

|            |  |
|------------|--|
| Project:   |  |
| Type:      |  |
| Catalog #: |  |

### STANDARD



### FEATURES

- Field selectable 3000k (warm white), 4000k (neutral white), and 5000k (cool white) color temperatures.\*
- Long-life LEDs provide at least 70% of initial lumen output ( $L_{70}$ ) for  $\geq 136,000$  hours of operation, and at least 90% of initial lumen output ( $L_{90}$ ) for  $\geq 41,000$  hours of operation.\*
- LED chromaticity based on  $\leq 5$ -step ANSI quadrangles.
- LED color maintenance  $\leq 0.003$  chromaticity shift ( $\Delta u'v'$ ) over the initial 6,000 hours of operation.
- Provides a range of 5,200 to 16,800 nominal lumens and 130 to 161 nominal lumens per watt (lm/W).
- 0-10vdc dimming drivers are standard.
- Universal 120-277 AC voltage (50-60Hz) is standard.
- Power factor  $> 0.90$ .
- Total harmonic distortion  $< 20\%$ .
- Color rendering index ( $R_a$ )  $> 80$ .
- Cast aluminum housing with dark bronze, powder coat finish.
- Polycarbonate lens.
- Three  $\frac{1}{2}$ " NPT threaded openings.
- Easy installation in new construction or retrofit applications.

\* Contact factory for other color temperatures and lumen packages.

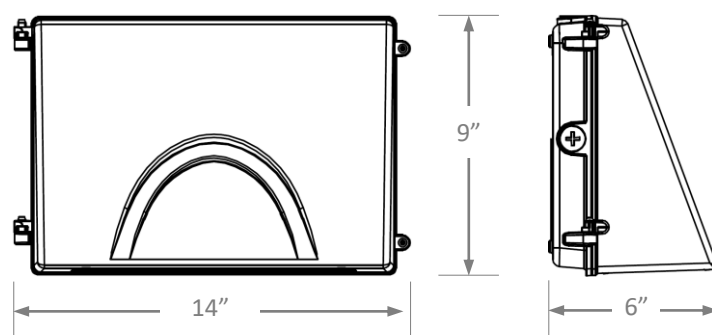
\*\*  $L_{70}$  &  $L_{90}$  hours are IES TM-21-11 calculated hours.



### WARRANTY & LISTINGS

- cULus listed for wet locations in ambient temperatures from  $-40^{\circ}\text{C}$  to  $45^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$  to  $113^{\circ}\text{F}$ ).
- IP65 rated for ingress protection.
- DLC premium approved.
- Complies with FCC Part 15, class B.
- Surge protection = 4kV.
- 5-year warranty of all electronics and housing.

### DIMENSIONS



Weight: 8L = 5 lbs / 15L = 5 lbs

### ORDERING INFORMATION

Example: WPFC-15L-LKFS-P

| Series | Nominal Lumen Output |               | Select | Photocell |                  |
|--------|----------------------|---------------|--------|-----------|------------------|
| WPFC   | 8L                   | 8,000 lumens  | LKFS   | B         | Button photocell |
|        | 15L                  | 15,000 lumens |        | P         | Pencil photocell |
|        |                      |               |        | Blank     | No photocell     |

