

Project:	
Type:	
Catalog #:	



The Temper Series general purpose wall pack luminaire provides optically controlled wide spread light distribution designed to replace HID lighting systems from 100w to 400w 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 18 to 30 feet can be used based on light level and uniformity requirements.

**Specifications and Features:**

**Housing:**

Die Cast Aluminum Housing & Hinged Front Frame, 1/2" Coin Plugs with O-rings for Conduit & Photocell. Gasketed.

**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:**

Prismatic Clear or Prismatic Borosilicate Glass Lens

**Mounting Options:**

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

**LED:**

Aluminum Boards

**Wattage:**

Array: 29w, System: 31.6w; (100w HID Equivalent)

Array: 43w, System: 47.4w; (250w HID Equivalent)

Array: 57.8w, System: 67.3w; (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.

**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:**

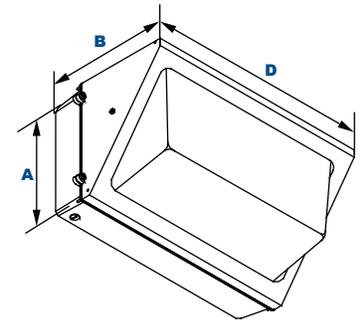
5-Year Warranty for -40°C to +40°C Environment.

See Page 2 for Projected Lumen Maintenance Table.



**Dimensions**

<b>Width (D)</b>	18 1/8" (479mm)
<b>Length (B)</b>	9 7/8" (238mm)
<b>Height (A)</b>	9" (229mm)



**Order Information Example:**

Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
TEM = Large Wall Pack	5=Type IV	29=29w 43=43w 58=58w	LV=120-277V HV=347-480V	4K=4000K 5K=5000K	(Leave Blank)= Standard Prismatic Glass Lens S=SoftLED Prismatic Glass Lens	Z=Bronze C=Custom (Consult Factory)	SF=Single Fuse (120-277V Only) DF=Double Fuse (120-277V Only) SP=Surge Protection PC1=Photocell, 120VAC PC3=Photocell, 120-277VAC P10=Pencil Photocell, 120VAC P12=Pencil Photocell, 277VAC P14=Pencil Photocell, 120-277VAC S2=Microwave Sensor with Dimming for Mounting Heights of 8 to 40'. (120-277V Only) S4=Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', (120-277V Only) BU=Battery Backup, 90 Minutes

## Accessories & Replacement Parts:



### Accessories (Order Separately, Field Installed)

WP25FCZ	Full Cutoff, Stamped Steel, Bronze Powdercoat Finish
WP25LG	Clear UV-Stabilized Polycarbonate Vandal Resistant Guard
WP25WG	Wire Guard, Stainless Steel Construction, Includes Hardware.

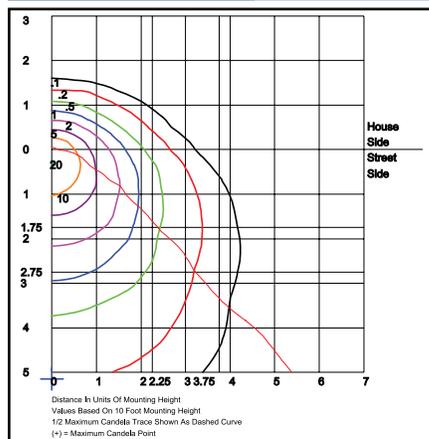
### Replacement Parts (Order Separately, Field Installed)

WP25GL	Molded Prismatic Borosilicate Glass Lens with Gasket
WP20GLSS	SoftLED Prismatic Borosilicate Glass Lens.
P18100	120VAC Photocell
P18103	120-277VAC Photocell
P18110	110-130V 120VAC Pencil Photocell
P18112	208-277V 240VAC Pencil Photocell
P18114	120-277V, 50/60Hz Pencil Photocell
P17117	Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 40'. 120-277VAC, 50/60Hz
P17123	Internally Mounted Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', 120-277VAC, 50/60Hz

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

\*Shown Mounted

## Photometric Data



Type IV  
Grid in MH  
MH=20 Feet

## Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI				4000 CCT 80 CRI					
				Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
29w	116	32	Type IV	4,399	137	1	4	3	4,223	132	1	3	3
43w		47	Type IV	6,598	140	1	4	4	6,334	135	1	4	4
58w		67	Type IV	8,797	132	1	5	5	8,445	126	1	4	5

## 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>	67	1.00	0.95	0.89	0.78	138,000
000			Compare to MH			
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>	67	1.00	0.86	0.72	0.43	53,000
TM-21-11			Compare to MH			
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>	67	1.00	0.92	0.84	0.68	62,000

### 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.

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