

## OVERVIEW

High-quality outdoor area light, adjustable through ninety degrees to optimize lighting pattern required. The optional factory-installed Sigtex Emergency Lighting Control option ensures full emergency code compliance at the lowest possible cost.

PROJECT:

TYPE:

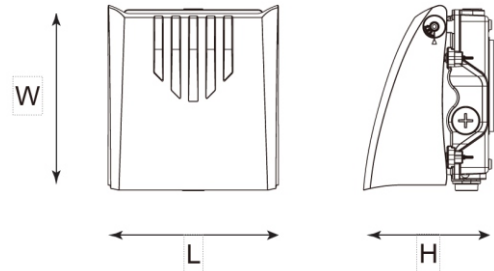
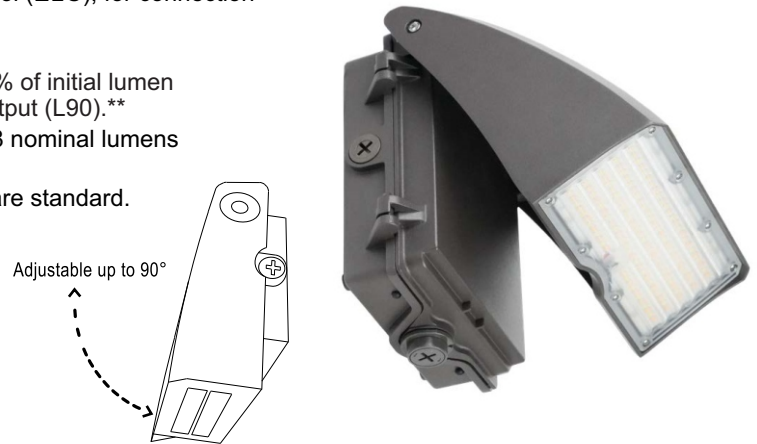
CATALOG #:

## SPECIAL FEATURES

- **Emergency lighting with adjustable Emergency Lighting Control (ELC), powered from a Sigtex low-voltage central battery system.**
- Available with factory-installed UL Listed Emergency Lighting Control (ELC), for connection to a Sigtex central battery, DC emergency power system.
- Field Selectable 3000k, 4000k and 5000k color temperatures.
- Long-life LEDs provide 167,000 hours of operation with at least 70% of initial lumen output (L70), and 51,000 hours with at least 90% of initial lumen output (L90).<sup>\*\*</sup>
- Provides a range of 2,739 to 11,875 nominal lumens and 113 to 118 nominal lumens per watt (lm/W).
- 0-10vdc dimming drivers, which provide 10% continuous dimming are standard.
- Universal 120-277 AC voltage (50-60Hz) is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index (Ra) > 80. Red color rendering > 16.
- Cast aluminum housing with dark bronze, powder coat finish
- Polycarbonate lens.
- Two ½" NPT threaded openings.
- Easy installation in new construction or retrofit applications.
- Adjustable housing up to 90°.

\* Default kelvin temperature 4000k and highest lumen output.

\*\* L70 & L90 hours are IES TM-21-11 calculated hours.



## DIMENSIONS

| Model#  | L (in) | W (in) | H (in) | Weight (lbs) |
|---------|--------|--------|--------|--------------|
| WPA-6L  | 7.72   | 8.37   | 5.8    | 3.73         |
| WPA-12L | 7.72   | 8.37   | 5.8    | 3.85         |

## WARRANTY & LISTINGS

- cULus listed for wet locations in ambient temperatures from -40°C to 50°C (-40°F to 122°F)
- IP65 rated for ingress protection.
- DLC Premium approved.
- Complies with FCC Part 15, class B.
- Surge immunity protection (4kV).
- Complies with RoHS requirements.
- View Sigtex [Warranty](#) for further details

