Catalog # : _____ Project : _____ Type : _____

Prepared By : _____ Date : _____

Lexington Post Top (LXM4)

Decorative Post Top & Area Light



IP65

OVERVIEW	
Lumen Package (lm)	4,000 - 27,000
Wattage Range (W)	39 - 228
Efficacy Range (LPW)	100 - 140
Weight lbs (kg)	64 (29)

QUICK LINKS

Ordering Guide | Performance | Photometrics | Dimensions

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing.
- Cast aluminum wiring access door located in lower hub/fitter.
- Rigid die-cast aluminum arms for consistency and strength.
- Precision die cast aluminum heatsink and optical frame.
- Removable spun aluminum cap/driver enclosure is retained by captive stainless steel fasteners and safety cables. Housing and top cap interface is sealed with a one-piece extruded silicone gasket. Tool-less entry option is available.
- All exposed fasteners are black oxide coated stainless steel. Internal fasteners are stainless steel or zinc electroplated steel.
- IP65 rated luminaire protects integral components from harsh environments.
- 1.5G rated for ANSI C136.31 high vibration applications.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.

Optical System

- State-of-the-Art one piece silicone optic sheet delivers industry leading optical control with an integrated gasket to provide IP66 rated sealed optical chamber in 1 component.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in IES Types 2, 3, 5W and FT.
- Silicone optical material does not yellow or crack with age and provides a minimum light transmittance of 93%.
- Optical distributions are field rotatable (in 90° increments).
- Available in 5000K, 4000K, and 3000K (+/- 275K) color temperatures.
- Minimum CRI of 70. Consult Factory for Higher CRI requirements.
- Integral Louver (IL) option available for improved back-light control without sacrificing street side performance.

Electrical

- High-performance driver features over-voltage, under-voltage, short-circuit and over temperature protection.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
- L70 Calculated Life: >100k Hours (See Lumen Maintenance on Page 2)
- Total harmonic distortion: <20%
- Operating temperature: - -40°C to +50°C (-40°F to +122°F)
- Power factor: >.90
- Input power stays constant over life.
- Field replaceable surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation.
- Terminal block provided accepts up to 10ga wire, however the luminaire is supplied with a 32' 3 conductor wire harness.
- Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed.

Controls

- Optional integral passive infrared Bluetooth™ motion and photocell sensor. Fixtures operate independently and can be commissioned via iOS or Android configuration app (See controls page for more detail).

Installation

- Mounts to 4" O.D. pole or tenon.
- Secures to pole with 6 stainless steel set screws.
- 32' wire leads are provided bundled in the slip fitter hub for ease of wiring.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to https://www.lsicorp.com/resources/terms-conditions-warranty/ for more information.

Listings

- Listed to UL 1598 and UL 8750.
- State of California Title 24.
- DarkSky Approved with 3000K color temperature selection.
- Suitable For wet Locations.
- IP65 rated Luminaire. IP66 rated optical chamber.
- 1.5G rated for ANSI C136.31 high vibration applications.
- Buy American Act (BAA) and Build America, Buy America (BABA) Compliant Fixture.
  - Compliance dependent on SKU and configuration. Confirm with factory.

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Lexington Post Top (LXM4) Decorative Post Top & Area Light

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ORDERING GUIDE

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TYPICAL ORDER EXAMPLE: ENM4 PT 3 LED 18L 50 UNV BLK IMSBT1L

Prefix	Mounting	Distribution	Light Source	Lumen Package	Color Temperature	Voltage
LXM4 - Lexington	**PT** - Post Top	**2** - Type II **3** - Type III **5W** - Type 5 Wide **FT** - Forward Throw (Type IV)	**LED**	**5L** - 5,000 Lumens **10L** - 10,000 Lumens **18L** - 18,000 Lumens **25L** - 25,000 Lumens	**50** - 5000K **40** - 4000K DarkSky Approved CCT's **30** - 3000K	**UNV** - Universal Voltage (120-277V) **HV** - High Voltage (347-480V)

Finish	Option Controls		Options
BRZ - Dark Bronze **BLK** - Black **GPT** - Graphite **MSV** - Metallic Silver **WHT** - White **PLP** - Platinum Plus **SVG** - Satin Verde Green	**Stand-Alone Control** (Blank) - None **IMSBT1L** - Integral Bluetooth™ Motion and Photocell Sensor (8 - 24' mounting height)[3] **IMSBT2L** - Integral Bluetooth™ Motion and Photocell Sensor (25 - 40' mounting height)[3]	**ALBMR1LR** - AirLink Blue Long Range Wireless Multi-Range Sensor Controller (8-15' MH)[3] **ALBMR2LR** - AirLink Blue Long Range Wireless Multi-Range Sensor Controller (16-40' MH)[3]	**IL** - Integral Louver Shield[4]

