TCP’s LED wall packs are designed for outdoor wall mounted lighting applications requiring white uniform light, long life and low maintenance requirement.

**LIMITLESS OPTIONS for the following applications:**
- Site lighting
- Overnight security lighting
- Pathway lighting
- Entrance lighting
- Overhead door lighting

**Great Features/Benefits**
- Energy efficient – Up to 82% energy savings compared to metal halide
- Instant on
- Long life: 50,000 hours
- Bright white, uniform light
- Excellent color rendering
- Replaces traditional metal halide, high pressure sodium & fluorescent wall packs
- Heavy-duty diecast aluminum housing
LED Wall Packs

Features/Benefits

<table>
<thead>
<tr>
<th>Feature/Attribute</th>
<th>Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up to 82% less energy than traditional lighting</td>
<td>Instant energy savings</td>
</tr>
<tr>
<td>Long 50,000 hour rated life</td>
<td>Minimizes replacements &amp; maintenance costs</td>
</tr>
<tr>
<td>Very low heat generation</td>
<td>Less energy wasted as heat</td>
</tr>
<tr>
<td>Excellent color consistency &amp; CRI</td>
<td>Enhances color of focal point while maintaining uniformity throughout lighting installation</td>
</tr>
<tr>
<td>Mercury free</td>
<td>Great for all environments</td>
</tr>
<tr>
<td>Flush mount fits standard J-box installation</td>
<td>Easy installation and retrofit application</td>
</tr>
<tr>
<td>TCP LED drivers are specifically designed for high efficient LED combination</td>
<td>Optimal performance and efficiency</td>
</tr>
</tbody>
</table>

Specifications

- **Input Line Voltage**: 120-277 VAC
- **Input Power**: WP40: 39W  WP80: 78W
- **Input Line Frequency**: 50/60HZ
- **Luminaire Life (Rated)**: 50,000 hours
- **Operating Temperature**: -40°C ~ 37°C
- **CRI**: 83
- **CCT**: 4100K & 5000K
- **Power Factor**: >90%
- **THD**: <20%

Warranty

- Five years against defects in manufacturing

Replacement Comparison

<table>
<thead>
<tr>
<th>TYPE</th>
<th>WATTAGE</th>
<th>ENERGY SAVINGS (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCP WP40 LED Wall Pack</td>
<td>39W</td>
<td></td>
</tr>
<tr>
<td>175W Metal Halide</td>
<td>215W</td>
<td>82%</td>
</tr>
<tr>
<td>TCP WP80 LED Wall Pack</td>
<td>78W</td>
<td></td>
</tr>
<tr>
<td>250W Metal Halide</td>
<td>295W</td>
<td>74%</td>
</tr>
</tbody>
</table>
TCP’s LED wall packs are designed for outdoor wall mounted lighting applications requiring white uniform light, long life and low maintenance requirement. Applications include site, overnight security, pathway, entrance, and overhead door lighting.

Construction
Traditional style with all the benefits of LED, this wall pack is constructed from diecast aluminum with a durable powder coat finish. Integral thermal management to optimize performance and long life. This wall pack is UL/cUL listed as suitable for wet locations. Weight is 3.9 lbs (1.802 kg).

Electrical
The UL listed driver has an input voltage of 120-277 VAC (50/60 Hz), a system power factor of >90% and THD <20%. Operating temperature -40ºC ~ 37ºC. Integral 5kV surge suppression protection comes standard.

Optics
The impact resistant non-yellowing polycarbonate lens provides Type III asymmetric very short light distribution with superb uniformity.

Performance Data

<table>
<thead>
<tr>
<th>WATTAGE</th>
<th>CURRENT @ 120V (A)</th>
<th>CURRENT @ 277V (A)</th>
<th>DISTRIBUTION TYPE</th>
<th>CRI</th>
<th>4100K LPW</th>
<th>B</th>
<th>U</th>
<th>G</th>
<th>LUMENS1</th>
<th>5000K LPW</th>
<th>B</th>
<th>U</th>
<th>G</th>
</tr>
</thead>
<tbody>
<tr>
<td>WP40</td>
<td>39</td>
<td>0.33</td>
<td>0.16</td>
<td>Type III Asymmetric Very Short</td>
<td>83</td>
<td>4035</td>
<td>103</td>
<td>2</td>
<td>3</td>
<td>2</td>
<td>4188</td>
<td>107</td>
<td>2</td>
</tr>
</tbody>
</table>

Published lumen values are from photometric tests performed by NVLAP certified laboratory in accordance with IESNA LM-79-08 standards. Actual performance results may vary as result of end-user application and environment.

1 Actual wattage may differ by +/-5%; when operating between 120-277V +/- 10%.
2 Approximate lumen output.

Catalog Ordering Matrix

<table>
<thead>
<tr>
<th>PRODUCT ID</th>
<th>WATTAGE</th>
<th>VOLTAGE</th>
<th>DISTRIBUTION TYPE</th>
<th>CCT</th>
<th>COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>WP</td>
<td>40=40W</td>
<td>UNI = 120-277V</td>
<td>T3 = Type III</td>
<td>41K = 4100K</td>
<td>BLK = Black</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>50K = 5000K</td>
<td>BRZ = Bronze</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>WHT = White*</td>
</tr>
</tbody>
</table>

* Special order

Warranty
Five years against defects in manufacturing.

Listings
UL/cUL Listed – wet location rated
RoHS Compliant
Design Lights Consortium (DLC) Qualified Product

Installation
See installation instructions 55238
Wall mounted
Before installation, please consult your local ordinances and building codes for compliance.

Lumen Maintenance

<table>
<thead>
<tr>
<th>Lumen Maintenance Factor (LMF)</th>
<th>36,000 hours1</th>
<th>50,000 hours1</th>
<th>100,000 hours2</th>
<th>L70 (hours)2</th>
</tr>
</thead>
<tbody>
<tr>
<td>92%</td>
<td>89%</td>
<td>80%</td>
<td>168,000</td>
<td></td>
</tr>
</tbody>
</table>

1 IESNA TM-21-11 projected value based on 6X IESNA LM-80-08 total test duration of 6,000 hours.
2 IESNA TM-21-11 calculated value exceeds 6X IESNA LM-80-08 total test duration of 6,000 hours.

For the most up-to-date specs and warranty information, please visit www.tcpi.com.
WP40 LED Wall Pack

**Dimensions**

- **Width:** 8.61" (218.8 mm)
- **Height:** 4.46" (113.2 mm)
- **Depth:** 7.35" (186.7 mm)

**Luminous Intensity Distribution Diagram**

- **4100K**
  - Average Beam Angle (50%): 119.9 deg
  - Unit: cd

- **5000K**
  - Average Beam Angle (50%): 119.3 deg
  - Unit: cd

**Isolux Diagrams**

- **3%:** 0.35171 x 0.03268fc
- **5%:** 0.58621 x 0.05446fc
- **10%:** 1.1721 x 0.1089fc
- **30%:** 3.5171 x 0.3268fc
- **50%:** 5.8621 x 0.5446fc

**Photometric Report**

- **Mounting Height:** 33' (10.0 m)

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TCP® | 325 Campus Dr. | Aurora, Ohio 44202 | P: 800-324-1496 | tcpi.com
WP80 LED Wall Pack

Applications
TCP's LED wall packs are designed for outdoor wall mounted lighting applications requiring white uniform light, long life and low maintenance requirement. Applications include site, overnight security, pathway, entrance, and overhead door lighting.

Construction
Traditional style with all the benefits of LED, this wall pack is constructed from diecast aluminum with a durable powder coat finish. Integral thermal management to optimize performance and long life. This wall pack is UL/cUL listed as suitable for wet locations. Weight is 8 lbs (3.646 kg).

Electrical
The UL listed driver has an input voltage of 120-277 VAC (50/60 Hz), a system power factor of >90% and THD <20%. Operating temperature -40ºC ~ 37ºC. Integral 5kV surge suppression protection comes standard.

Optics
The impact resistant non-yellowing polycarbonate lens provides Type III asymmetric very short light distribution with superb uniformity.

Catalog Number

<table>
<thead>
<tr>
<th>Type</th>
<th>Notes</th>
</tr>
</thead>
</table>

Listings
UL/cUL Listed – wet location rated
RoHS Compliant
Design Lights Consortium (DLC) Qualified Product

Installation
See installation instructions 55238
Wall mounted
Before installation, please consult your local ordinances and building codes for compliance

Warranty
Five years against defects in manufacturing

Lumen Maintenance

| Lumen Maintenance Factor (LMF) | 36,000 hours | 50,000 hours | 100,000 hours | \( L_{70} \) (hours)
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>92%</td>
<td>89%</td>
<td>80%</td>
<td>168,000</td>
<td></td>
</tr>
</tbody>
</table>

1 IESNA TM-21-11 projected value based on 6X IESNA LM-80-08 total test duration of 6,000 hours.
2 IESNA TM-21-11 calculated value exceeds 6X IESNA LM-80-08 total test duration of 6,000 hours.

Catalog Ordering Matrix

<table>
<thead>
<tr>
<th>WP</th>
<th>PRODUCT ID</th>
<th>WATTAGE</th>
<th>VOLTAGE</th>
<th>DISTRIBUTION TYPE</th>
<th>CCT</th>
<th>COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>WP</td>
<td>WP</td>
<td>80=80W</td>
<td>UNI = 120-277V</td>
<td>T3 = Type III</td>
<td>41K = 4100K 50K = 5000K</td>
<td>BLK = Black BRZ = Bronze WHT = White*</td>
</tr>
</tbody>
</table>

*Special order

Performance Data

<table>
<thead>
<tr>
<th>WP80</th>
<th>WATTAGE</th>
<th>CURRENT @ 120V (A)</th>
<th>CURRENT @ 277V (A)</th>
<th>DISTRIBUTION TYPE</th>
<th>CRI</th>
<th>LUMENS</th>
<th>4100K LPW</th>
<th>5000K LPW</th>
</tr>
</thead>
<tbody>
<tr>
<td>78</td>
<td>0.65</td>
<td>0.32</td>
<td>Type III Asymmetric Very Short</td>
<td>83</td>
<td>8400</td>
<td>108  2  3  2</td>
<td>8400</td>
<td>108  2  3  2</td>
</tr>
</tbody>
</table>

*Published lumen values are from photometric tests performed by NVLAP certified laboratory in accordance with IESNA LM-79-08 standards. Actual performance results may vary as result of end-user application and environment.
3 Actual wattage may differ by +/- 5%; when operating between 120-277V +/- 10%.
4 Approximate lumen output.
WP80 LED Wall Pack

Dimensions

Luminous Intensity Distribution Diagrams

**4100K**

- UNIT: cd
- C0/180, 127.6°
- C90/270, 119.5°

**5000K**

- UNIT: cd
- C0/180, 127.6°
- C90/270, 119.5°

AVERAGE BEAM ANGLE (50%): 123.5 DEG

Photometric Report

Isolux Diagrams

- MOUNTING HEIGHT: 33' (10.0 m)

- 3% 0.68971 x 0.06408fc
- 5% 1.1501 x 0.1068fc
- 10% 2.2991 x 0.2136fc
- 30% 6.8971 x 0.6408fc
- 50% 11.501 x 1.068fc

- 3% 0.69361 x 0.06444fc
- 5% 1.1561 x 0.1074fc
- 10% 2.3121 x 0.2148fc
- 30% 6.9361 x 0.6444fc
- 50% 11.561 x 1.074fc

LED Technical Data