

**R E C E S S E D   C A N O P Y**



**L70**  
25°C    **169,000 Hours**



Pemco's DMR10 Recessed Canopy/Soffit Replacement is available with an optical distribution designed to replace HID lighting systems up to 250w MH or HPS. The low profile housing is designed to replace existing recessed canopy lights up to 12" round or square, and can be used in new construction. Typical applications include covered entryways and soffits in retail centers, schools and universities, office buildings and medical facilities. Mounting heights of 12 to 16 feet can be used based on light level and uniformity requirements.

**Specifications and Features:**

**Housing:**

Die Cast Aluminum Driver Compartment with Formed Steel Plate.

**Listing & Ratings:**

CSA: Listed for Covered Locations, ANSI/UL 1598, 8750  
 IP54 Sealed LED Compartment.

**Finish:**

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

**Lens:**

Molded UV-Stabilized Acrylic Optical Lens

**Mounting Options:**

Recessed Mount

**EasyLED LED:**

Aluminum Boards

**Wattage:**

30w Array: 30w; System: 34.4w; (100w HID Equivalent)  
 37w Array: 37w; System: 42.5w; (100w HID Equivalent)  
 48w Array: 48w; System: 55w; (175w HID Equivalent)  
 65w Array: 65w; System: 74.6w; (250w HID Equivalent)

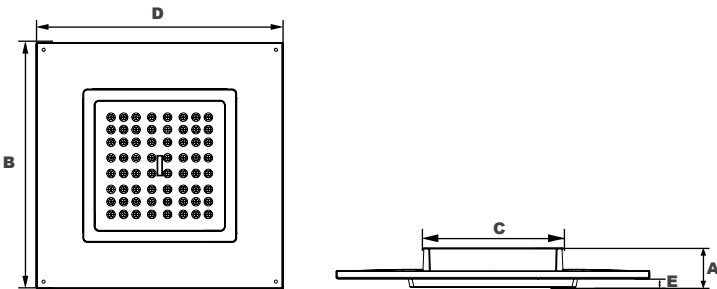
**Driver:**

Electronic Driver, 120-277V, 50/60Hz; 347V, 50/60Hz (30 & 37w Model Only); or 347-480V, 50/60Hz (30 & 37w Model Only) 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 3 for Projected Lumen Maintenance Table.



**Dimensions**

<b>Width (D)</b>	16" (406mm)	<b>Height 1 (A)</b>	2 5/8" (60mm)
<b>Length (B)</b>	16" (406mm)	<b>Width (C)</b>	8 3/4" (222mm)
		<b>Height 2 (E)</b>	5/8" (16mm)





## R E C E S S E D C A N O P Y

**Order Information Example:** **DMR10QF1X65U5KWSP**

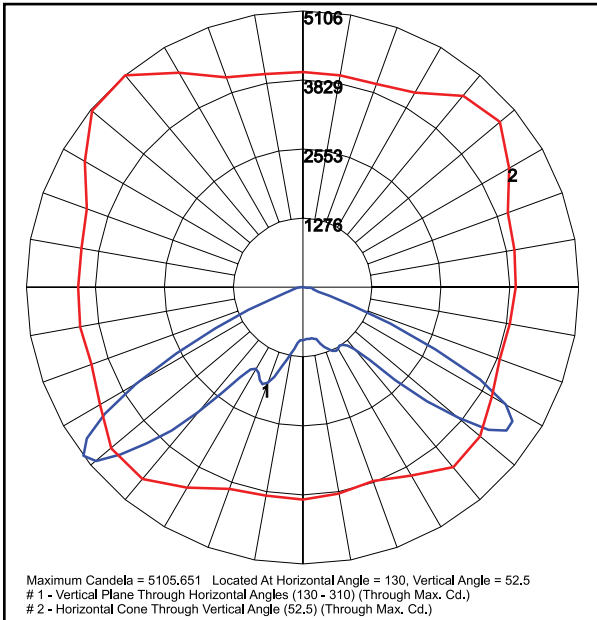
DMR10Q	F					
Model	Optics	Wattage	Driver	CCT	Color	Options
<b>DMR10Q</b> =EasyLED 16" Recessed Canopy/Soffit	F=Type V	<b>1X30</b> =30w (3K,4K Only) <b>1X37</b> =37w (4K Only) <b>1X48</b> =48w (4K, 5K Only) <b>1X65</b> =65w (4K Only)	<b>U</b> =120-277V <b>C</b> =347V* <b>H</b> =347-480V*  *30 & 37w Only	<b>3K</b> =3000K <b>4K</b> =4000K <b>5K</b> =5000K	<b>W</b> =White <b>C</b> =Custom (Consult Factory)	<b>SF</b> =Single Fuse* <b>DF</b> =Double Fuse* <b>SP</b> =Surge Protection <b>BU</b> =Battery Backup, 90 Minutes* <b>BUC</b> =Cold Start Battery Backup, -20°C, 90 Minutes*  *120-277V Models Only.

### Accessories & Replacement Parts:

#### Replacement Parts (Order Separately, Field Installed)

For Replacement Battery Backup, see the LEPG LED Battery Backup Specification Sheet.

### Photometric Data



**DMR10QF1X65U4K**  
Type V



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**Photometric Performance**

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI					4000 CCT 80 CRI					3000 CCT 80 CRI				
				Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
EasyLED 30w	525	34	Type V	-	-	-	-	-	4,776	141	2	1	1	4,590	135	2	1	1
EasyLED 37w		43		-	-	-	-	-	5,890	137	2	1	1	-	-	-	-	-
EasyLED 48w		55		7,939	144	3	1	1	7,642	139	3	1	1	-	-	-	-	-
EasyLED 65w		75		-	-	-	-	-	10,348	138	3	1	1	-	-	-	-	-

**Projected Lumen Maintenance**

Data shown for 5000 CCT TM-21-11		Compare to MH				
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 55w	1.00	0.97	0.93	0.86	219,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.96	0.91	0.82	114,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.95	0.89	0.78	93,000

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