Need more information?
Click here for our glossary

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ACCESSORY ORDERING INFORMATION

Part Number	Description
490025CLR[2]	BK MPT B04 - Bolt on Bracket (for PT 180) For 4" O.D. Round Poles
490035CLR[2]	BK MPT B05 - Bolt on Bracket (for PT 180) For 5" O.D. Round Poles
654939	IL - Integral Louver Shield (Black only)
356044	WM - Post top wall mount bracket (bronze) C/F for additional finish options

Part Number	Description
FK120[1]	FK120 Single Fusing (120V)
FK277[1]	FK277 Single Fusing (277V)
DFK208, 240[1]	DFK208,240 Double Fusing (208V, 240V)
DFK480[1]	DFK480 Double Fusing (480V)
FK347[1]	FK347 Single Fusing (347V)
661409	ALSC UNV TL5 - AirLink 5 Pin Twist Lock Controller
661410	ALSC UNV TL7 - AirLink 7 Pin Twist Lock Controller

1. Fusing must be located in hand hole of pole.
2. Order poles with 3" reduced drilling pattern. For PT mounting configurations other than D180,consult factory. Order one bracket per fixture
3. Consists of a daylight & motion dual sensor. Field configurable via a phone app that can be downloaded from your smartphone's native app store.
4. Not available with type 5W distribution.

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PERFORMANCE

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Delivered Lumens*

Lumen Package	Distribution	3000K CCT			4000K CCT			5000K CCT			Wattage
		Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
5L	2	4568	117	B2-U1-G1	5047	129	B2-U1-G1	5297	136	B2-U1-G1	39
	3	4697	120	B1-U1-G2	5189	132	B1-U1-G2	5447	140	B1-U1-G2	
	FT	4575	117	B1-U1-G2	5054	129	B1-U1-G2	5305	136	B1-U1-G2	
	5W	4602	118	B3-U1-G1	5084	130	B3-U1-G1	5336	137	B3-U1-G1	
10L	2	9100	117	B2-U2-G2	10054	130	B2-U2-G2	10553	135	B2-U2-G2	78
	3	9360	120	B2-U2-G2	10341	134	B2-U2-G2	10854	139	B2-U2-G2	
	FT	9107	117	B2-U2-G2	10061	130	B2-U2-G2	10560	135	B2-U2-G2	
	5W	9152	120	B4-U2-G2	10020	130	B4-U2-G2	10517	135	B4-U2-G2	
18L	2	16650	112	B3-U2-G3	18113	122	B3-U2-G3	19012	128	B3-U2-G3	149
	3	17108	115	B3-U2-G3	18756	126	B3-U2-G3	19687	132	B3-U2-G3	
	FT	16725	112	B3-U2-G3	18336	123	B3-U2-G3	19246	129	B3-U2-G3	
	5W	16810	113	B4-U2-G2	18429	124	B4-U2-G2	19344	130	B4-U2-G2	
25L	2	22952	102	B4-U2-G3	25057	110	B4-U2-G3	26301	115	B4-U2-G3	228
	3	23544	103	B3-U2-G3	25921	114	B3-U2-G3	27208	119	B3-U2-G3	
	FT	22902	100	B3-U2-G4	25215	111	B3-U2-G4	26466	116	B3-U2-G4	
	5W	23612	104	B5-U2-G3	25996	114	B5-U2-G3	27286	120	B5-U2-G3	

*LEDs are frequently updated therefore values are nominal.

Electrical Data (Amps)*

Lumen Package	Wattage	120V	208V	240V	277V	347V	480V
5L	39	0.33	0.19	0.16	0.14	0.11	0.08
10L	78	0.65	0.38	0.33	0.28	0.22	0.16
18L	149	1.24	0.72	0.62	0.54	0.43	0.31
25L	228	1.90	1.10	0.95	0.82	0.66	0.48

*Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

Recommended Lumen Maintenance[1]

Ambient Temp C	Initial [2]	25k hr [2]	50k hr [2]	75k hr [3]	100k hr [3]
0 C	99%	97%	96%	95%	94%
10 C	99%	97%	96%	95%	93%
20 C	99%	97%	95%	94%	92%
25 C	98%	97%	95%	93%	92%
30 C	98%	97%	95%	93%	92%
40 C	98%	97%	95%	93%	91%

1 Lumen maintenance values at 40C are calculated per TM-21 based on LM-80 data and in-situ testing.
2 In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times the IESNA LM-80-08 total test duration for the device under testing.
3 In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times the IESNA LM-80-08 total test duration for the device under testing

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3 In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times the IESNA LM-80-08 total test duration for the device under testing.

