

FEATURES & SPECIFICATIONS

INTENDED USE — The Contour Series area luminaire with WBA mounting option is ideal for commercial wall-mounted applications where traditional metal halide luminaires are typically used.

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.

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 four optimized distributions: Type II, Type III, Type IV, 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.

2ELED option provides emergency egress lighting to meet code. Provides 420 lumens for 90 minutes and meets NEC 700.16 redundancy code requirements.

INSTALLATION — Integral arm provides easy installation to WBA accessory and ensured alignment and leveling.

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

U.S. Patent No. D632830. 2ELED Patent No. 7,737,640.

WARRANTY — Five-year limited warranty.

Note: Specifications subject to change without notice.

Catalog Number
Notes
Type

CONTOUR SERIES

LED Building Mounted Luminaire

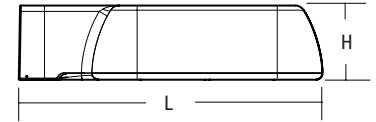


* Luminaire shown with 2ELED Option (not standard)



Specifications

- EPA: 0.7 ft²
- 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 SR3 MVOLT WBA DDBXD

CSX1 LED					WBA			
Series	Number of light engines	Performance package ²	Distribution	Voltage	Mounting	Options		Finish ¹³
CSX1 LED	1 ¹	30B700/40K	SR2 Type II	MVOLT ³	Shipped included WBA Wall bracket	Shipped installed		DDBXD Dark bronze
	2	30B530/40K	SR3 Type III	120			PER NEMA twist-lock receptacle only (no photocontrol) ⁴	DBLXD Black
		<u>Optional</u>	SR4 Type IV	208			DCR Dimming control - ROAM [®] (PER required) ^{4,5}	DNAXD Natural aluminum
		30B700/30K	FT Forward throw	240			HS Houseside shield (SR2, SR3, SR4, FT) ^{6,7}	DWHXD White
		30B530/30K		277			SF Single fuse (120, 277, 347V)	DDBTXD Dark bronze textured
		30B700/50K		347			DF Double fuse (208, 240, 480V)	DBLBXD Black textured
		30B530/50K		480			DMG Dimming driver option ⁵	DNATXD Natural aluminum textured
							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 ⁸	
							Shipped separately ⁵	
							DSS124N 1.5TJJE U Photocell - solid-state twist-lock (120, 208, 240, 277) ⁹	
				REN480 NM1 J1 Photocell - ROAM [®] node (480) ⁹				
				SC U Shorting cap ¹⁰				
				VG Vandal guard ¹¹				
				BS Bird-deterrent spikes ¹²				

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 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@roamservices.net.
- 5 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.
- 6 May be ordered as an accessory.
- 7 Order as CSXHS U, quantity 1 per light engine.
- 8 Available with MVOLT and 2 light engines only. N/A with PER, DCR, DMG, WTB or 2ELED.
- 9 Must order PER option. Not available 347V. Must be ordered as a separate line item from Acuity Brands Controls.
- 10 Must be ordered on separate line.
- 11 Prefix with CSX1 when ordering as an accessory.
- 12 For accessory, order as CSX1BS U.
- 13 Must specify finish.

CSX1 LED Building Mounted Lighting

PERFORMANCE DATA

Number of light engines	Drive current	Performance package	Nominal system watts ¹	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

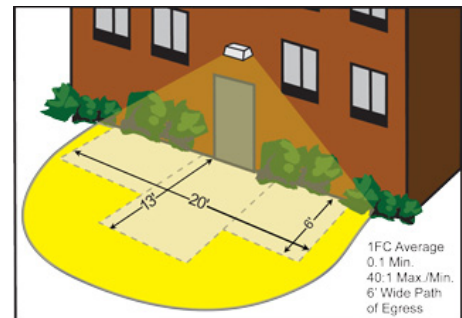
700 mA		Current (A)					
Light engines	Nominal power (W)	120	208	240	277	347	480
1	74	0.62	0.36	0.31	0.27	0.21	0.15
2	144	1.20	0.69	0.60	0.52	0.41	0.30

2ELED Option: Battery Powered Emergency Egress Lighting

The emergency 2ELED option (not standard) provides a unique solution to meet outdoor egress code applications.

The 2ELED secondary source delivers 620 lumens of light for a minimum of 90 minutes.

The modules are wired in parallel, providing redundancy to meet NEC 700.16 redundancy code requirements.



CSX1 with 2ELED
20' mounting height

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).