

## FEATURES & SPECIFICATIONS

**INTENDED USE** — This softly contoured luminaire seamlessly blends into all forms of architecture. Highly efficient and long-lasting, it is ideal for streets, walkways, parking lots, and surrounding areas.

**CONSTRUCTION** — Sturdy low-copper aluminum, single-piece die cast housing. Unique flow-through design allows for optimized thermal management through convective cooling. A metallic screen covers the top of the housing, preventing debris build-up while allowing air-flow and natural cleaning of the light engine heat sink. Modular design allows for ease of maintenance and future light engine upgrades. The LED driver and electronics are thermally isolated from the heat-generating light engine ensuring long life. Housing is completely sealed against moisture and environmental contaminants. Low profile design minimizes wind-loading.

**Finish:** Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish (available in both textured and non-textured) that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mm thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum and white.

**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. Choice of five optimized distributions: Type II, Type III, Type IV, Type V, and Forward Throw. The optical system controls light above 90 degrees, eliminating wasteful up light.

**ELECTRICAL** — High-efficiency 4000K, 65 CRI LEDs mounted to a metal-core circuit board and aluminum heat sink, ensuring optimal thermal management and long life (L85 60,000 hrs, 25°C ambient). Standard and dimming drivers are available in 120-277V and 347-480V; 50/60 Hz. Drivers have power factor >90% and THD <20%. Thermal isolation results in expected driver life of over 100,000 hours. Replaceable surge protection device is tested in accordance with IEEE/ANSI C62.41.2 meeting Category C Low.

**INSTALLATION** — Integral arm provides easy installation to a pole and ensured alignment and leveling. Rugged, secure connection built to withstand up to 2.0 G vibration load per ANSI C136.31. Utilizes the AERIS™ series pole drilling pattern. Optional wall mounting. Optional mast arm adapter available which accepts horizontal tenons maximum 2-3/8" O.D.

**LISTINGS** — CSA certified to U.S. and Canadian standards. Light engine and luminaire are IP66 rated.

**U.S. Patent No. D632830.**

**WARRANTY** — Five-year limited warranty.

Note: Specifications subject to change without notice.

Catalog Number
Notes
Type

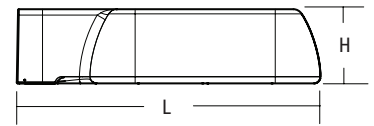
## CONTOUR SERIES

### LED Area Luminaire Size 1



#### Specifications

- EPA: 0.7 ft<sup>2</sup>
- Length: 23-1/2 (59.7)
- Width: 18-1/2 (46.9)
- Height: 5-7/8 (14.9)
- \*Weight (1 light engine): 31 lbs (14.1 kg)
- Weight (2 light engines): 37 lbs (16.8 kg)
- \*Weight as configured in example below..



All dimensions are inches (centimeters) unless otherwise noted.

#### ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

**Example:** CSX1 LED 1 30B700/40K SR5 MVOLT SPA DDBXD

CSX1 LED	Number of light engines	Performance package <sup>2</sup>	Distribution	Voltage	Mounting	Options	Finish <sup>14</sup>
CSX1 LED	1 <sup>1</sup>	30B700/40K	SR2 Type II	MVOLT <sup>3</sup>	<u>Shipped included</u>	<u>Shipped installed</u>	DDBXD Dark bronze
	2	30B530/40K	SR3 Type III	120	SPA Square pole mounting	PER NEMA twist-lock receptacle only (no photocontrol) <sup>7</sup>	DBLXD Black
		<u>Optional</u>	SR4 Type IV	208	RPA Round pole mounting	DCR Dimming control - ROAM® (PER required) <sup>7,8</sup>	DNAXD Natural aluminum
		30B700/30K	SR5 Type V	240	WBA Wall bracket	HS Houseside shield (SR2, SR3, SR4, FT) <sup>4,9</sup>	DWHXD White
		30B530/30K	FT Forward throw	277	<u>Shipped separately</u> <sup>4,5</sup>	SF Single fuse (120, 277, 347V)	DDBTXD Dark bronze textured
		30B700/50K		347	KMA8 Mast arm adaptor <sup>6</sup>	DF Double fuse (208, 240, 480V)	DBLBXD Black textured
		30B530/50K		480	SPA19/ MR2 Square pole adaptor (DM19 to SPA)	DMG Dimming driver option <sup>8</sup>	DNATXD Natural aluminum textured
					RPA19/ MR2 Round pole adaptor (DM19 to RPA)	WTB Utility terminal block	DWHGXD White textured
						UT Utility terminal block and closing screws	
						2ELED Emergency LED secondary source (2 modules) battery pack (-20°C min. operating temperature)	
						DS Dual switching <sup>10</sup>	
						<u>Shipped separately</u> <sup>3</sup>	
						DSS124N 1.5 TJJE U Photocell - solid-state twist-lock (120, 208, 240, 277) <sup>11</sup>	
						REN480 NM1 J1 Photocell - ROAM® node (480) <sup>11</sup>	
						SC U Shorting cap <sup>12</sup>	
						VG Vandal guard <sup>13</sup>	
						BS Bird-deterrent spikes <sup>13</sup>	

**Note:** CSX shares a unique drilling pattern with the AERIS™ and OMER0™ families. This pattern should be used when specifying poles. See example below.

