# PFX-3129SR

Adjustable Wall Pack Sensor Ready

STANDARDS

## HOUSING

- Premium powder-coat, die cast aluminum, Bronze housing.

## ELECTRICAL

- Operating temperature (ambient): -40°C to 50°C (-40°F to 122°F) .
- Universal 120-277 AC voltage (50-60Hz) is standard.
- 0-10V DC dimming drivers are standard.
- Integrated photocell is standard. Photocell can be enabled or disabled by switch.
- Input transient surge protection = 6kV.
- PF > 0.9; THD < 20%.

## OPTICAL SYSTEM

- Polycarbonate lens.
- Field selectable 3000K (warm white), 4000K (neutral white) and 5000K (cool white) color temperatures.*
- WPASR-6543L-3CCT provides a range of 2,739 to 6,002 nominal lumens.*
- WPASR-121086L-3CCT provides a range of 6,402 to 11,875 nominal lumens.* 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).**
- Adjustable housing up to 90°.
- Screw in sensor ready. Occupancy sensor and remote control sold separately. Remote control required to change factory sensor settings.
- LED chromaticity based on < 6-step ANSI quadrangles.
- LED color maintenance < -0.0031 chromaticity shift (Δu'v') over the initial 6,000 hours of operation.
- Color Rendering Index > 80.

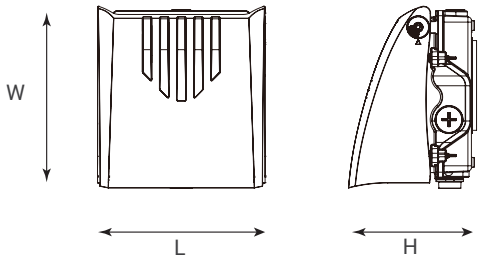
* Default kelvin temperature 4000k and highest lumen output.
** L70 & L90 hours are IES TM-21-11 calculated hours.

## CODE COMPLIANCE

- cULus listed for wet locations.
- DLC premium listed
- Complies with FCC Part 15, class A.
- IP65 rated for ingress protection.
- IK08 rated for impact protection.

## WARRANTY

- 5 year warranty on all electronics and housing.




| Model # | L (in) | W (in) | H (in) | Weight (lbs) |
|---|---|---|---|---|
| PFX-3129-WPASR-6543L-3CCT | 7.72 | 8.37 | 5.8 | 3.73 |
| PFX-3129-WPASR-121086L-3CCT | 7.72 | 8.37 | 5.8 | 3.85 |

## MOUNTING

- Wall mounting kit.

## ORDERING GUIDE

Example: PFX-3129-WPASR-6543L-3CCT

| Model | Nominal Lumen Output (selectable) | | Kelvin (selectable) | | Installed Options |
|---|---|---|---|---|---|
| PFX-3129-WPASR | 6543L | 6,000/ 5,000/ 4,000/ 3,000 lm | 3CCT | 3000/ 4000/ 5000K | EM4 4W Emergency Driver<br>EM8 8W Emergency Driver |
| | 121086L | 12,000/ 10,000/ 8,000/ 6,000 lm | | | |





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## 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 |
|---|---|---|---|
| Leviton | IP710-LFZ | 10%-100% | 1200W |
| Lutron | DVSTV | 10%-100% | 450W |

## COMPATIBLE EMERGENCY DRIVERS-INSTALLED*

| Emergency Driver Part Number | EM4 | | EM8 | |
|---|---|---|---|---|
| Model | Watts | EM Lumens | Watts | EM Lumens |
| PFX-3129-WPASR-6543L-3CCT** | 4 | 609 | - | - |
| PFX-3129-WPASR-121086L-3CCT | 4 | 609 | 8 | 1219 |

* EM Lumens based on factory setting of 4000K CC and highest power setting.
** Not available with EM8 option.





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## LUMEN TABLES

| Series | Measurements | 18W | | | 25W | | | 30W | | | 40W | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K |
| PFX-3129 WPASR-6543L-3CCT | 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 |
| PFX-3129 WPASR-121086L-3CCT | 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 |
| PFX-3129 WPASR-6543L-3CCT | 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 |
| PFX-3129 WPASR-121086L-3CCT | 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 |





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## PHOTOMETRICS

### PFX-3129-WPASR-6543L-3CCT

**Luminaire Data**

| | |
|---|---|
| Description | Adjustable Wall Pack 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**

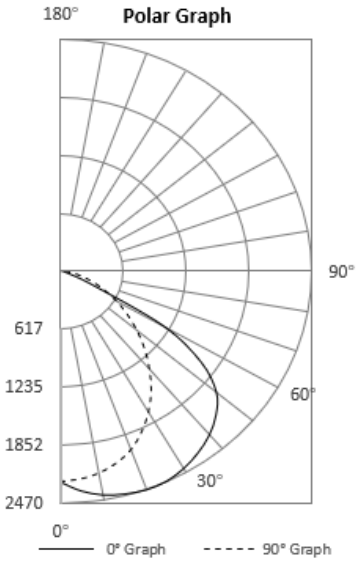
| Zone | Lumens | %Fixt |
|---|---|---|
| 0-30° | 1,727 | 28.8% |
| 0-60° | 5,076 | 84.6% |
| 0-80° | 5,959 | 99.3% |
| 80-90° | 43 | 0.7%* |
| 0-90° | 6,002 | 100.0% |
| 90-110° | 0 | 0.0% |
| 110-180° | 0 | 0.0% |
| 0-180° | 6,002 | 100.0% |

**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% |
| Total | | 6,002 | 100.0% |
| 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




### PFX-3129-WPASR-121086L-3CCT

**Luminaire Data**

| | |
|---|---|
| Description | Adjustable Wall Pack 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**

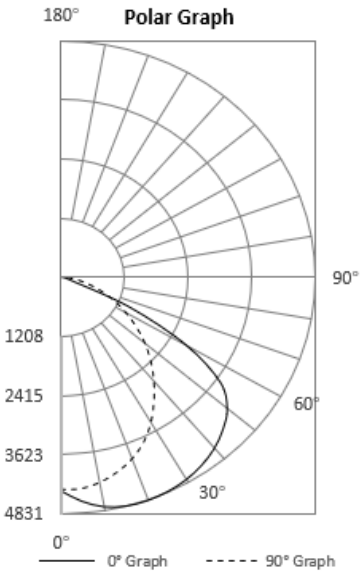
| Zone | Lumens | %Fixt |
|---|---|---|
| 0-30° | 3,360 | 28.3% |
| 0-60° | 9,924 | 83.6% |
| 0-80° | 11,791 | 99.3% |
| 80-90° | 84 | 0.7%* |
| 0-90° | 11,875 | 100.0% |
| 90-110° | 0 | 0.0% |
| 110-180° | 0 | 0.0% |
| 0-180° | 11,875 | 100.0% |

**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% |
| Total | | 11,875 | 100.0% |
| 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





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