## STANDARD



## OPTIONS



## FIXTURE ORDERING INFORMATION EXAMPLE: WPA-12L-SLSK-MV-ELC40P7

WPA

12L

SL

SK

MV

ELC40P7

| SERIES | SIZE        | SELECTABLE <sup>2</sup>                   |                            | VOLTAGE       | OPTIONS                                                                                                                                          |
|--------|-------------|-------------------------------------------|----------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
|        |             | NOMINAL LUMENS                            | COLOR TEMP                 |               |                                                                                                                                                  |
| WPA    | 6L 6,000L   | SL 3000lm<br>4000lm<br>5000lm<br>6000lm   | SK 3000K<br>4000K<br>5000K | MV 120-277VAC | ELCXXP7 <sup>1</sup> Emergency Lighting Control<br><br>**XX"= VARIES WITH FIXTURE SIZE AND POWER.<br>SEE OPTIONS TABLE FOR COMPLETE PART NUMBER. |
|        | 12L 12,000L | SL 6000lm<br>8000lm<br>10000lm<br>12000lm |                            |               |                                                                                                                                                  |

## EMERGENCY LIGHTING CONTROLS (ELC)

For use with Signtex Lighting DC Central Battery System

| ELC10P7                             |                        | ELC40P7                             |           |
|-------------------------------------|------------------------|-------------------------------------|-----------|
| EPR <sup>1</sup><br>WATTS<br>(MIN.) | EM LUMENS <sup>2</sup> | EPR<br>WATTS<br>(MAX.) <sup>3</sup> | EM LUMENS |
| 10                                  | 1160                   | 40                                  | 3720      |

<sup>1</sup> EMERGENCY POWER RATING (FACTORY ADJUSTABLE)

<sup>2</sup> NOMINAL OUTPUT AT 4000K

<sup>3</sup> MAX. EPR DEPENDS ON FIXTURE DRIVER MAX. OPERATING VOLTAGE

### NOTE:

Emergency lumens are calculated based on efficacy in the MID-LUMEN range (4000K) from the Electrical Data Table. The value is adjustable through the EPR range shown above. For maximum efficiency, EPR should be set at the minimum level for compliance with NFPA Life Safety Code, based on photometric data for the fixture when installed.

To calculate lumen output within the EPR range given:

**Lumens = EPR (watts) x Luminaire Efficacy (Lm/watt)**

## ACCESSORIES (ORDER SEPARATELY)

### Sensor

HD07VR-PHF-1 = Passive infrared sensor - maximum mounting height = 39 FT

HD07VR-MHF-1 = Microwave step-dimming sensor - maximum mounting height = 49 FT

HD05R = Remote control for HD07VR and HD09VR series Sensors (required to change factory settings)

Factory settings for Sensor : detection area =100%, hold time = 5 sec, stand-by period = 0 sec, stand-by dimming level = 10%, daylight threshold = disabled

## COMPATIBLE DIMMERS AND CONTROLS

| Manufacturer  | Model Number | Dimmer Range | Load Switching Capacity |
|---------------|--------------|--------------|-------------------------|
| Best Lighting | DWS-010V-T   | 10%-100%     | 600W                    |
| Best Lighting | DWS-010V-D   | 10%-100%     | 600W                    |
| Leviton       | IP710-LFZ    | 10%-100%     | 1200W                   |
| Lutron        | DVSTV        | 10%-100%     | 450W                    |

## LUMEN TABLES

| Series | Measurements | 18W    |        |        | 25W    |        |        | 30W    |        |        | 40W    |        |        |
|--------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|        |              | 3000K  | 4000K  | 5000K  | 3000K  | 4000K  | 5000K  | 3000K  | 4000K  | 5000K  | 3000K  | 4000K  | 5000K  |
| WPA-6L | Lumens       | 2,739  | 2,806  | 2,833  | 3,769  | 3,909  | 3,899  | 4,629  | 4,837  | 4,789  | 5,683  | 6,002  | 5,885  |
|        | Watts        | 18.65  | 18.3   | 18.56  | 25.99  | 25.38  | 25.87  | 32.43  | 31.44  | 32.15  | 40.85  | 39.45  | 40.48  |
|        | Efficacy     | 146.86 | 153.33 | 152.64 | 145.02 | 154.02 | 150.72 | 142.74 | 153.85 | 148.96 | 139.12 | 152.14 | 145.38 |

