



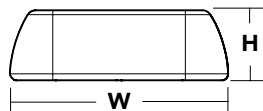
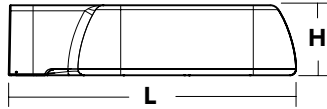
CSX1 LED LED Area Luminaire



CONTOUR

Specifications

EPA:	0.7 ft ² (0.07 m ²)
Length:	23-1/2" (59.7 cm)
Width:	18-1/2" (46.9 cm)
Height:	5-7/8" (14.9 cm)
Weight (max):	37 lbs (16.8 kg)



Catalog Number
Notes
Type

Hit the Tab key or mouse over the page to see all interactive elements.

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is A+ Certified when ordered with DTL[®] controls marked by a shaded background. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability¹
- This luminaire is part of an A+ Certified solution for ROAM[®]2 or XPoint[™] Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a shaded background¹

To learn more about A+, visit www.acuitybrands.com/aplus.

- See ordering tree for details.
- A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately: [Link to Roam](#); [Link to DTL DLL](#)



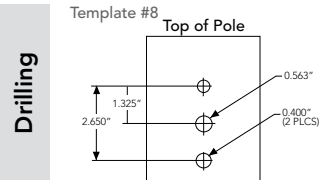
A+ Capable options indicated by this color background.

Ordering Information

EXAMPLE: CSX1 LED 60C 1000 40K T3M MVOLT SPA DDBXD

CSX1 LED	60C								
Series	LEDs	Drive current	Color temperature	Distribution	Voltage	Mounting	Options	Options	Finish (required)
CSX1 LED	60C 60 LEDs	700 700 mA 1000 1000 mA (1 A)	40K 4000 K 50K 5000 K	T2M Type II T3M Type III T4M Type IV T5M Type V TFTM Forward throw	MVOLT ¹ 120 ¹ 208 ^{1,2} 240 ^{1,2} 277 ¹ 347 480 ²	Shipped included SPA Square pole mounting RPA Round pole mounting WBA Wall bracket Shipped Separately³ SPUMBA Square pole universal mounting adaptor ³ RPUMBA Round pole universal mounting adaptor ⁴ KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) ⁵	Shipped installed PER NEMA twist-lock receptacle only (no controls) DCR Dimmable and controllable via ROAM [®] (no controls) ⁶ DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) ⁷ HS House-side shield ³ SF Single fuse (120, 277, 347V) ⁸ DF Double fuse (208, 240, 480V) ⁸ DS Dual switching ^{9,10} BL30 Bi-level switched dimming, nominal 30% ^{10,11,12} BL50 Bi-level switched dimming, nominal 50% ^{10,11,12} Shipped separately³ VG Vandal guard BS Bird-deterrent spikes	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white	

Ordering Information



- Accessories
Ordered and shipped separately.
- DLL127F 1.5 JU Photocell - SSL twist-lock (120-277V) ¹³
 - DLL347F 1.5 CUL JU Photocell - SSL twist-lock (347V) ¹³
 - DLL480F 1.5 CUL JU Photocell - SSL twist-lock (480V) ¹³
 - DSHORT SBK U Shorting cap ¹³
 - KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) ³
 - PUMBA DDBXD U* Round and square pole universal mounting bracket adaptor (specify finish)
 - CSX1HS U House-side shield (includes 2 shields)
 - CSX1VG U Vandal guard accessory
 - CSX1BS U Bird-deterrent spikes accessory

For more control options, visit [DIL](#) and [ROAM](#) online.

CSX1 shares a unique drilling pattern with the AERIS™ family. Specify this drilling pattern when specifying poles.

- DM19AS** Single unit
- DM28AS** 2 at 180°
- DM49AS** 4 at 90° *
- DM29AS** 2 at 90° *
- DM39AS** 3 at 90° *
- DM32AS** 3 at 120° **

Example: SSA 20 4C DM19AS DDBXD

Visit Lithonia Lighting's [POLES CENTRAL](#) to see our wide selection of poles, accessories and educational tools.

*Round pole top must be 3.25" O.D. minimum.
**For round pole mounting (RPA) only.

Tenon Mounting Slipfitter **

Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

NOTES

- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
- Not available with BL30 or BL50.
- Also available as a separate accessory; see Accessories information at left.
- 1.5 G vibration load rating per ANCI C136.31.
- Requires "SPA" mounting option. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
- Specifies a ROAM® enabled luminaire with 0-10V dimming capability; PER option required. Not available with 347 or 480V. Add'l hardware and services required for ROAM® deployment; call 1-800-442-6745.
- Not available with 347 or 480V.
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- Provides 50% dimming capability via two independent drivers, each operating half the luminaire. Available with MVOLT and two light engines only. N/A with PER, DCR or DMG.
- Requires an additional switched line.
- Dimming driver standard. MVOLT only. Not available with DCR.
- Not available with 208V, 240V or 480V.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item.

