

# CP30Q DuraLED Sculptor Small Round Canopy



Project Name:	<b>Project Information</b>	Fixture Type:
Complete Catalog #:		Date:
Comments:		

The DuraGuard CP30Q Sculptor Architectural Small Round Canopy is available in Type III or V distributions with two lens options designed to replace HID lighting systems up to 250w MH or HPS. Typical area lighting applications include retail centers, industrial parks, schools and universities, public transport and airports, office buildings and medical facilities. Mounting heights of 12 to 20 feet can be used based on light level and uniformity requirements.

## SPECIFICATIONS AND FEATURES:



### HOUSING:

Die Cast Aluminum Housing, Integral Heat Sinking.

### LISTING & RATINGS:

CSA: Listed for Wet Locations, ANSI/UL 1598, 8750 IP65

### FINISH:

Black Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

### LENS:

Clear UV-Stabilized Polycarbonate or SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Array Lens to Seal LED Array

### MOUNTING OPTIONS:

Included Easy-Hang Bracket Fits Standard 4" Electrical Box, Allowing One Person Installation.

### DURALED LED:

Aluminum Boards

### WATTAGE:

37w Array: 37w, System: 39w; (70-150w HID Equivalent)  
65w Array: 65.1w, System: 68w; (150-250w HID Equivalent)  
84w Array: 84w, System: 86w; (150-250w HID Equivalent)

### DRIVER:

Electronic Driver, 120-277V, 50/60Hz or 347-480V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 6KV, 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

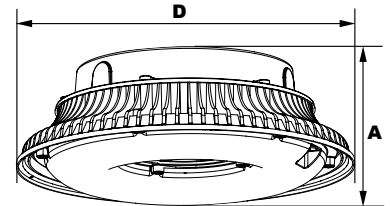
### CONTROLS:

Fixtures Ordered with Factory-Installed Photocell or Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with DuraGuard Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

### WARRANTY:

5-Year Warranty for -40°C to +50°C Environment.

See Page 2 for Projected Lumen Maintenance Table.



### Dimensions

Height (A)	5½" (142mm)
Diameter (D)	16⅞" (411mm)

## DuraLED TECHNOLOGY

Complete Units  
Ordering Information  
Example: CP30QF1X84U5KCBSP

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## CP30Q

Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
<b>CP30Q=</b> DuraLED Sculptor Small Round Canopy	<b>C</b> =Type III <b>F</b> =Type V	<b>1X37</b> =37w <b>1X65</b> =65w <b>1X84</b> =84w	<b>U</b> =120-277V <b>H</b> =347-480V	<b>3K</b> =3000K* <b>4K</b> =4000K <b>5K</b> =5000K  *37w & 65w Type III; 37w & 84w Type V		<b>B</b> =Black <b>C</b> =Custom (Consult Factory)	

**C**=Clear UV-Stabilized Polycarbonate Array Lens  
**L**=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens\*  
\*Use with Type V Models Only

**SF**=Single Fuse\*  
**DF**=Double Fuse\*  
**SP**=Surge Protection  
**S2**=Microwave Sensor with Dimming for Mounting Heights of 8 to 40'.\*  
**S4**=Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19'.\*  
**BU**=Battery Backup, 90 Minutes (37w & 65w Only)\*  
**BUC**=Cold Start Battery Backup, -20°C, 90 Minutes (37w & 65w Only)\*

\*120-277V Models Only.



# CP30Q DuraLED Sculptor Small Round Canopy



## ACCESSORIES & REPLACEMENT PARTS:



AS301S\*

P17117

P17123

\*Shown Mounted

Accessories (Order Separately, Field Installed)	
AS301S*	Spun Aluminum Shade with Powdercoat Finish, Hardware Included
*Specify Color: B=Black, C=Custom (Consult Factory)	

Replacement Parts (Order Separately, Field Installed)	
P17117	Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 40'. 120-277VAC, 50/60Hz
P17123	Internally Mounted Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', 120-277VAC, 50/60Hz
For Replacement Battery Backup, see the DuraGuard LED Battery Backup Specification Sheet.	

## PHOTOMETRIC PERFORMANCE

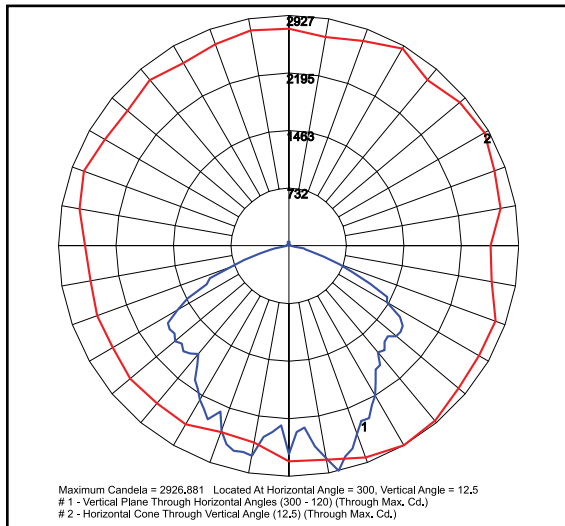
LED Board Watts	Drive Current (mA)	Input Watts	Optics	Spacing Criteria	5000 CCT 80 CRI		4000 CCT 80 CRI		3000 CCT 80 CRI	
					Lumens	LPW	Lumens	LPW	Lumens	LPW
DuraLED 37w	525	39	Type III Clear	2.14	3,228	83	3,107	80	2,986	77
DuraLED 65w		68	Type III Clear	2.14	5,671	83	5,458	80	5,246	77
DuraLED 84w		86	Type III Clear	2.14	7,067	82	6,802	79	-	-
	Type V Clear		1.24	7,887	92	7,216	84	7,098	83	

## PROJECTED LUMEN MAINTENANCE

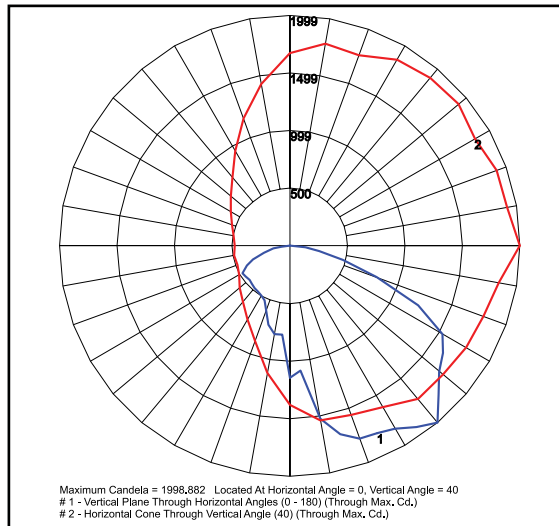
Data shown for 5000 CCT		Compare to MH				
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated LED Life
L70 Lumen Maintenance @ 25°C / 77°F	All wattages up to and including 86w	1.00	0.98	0.97	0.94	473,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.97	0.95	0.90	290,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.98	0.95	0.91	220,000

- NOTES:**  
 1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 525mA base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.  
 2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.

## PHOTOMETRIC DATA



CP30QF1X84U5KC - Clear Prismatic Lens



CP30QC1X65U5KC - Clear Prismatic Lens