# LED Rotatable WallPack-RWP02C

## Outdoor Wall Pack

**DLC LISTED PREMIUM** · **UL CERTIFIED** · **IP65** · **5 YEAR WARRANTY**

| OVERVIEW | |
|---|---|
| Lumen Output Range | 4805.9-11810.2 |
| Wattage Range | 40W-80W |
| Efficacy Range (LPW) | 125-151 |
| Weight lbs (kg) | 16.5(7.5)-23.8(10.8) |

## QUICK LINKS

**Ordering Guide**   **Performance**   **Photometrics**   **Dimensions**

## FEATURES & SPECIFICATIONS

### Construction

• Rugged die-cast aluminum housing for maximum durability and reliability.

• IP65 rated luminaire protects integral components from harsh environments.

• Shipping weight: 16.5lbs to 23.8lbs in carton.

### Optical System

• Premium engineered IP65 rated acrylic optic assemblies deliver Type II distributions.

• Available in 5000k, 4000k and 3000k color temperatures selectable.

• Minimum CRI of 80.

### Electrical

• High-performance driver features short circuit and over temperature protection with integral surge protection (4KV or 6KV).

• 0-10V dimming (0% - 100%) standard.

• Standard Universal Voltage (120-277 VAC) Input 50/60 Hz.

• Total harmonic distortion: <15%

• Operating temperature: -40°C to +50°C (-40°F to +122°F).

• Power factor: >0.90

• Input power stays constant over life.

• Optional 10KV surge protection device meets a minimum.

• High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation.

### Controls

• Photocell, DC motion sensor and PIR sensor.

### Installation

• Mounting method ships together and can be installed quickly.

• Wiring leads extended out of the main housing eliminating the need of opening the luminaire electrical chamber.

### Warranty

• luminaires carry a 5-year limited warranty. Complete warranty terms are located on our website.

### Listings

• Listed to UL.

• Suitable for wet Locations.

• IP65 rated Luminaire per.

• DesignLights Consortium® (DLC) qualified product.

# ORDERING GUIDE

# LED Rotatable WallPack-RWP02C

| TYPICAL ORDER EXAMPLE: | **BRT AWP 03 80W 3CCT UNV DIM BRZ** |
|---|---|

| Luminaire Prefix | Light Source | Power&Lumen | Color Temp |
|---|---|---|---|
| **AWP-3: Rotatable wall pack 3 series** | **LED** | **40W** - 4805.9lm-5416lm<br>**80W** - 10647.1lm-11810.2lm | **3CCT** -3000K, 4000K and 5000K CCT selectable |

| Voltage | Driver | Finish | Controls (Choose One) | Options |
|---|---|---|---|---|
| **UNV** - Universal Voltage (120-277V) | **DIM** - 0-10V Dimming(0-100%) | **BRZ** - Bronze<br>**Option** - Cutome Color | | **(Blank)** - None<br>**SPD** - 10kV Surge Protection Device<br>**IHS** - Integral House Side S |

## PERFORMANCE

### DELIVERED LUMENS*

| Wattage | Power Adjust | Distribution | CRI | 3000K | | | 4000K | | | 5000K | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Delivered Lumens | Efficacy | BUG Rating | Delivered Lumens | Efficacy | BUG Rating | Delivered Lumens | Efficacy | BUG Rating |
| 40w | 40W | Type 2 lens | 82 | 4805.9 | 125 | B3-U2-G1 | 5416 | 146.22 | B3-U2-G1 | 5267.6 | 136.22 | B3-U2-G1 |
| | 30W | Type 2 lens | 82 | 3750 | 125 | B3-U2-G1 | 4386.6 | 146.22 | B3-U2-G1 | 4086.6 | 136.22 | B3-U2-G1 |
| | 25W | Type 2 lens | 82 | 3125 | 125 | B3-U2-G1 | 3655.5 | 146.22 | B3-U2-G1 | 3405.5 | 136.22 | B3-U2-G1 |
| 80w | 80W | Type 2 lens | 82 | 10647.1 | 130.19 | B3-U2-G1 | 11810.2 | 151.18 | B3-U2-G1 | 11565.7 | 141.20 | B3-U2-G1 |
| | 60W | Type 2 lens | 82 | 7811.4 | 130.19 | B3-U2-G1 | 9070.8 | 151.18 | B3-U2-G1 | 8472 | 141.20 | B3-U2-G1 |
| | 40W | Type 2 lens | 82 | 5207.6 | 130.19 | B3-U2-G1 | 6047.2 | 151.18 | B3-U2-G1 | 5648 | 141.20 | B3-U2-G1 |

*LEDs are frequently updated therefore values are nominal.

### ELECTRICAL DATA*

| Wattage | 120V | 208V | 240V | 277V |
|---|---|---|---|---|
| 40w | 0.33 | 0.19 | 0.17 | 0.14 |
| 80w | 0.67 | 0.38 | 0.33 | 0.29 |

*Electrical data at 25C (77F). Actual wattage may differ by +/-0.3%.

### RECOMMENDED LUMEN MAINTENANCE ( 4L-9L )

| Ambient Temperature [c] | CInitial [2] | 3K hrs.[2] | 5K hrs.[3] | 7K hrs.[3] | 10K hrs.[3] |
|---|---|---|---|---|---|
| 1C-85C | 100% | 99.75% | 99.33% | 98.89% | 98.46% |

1 - Lumen maintenance values at 25C are calculated per TM-21 based on LM-80 data and in-situ testing.

