

PLOT Series Small Full Cutoff Wall Mount



Project:	
Type:	
Catalog #:	



The PLOT cutoff wall pack luminaire is available with a choice of optical distributions designed to replace HID lighting systems up to 175w MH or HPS. Typical wall mounted lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 8 to 15 feet can be used based on light level and uniformity requirements.

Specifications and Features:

Housing:

Die Cast Hinged and Gasketed Aluminum Front Frame and Housing with 1/2" Coin Plugs. Nickel-Plated Stainless Steel Hardware. Photocell Adaptable.

Listing & Ratings:

CSA: Listed for Wet Locations, ANSI/UL 1598, 8750; IP65 Sealed LED Compartment.

Finish:

Textured Architectural Bronze Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

Lens:

Tempered Clear Flat Glass Lens

Mounting Options:

Cast-in Template for Mounting Directly Over a 4" Recessed Outlet Box, or Use 1/2" Surface Conduit.

LED:

Aluminum Boards

Wattage:

Array: 15w, System: 15.8w; (150w HID Equivalent)
Array: 21.7w, System: 23.7w; (175w 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 2kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

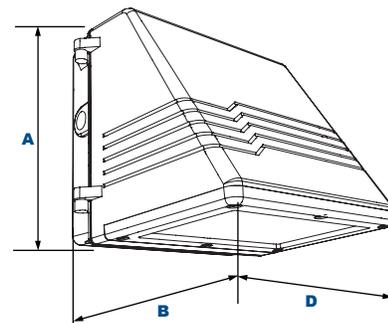


Controls:

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 LEPC 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 +40°C Environment.
See Page 2 for Projected Lumen Maintenance Table.



Dimensions	
Width (D)	8 3/4" (222mm)
Length (B)	9 1/2" (241mm)
Height (A)	8 5/8" (219mm)

Accessories & Replacement Parts:



P18110 & P18112

P18114

P18120 & P18122

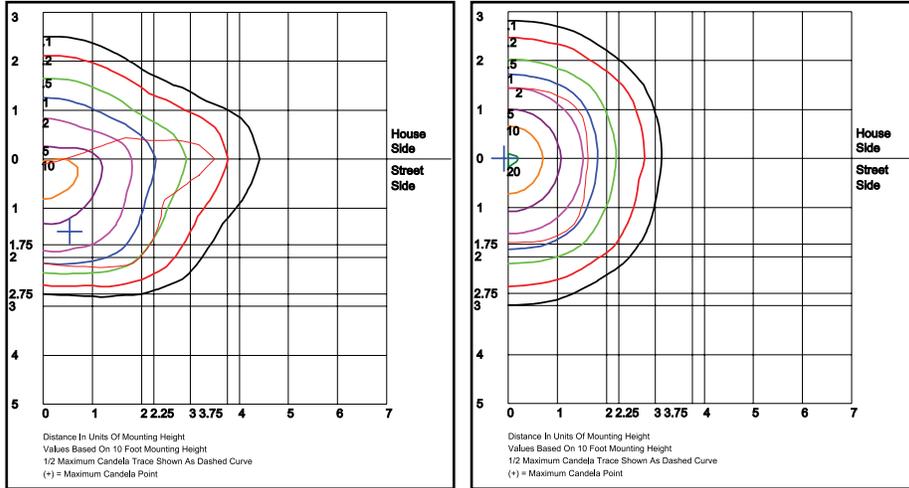
Replacement Parts (Order Separately, Field Installed)

WPTG	Tempered Clear Flat Glass Lens.
P18110	110-130V, 120VAC Pencil Photocell
P18112	208-277V, 240VAC Pencil Photocell
P18114	120-277V, 50/60Hz Pencil Photocell
P18120	110-130V, 120VAC Swivel Photocell
P18122	208-277V, 240VAC Swivel Photocell

Order Information :

Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
PLT= Small Full Cutoff Wall Pack	3=Type III 5=Type V	A=15w B=22w	LV=120-277V HV=347-480V	4K=4000K 5K=5000K	C=Clear Flat Glass Lens	Z=Bronze C=Custom (Consult Factory)	SF=Single Fuse (120-277V Only) DF=Double Fuse (120-277V Only) SP=Surge Protection P10=Pencil Photocell, 120VAC P12=Pencil Photocell, 208-277VAC P14=Pencil Photocell, 120-277VAC P20=Swivel Photocell, 120VAC P22=Swivel Photocell, 208-277VAC BU=Battery Backup, 90 Minutes

Photometric Data



Photometric Performance

Optic	CCT	Wattage (Catalog Logic)	
		15W (1X15)	22W (1X22)
		Input Watts	15.8W / 23.7W
		Delivered Lumens	
Type III	4000K	1,386	2,079
	5000K	1,444	2,166
	BUG Rating	B0-U1-G0	B1-U2-G1
Type V	4000K	1,556	2,334
	5000K	1,621	2,432
	BUG Rating	B1-U2-G0	B1-U2-G0

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 24w	1.00	0.96	0.92	0.85	196,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.93	0.86	0.73	110,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.94	0.88	0.76	84,000

NOTES:

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