

## LP SERIES EDGELIT PANEL

Client:  
Project:  
Type:  
Quantity:

### CONSTRUCTION

Low profile extruded aluminum frame, all corners are rounded for safe handling. Multiple wiring entrances on driver enclosure for easy access. The backplate includes integral T-bar clips for installation into T-grid ceilings.

### OPTICS

Edgelit design provides exceptional lighting distribution. Frosted PMMA lens offers edge to edge illumination without pixilation or bright spots.

### ELECTRICAL

Long-life LEDs, coupled with a high-efficiency driver, provide superior illumination for extended service life. Greater than 70% LED lumen maintenance at 60,000 hours (L70>60,000).

Available with Selectable CCT technology allows easy field-adjustable capability, consult factory for detail.

All CCTs are within 3 MacAdam ellipses.

Driver operates at 120-277V input, 0-10V dimmable driver, down to 10%.

### MOUNTING

Designed to accommodate lay-in ceilings, Slot T, and T-bar suspension system for 5/8" and 3/8" width. Built-in earthquake clips come standard.

Surface/cable mount applications, use surface/cable kit accessories.

### STANDARD FINISH

90% minimum average reflective white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.

### CERTIFICATION

Damp location label standard.

All luminaires are built to UL1598 standards and bear appropriate cULus labels.

For Emergency application, equipment with UL924 certified battery packs.

### WARRANTY

5 year warranty, see Limited Warranty for additional information.



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| ORDER INFORMATION |                        |       | EXAMPLE : LP 120 40 WH UD |       |
|-------------------|------------------------|-------|---------------------------|-------|
| Fixture           | Series                 | Model | Finish                    | Input |
|                   | LP                     |       | WH                        | UD    |
| Mounting          | Accessories<br>Options |       |                           |       |

| A | SERIES |                        |
|---|--------|------------------------|
|   | LP     | LED Edgelit Flat Panel |

| B | MODEL |             |                               |
|---|-------|-------------|-------------------------------|
|   | Code  | Size        | Power                         |
|   | 120   | 14" x 14"   | 20W                           |
|   | 236   | 24" x 24"   | 36W                           |
|   | 450   | 24" x 48"   | 50W                           |
|   | 460   | 24" x 48"   | 60W                           |
|   | 472   | 24" x 48"   | 72W                           |
|   | CS    | Custom Spec | Consult Factory, MOQ Required |

| C | CCT |       |
|---|-----|-------|
|   | 30  | 3000K |
|   | 35  | 3500K |
|   | 40  | 4000K |
|   | 50  | 5000K |

| D | FINISH |       |
|---|--------|-------|
|   | WH     | White |

| E | INPUT |                         |
|---|-------|-------------------------|
|   | UD    | 110-277V, 0-10V Dimming |

| F | MOUNTING          |                                                                 |
|---|-------------------|-----------------------------------------------------------------|
|   | blank             | Standard lay-in                                                 |
|   | MOUNT-LP-1414-SMK | 4" Tall 14" x 14" Surface Mount Kit                             |
|   | MOUNT-LP-22-SMK   | 4" Tall 24" x 24" Surface Mount Kit                             |
|   | MOUNT-LP-24-SMK   | 4" Tall 24" x 48" Surface Mount Kit                             |
|   | MOUNT-LP-22-FGK   | 1.52" Tall 24" x 24" Flange Kit (Plaster, Sheetrock or Drywall) |
|   | MOUNT-LP-24-FGK   | 1.52" Tall 24" x 48" Flange Kit (Plaster, Sheetrock or Drywall) |
|   | MOUNT-LP-PMK      | Aircraft Cable Hanging Kit                                      |

