

# 07-WPFC

590nm TRUE AMBER FULL CUTOFF WALL PACK

## HOUSING

- Bronze powder-coated die cast aluminum housing.

## ELECTRICAL

- Operating temperature (ambient): -40°C to 50°C (-40°F to 122°F).
- Universal 120-277V AC voltage (50-60Hz).
- 0-10V DC dimming driver.
- Integrated photocell is standard. Photocell can be enabled or disabled by switch.
- Input transient surge protection = 4kV.
- Power Factor > 0.90.
- Total Harmonic Distortion < 20%.

## OPTICAL SYSTEM

- Efficacy up to 91 lumens per watt.
- 590nm true amber LEDs.
- 07-WPFC-1L delivers 1,097 nominal lumens.
- 07-WPFC-2L delivers 2,030 nominal lumens.
- Long-life LEDs provide 66,528 hours of operation with at least 70% of initial lumen output (L70).\*
- LED color maintenance < 0.0018 chromaticity shift ( $\Delta u'v'$ ) over the initial 6,000 hours of operation.
- Polycarbonate lens.

## MOUNTING

- Wall mounting kit.

## CODE COMPLIANCE

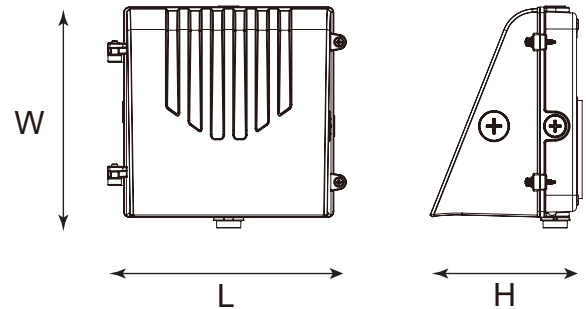
- cULus listed for wet locations.
- Complies with FCC Part 15, Class A.
- IP65 rated for ingress protection.
- IK08 rated for impact protection.
- Turtle Light standard; wildlife friendly.
- This fixture is Dark Sky Ordinance Ready when mounted at a 0° tilt. Final compliance with local dimming levels and light curfew mandates is the responsibility of the installer. Proper field configuration ensures alignment with state-level light pollution statutes.

## WARRANTY

- 5-year warranty on all electronics and housing.

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

| PROJECT   |
|-----------|
|           |
| TYPE      |
|           |
| CATALOG # |
|           |



| Model      | Size (inches) & Weight (lbs) |        |        |        |
|------------|------------------------------|--------|--------|--------|
|            | L (in)                       | W (in) | H (in) | Weight |
| 07-WPFC-1L | 10.06                        | 8.86   | 6.25   | 3.98   |
| 07-WPFC-2L |                              |        |        |        |



## PRODUCT PARAMETERS

| SERIES  | NOMINAL LUMEN OUTPUT |          |
|---------|----------------------|----------|
| 07-WPFC | 1L                   | 1,000 lm |
|         | 2L                   | 2,000 lm |



# 07-WPFCA

590nm TRUE AMBER FULL CUTOFF WALL PACK

COMPATIBLE DIMMERS & CONTROLS

| PROJECT   |
|-----------|
|           |
| TYPE      |
|           |
| CATALOG # |
|           |

| Manufacturer  | Model Number | Style  | Dimmer Range | Load Switching Capacity |
|---------------|--------------|--------|--------------|-------------------------|
| Best Lighting | DWS-010V-T   | Toggle | 10%-100%     | 600W                    |
| Best Lighting | DWS-010V-D   | Decora | 10%-100%     | 600W                    |
| Best Lighting | GPDM LV-02-3 | Toggle | 10%-100%     | 600W                    |
| Best Lighting | GPDM LV-12-3 | Decora | 10%-100%     | 600W                    |
| Leviton       | IP710-LFZ    | Toggle | 10%-100%     | 1200W                   |
| Lutron        | DVSTV        | Decora | 10%-100%     | 450W                    |

## LUMEN TABLES & ELECTRICAL DATA

| Series      | Measurements      |      | 1L         |
|-------------|-------------------|------|------------|
|             |                   |      | True Amber |
| 07-WPFCA-1L | Lumens            |      | 1,097      |
|             | Watts             |      | 12.0       |
|             | Efficacy          |      | 91         |
|             | Input Current (A) | 120V | 0.10       |
|             |                   | 240V | 0.05       |
|             |                   | 277V | 0.04       |

| Series      | Measurements      |      | 2L         |
|-------------|-------------------|------|------------|
|             |                   |      | True Amber |
| 07-WPFCA-2L | Lumens            |      | 2,030      |
|             | Watts             |      | 25.9       |
|             | Efficacy          |      | 78         |
|             | Input Current (A) | 120V | 0.22       |
|             |                   | 240V | 0.11       |
|             |                   | 277V | 0.09       |

