corrosion, the LED light engine panel is uniformly coated with a UV stabilized acrylic polymer resin that meets MIL and ASTM dielectric standards, UL, and IPC standards for flammability, moisture resistance and thermal shock.

Battery Back-Up (Optional): When triggered into emergency mode, the BBU operates the LEDs for a code-compliant 90 minutes. When AC power is restored, the driver automatically returns to charging mode. The BBU is a UL recognized component and meets all applicable safety standards.

Manufacturing Origin: US Manufactured and Assembled.

Buy American: Meets Buy American requirements within the ARRA.

Warranty: 10 Year L70 performance based warranty. For full warranty terms, please visit our website: www.lumecon.com

Ubicquia® Wireless Controls: Turn every Lumecon light into a smart city hub to control lights, densify WIFI and provide data backhaul. Ubicquia Ubicell Wireless Node allows for advanced light control via Ubivu Control Platform. All nodes are self-provisioning on power-up and are global Carrier LTE compatible with no Gateways or Concentrators required. Single SKU 120v to 480v operation, 22 Satellite Global GPS and Celestial Clock, Simultaneous Metering for Line and Load, High Accuracy Tilt and Vibration sensor, 10 second Last Gasp and Nonvolatile Memory, OTA Updates and a 10 year warranty. Ask your local Lumecon Representative for more information.



Ordering Information

LAPT – Options / Ordering Example: LAPT1-40-T3-1-NW-C-B-MS-7P-UBI

Model	Wattage	Distribution	Voltage	Color Temperature	Lens	Color
LAPT1 - Single Arm	40 - 40 Watts	T2 - Type II	1 - 120v-277v	OW - 3000K*	C - Clear w/optics	B - Black
LAPT2 - Double Arm	75 - 75 Watts	T3 - Type III	2 - 347v-480v	NW - 4000K		CC - Custom Color
	115 - 115 Watts	T4 - Type IV		CW - 5000K		
	160 - 160 Watts	T5 - Type V		<i>*40 and 75 Watt Only</i>		

Options & Accessories

- MS - Microwave Occupancy Sensor with Dimming for Mounting Heights of 8' to 40'; (120-277v Only)
- R - Twist Lock Photocell Receptacle Only
- RS - Twist Lock Photocell with Shorting Cap
- 7P - Seven-Pin Twist Lock Photocell Receptacle Only (Controls by Others)
- UBI - Ubiquia Wireless Controls (Requires 7P Seven-Pin Twist Lock Photocell Receptacle)
- BB - Battery Back Up (Cold Rated)