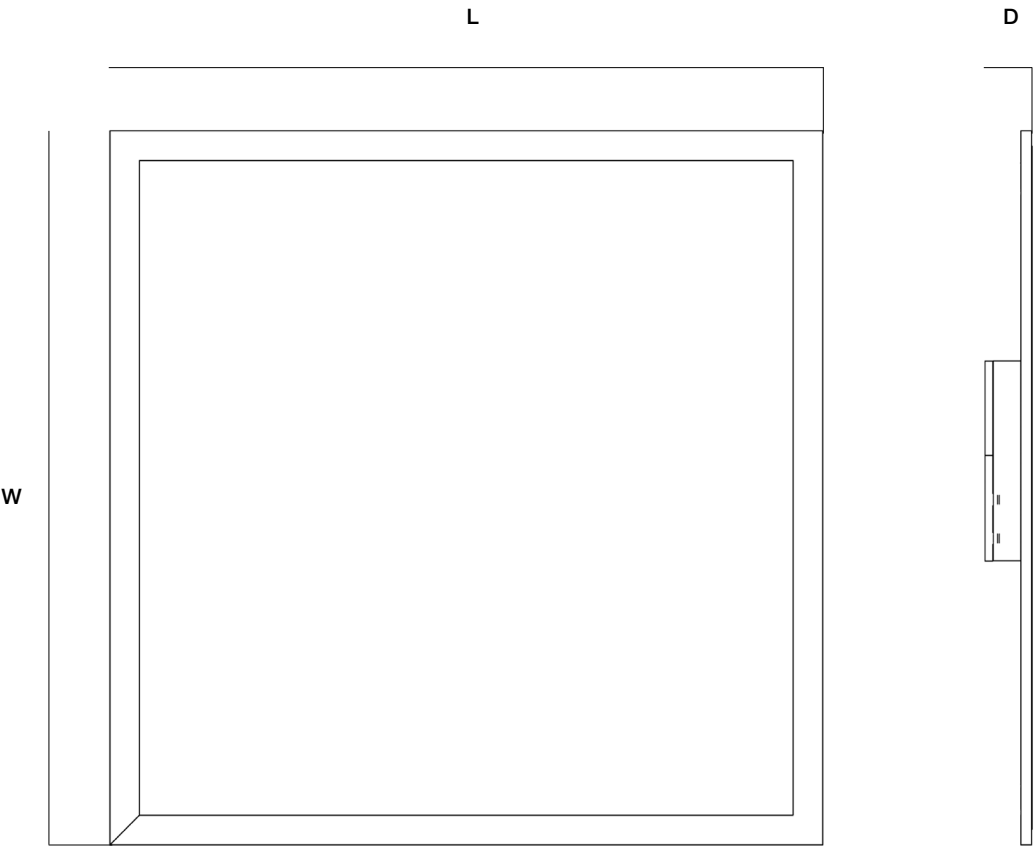
| G | ACCESSORIES/OPTIONS |                                                                                                             |
|---|---------------------|-------------------------------------------------------------------------------------------------------------|
|   | BAA                 | Assembled in America                                                                                        |
|   | EMB-H08170*         | 90-Minute Self-Diagnostic Emergency Battery 8W 100-347VAC Input 170VDC Output                               |
|   | EMB-H18170*         | 90-Minute Self-Diagnostic Emergency Battery 18W 100-347VAC Input 170VDC Output                              |
|   | -C                  | 3/8" x 6FT Steel Flex 5-18AWG Solid 6' leads BLK/WH/GRN/PUR/PNK & 3/8" Die Cast Screw-In Locknut Connectors |

\*see page 4 for spec

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DIMENSIONS

| Model             | L               | W               | D            |
|-------------------|-----------------|-----------------|--------------|
| LP120             | 14.25" (362mm)  | 14.25" (362mm)  | 1.80" (46mm) |
| LP236             | 23.70" (603mm)  | 23.70" (603mm)  | 1.80" (46mm) |
| LP450 / 460 / 472 | 23.70" (603mm)  | 47.60" (1209mm) | 1.80" (46mm) |
| Custom Spec       | Consult Factory | -               | -            |



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### PERFORMANCE DATA

| SYSTEM WATTS | SIZE            | VOLTAGE  | LUMEN | LPW |
|--------------|-----------------|----------|-------|-----|
| 20W          | 14" x 14"       | 120-277V | 2000  | 100 |
| 36W          | 24" x 24"       | 120-277V | 4700  | 130 |
| 50W          | 24" x 48"       | 120-277V | 6300  | 125 |
| 60W          | 24" x 48"       | 120-277V | 7800  | 130 |
| 72W          | 24" x 48"       | 120-277V | 9440  | 131 |
| Custom Spec  | Consult Factory | 120-277V | -     | -   |

### EMB SPEC

| Model      | Battery Capacity | Input      | Output | Output Power | Operating Temp             | Installation                   |
|------------|------------------|------------|--------|--------------|----------------------------|--------------------------------|
| EMB-H08170 | 90mins           | 100-347VAC | 170VDC | 8W           | 0°C ~ 50°C<br>32°F ~ 122°F | Factory<br>or<br>Field Install |
| EMB-H18170 | 90mins           | 100-347VAC | 170VDC | 18W          | 0°C ~ 50°C<br>32°F ~ 122°F | Factory<br>or<br>Field Install |