| Series  | Measurements | 40W    |        |        | 50W    |        |        | 60W    |        |        | 80W    |        |        |
|---------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|         |              | 3000K  | 4000K  | 5000K  | 3000K  | 4000K  | 5000K  | 3000K  | 4000K  | 5000K  | 3000K  | 4000K  | 5000K  |
| WPA-12L | Lumens       | 6,402  | 6,693  | 6,606  | 7,772  | 8,213  | 8,041  | 9,008  | 9,589  | 9,325  | 10,891 | 11,875 | 11,417 |
|         | Watts        | 42.62  | 41.54  | 42.29  | 53.07  | 51.62  | 52.63  | 63.16  | 61.18  | 62.58  | 81.07  | 77.94  | 80.17  |
|         | Efficacy     | 150.21 | 161.12 | 156.21 | 146.45 | 159.10 | 152.78 | 142.62 | 156.73 | 149.01 | 134.34 | 152.36 | 142.41 |

## ELECTRICAL DATA

| Series | CCT   | Input Amps (A) |      |      |      |      |      |      |      |      |      |      |      |
|--------|-------|----------------|------|------|------|------|------|------|------|------|------|------|------|
|        |       | 18W            |      |      | 25W  |      |      | 30W  |      |      | 40W  |      |      |
|        |       | 120V           | 240V | 277V | 120V | 240V | 277V | 120V | 240V | 277V | 120V | 240V | 277V |
| WPA-6L | 3000K | 0.16           | 0.08 | 0.07 | 0.22 | 0.11 | 0.09 | 0.27 | 0.14 | 0.12 | 0.34 | 0.17 | 0.15 |
|        | 4000K | 0.15           | 0.08 | 0.07 | 0.21 | 0.11 | 0.09 | 0.26 | 0.13 | 0.11 | 0.33 | 0.16 | 0.14 |
|        | 5000K | 0.15           | 0.08 | 0.07 | 0.22 | 0.11 | 0.09 | 0.27 | 0.13 | 0.12 | 0.34 | 0.17 | 0.15 |

| Series  | CCT   | Input Amps (A) |      |      |      |      |      |      |      |      |      |      |      |
|---------|-------|----------------|------|------|------|------|------|------|------|------|------|------|------|
|         |       | 40W            |      |      | 50W  |      |      | 60W  |      |      | 80W  |      |      |
|         |       | 120V           | 240V | 277V | 120V | 240V | 277V | 120V | 240V | 277V | 120V | 240V | 277V |
| WPA-12L | 3000K | 0.36           | 0.18 | 0.15 | 0.44 | 0.22 | 0.19 | 0.53 | 0.26 | 0.23 | 0.68 | 0.34 | 0.29 |
|         | 4000K | 0.35           | 0.17 | 0.15 | 0.43 | 0.22 | 0.19 | 0.51 | 0.25 | 0.22 | 0.65 | 0.32 | 0.28 |
|         | 5000K | 0.35           | 0.18 | 0.15 | 0.44 | 0.22 | 0.19 | 0.52 | 0.26 | 0.23 | 0.67 | 0.33 | 0.29 |

## PHOTOMETRIC DATA

### WPA-6L

#### Luminaire Data

|                             |                                          |
|-----------------------------|------------------------------------------|
| Description                 | Adjustable Wall Pack<br>Field Selectable |
| Total Lumens                | 6,002                                    |
| Input Wattage               | 39                                       |
| Efficacy (lm/W)             | 152                                      |
| Max. Cd.                    | 2470.8 (360H, 21V)                       |
| IES Classification          | Type II                                  |
| Longitudinal Classification | Very Short                               |