### ELECTRICAL DATA

| Series       | Measurements      | Low Lumens   |              |              | Mid Lumens   |              |              | High Lumens  |              |              |
|--------------|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|              |                   | 3000K        | 4000K        | 5000K        | 3000K        | 4000K        | 5000K        | 3000K        | 4000K        | 5000K        |
| WPFC-8L-LKFS | Lumens            | 5251         | 5526         | 5722         | 6659         | 7048         | 7198         | 7877         | 8682         | 8552         |
|              | Watts             | 36           | 35           | 36           | 48           | 46           | 48           | 59           | 57           | 59           |
|              | Efficacy          | 145          | 161          | 158          | 139          | 156          | 151          | 133          | 152          | 144          |
|              | Input Current (A) | 120V = 0.30A | 120V = 0.29A | 120V = 0.30A | 120V = 0.40A | 120V = 0.38A | 120V = 0.40A | 120V = 0.49A | 120V = 0.48A | 120V = 0.49A |
|              |                   | 240V = 0.15A | 240V = 0.15A | 240V = 0.15A | 240V = 0.20A | 240V = 0.19A | 240V = 0.20A | 240V = 0.25A | 240V = 0.24A | 240V = 0.25A |
|              |                   | 277V = 0.13A | 277V = 0.13A | 277V = 0.13A | 277V = 0.17A | 277V = 0.17A | 277V = 0.17A | 277V = 0.21A | 277V = 0.21A | 277V = 0.21A |

| Series        | Measurements      | Low Lumens   |              |              | Mid Lumens   |              |              | High Lumens  |              |              |
|---------------|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|               |                   | 3000K        | 4000K        | 5000K        | 3000K        | 4000K        | 5000K        | 3000K        | 4000K        | 5000K        |
| WPFC-15L-LKFS | Lumens            | 10,352       | 10,987       | 11,227       | 12,850       | 13,760       | 13,916       | 15,065       | 16,848       | 16,374       |
|               | Watts             | 72           | 71           | 72           | 94           | 92           | 94           | 116          | 113          | 116          |
|               | Efficacy          | 143          | 159          | 155          | 136          | 154          | 148          | 130          | 149          | 141          |
|               | Input Current (A) | 120V = 0.60A | 120V = 0.59A | 120V = 0.60A | 120V = 0.78A | 120V = 0.77A | 120V = 0.78A | 120V = 0.97A | 120V = 0.94A | 120V = 0.97A |
|               |                   | 240V = 0.30A | 240V = 0.30A | 240V = 0.30A | 240V = 0.39A | 240V = 0.38A | 240V = 0.39A | 240V = 0.48A | 240V = 0.47A | 240V = 0.48A |
|               |                   | 277V = 0.26A | 277V = 0.26A | 277V = 0.26A | 277V = 0.34A | 277V = 0.33A | 277V = 0.34A | 277V = 0.42A | 277V = 0.41A | 277V = 0.42A |

## PHOTOMETRIC DATA

### WPFC-8L-LKFS

#### Luminaire Data

|                             |                                        |
|-----------------------------|----------------------------------------|
| Description                 | Full Cut Off Wall Pack<br>8L 5K - LKFS |
| Total Lumens                | 8,552                                  |
| Input Wattage               | 59                                     |
| Efficacy (lm/W)             | 145                                    |
| Max. Cd.                    | 4088.23 (360H, 29V)                    |
| IES Classification          | Type II                                |
| Longitudinal Classification | Very Short                             |

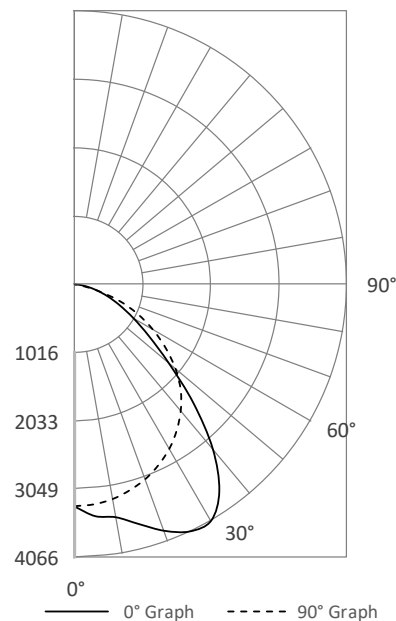
#### Zonal Lumen Summary

| Zone     | Lumens | %Fixt  |
|----------|--------|--------|
| 0-30°    | 2,710  | 31.7%  |
| 0-60°    | 7,458  | 87.2%  |
| 0-80°    | 8,493  | 99.3%  |
| 80-90°   | 59     | 0.7%*  |
| 0-90°    | 8,552  | 100.0% |
| 90-110°  | 0      | 0.0%   |
| 110-180° | 0      | 0.0%   |
| 0-180°   | 8,552  | 100.0% |

