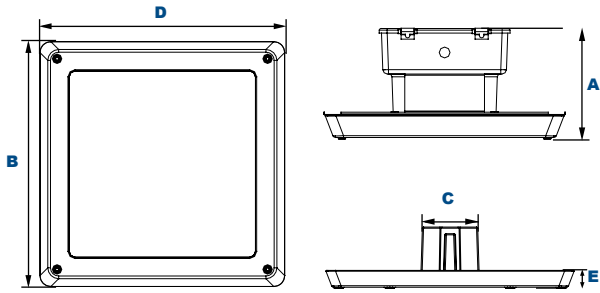


CG16

L70
25°C

187,000 Hours

EasyLED 16" Gas Station Canopy



Dimensions

Width (D)	16½" (419mm)	Height 1 (A)	7¼" (195mm)
Length (B)	16½" (419mm)	Width (C)	4" (102mm)
		Height 2 (E)	1¼" (32mm)

Order Information Example:

CG16F112U5KCWSP

Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
CG16 = EasyLED 16" Gas Station Canopy	F=Type V	112=112w	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

Project Information:

Project Name: _____ Fixture Type: _____

Complete Catalog #: _____ Date: _____

Comments: _____

The Jemm CG16 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 250w 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

EasyLED LED:

Aluminum Boards

Wattage:

Array: 111.5w; System: 127w; (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.

Warranty:

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

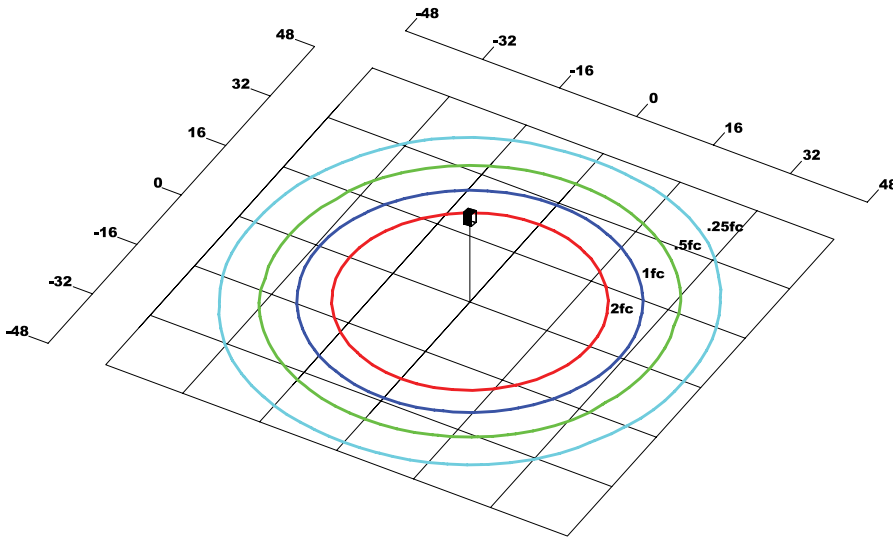
See Page 2 for Projected Lumen Maintenance Table.

Certification & Listings:

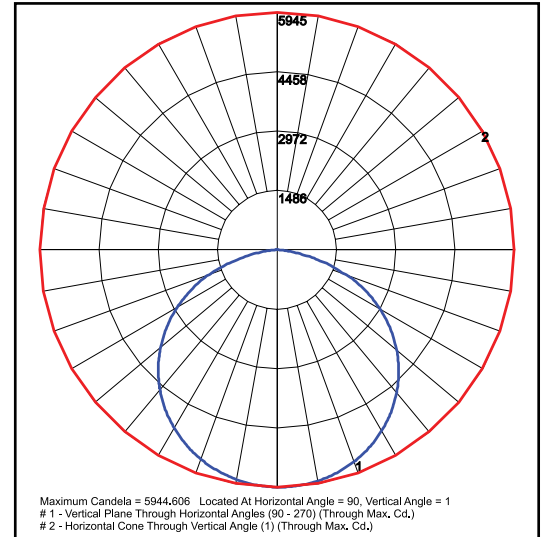


DesignLights Consortium™
Qualified Luminares:
CP16QF1X112[U H]5KC**



Photometric Data


CG16F112U5KC
Type V
Grid in MH
MH=16 Feet



CG16F112U5KC
Type V

Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI				
				Lumens	LPW	B	U	G
EasyLED 112w	116	127	Type V	17,904	141	3	2	2

Projected Lumen Maintenance

Data shown for 5000 CCT TM-21-11	Input Watts	Compare to MH				Calculated LED Life
		Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	
L70 Lumen Maintenance @ 25°C / 77°F	All wattages up to and including 127w	1.00	0.96	0.92	0.84	187,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.93	0.87	0.73	113,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.94	0.89	0.77	88,000

NOTES:

- 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.
- Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.