#### Zonal Lumen Summary

| Zone     | Lumens | %Fixt  |
|----------|--------|--------|
| 0-30°    | 1,727  | 28.8%  |
| 0-60°    | 5,076  | 84.6%  |
| 0-80°    | 5,959  | 99.3%  |
| 80-90°   | 43     | 0.7%*  |
| 0-90°    | 6,002  | 100.0% |
| 90-110°  | 0      | 0.0%   |
| 110-180° | 0      | 0.0%   |
| 0-180°   | 6,002  | 100.0% |

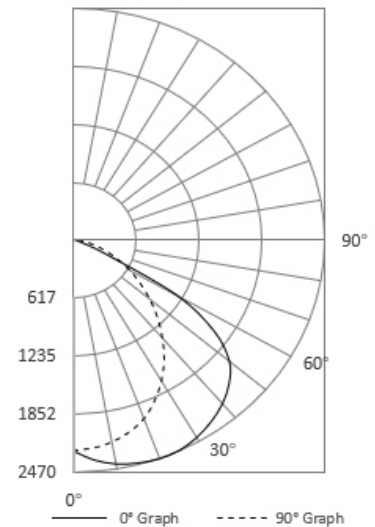
#### Luminaire Classification Systems (LCS)

| LCS Zone     | Lumens       | %Lum          |
|--------------|--------------|---------------|
| FL 0-30      | 968          | 16.1%         |
| FM 30-60     | 2,064        | 34.4%         |
| FH 60-80     | 537          | 9.0%          |
| FVH 80-90    | 9            | 0.1%          |
| BL 0-30      | 759          | 12.6%         |
| BM 30-60     | 1,285        | 21.4%         |
| BH 60-80     | 346          | 5.8%          |
| BVH 80-90    | 34           | 0.6%          |
| UL 90-100    | 0            | 0.0%          |
| UH 100-180   | 0            | 0.0%          |
| <b>Total</b> | <b>6,002</b> | <b>100.0%</b> |
| BUG Rating   | B2-U0-G1     |               |

Photometrics calculated @4000k, and  
highest lumen setting

\* 80-90° glare zone is calculated by dividing the lumens in that zone by the  
lumen total in the 0-90° zone

#### Polar Graph



### WPA-12L

#### Luminaire Data

|                             |                                          |
|-----------------------------|------------------------------------------|
| Description                 | Adjustable Wall Pack<br>Field Selectable |
| Total Lumens                | 11,875                                   |
| Input Wattage               | 78                                       |
| Efficacy (lm/W)             | 152                                      |
| Max. Cd.                    | 4830.6 (360H, 20V)                       |
| IES Classification          | Type III                                 |
| Longitudinal Classification | Very Short                               |

#### Zonal Lumen Summary

| Zone     | Lumens | %Fixt  |
|----------|--------|--------|
| 0-30°    | 3,360  | 28.3%  |
| 0-60°    | 9,924  | 83.6%  |
| 0-80°    | 11,791 | 99.3%  |
| 80-90°   | 84     | 0.7%*  |
| 0-90°    | 11,875 | 100.0% |
| 90-110°  | 0      | 0.0%   |
| 110-180° | 0      | 0.0%   |
| 0-180°   | 11,875 | 100.0% |

#### Luminaire Classification Systems (LCS)

| LCS Zone     | Lumens        | %Lum          |
|--------------|---------------|---------------|
| FL 0-30      | 1,890         | 15.9%         |
| FM 30-60     | 4,136         | 34.8%         |
| FH 60-80     | 1,268         | 10.7%         |
| FVH 80-90    | 34            | 0.3%          |
| BL 0-30      | 1,471         | 12.4%         |
| BM 30-60     | 2,427         | 20.4%         |
| BH 60-80     | 599           | 5.0%          |
| BVH 80-90    | 51            | 0.4%          |
| UL 90-100    | 0             | 0.0%          |
| UH 100-180   | 0             | 0.0%          |
| <b>Total</b> | <b>11,875</b> | <b>100.0%</b> |
| BUG Rating   | B3-U0-G2      |               |

Photometric calculated at 4000k, and  
highest lumen output

\* 80-90° glare zone is calculated by dividing the lumens in that zone by the  
lumen total in the 0-90° zone

#### Polar Graph

