

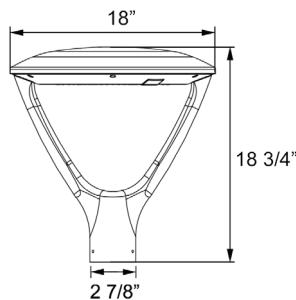


Description

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.

Dimensions & Weights

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



Catalog Number:	
Project:	
Comments:	
Prepared By:	Date:

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.

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		*40 and 75 Watt Only		

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 - Ubiqquia Wireless Controls (Requires 7P Seven-Pin Twist Lock Photocell Receptacle)
- BB - Battery Back Up (Cold Rated)
- TA - Tenon Adapter (Converts a 2 1/2" x 4" Pole Tenon to a 2 1/2" x 3" Tenon. Die-Cast with Powder coat finish)
- TAB - Tenon Adapter (Black) Standard
- TAC - Tenon Adapter (Custom Color) Special Order



TA - Tenon Adapter

Performance Data

Optic	Color Temp	40W	75W	115W	160W
LAPT-1 Type I	3000K	4,891	7,979	12,276	17,187
	4000K	5,100	8,302	12,774	17,883
	5000K	5,288	8,626	13,272	18,580
	BUG	B2-U0-G1	B3-U0-G2	B3-U0-G3	B4-U0-G3
LAPT-1 Type II	3000K	4,912	8,629	13,275	18,585
	4000K	5,111	8,979	13,814	19,339
	5000K	5,310	9,328	14,352	20,092
	BUG	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3
LAPT-1 Type III	3000K	4,932	8,663	13,329	18,660
	4000K	5,132	9,015	13,869	19,417
	5000K	5,331	9,366	14,352	20,173
	BUG	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3
LAPT-1 Type IV	3000K	4,500	7,905	12,126	17,026
	4000K	4,682	8,226	12,656	17,717
	5000K	4,865	8,546	13,148	18,407
	BUG	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4
LAPT-1 Type V	3000K	4,935	8,669	13,337	18,672
	4000K	5,135	9,021	13,878	19,430
	5000K	5,334	9,372	14,419	20,186
	BUG	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2

Optic	Color Temp	40W	75W	115W	160W
LAPT-2 Type I	3000K	4,520	7,375	11,345	15,882
	4000K	4,804	7,673	11,804	16,526
	5000K	4,887	7,972	12,264	17,170
	BUG	B2-U0-G1	B3-U0-G2	B3-U0-G3	B4-U0-G3
LAPT-2 Type II	3000K	4,539	7,974	12,268	17,174
	4000K	4,823	8,298	12,766	17,871
	5000K	4,907	8,620	13,262	18,567
	BUG	B1-U0-G1	B2-U0-G1	B2-U0-G2	B3-U0-G3
LAPT-2 Type III	3000K	4,557	8,006	12,317	17,243
	4000K	4,842	8,331	12,817	17,943
	5000K	4,927	8,655	13,315	18,641
	BUG	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3
LAPT-2 Type IV	3000K	4,340	7,624	11,418	15,753
	4000K	4,516	7,933	11,881	16,392
	5000K	4,692	8,242	12,343	17,030
	BUG	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4
LAPT-2 Type V	3000K	4,560	8,011	12,325	17,255
	4000K	4,845	8,336	12,826	17,955
	5000K	4,930	8,661	13,324	18,653
	BUG	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2