# 07-WPFC

590nm TRUE AMBER FULL CUTOFF WALL PACK

## PHOTOMETRIC DATA

### 07-WPFC-1L

#### Luminaire Data

|                             |                                      |
|-----------------------------|--------------------------------------|
| Description                 | Full Cut Off Wall Pack<br>True Amber |
| Total Lumens                | 1,097                                |
| Input Wattage               | 12                                   |
| Efficacy (lm/W)             | 91                                   |
| Max. Cd.                    | 363.07 (360H, 52V)                   |
| IES Classification          | Type III                             |
| Longitudinal Classification | Very Short                           |

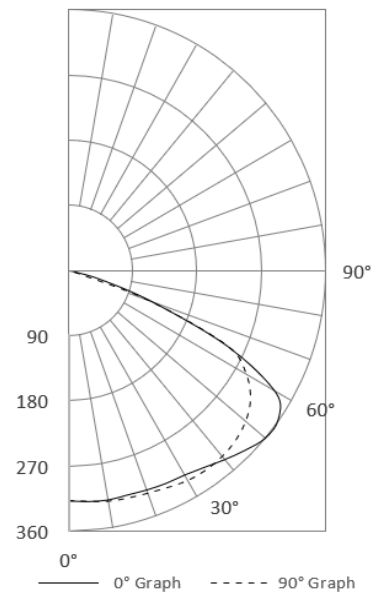
#### Zonal Lumen Summary

| Zone     | Lumens | %Fixt  |
|----------|--------|--------|
| 0-30°    | 264    | 24.1%  |
| 0-60°    | 891    | 81.2%  |
| 0-80°    | 1,094  | 99.7%  |
| 80-90°   | 3      | 0.3%*  |
| 0-90°    | 1,097  | 100.0% |
| 90-110°  | 0      | 0.0%   |
| 110-180° | 0      | 0.0%   |
| 0-180°   | 1,097  | 100.0% |

#### Luminaire Classification Systems (LCS)

| LCS Zone     | Lumens       | %Lum          |
|--------------|--------------|---------------|
| FL 0-30      | 138          | 12.6%         |
| FM 30-60     | 392          | 35.8%         |
| FH 60-80     | 162          | 14.7%         |
| FVH 80-90    | 2            | 0.2%          |
| BL 0-30      | 127          | 11.5%         |
| BM 30-60     | 234          | 21.4%         |
| BH 60-80     | 41           | 3.7%          |
| BVH 80-90    | 1            | 0.1%          |
| UL 90-100    | 0            | 0.0%          |
| UH 100-180   | 0            | 0.0%          |
| <b>Total</b> | <b>1,097</b> | <b>100.0%</b> |
| BUG Rating   | B1-U0-G0     |               |

#### 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

### 07-WPFC-2L

#### Luminaire Data

|                             |                                      |
|-----------------------------|--------------------------------------|
| Description                 | Full Cut Off Wall Pack<br>True Amber |
| Total Lumens                | 2,030                                |
| Input Wattage               | 26                                   |
| Efficacy (lm/W)             | 78                                   |
| Max. Cd.                    | 654.4 (360H, 51V)                    |
| IES Classification          | Type III                             |
| Longitudinal Classification | Very Short                           |

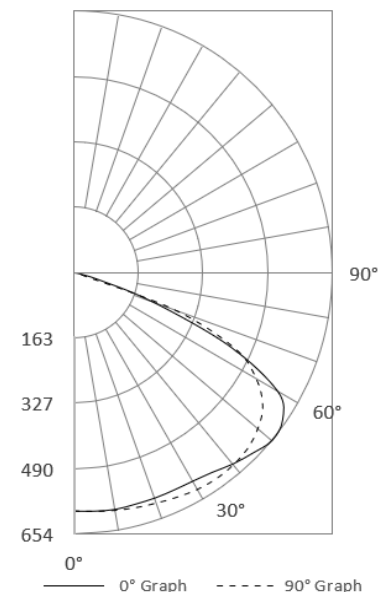
#### Zonal Lumen Summary

| Zone     | Lumens | %Fixt  |
|----------|--------|--------|
| 0-30°    | 495    | 24.4%  |
| 0-60°    | 1,657  | 81.6%  |
| 0-80°    | 2,024  | 99.7%  |
| 80-90°   | 6      | 0.3%*  |
| 0-90°    | 2,030  | 100.0% |
| 90-110°  | 0      | 0.0%   |
| 110-180° | 0      | 0.0%   |
| 0-180°   | 2,030  | 100.0% |

#### Luminaire Classification Systems (LCS)

| LCS Zone     | Lumens       | %Lum          |
|--------------|--------------|---------------|
| FL 0-30      | 257          | 12.6%         |
| FM 30-60     | 717          | 35.3%         |
| FH 60-80     | 289          | 14.2%         |
| FVH 80-90    | 4            | 0.2%          |
| BL 0-30      | 239          | 11.8%         |
| BM 30-60     | 445          | 21.9%         |
| BH 60-80     | 78           | 3.9%          |
| BVH 80-90    | 1            | 0.1%          |
| UL 90-100    | 0            | 0.0%          |
| UH 100-180   | 0            | 0.0%          |
| <b>Total</b> | <b>2,030</b> | <b>100.0%</b> |
| BUG Rating   | B1-U0-G0     |               |

#### 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