

Project: _____ Type: _____ Date: _____

Product: _____



Linear round cage

Specifications

HOUSING: The fixture shall be composed of cast aluminum, A356 alloy and extruded aluminum components. The top cover is removable for access to the LED compartment, sealed with silicone gasket. The outer struts shall be of extruded aluminum. The LED driver assembly is accessible by loosening set screws from the body assembly. All internal and external hardware shall be 316 stainless steel.

ENCLOSURE: The lens shall be of one piece seamless clear acrylic (standard) or frosted acrylic, sealed to the housing with a silicone gasket on the top and bottom.

LEDs: Selected high brightness LED's, > 80 CRI. 2700°K-3000°K-4000°K color temperature (nominal). Distribution symmetric and asymmetric. Expected life minimum 60,000 hours @80% IL- depending upon the ambient temperature of the installation location.

ELECTRICAL: All electrical components are U.L. and C.S.A. recognized, mounted on a gear tray assembly. LED driver, constant current electronic driver-rated up to 60w, 120v-277v input -30°C start. 0-10v dimming and surge protection. All components are prewired and electronically tested before shipment.

POLE-SHAFT / BASE: 6061-T6 alloy 6" & 8" dia. x .125" minimum wall aluminum extrusion. Secures over the anchor bolts, as per the mounting bolt pattern. Unit provided with (grd. lug location inside the unit) and a hand hole cover, secures with s/s screws. Base cast from A356 aluminum alloy free of porosity and foreign materials, heat treated to a T6-tempered. Anchor bolts hot-dip galvanized with nuts and washers.

FINISH: Super TGIC thermoset polyester powder coat paint. Powder coating is 2.5 mil nominal thickness over a chromated pretreatment. This finish system shall meet the A.S.T.M. 2500 hour salt spray test.

CERTIFICATION: Fixture shall be listed with ETL outdoor wet location use, conforms to UL1598 and CAN/CSA Std C22.2 no. 250.0

WARRANTY: Fixture shall be warranted to be free of defects for three years. LED's and driver components shall carry the manufacturer's limited warranty. Our products are 100% designed, sourced and fabricated in California, USA.

Overview

The Linear round cage series offers a complete package of sizes, optical systems and mounting options designed for urban areas, buildings, roads and public areas.

Ordering Information:

Product	Optics	Wattage	LED	Voltage	OAH	Color	Options
Example: LRCG-1	- FA	- 40	- 4K	- 120-277	- 12'	- BLK	- HSS

Product - OAH	Optics	EPA:	Weight:
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LRCG-1	10'-12'-14'-16'	FAL	Frosted Acrylic Lens
LRCG-2		CAL	Clear Acrylic Lens
LRCG-3			

Wattage	Lm	Voltage
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24	2620	120-277
36	2850	
60	3088	

Colors	Options
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BLK	Black	SF	Single Fuse (120,277,347v)
WHT	White	DF	Double Fuse (208,240,480v)
DBZ	Dark Bronze	PCB	Photo Control Button
LG	Light Gray	HSS	House Side Shield
CC	Custom Color		

LED	Voltage	OAH	Color	Options
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4K	120-277	12'	BLK	HSS
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Column Dimensions: Specify Over All Height of Column