Example: SSA 20 4C DM19AS DDBXD

#### Aeris Drilling Pattern

DM19AS	1 at 90 degrees
DM28AS	2 at 180 degrees
DM29AS	2 at 90 degrees
DM39AS	3 at 90 degrees
DM49AS	4 at 90 degrees
DM32AS	3 at 120 degrees (round poles only)

Accessories: Tenon Mounting Slipfitter							
Order as separate catalog number. Must be used with pole mounting (RPA).							
Tenon O.D.	One	Two@180°	Two@90°	Three@120°	Three@90°	Four@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

- 1 One light engine, 350mA or 530mA, not available with 347 or 480 volt.
- 2 Configured with 4000K (/40K) provides the shortest lead times. 3000K (/30K) and 5000 (/50K) are also available. Please consult factory for additional information.
- 3 Multi-volt driver capable of operating on any line voltage from 120V-277V.
- 4 May be ordered as an accessory.
- 5 Must specify finish when ordering as an accessory.
- 6 Horizontal tenon must be ordered separately if required.
- 7 ROAM® enabled fixture includes dimming driver. Additional hardware and services required for ROAM® deployment must be purchased separately. Call 1-800-442-6745 or email: sales@roomservices.net.
- 8 DMG not available 530mA with one light engine. DMG not available 700mA with one light engine with 347 or 480 volt. Consult factory for availability with two light engines.
- 9 When ordering as accessory, order as CSXHS U (quantity one per light engine).
- 10 Available with MVOLT and 2 light engines only. N/A with PER, DCR, DMG, WTB or 2ELED.
- 11 Must order PER option. Not available 347V. Must be ordered as a separate line item from Acuity Brands Controls.
- 12 Must be ordered on separate line.
- 13 Prefix with CSX1 when ordering as an accessory
- 14 Must specify finish.

## PERFORMANCE DATA

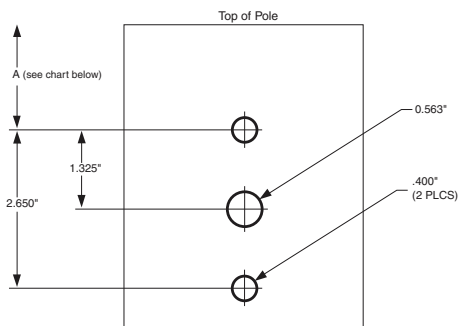
Number of light engines	Drive current	Performance package	Nominal system watts <sup>1</sup>	Dist. Type	40K (400K, 65 CRI)				
					Lumens	B	U	G	LPW
1	530	30B530/--K	57	SR2	4,522	1	0	1	79
1	530	30B530/--K	57	SR3	4,475	1	0	1	79
1	530	30B530/--K	57	SR4	4,583	1	0	2	80
1	530	30B530/--K	57	SR5	4,898	3	0	1	86
1	530	30B530/--K	57	FT	4,613	1	0	1	81
1	700	30B700/--K	74	SR2	5,514	1	0	2	75
1	700	30B700/--K	74	SR3	5,403	1	0	2	73
1	700	30B700/--K	74	SR4	5,565	1	0	2	75
1	700	30B700/--K	74	SR5	6,105	3	0	1	83
1	700	30B700/--K	74	FT	5,601	1	0	2	76
2	530	30B530/--K	111	SR2	9,002	2	0	2	81
2	530	30B530/--K	111	SR3	8,863	2	0	2	80
2	530	30B530/--K	111	SR4	9,003	2	0	2	81
2	530	30B530/--K	111	SR5	9,857	3	0	2	89
2	530	30B530/--K	111	FT	9,186	2	0	2	83
2	700	30B700/--K	146	SR2	10,999	2	0	2	75
2	700	30B700/--K	146	SR3	10,759	2	0	2	74
2	700	30B700/--K	146	SR4	10,967	2	0	2	75
2	700	30B700/--K	146	SR5	12,014	4	0	2	82
2	700	30B700/--K	146	FT	11,305	2	0	2	77

700 mA		Current (A)					
Light engines	Nominal power (W)	120	208	240	277	347	480
1	74	0.62	0.36	0.31	0.27	0.21	0.15
2	144	1.20	0.69	0.60	0.52	0.41	0.30

### DRILLING TEMPLATE # 8

AERIS™

Pole-Mounted Luminaire (not for suspend)



\*"A" recommended dimension  
 Aluminum Poles Only 1.750"  
 All Other Pole Types 2.750"

Note: Dimension varies by pole type to allow clearance for pole cap. Check pole cap depth if field drilling poles.

NOTE: This drawing is NOT to scale and should be used for dimensional purposes only.

### Notes

- 1 At 277V. Tested to IESNA LM-79-08 standards.
- 2 Additional lighting facts available; please consult factory.
- 3 Photometric data can be accessed from the Lithonia Lighting web site ([www.lithonia.com](http://www.lithonia.com)).