#### Luminaire Classification Systems (LCS)

| LCS Zone   |         | Lumens   | %Lum   |
|------------|---------|----------|--------|
| FL         | 0-30    | 1,491    | 17.4%  |
| FM         | 30-60   | 2,912    | 34.1%  |
| FH         | 60-80   | 775      | 9.1%   |
| FVH        | 80-90   | 49       | 0.6%   |
| BL         | 0-30    | 1,219    | 14.2%  |
| BM         | 30-60   | 1,836    | 21.5%  |
| BH         | 60-80   | 260      | 3.0%   |
| BVH        | 80-90   | 11       | 0.1%   |
| UL         | 90-100  | 0        | 0.0%   |
| UH         | 100-180 | 0        | 0.0%   |
| Total      |         | 8,552    | 100.0% |
| BUG Rating |         | B3-U0-G1 |        |

#### 180° Polar Graph



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

### WPFC-15L-LKFS

#### Luminaire Data

|                             |                                         |
|-----------------------------|-----------------------------------------|
| Description                 | Full Cut Off Wall Pack<br>15L 5K - LKFS |
| Total Lumens                | 16,374                                  |
| Input Wattage               | 116                                     |
| Efficacy (lm/W)             | 141                                     |
| Max. Cd.                    | 7769.7 (360H, 29V)                      |
| IES Classification          | Type II                                 |
| Longitudinal Classification | Very Short                              |

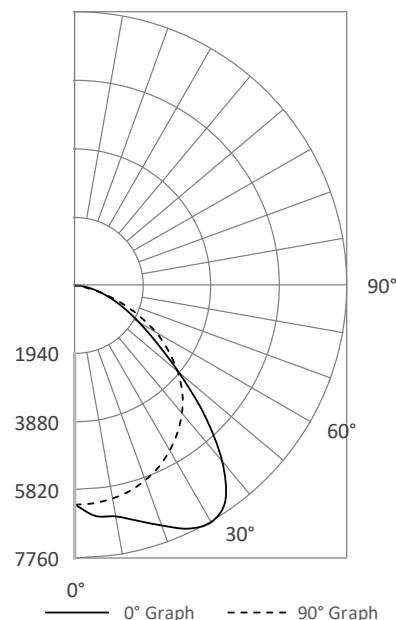
#### Zonal Lumen Summary

| Zone     | Lumens | %Fixt  |
|----------|--------|--------|
| 0-30°    | 5,099  | 31.1%  |
| 0-60°    | 14,192 | 86.7%  |
| 0-80°    | 16,244 | 99.2%  |
| 80-90°   | 130    | 0.8%*  |
| 0-90°    | 16,374 | 100.0% |
| 90-110°  | 0      | 0.0%   |
| 110-180° | 0      | 0.0%   |
| 0-180°   | 16,374 | 100.0% |

#### Luminaire Classification Systems (LCS)

| LCS Zone   |         | Lumens   | %Lum  |
|------------|---------|----------|-------|
| FL         | 0-30    | 2,800    | 17.1% |
| FM         | 30-60   | 5,696    | 34.8% |
| FH         | 60-80   | 1,582    | 9.7%  |
| FVH        | 80-90   | 114      | 0.7%  |
| BL         | 0-30    | 2,299    | 14.0% |
| BM         | 30-60   | 3,398    | 20.8% |
| BH         | 60-80   | 470      | 2.9%  |
| BVH        | 80-90   | 16       | 0.1%  |
| UL         | 90-100  | 0        | 0.0%  |
| UH         | 100-180 | 0        | 0.0%  |
| Total      |         | 16,374   | 99.9% |
| BUG Rating |         | B3-U0-G2 |       |

#### 180° Polar Graph



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