Rev. 080118

CP20Q DuraLED 20" Gas Station Canopy

DuraGuard PRODUCTS INC® A QSSI Company

Project Information

Project Name:	Fixture Type:
Complete Catalog #:	Date:
Comments:	

The DuraGuard CP20Q gas station canopy luminaire with mounting system designed for typical canopy steel pan structures is available with an optical distribution designed to replace HID lighting systems up to 400w MH or HPS. The fixture housing is designed to emulate legacy HID canopy lights that mount through a 4″ minimum diameter cut hole in the canopy. A galvanized steel back plate is provided to allow for installation over larger holes. Driver and power connection are made in an IP66 rated powder coated die cast mounting box above the canopy. 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 with IP66 Driver Compartment.

Listing & Ratings:
CSA: Listed for Wet Locations, ANSI/UL 1598, 8750 IP66 Sealed LED Compartment.

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

Lens:
Tempered Clear Flat Glass Lens

Mounting Options:
Recessed Mount

DuraLED LED:
Aluminum Boards

L70 25°C — 169,000 Hours

Wattage:
Array: 185.9w; System: 206w (400w 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.

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

See Page 2 for Projected Lumen Maintenance Table.

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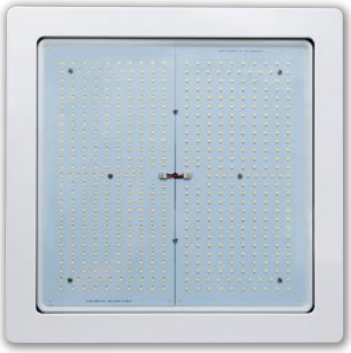

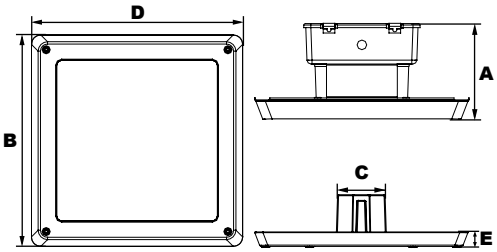

Dimensions

Width (D)	19⅞″ (505mm)	**Height 1 (A)**	7¾″ (195mm)
Length (B)	19⅞″ (505mm)	**Width (C)**	4″ (102mm)
		Height 2 (E)	1¼″ (32mm)

DuraLED Technology

Complete Units
Ordering Information
Example: CP20QF1X186U5KCWSP

CP20Q DuraLED 20" Gas Station Canopy

Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
CP20Q = DuraLED 20" Gas Station Canopy	**F**=Type V	**1X186**=186w	**U**=120-277V **H**=347-480V	**5K**=5000K	**C**=Tempered Clear Flat Glass	**W**=White **C**=Custom (Consult Factory)	**SF**=Single Fuse (120-277V Only) **DF**=Double Fuse (120-277V Only) **SP**=Surge Protection

DLC QPL LISTED

*DesignLights Consortium™ Qualified Luminaires: CP20QF1X186[U H]5KC***

C SA US

IP66

Specifications subject to change without notice.

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Rev. 060718

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Photometric Performance

				5000 CCT 80 CRI				
LED Board Watts	Drive Current (mA)	Input Watts	Optics	Lumens	LPW	B	U	G
DuraLED 186w	116	206	Type V	29,677	144	4	2	2

Projected Lumen Maintenance

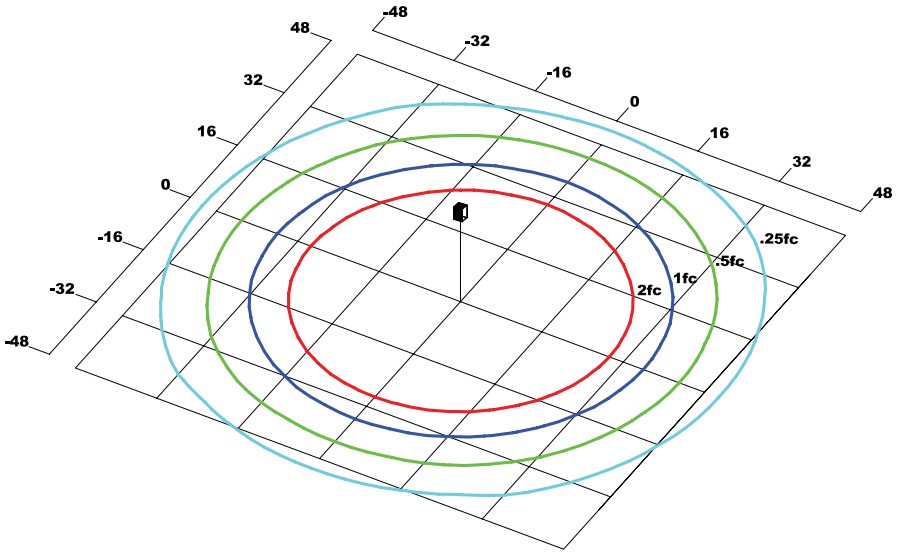
Data shown for 5000 CCT			Compare to MH			
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 25°C
L70 Lumen Maintenance @ 25°C / 77°F	206	1.00	0.96	0.91	0.82	169,000

TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C
L70 Lumen Maintenance @ 50°C / 122°F	206	1.00	0.92	0.85	0.69	98,000

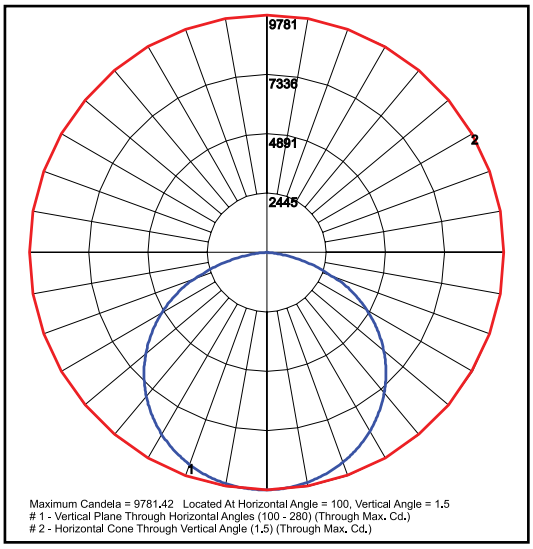
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C
L80 Lumen Maintenance @ 40°C / 104°F	206	1.00	0.93	0.87	0.73	75,000

NOTES:
1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 116mA 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



CP20QF1X186U5KC
Type V
Grid in MH
MH=16 Feet



CP20QF1X186U5KC
Type V

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