

# EESCP20Q

L70  
25°C

169,000 Hours

## LED 20" Gas Station Canopy

The EnviroLux 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  
IP65 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

#### LED Substrate:

Aluminum Boards

#### 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:

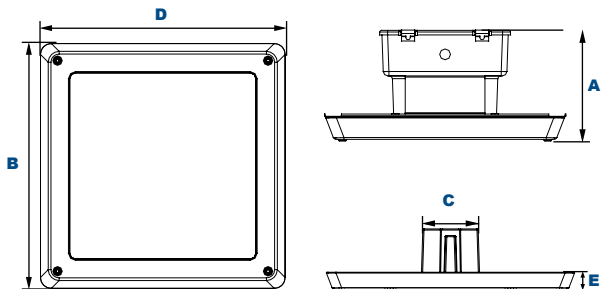
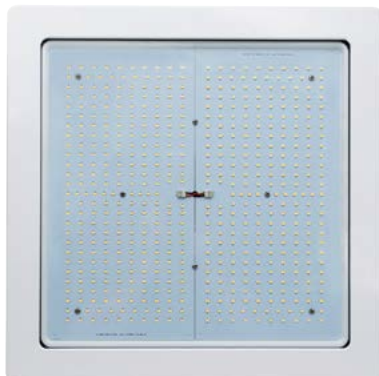
5-Year Warranty for -40°C to +50°C Environment.

LM-79 Report Available on Select Models.

See Page 2 for Projected Lumen Maintenance Table.



**ENVIROLUX**<sup>®</sup>  
ENERGY SYSTEMS



#### Dimensions

<b>Width (D)</b>	19 5/8" (505mm)	<b>Height 1 (A)</b>	7 3/4" (195mm)
<b>Length (B)</b>	19 5/8" (505mm)	<b>Width (C)</b>	4" (102mm)
		<b>Height 2 (E)</b>	1 1/4" (32mm)

#### Order Information Example:

EESCP20QF1X186U5KCWSP

EESCP20Q	F	1X186		5K	C		
Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
EESCP20Q	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 DF=Double Fuse SP=Surge Protection

#### Project Information:

Project Name: \_\_\_\_\_ Fixture Type: \_\_\_\_\_

Complete Catalog #: \_\_\_\_\_ Date: \_\_\_\_\_

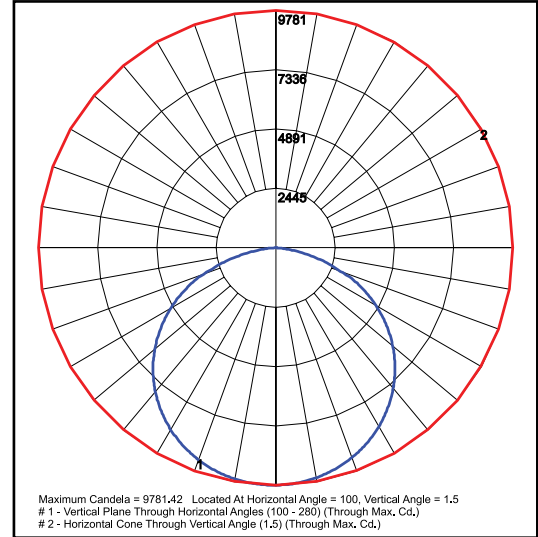
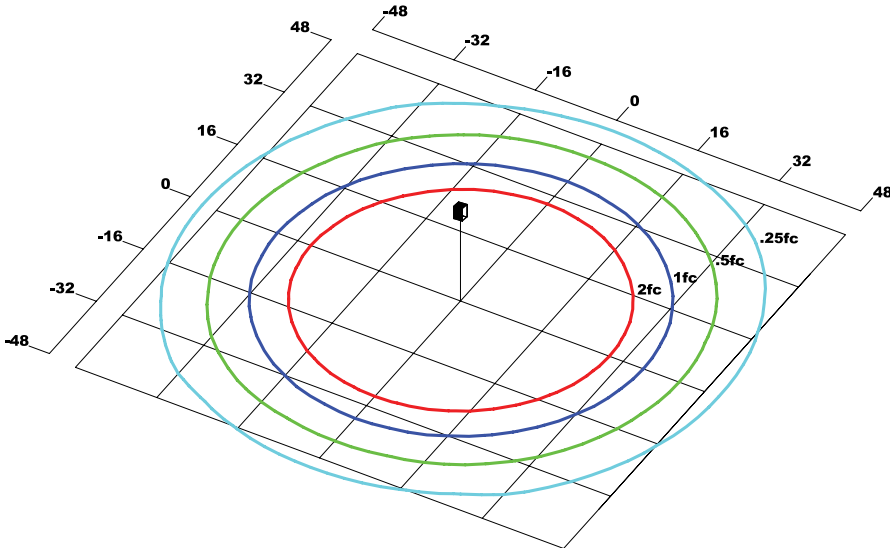
Comments: \_\_\_\_\_

#### Certification & Listings:





**Photometric Data**



**EESCP20QF1X186U**  
**5KC Type V**  
Grid in MH  
MH=16 Feet

**EESCP20QF1X186U**  
**5KC Type V**

**Photometric Performance**

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI				
				Lumens	LPW	B	U	G
<b>LED 186w</b>	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	
<b>L70 Lumen Maintenance @ 25°C / 77°F</b>	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	
<b>L70 Lumen Maintenance @ 50°C / 122°F</b>	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	
<b>L80 Lumen Maintenance @ 40°C / 104°F</b>	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.