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

LEDs	Drive Current (mA)	System Watts	Dist. Type	40K					50K				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
				60C									
60C	700 mA	134W	T2M	15,590	3	0	3	116	15,687	3	0	3	117
			T3M	16,502	3	0	3	123	16,605	3	0	3	124
			T4M	16,479	2	0	3	123	16,582	3	0	3	124
			T5M	16,539	4	0	2	123	16,643	4	0	2	124
			TFTM	16,710	2	0	3	125	16,814	2	0	3	125
	1000 mA	209W	T2M	21,048	3	0	3	101	21,180	3	0	3	101
			T3M	22,279	3	0	3	107	22,418	3	0	4	107
			T4M	22,248	3	0	4	106	22,387	3	0	4	107
			T5M	22,330	5	0	3	107	22,469	5	0	3	108
			TFTM	22,560	3	0	3	108	22,701	3	0	4	109

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient	Lumen Multiplier
0°C	1.02
10°C	1.01
20°C	1.00
25°C	1.00
30°C	1.00
40°C	0.99

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the CSX1 LED 60C platform in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	0.94	0.90	0.83

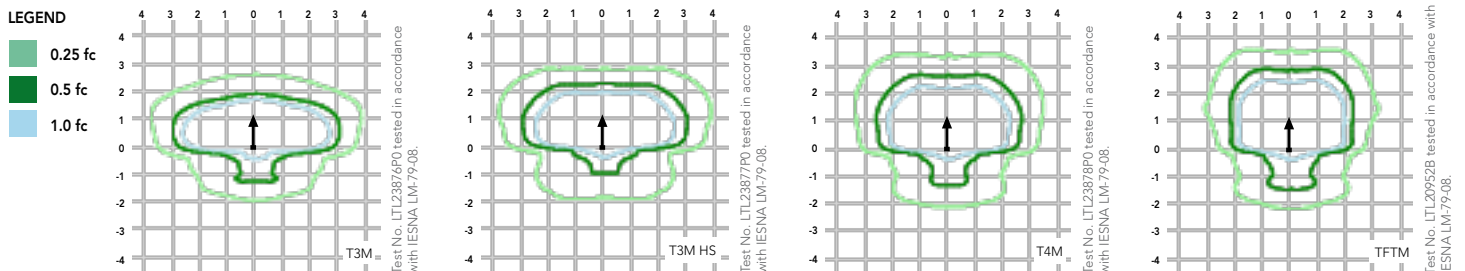
Electrical Load

Number of LEDs	Drive Current (mA)	System Watts	Current (A)					
			120V	208V	240V	277V	347V	480V
60C			700					
			1.321	0.756	0.659	0.580	0.462	0.337
			1000					
			2.068	1.198	1.056	0.943	0.764	0.605

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [CSX1 homepage](#).

Isofootcandle plots for the CSX1 LED 60C 1000 40K. Distances are in units of mounting height (20').



FEATURES & SPECIFICATIONS

INTENDED USE

The Contour Series LED area luminaire is ideal for streets, walkways, parking lots, and surrounding areas that call for high-performance LED lighting in a transitional dayform.

CONSTRUCTION

Single-piece die cast housing has a unique flow-through design that allows for optimized thermal management through convective cooling. A metallic screen covers the top of the housing, preventing debris build-up while allowing natural cleaning of the heat sinks. Modular design allows for ease of maintenance and future light engine upgrades. The LED driver and electronics are thermally isolated from the light engine(s), ensuring long life. Housing is completely sealed against moisture and environmental contaminants.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling.

OPTICS

Precision-molded acrylic lenses provide optimal luminaire spacing and improved uniformity. Lenses are indexed to the circuit board to ensure consistent optical alignment and delivering repeatable photometric performance. Light engines are available in standard 4000 K (70 CRI) or optional 5000 K (67 CRI) configurations. The CSX1 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engines consist of 60 high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (100,000 hrs at 40°C, L70). Class 1 electronic driver

designed to have a power factor >90%, THD <20%, with an expected life of 100,000 hours with <1% failure rate. Easily-serviceable surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

INSTALLATION

Integral arm provides easy installation to a pole and assists in alignment and leveling. Secure connection withstands up to 3.0 G vibration load rating per ANSI C136.31. The CSX1 utilizes the AERIS™ series pole drilling pattern for SPA and RPA options; wall mounting bracket also available. Available mast arm adapter accessory accepts horizontal tenons up to 2-3/8" O.D.

LISTINGS

CSA Certified to U.S. and Canadian standards. Light engines and luminaire are IP66 rated. **U.S. Patent No. D632830. U.S. Patent No. D653,382 S.**

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 to confirm which versions are qualified.

WARRANTY

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

