

# LED Medium Wall Packs

This medium-sized LED wall pack features a traditional design, but with energy efficient performance. Die-cast aluminum housing ensures long lasting functionality. High quality polycarbonate lens guards against vandalism and environmental contamination. Can be used for applications requiring 4,450 to 6,800 lumens.



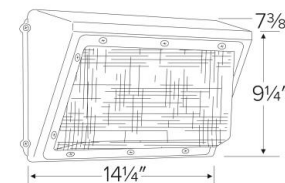
## Features

- Non-Dimmable or 0-10V Dimming.
- Die-cast Aluminum Housing, polycarbonate lens.
- Easily removed mounting knockouts and J-box pattern panel plate.
- Standard input wattage: 45W (100W Metal Halide Equivalent), 70W (150W Metal Halide Equivalent), and 90W (200W Metal Halide Equivalent).
- J-box or direct wall mount for surface conduit (back mount).
- See compatible products for all accessories.

## Specifications

|                     |          |
|---------------------|----------|
| <b>Wattage</b>      | 70W      |
| <b>Lumens</b>       | 8100 lm  |
| <b>Voltage</b>      | 120/277V |
| <b>Color Temp.</b>  | 5000K    |
| <b>Dimmable</b>     | 0-10V    |
| <b>Lamp Type</b>    | LED      |
| <b>CRI</b>          | 80+      |
| <b>Power Factor</b> | > 0.9    |
| <b>Wet Location</b> | Listed   |

## Dimensions



## Technical Details

- Lamp:** SMD LED, CRI 80+
- Optics:** Shatterproof polycarbonate lens.
- Construction:** Die-cast aluminum housing with dark bronze powder coated finish. Impact and corrosion resistant.
- Installation:** 3/4" knockout points on the side and top for surface conduit supply or photocell connection. Hinges for easy installation.
- Electrical:** Constant current 120/277V AC Class 2 Driver with a power factor > 0.9. Ambient operating temperature: -40°F (-40°C) to 113°F (45°C).
- Dimmability (Optional):** Works with 0-10V type dimmers. For full list of dimmers, refer to the dimmer compatibility list.
- Listings:** cUL listed for wet location. DLC listed. LM-80 certified. IP65 rated.
- Warranty:** ELCO Lighting warrants products will be free from defects in materials and workmanship for a period of 5 years.

## Product Number

| Item            | Lamp type | Lumens  | CCT   | Watts | Voltage  | Dimming | Finish      |
|-----------------|-----------|---------|-------|-------|----------|---------|-------------|
| <b>EW70M50D</b> | LED       | 8100 lm | 5000K | 70W   | 120/277V | 0-10V   | Dark Bronze |

Product Number Builder    Example: EWP45M50

Medium LED Wall Pack

Wattage

Size

Color Temp

Optional

EWP

45 45W  
70 70W

M Medium

40 4000K  
50 5000K

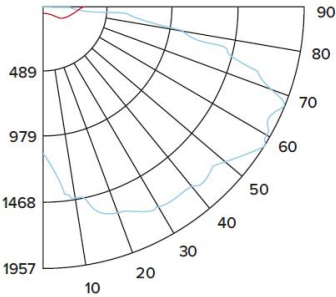
Non-Dimmable  
D Dimmable

LED Medium Wall Packs

Multiplier: 5000K (x 1.04)

PHOTOMETRIC REPORT

Product #: EWP45M40  
Wattage/Lumens: 47.3W/ 4424 Lm  
Luminaire LPW: 94 Lm/W



CANDLE POWER SUMMARY

| Degrees Vertical | 0°   |
|------------------|------|
| 0                | 1080 |
| 5                | 1063 |
| 15               | 1006 |
| 25               | 942  |
| 35               | 855  |
| 45               | 709  |
| 55               | 529  |
| 65               | 328  |
| 75               | 180  |
| 85               | 68   |
| 90               | 38   |

ILLUMINANCE AT A DISTANCE

| Distance to Target Plane | Footcandles Beam Center | Beam Diameter |
|--------------------------|-------------------------|---------------|
| 4'                       | 67.5                    | 14.1'         |
| 6'                       | 30.0                    | 21.1'         |
| 8'                       | 16.9                    | 28.1'         |
| 10'                      | 10.8                    | 35.1'         |

ZONAL LUMEN SUMMARY

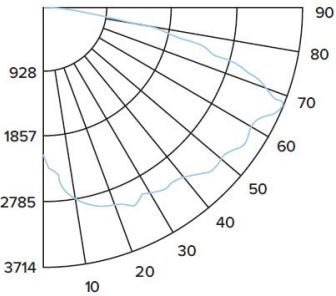
| Zone  | Lumens  | % Luminaire |
|-------|---------|-------------|
| 0-30° | 871.75  | 19.70       |
| 0-40° | 1471.44 | 33.30       |
| 0-60° | 2897.17 | 65.50       |
| 0-90° | 4339.64 | 98.10       |

LED Medium Wall Packs

Multiplier: 5000K (x 1.04)

PHOTOMETRIC REPORT

Product #: EWP70M40  
Wattage/Lumens: 69.9W/ 7950 Lm  
Luminaire LPW: 114 Lm/W



CANDLE POWER SUMMARY

| Degrees Vertical | 0°   |
|------------------|------|
| 0                | 2087 |
| 5                | 2100 |
| 15               | 1988 |
| 25               | 1911 |
| 35               | 1712 |
| 45               | 1465 |
| 55               | 1114 |
| 65               | 735  |
| 75               | 361  |
| 85               | 128  |
| 90               | 66   |

ILLUMINANCE AT A DISTANCE

| Distance to Target Plane | Footcandles Beam Center | Beam Diameter |
|--------------------------|-------------------------|---------------|
| 4'                       | 130                     | 11.4'         |
| 6'                       | 58.0                    | 17.0'         |
| 8'                       | 32.6                    | 22.7'         |
| 10'                      | 20.9                    | 28.4'         |

ZONAL LUMEN SUMMARY

| Zone  | Lumens  | % Luminaire |
|-------|---------|-------------|
| 0-30° | 1644.74 | 20.70       |
| 0-40° | 2748.48 | 34.60       |
| 0-60° | 5326.25 | 67.00       |
| 0-90° | 7837.08 | 98.60       |



**ELCO Lighting**

# Dimmer Compatibility Chart

## LED Medium Wall Packs

EWP45M40D/45M50D

EWP70M40D/70M50D

### For Reference Only

Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards. Consult the dimmer manufacturer prior to installation to ensure compatibility.

| Manufacturer                | Product                                                                                          | Part Number | Dimmed Light Output Range |
|-----------------------------|--------------------------------------------------------------------------------------------------|-------------|---------------------------|
| <b>0 – 10V Type Dimmers</b> |                                                                                                  |             |                           |
| Lutron                      | Diva® (Gloss) Single Pole. Must be used with power pack model PP-DV (120-277V) or PP-347H (347V) | DVTV        | 10% - 100%                |
|                             | Nova® Single Pole. Must be used with power pack model PP-DV (120-277V), or PP-347H (347V)        | NFTV        | 10% - 100%                |
| Leviton                     | IllumaTech Single Pole/3-Way Preset 0-10VDC Slide Dimmer                                         | IP710-DL    | 10% - 100%                |

\*NOTE: Refer to dimmer manufacturer's documentation for installation instructions and circuit details

Disclaimer: Minimum and maximum loads for LEDs and CFLs are given in number of lamps and may vary depending on the lamp being used. Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards.