

Job Name: \_\_\_\_\_

Type: \_\_\_\_\_

Part #: \_\_\_\_\_

Notes: \_\_\_\_\_

## PWPT

### Traditional Wall Packs

#### STANDARD

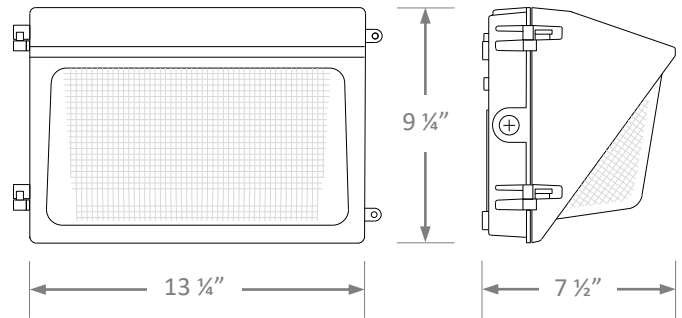


#### FEATURES

- Available in 4000k (neutral white) and 5000k (cool white) color temperatures.\*
- Long-life LEDs provide at least 70% of initial lumen output (L<sub>70</sub>) for
- 158,000 hours of operation, and at least 90% of initial lumen output (L<sub>90</sub>) for ≥ 49,000 hours of operation.\*
- LED chromaticity based on < 5-step ANSI quadrangles.
- LED color maintenance ≤ 0.002 chromaticity shift ((Δu'v')) over the initial 6,000 of operation.
- Provides a range of 6,401 to 15,738 nominal lumens and 141 to 151 nominal lumens per watt (lm/W).
- 1-10vdc 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 (R<sub>a</sub>) > 70. Red color rendering > -28.
- Cast aluminum housing with dark bronze, powder coat finish.
- Glass lens.
- Three ½" NPT threaded openings.
- Easy installation in new construction or retrofit applications.



#### DIMENSIONS

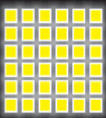


#### WARRANTY & LISTINGS

- cULus listed for wet locations in ambient temperatures from
- 20°C to 40°C (-4°F to 104°F).
- IP65 rated for ingress protection.
- DLC 5.1 premium approved.
- Complies with FCC Part 15, class A.
- Complies with IEEE C.62.41-2002, surge immunity protection (2kV).
- Complies with RoHS (Restriction on Hazardous Substances) requirements.
- 5-year warranty of all electronics and housing.

#### ORDERING INFORMATION

| Series | Nominal Lumen Output |               | Color Temperature |       |
|--------|----------------------|---------------|-------------------|-------|
| PWPT   |                      |               |                   |       |
|        | 6L                   | 6,000 lumens  | 4K                | 4000k |
|        | 8L                   | 8,000 lumens  | 5K                | 5000k |
|        | 10L                  | 10,000 lumens |                   |       |
|        | 12L                  | 12,000 lumens |                   |       |
|        | 16L                  | 16,000 lumens |                   |       |



**ELECTRICAL DATA**

| Model       | Color Temperature | CRI <sup>1</sup> | Luminaire Lumens | Luminaire Watts | Lumens/Watt | Input Voltage <sup>2</sup> | Input Current (A) |      |      | Power Factor | THD <sup>3</sup> | L <sub>70</sub> Hours <sup>4</sup> |
|-------------|-------------------|------------------|------------------|-----------------|-------------|----------------------------|-------------------|------|------|--------------|------------------|------------------------------------|
|             |                   |                  |                  |                 |             |                            | 120V              | 240V | 277V |              |                  |                                    |
| PWPT-6L-4K  | 4000k             | >70              | 6,401            | 42              | 151         | 120-277                    | 0.35              | 0.18 | 0.15 | >0.90        | <20%             | 181,000                            |
| PWPT-6L-5K  | 5000k             | >70              | 6,437            | 42              | 151         | 120-277                    | 0.35              | 0.18 | 0.15 | >0.90        | <20%             | 181,000                            |
| PWPT-8L-4K  | 4000k             | >70              | 8,264            | 56              | 147         | 120-277                    | 0.47              | 0.23 | 0.20 | >0.90        | <20%             | 173,000                            |
| PWPT-8L-5K  | 5000k             | >70              | 8,346            | 57              | 147         | 120-277                    | 0.47              | 0.24 | 0.20 | >0.90        | <20%             | 173,000                            |
| PWPT-10L-4K | 4000k             | >70              | 9,944            | 68              | 145         | 120-277                    | 0.57              | 0.29 | 0.25 | >0.90        | <20%             | 172,000                            |
| PWPT-10L-5K | 5000k             | >70              | 10,048           | 69              | 146         | 120-277                    | 0.57              | 0.29 | 0.25 | >0.90        | <20%             | 172,000                            |
| PWPT-12L-4K | 4000k             | >70              | 12,145           | 83              | 146         | 120-277                    | 0.69              | 0.35 | 0.30 | >0.90        | <20%             | 167,000                            |
| PWPT-12L-5K | 5000k             | >70              | 12,241           | 84              | 146         | 120-277                    | 0.70              | 0.35 | 0.30 | >0.90        | <20%             | 167,000                            |
| PWPT-16L-4K | 4000k             | >70              | 15,523           | 110             | 141         | 120-277                    | 0.92              | 0.46 | 0.40 | >0.90        | <20%             | 158,000                            |
| PWPT-16L-5K | 5000k             | >70              | 15,738           | 111             | 141         | 120-277                    | 0.93              | 0.46 | 0.40 | >0.90        | <20%             | 158,000                            |

<sup>1</sup> Color rendering index.

<sup>2</sup> All 50-60Hz.

<sup>3</sup> Total harmonic distortion.

<sup>4</sup> L<sub>70</sub> refers to the number of hours at which lumen output declines to 70% of the initial level. L<sub>70</sub> hours are IES TM-21-11 calculated hours.

**PHOTOMETRIC DATA**

**PWPT-6L-5K**

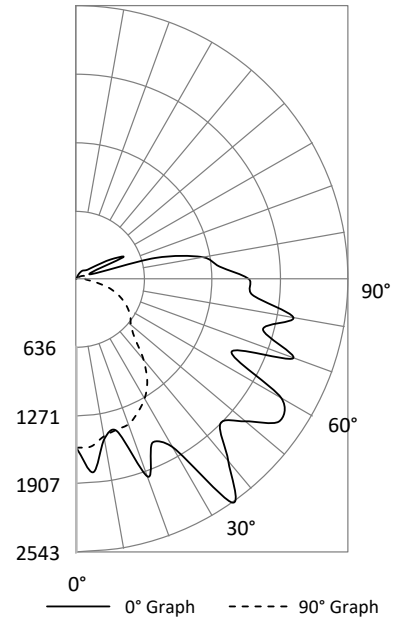
**Luminaire Data**

|                             |                            |
|-----------------------------|----------------------------|
| Description                 | Traditional Wall Pac&L, 5K |
| Total Lumens                | 6,437                      |
| Input Wattage               | 43                         |
| Efficacy (lm/W)             | 151                        |
| Max. Cd.                    | 2867.21 (360H, 53V)        |
| IES Classification          | Type IV                    |
| Longitudinal Classification | Very Short                 |

**Luminaire Classification Systems (LCS)**

| LCS Zone     |         | Lumens   | %Lum  |
|--------------|---------|----------|-------|
| <b>FL</b>    | 0-30    | 713      | 11.1% |
| <b>FM</b>    | 30-60   | 1,939    | 30.0% |
| <b>FH</b>    | 60-80   | 1,355    | 21.0% |
| <b>FVH</b>   | 80-90   | 572      | 8.9%  |
| <b>BL</b>    | 0-30    | 455      | 7.1%  |
| <b>BM</b>    | 30-60   | 411      | 6.4%  |
| <b>BH</b>    | 60-80   | 113      | 1.8%  |
| <b>BVH</b>   | 80-90   | 25       | 0.4%  |
| <b>UL</b>    | 90-100  | 452      | 7.0%  |
| <b>UH</b>    | 100-180 | 402      | 6.2%  |
| <b>Total</b> |         | 6,437    | 99.8% |
| BUG Rating   |         | B1-U3-G4 |       |

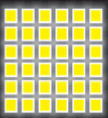
**180° Polar Graph**



**Zonal Lumen Summary**

| Zone     | Lumens | %Fixt  |
|----------|--------|--------|
| 0-30°    | 1,168  | 18.1%  |
| 0-60°    | 3,518  | 54.7%  |
| 0-80°    | 4,986  | 77.5%  |
| 80-90°   | 597    | 10.7%* |
| 0-90°    | 5,583  | 86.7%  |
| 90-110°  | 630    | 9.8%   |
| 110-180° | 0      | 0.0%   |
| 0-180°   | 6,437  | 100.0% |

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



## PHOTOMETRIC DATA

### PWPT-8L-5K

#### Luminaire Data

|                             |                                 |
|-----------------------------|---------------------------------|
| Description                 | Traditional Wall Pack<br>8L, 5K |
| Total Lumens                | 8,346                           |
| Input Wattage               | 57                              |
| Efficacy (lm/W)             | 147                             |
| Max. Cd.                    | 3699.78 (360H, 52V)             |
| IES Classification          | Type IV                         |
| Longitudinal Classification | Very Short                      |

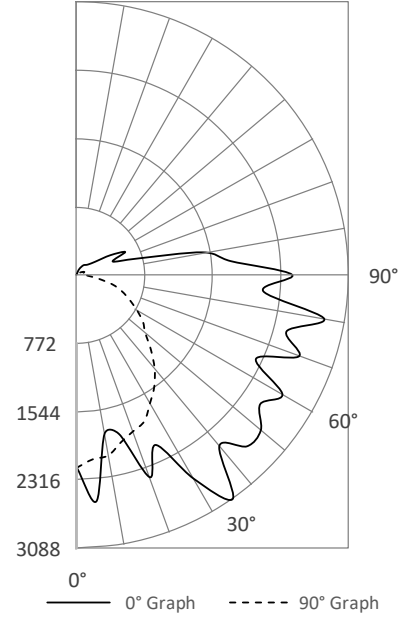
#### Zonal Lumen Summary

| Zone     | Lumens | %Fixt  |
|----------|--------|--------|
| 0-30°    | 1,529  | 18.3%  |
| 0-60°    | 4,599  | 55.1%  |
| 0-80°    | 6,503  | 77.9%  |
| 80-90°   | 764    | 10.5%* |
| 0-90°    | 7,267  | 87.1%  |
| 90-110°  | 787    | 9.4%   |
| 110-180° | 0      | 0.0%   |
| 0-180°   | 8,346  | 100.0% |

#### Luminaire Classification Systems (LCS)

| LCS Zone     | Lumens  | %Lum         |              |
|--------------|---------|--------------|--------------|
| FL           | 0-30    | 919          | 11.0%        |
| FM           | 30-60   | 2,507        | 29.9%        |
| FH           | 60-80   | 1,756        | 21.0%        |
| FVH          | 80-90   | 733          | 8.8%         |
| BL           | 0-30    | 610          | 7.3%         |
| BM           | 30-60   | 563          | 6.7%         |
| BH           | 60-80   | 148          | 1.8%         |
| BVH          | 80-90   | 31           | 0.4%         |
| UL           | 90-100  | 575          | 6.9%         |
| UH           | 100-180 | 505          | 6.0%         |
| <b>Total</b> |         | <b>8,346</b> | <b>99.8%</b> |
| BUG Rating   |         |              | B2-U4-G4     |

#### 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

### PWPT-10L-5K

#### Luminaire Data

|                             |                                  |
|-----------------------------|----------------------------------|
| Description                 | Traditional Wall Pack<br>10L, 5K |
| Total Lumens                | 10,048                           |
| Input Wattage               | 69                               |
| Efficacy (lm/W)             | 146                              |
| Max. Cd.                    | 4499.89 (360H, 55V)              |
| IES Classification          | Type IV                          |
| Longitudinal Classification | Very Short                       |

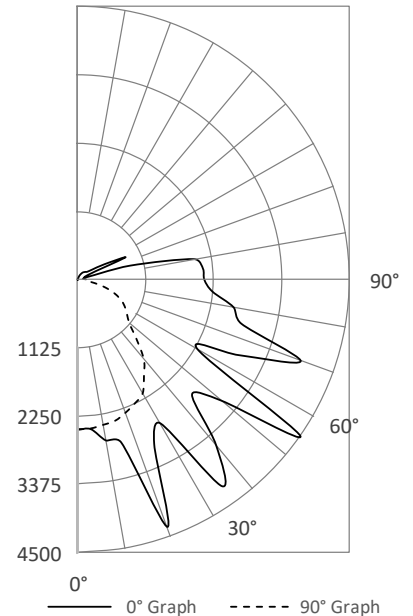
#### Zonal Lumen Summary

| Zone     | Lumens | %Fixt  |
|----------|--------|--------|
| 0-30°    | 1,862  | 18.5%  |
| 0-60°    | 5,539  | 55.1%  |
| 0-80°    | 7,810  | 77.7%  |
| 80-90°   | 968    | 11%*   |
| 0-90°    | 8,777  | 87.4%  |
| 90-110°  | 920    | 9.2%   |
| 110-180° | 0      | 0.0%   |
| 0-180°   | 10,048 | 100.0% |

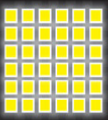
#### Luminaire Classification Systems (LCS)

| LCS Zone     | Lumens  | %Lum          |              |
|--------------|---------|---------------|--------------|
| FL           | 0-30    | 1,143         | 11.4%        |
| FM           | 30-60   | 3,006         | 29.9%        |
| FH           | 60-80   | 2,096         | 20.9%        |
| FVH          | 80-90   | 931           | 9.3%         |
| BL           | 0-30    | 719           | 7.2%         |
| BM           | 30-60   | 671           | 6.7%         |
| BH           | 60-80   | 174           | 1.7%         |
| BVH          | 80-90   | 37            | 0.4%         |
| UL           | 90-100  | 656           | 6.5%         |
| UH           | 100-180 | 614           | 6.1%         |
| <b>Total</b> |         | <b>10,048</b> | <b>99.9%</b> |
| BUG Rating   |         |               | B2-U4-G5     |

#### 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



## PHOTOMETRIC DATA

### PWPT-12L-5K

#### Luminaire Data

|                             |                                  |
|-----------------------------|----------------------------------|
| Description                 | Traditional Wall Pack<br>12L, 5K |
| Total Lumens                | 12,241                           |
| Input Wattage               | 84                               |
| Efficacy (lm/W)             | 146                              |
| Max. Cd.                    | 4872.13 (360H, 40V)              |
| IES Classification          | Type IV                          |
| Longitudinal Classification | Very Short                       |

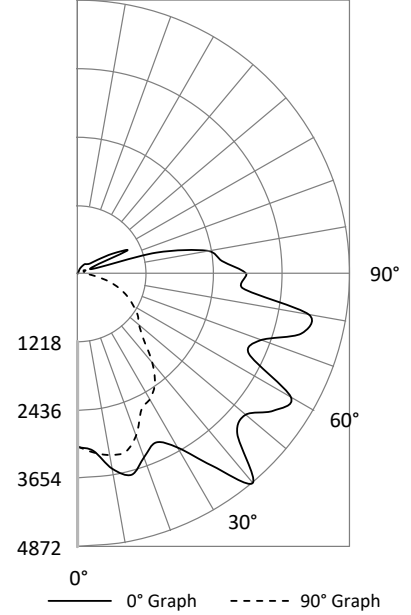
#### Zonal Lumen Summary

| Zone     | Lumens | %Fixt  |
|----------|--------|--------|
| 0-30°    | 2,201  | 18.0%  |
| 0-60°    | 6,597  | 53.9%  |
| 0-80°    | 9,383  | 76.7%  |
| 80-90°   | 1,154  | 11%*   |
| 0-90°    | 10,538 | 86.1%  |
| 90-110°  | 1,242  | 10.1%  |
| 110-180° | 0      | 0.0%   |
| 0-180°   | 12,241 | 100.0% |

