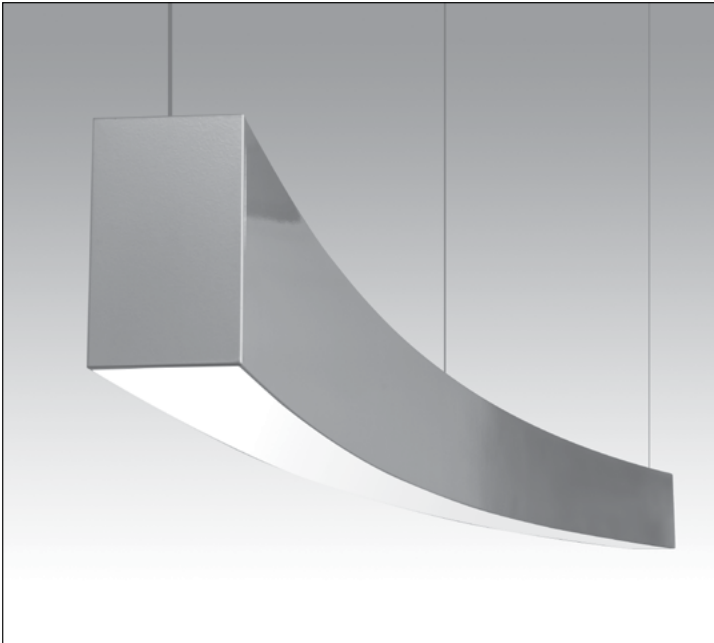


CHARLOTTE


3.25" Direct/Indirect Distribution
Distributed Array

Sweeping Curve LED Fixture



CHARLOTTE's sweeping curved square LED profile features multiple distribution and LED options within a 3.25" extruded aluminum housing. Unleash your creativity using broad curves and shapes with the continuous run option or display it as a stand alone luminaire alternating curved sides for dramatic architectural patterns and effects. Frosted White acrylic lenses deliver light efficiently to any interior application or design.

CHARLOTTE offers smooth directional illumination within its curved, streamlined architectural profile. 2-Circuit (2CKT) switching capability is optional for lighting the ceiling or work plane. Available in 4' or 8' nominal lengths and continuous run.

 UL and c-UL listed for dry and damp locations.



Made in the USA

FIXTURE SPECIFICATIONS

Construction

Curved heavy gauge square extruded aluminum housing 20 ft. radius. Precision-machined 1/4" thick aluminum end-caps. Extruded acrylic lenses specifically engineered to heat expand into exact position eliminating light leak.

Mounting Options

(CSS) Cable Suspension System field-adjustable 1/8" aircraft cable.

Finishes

(SC) Satin Clear anodized is standard finish. Other powder coat finishes available. Consult factory for details.

Acrylic Lens

(FW) Frosted White extruded acrylic lens.

LED Light Engine System

LED Light Engines are available as HLO (High Lumen Output) and SLO (Standard Lumen Output) providing efficient illumination. CLO (Custom Lumen Output) allows for end user specified lumen output or tailored wattage consumption for certain models. Consult factory for details.

Dimming

Dimming is available with a variety of control protocols and options. Consult factory for availability and specifications.

Fixture Length

Fixture is available in 4' or 8' nominal lengths and continuous run.

Custom and Mods

We proudly specialize in manufacturing custom and modified luminaires and have the ability to modify most of our standard fixtures. Please contact factory with any inquiries.



Type:

Job Name:

Sweeping Curve LED Fixture

SPECIFICATION CODE

CHA-DR/IN

model	configuration	direct light engine	indirect light engine	color temp	length	finish	lens direct	lens indirect	voltage	driver	mounting
Model	Configuration	Direct Light Engine	Indirect Light Engine	Color Temp	Nominal Length	Finish	Lens Direct	Lens Indirect	Voltage	Driver	Mounting
CHA-DR/IN 3.25" Direct/Indirect Distribution	1DR-1IN - 1 lamp direct/ 1 indirect	SLO - Standard Lumen Output	SLO - Standard Lumen Output	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K	4 - 4' 8 - 8'	Anodized SC - Satin Clear	FW - Frosted White	FW - Frosted White	120 277	EB - Electronic	CSS - Cable Suspended
	1DR-0IN - 1 lamp direct/ 0 indirect	HLO - High Lumen Output	HLO - High Lumen Output		CR₅ Continuous Run	Powder Coat MW - Matte White FB - FlatBlack CUP - Custom ³	FC - Frosted Clear			Dimming D1 - 1% (nom) 0-10V D10 - 10% 0-10V HLA2⁴ - Lutron 2 wire HLA3 - Lutron 3 wire HLAD - Lutron digital	
	0DR-1IN - 0 lamps direct/ 1 indirect	CLO¹ - Custom Lumen Output	CLO¹ - Custom Lumen Output								

• (0) designates No lamp option

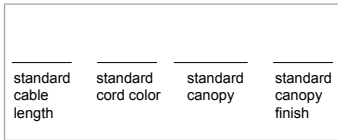
[CLO Calculator](#)

CSS SPECIFICATION CODE

CSS Options

- CSS³ - Cable Length**
- CSS³ - Power Cord Color**
- CSS³ - Canopy**
- CSS³ - Canopy Finish**

CSS selections only³



OPTION CODE

Options

- 2CKT - 2 Circuit Switching** option
- EM² - Emergency Battery Pack**

NOTES

- 1 refer to CLO Calculator for code selection
- 2 consult factory for EM options
- 3 consult factory for custom finish
- 4 120 volt only
- 5 specify length in 4' nominal increments, not recommended for complete circle installations

*see [lens supplement sheet](#) for lens info

LED

CHA-DR/IN 8' (4000K FW lens)

- SLO - 71.8 lm/watt delivered @ 10.4 w/ft fixture input watts, 747 lm/ft.**
- HLO - 68.5 lm/watt delivered @ 21.8 w/ft fixture input watts, 1493 lm/ft.**
- CLO - refer to [CLO Calculator](#)**
- 325 LED [supplement info](#)**

CSS Options

Cable Length	Power Cord Color	Canopy	Canopy Finish
36 - 36" (standard) 72 - 72" 120 - 120"	W - White B - Black G - Gray (standard)	STND - Bracket bar w/5" round canopy NC - No canopy 1/4-20 side exit cable gripper (1/4-20 stud provided by others) CU - Custom (contact factory)	MW - Matte White (standard) SL - Silver FB - Flat Black CUP - Custom (contact factory)

Dimensions

Profile