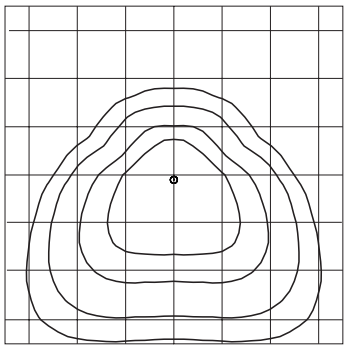
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PHOTOMETRICS

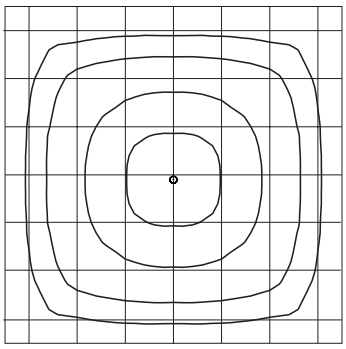
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Luminaire photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. As specified by IESNA LM-79-08 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

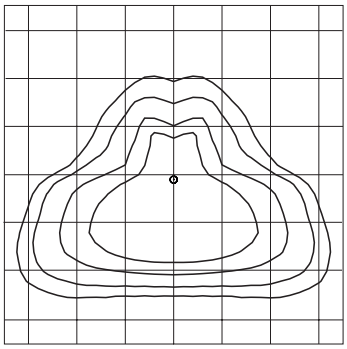
See the individual product page on https://www.lsicorp.com/ for detailed photometric data.



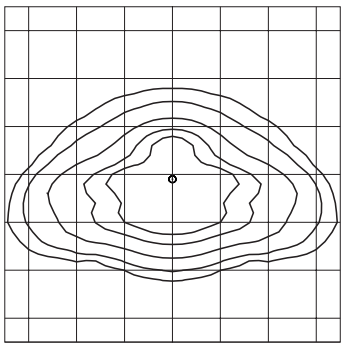
FT



5W



Type 3



Type 2

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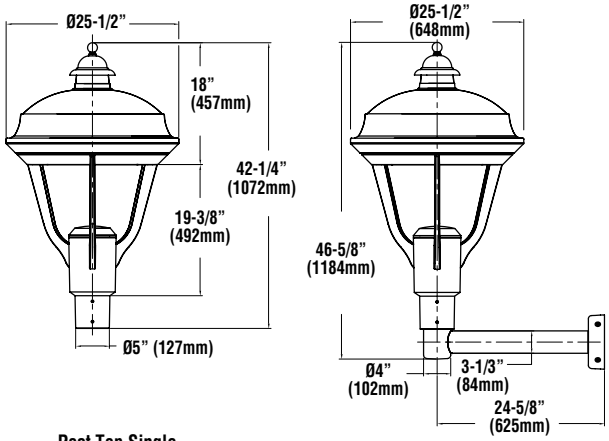
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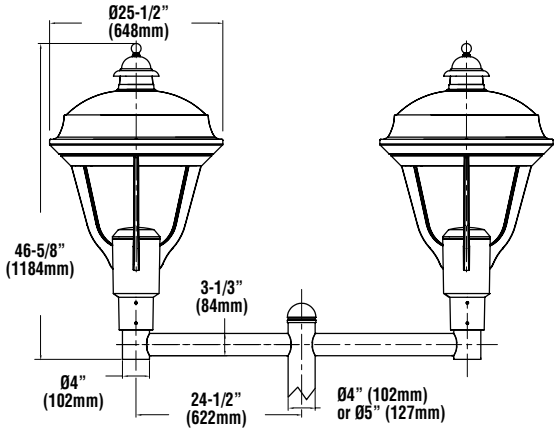
PRODUCT DIMENSIONS

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Post Top Single
Slipfits 4" Dia. Tenon (4N) or Pole

Post Top with WM Accessory



Post Top with BK MPT BO (x2)
Mounts to 4" or 5" Dia. D180 Bolt-on Pole
(select 3" reduced drilling pattern)

LUMINAIRE EPA CHART - Lexington

	MOUNTING STYLE	
PT Single	PT	1.4
PT D180° with BK MPT BO (2)	PT	2.7

SHIPPING WEIGHTS - Lexington

Catalog Number	Est. Weight (kg/lbs.)
LXM4 (PT)	29/64

POLES & BRACKETS

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LSI offers a full line of poles and mounting accessories to complete your lighting assembly. Aluminum and steel in both square and round shafts. In addition, LSI offers round tapered, fluted and hinge based poles. Designed and engineered for durability and protected with our oven baked DuraGrip Protection System. Also available with our DuraGrip+ Protection system for unmatched corrosion resistance and an extended warranty. American made in our Ohio facility with industry leading lead times.