#### Luminaire Classification Systems (LCS)

| LCS Zone     |         | Lumens        | %Lum          |
|--------------|---------|---------------|---------------|
| FL           | 0-30    | 1,359         | 11.1%         |
| FM           | 30-60   | 3,618         | 29.6%         |
| FH           | 60-80   | 2,579         | 21.1%         |
| FVH          | 80-90   | 1,109         | 9.1%          |
| BL           | 0-30    | 842           | 6.9%          |
| BM           | 30-60   | 778           | 6.4%          |
| BH           | 60-80   | 208           | 1.7%          |
| BVH          | 80-90   | 45            | 0.4%          |
| UL           | 90-100  | 882           | 7.2%          |
| UH           | 100-180 | 822           | 6.7%          |
| <b>Total</b> |         | <b>12,241</b> | <b>100.0%</b> |
| BUG Rating   |         | B2-U4-G5      |               |

#### 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

### PWPT-16L-5K

#### Luminaire Data

|                             |                                  |
|-----------------------------|----------------------------------|
| Description                 | Traditional Wall Pack<br>16L, 5K |
| Total Lumens                | 15,738                           |
| Input Wattage               | 111                              |
| Efficacy (lm/W)             | 141                              |
| Max. Cd.                    | 6206.79 (360H, 40V)              |
| IES Classification          | Type IV                          |
| Longitudinal Classification | Very Short                       |

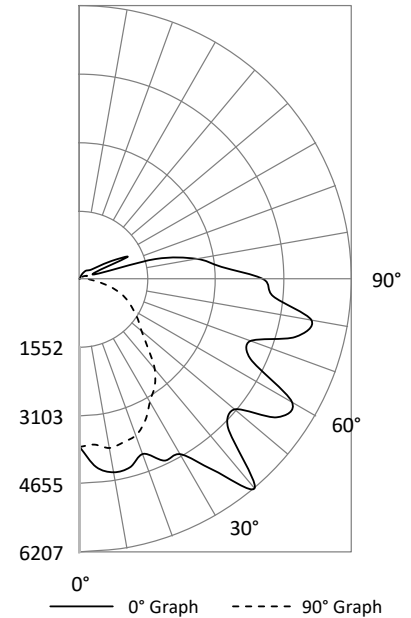
#### Zonal Lumen Summary

| Zone     | Lumens | %Fixt  |
|----------|--------|--------|
| 0-30°    | 2,871  | 18.2%  |
| 0-60°    | 8,582  | 54.5%  |
| 0-80°    | 12,164 | 77.3%  |
| 80-90°   | 1,460  | 10.7%* |
| 0-90°    | 13,625 | 86.6%  |
| 90-110°  | 1,564  | 9.9%   |
| 110-180° | 0      | 0.0%   |
| 0-180°   | 15,738 | 100.0% |

#### Luminaire Classification Systems (LCS)

| LCS Zone     |         | Lumens        | %Lum         |
|--------------|---------|---------------|--------------|
| FL           | 0-30    | 1,763         | 11.2%        |
| FM           | 30-60   | 4,673         | 29.6%        |
| FH           | 60-80   | 3,318         | 21.0%        |
| FVH          | 80-90   | 1,404         | 8.9%         |
| BL           | 0-30    | 1,108         | 7.0%         |
| BM           | 30-60   | 1,038         | 6.6%         |
| BH           | 60-80   | 264           | 1.7%         |
| BVH          | 80-90   | 56            | 0.4%         |
| UL           | 90-100  | 1,118         | 7.1%         |
| UH           | 100-180 | 995           | 6.3%         |
| <b>Total</b> |         | <b>15,738</b> | <b>99.8%</b> |
| BUG Rating   |         | B3-U5-G5      |              |

#### 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