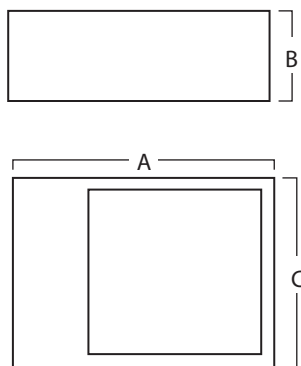


CXL-SERIES - Court Lighting



DIMENSIONS



	A	B	C
CXL	737mm / 29"	254mm / 10"	533mm / 21"

LUMINAIRE EPA* CHART - CXL-SERIES

CXL		
Single		4.8
D180°		9.7
D70°		8.0
Q90°		16.4

Note: House Side Shield adds to fixture EPA. Consult factory.
*includes upsweep brackets

SHIPPING WEIGHTS - CXL-SERIES

Catalog Number	Est. Weight (kg/lbs.)	Length (mm/in.)	Width (mm/in.)	Height (mm/in.)
CXL	27 / 59	775 / 30.5	565 / 22.25	451 / 17.75

HOUSING - The housing is one-piece, formed aluminum, rectangular in shape with square corners. Corners are welded and finished to produce a clean, sharp appearance while increasing housing strength and ensuring weather-tight construction.

DOOR FRAME - Recessed aluminum door frame with two captive stainless steel fasteners to provide secure closure. The door frame features a one-piece continuous gasket for maximum sealing to the housing.

LENS / GASKET - The clear, flat, tempered glass lens is sealed to the door frame with EPDM gasketing.

SOCKET - Porcelain mogul-base socket with spring reinforced contacts. Sockets are pulse-rated.

LIGHT SOURCES - The 1000W Metal Halide lamp utilizes the standard clear BT-56 envelope. The 875W and 750W Pulse-Start Metal Halide lamps utilize the reduced clear BT-37 envelope.

BALLAST - High-power factor CWA type ballast. All ballasts are designed for -20°F (-29°C) operation, and are mounted to the housing reinforcing plate. Lamp ignitor included where required.

REFLECTOR - The high performance reflector consists of a combination of specular and hammertone aluminum. The reflector provides uniform Forward Throw (FT) distribution with sharp backlight cutoff. An integral lamp grip device is provided to insure proper lamp positioning. Photometric data is tested in accordance with IESNA guidelines.

FINISHES - Each fixture is finished with CXL DuraGrip® Polyester powder finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling, and is guaranteed for five full years. Standard colors include black, green, bronze, platinum plus, metallic silver, buff, white, and graphite.

MOUNTING HARDWARE - The fixture is furnished with installed stainless steel, threaded mounting studs protruding from the rear of the housing. Stainless steel nuts and washers used to secure the fixture to the bracket are also included.

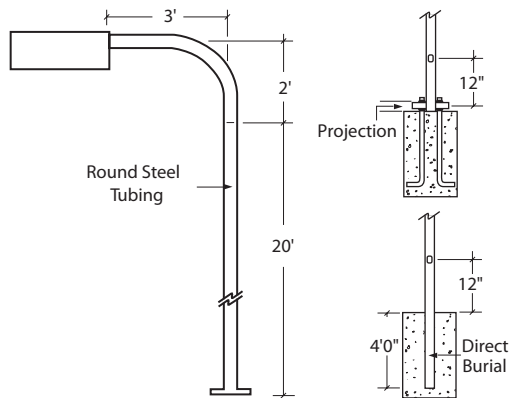


RLLD COMMERCIAL LIGHTING - 300 SHEPHERD DR - SUITE B - HOUSTON, TX 77009 P.713-863-7699 F.713-979-1429

Project Name _____ Location _____

Contact Info _____

POLE AND BRACKET SPECIFICATION



POLES (Straight Round Steel Poles)

- Pole shafts are electro-welded ASTM-A513 round steel tubing.
- Tenon is 2-3/8" O.D. high strength pipe. Tenon is 4-3/4" in length.
- Poles are furnished with Galvanized anchor bolts. Anchor bolts conform with ASTM-A36 with a minimum yield strength of 36,000 PSI.
- Base is ASTM-A36 hot-rolled steel plate with a minimum yield strength of 36,000 PSI.
- 3" x 6" oval hand-hole is 12" above pole base.
- Ground lug is standard.
- Ground fault circuit interrupter is optional.
- Four-inch diameter bracket slipfits pole tenon. Hardware to level the bracket is internally threaded, concealing it from view for a cleaner appearance. One through-bolt secures bracket.
- 4" O.D. 10 Ga. steel tubing is approximately 6 lbs. per ft.
- 5" O.D. 11 Ga. steel tubing is approximately 7 lbs. per ft.
- 5" O.D. 07 Ga. steel tubing is approximately 10 lbs. per ft.
- Two-piece fabricated aluminum base cover is standard for anchor base poles.

ORDERING CHART

Assembly Type	Luminaire Wattage	Luminaire Voltage	Pole Type	Pole Height ⁴	Pole Material	Assembly Finish
CXLS-A (single)	1000 - 1000 Watt	MT - Multi Tap ¹	AB - Anchor Base ³	18	410 - 4" o.d. 10 Ga. Steel ⁵	BLK - Black
CXLS-B (twin 180°)	Metal Halide	480V	DB - Direct Burial	20	511 - 5" o.d. 11 Ga. Steel	GRN - Green
CXLS-C (twin 70°)	875 - 875 Watt Pulse-Start Metal Halide	220/240V 50HZ ²		22	507 - 5" o.d. 7 Ga. Steel ⁶	BRZ - Bronze
CXLS-D (quad)	750 - 750 Watt Pulse-Start Metal Halide			24		PLP - Platinum Plus
				26		BUF - Buff
				28		WHT - White
						GPT - Graphite
						MSV - Metallic Silver

EXAMPLE OF A TYPICAL ORDER

CXLS-A - 1000 - MT - AB - 20 - 410 - BLK

Luminaire Options

HSS - House Side Shield⁷
PLS - Polycarbonate Shield⁸

Pole Options

GFI - Weatherproof
Duplex Receptacle w/
GFCI protection⁹
LAB - Less Anchor Bolts

- 1 - MT (multi-tap ballasts include taps for 120V, 208V, 240V, or 277V)
- 2 - For international applications where 50hz power is standard (e.g. Europe & Asia).
- 3 - All anchor base assemblies are supplied with galvanized anchor bolts and base covers.
- 4 - For anchor base assemblies, the heights shown are the pole length. The fixture mounting height will be 2' higher than the pole height using the upsweep bracket (e.g. with a 20' pole the fixture mounting height is 22'). For direct burial assemblies, the height shown is the above grade. Direct burial poles will also include a 4' below grade section (e.g. a 20' direct burial pole is 24' overall length). Direct burial poles are limited to maximum 24' above grade height.
- 5 - 4" poles are available only up to 22' height.
- 6 - The quad assembly (CXLS-D) is only available with a 5" o.d., 7 gauge pole.
- 7 - Under normal use, the CXL fixture produces acceptable light cutoff. For highly sensitive applications, the optional external rear cutoff shield is available.
- 8 - Use only for high vandalism areas. This add-on shield will discolor over time due to UV exposure from the metal halide lamp.
- 9 - The GFI receptacle installs in the standard handhole location 12" above the pole base.



FINISHES



Black



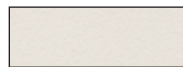
Green



Bronze



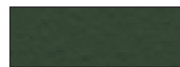
Platinum Plus



Buff



White



Graphite



Metallic Silver



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