Click here to learn more details about poles & brackets



BKA UMB CLR

The 3G rated UMB allows for seamless integration of LSI luminaires onto existing/ retrofit or new construction poles. The UMB was designed for square or round (tapered or straight) poles with two mounting hole spacings between 3.5" – 5".



BKA ASF CLR

The adjustable Slip Fitter is a 3G rated rugged die cast aluminum adapter to mount LSI luminaires onto a onto a 2" iron pipe , 2 3/8 OD tenon. The Adjustable Slip Fitter can be rotated 180° allowing for tilting LSI luminaires up to 45° and 90° when using a vertical tenon.



BKS PQM15 CLR

The Pole Quick Mount Bracket allows for preset 15° uptilt of LSI luminaires for greater throw of light and increased vertical illumination as well as fast installation onto poles with LSI's 3" or 5" bolt pattern.



BKS PQMH CLR

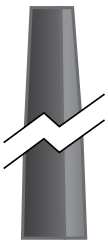
The Pole Quick Mount Bracket allows for lightning fast installation of LSI luminaires onto existing and new construction poles with LSI's B3 or B5 standard pole bolt patterns.



Square Pole
14'-39'



Round Pole
10'-30'



Tapered Pole
20'-39'

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CONTROLS

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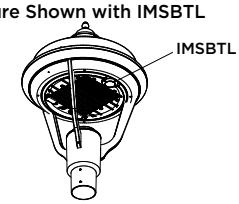
Integral Bluetooth™ Motion and Photocell Sensor (IMSBTxL)

Slim low profile sensor provides multi-level control based on motion and/or daylight. Sensor controls 0-10 VDC LED drivers and is IP66 rated for cold and wet locations (-40°F to 167°F). Two unique PIR lenses are available and used based on fixture mounting height. All control parameters are adjustable via an iOS or Android App capable of storing and transmitting sensor profiles.

Click here to learn more details about IMSBT

LEVITON App Apple Android

Fixture Shown with IMSBTL



AirLink Blue (ALBMRxLR)

Wireless Bluetooth Mesh Outdoor Lighting Control System that provides energy savings, code compliance and enhanced safety/security for parking lots and parking garages. Three key components; Bluetooth wireless radio/sensor controller, Time Keeper and an iOS App. Capable of grouping multiple fixtures and sensors as well as scheduling time-based events by zone. Radio/Sensor Controller is factory integrated into Area/Site, Wall Mounted, Parking Garage and Canopy luminaires.

Click here to learn more details about AirLink Blue

AirLink Blue App Apple

Sensor Sequence of Operations

Standard Programming	On Event	Off Event	On Light Level	Dim Light Level	Daylight Harvesting	Delay To Off	Sensitivity
OMSBTxL/IMSBTxL	Motion	No Motion	100%	N/A	On; Auto Calibration	20 minutes	High
OMS	Motion	No Motion	N/A	N/A	N/A	30 seconds	Auto

Operation	Description
On Event	Trigger that activates lights to turn on; either automatic via motion detected or manually activated via push of button.
Off Event	Trigger that activates lights to turn off; either automatic via no motion detected or manually activated via push of button.
On Light Level	The light level that the fixtures will turn on to when ON EVENT occurs.
Dim Light Level	The light level that the fixtures will dim down to when no motion is detected.
Delay to Dim	The amount of time after which no motion is detected that the fixtures will be triggered to dim down. This sequence is optional, and sensor can be programmed to only trigger the fixture to turn off by entering 100% in this field.
Delay to Off	The amount of time after which no motion is detected that the fixtures will be triggered to turn off. If delay to dim is part of the programmed functionality, this is the amount of time after which no motion is detected after the fixture have already dimmed down.
Sensitivity	The sensitivity can be set to high, medium, low, or auto where applicable. High will detect smaller, simple motions. Low will only detect larger more complex motions. Auto temperature calibration adjusts the PIR sensitivity as ambient temperature rises to increase detection of heat movement through the field of view.

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