2 - In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times the IESNA LM-80-08 total test duration for the device under testing.

3 - Lumen maintenance values at 25C are calculated per TM-21 based on LM-80 data and in-situ testing times the IESNA LM-80-08 total test duration for the device under testing.

**PHOTOMETRICS**

# LED Rotatable WallPack-RWP02C

Luminaire photometry has been conducted by an accredited laboratory in accordance with IESNA LM-79. As specified by IESNA LM-79 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.
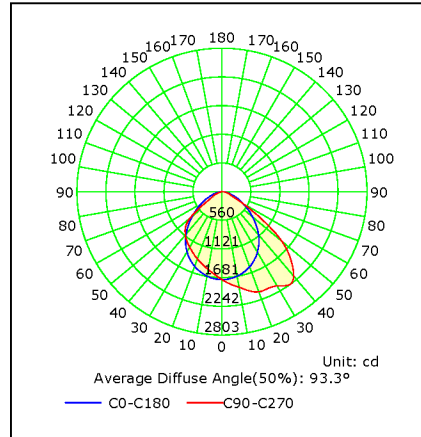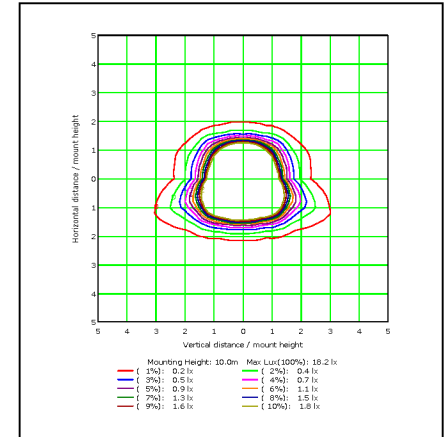
## AWP-3 40W

### LUMINAIRE DATA

| Type 2 Distribution | |
| --- | --- |
| Description | 3000 Kelvin, 82 CRI |
| Delivered Lumens | 4,806 |
| Watts | 40 |
| Efficacy | 125 |
| IES Type | Type 2 |
| BUG Rating | B3-U2-G1 |

| Zonal Lumen Summary | | |
| --- | --- | --- |
| Zone | Lumens | %Luminaire |
| Low (0-30)° | 1,389.30 | 28.80% |
| Medium (0-60)° | 4,160.50 | 86.10% |
| High (60-90)° | 652.40 | 13.50% |
| Very High (70-100)° | 220.50 | 4.60% |
| Uplight (90-120)° | 0 | 0% |
| Total Flux | 4,830.50 | 100% |

**Luminous Intensity Distribution Curve**



Unit: cd
Average Diffuse Angle(50%): 93.3°
C0-C180    C90-C270

**ISO FOOTCANDLE**



Mounting Height: 10.0m   Max Lux(100%): 18.2 lx
( 1%): 0.2 lx   ( 2%): 0.4 lx
( 3%): 0.5 lx   ( 4%): 0.7 lx
( 5%): 0.9 lx   ( 6%): 1.1 lx
( 7%): 1.3 lx   ( 8%): 1.5 lx
( 9%): 1.6 lx   ( 10%): 1.8 lx

## AWP-3 80W

### LUMINAIRE DATA

| Type 2 Distribution | |
| --- | --- |
| Description | 3000 Kelvin, 82 CRI |
| Delivered Lumens | 10,647 |
| Watts | 80 |
| Efficacy | 130.19 |
| IES Type | Type 2 |
| BUG Rating | B3-U2-G1 |

| Zonal Lumen Summary | | |
| --- | --- | --- |
| Zone | Lumens | %Luminaire |
| Low (0-30)° | 2,983.50 | 28.00% |
| Medium (0-60)° | 9,027.00 | 84.80% |
| High (60-90)° | 1,515.30 | 14.20% |
| Very High (70-100)° | 554.90 | 5.20% |
| Uplight (90-120)° | 0 | 0% |
| Total Flux | 10,645.90 | 100% |

**Luminous Intensity Distribution Curve**



Unit: cd
Average Diffuse Angle(50%): 93.8°
C0-C180    C90-C270

**ISO FOOTCANDLE**



Mounting Height: 10.0m   Max Lux(100%): 39.0 lx
( 1%): 0.4 lx   ( 2%): 0.8 lx
( 3%): 1.2 lx   ( 4%): 1.6 lx
( 5%): 1.9 lx   ( 6%): 2.3 lx
( 7%): 2.7 lx   ( 8%): 3.1 lx
( 9%): 3.5 lx   ( 10%): 3.9 lx
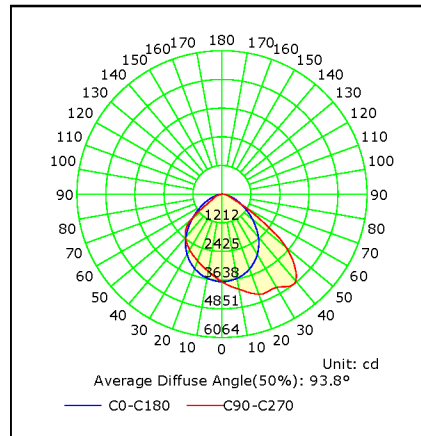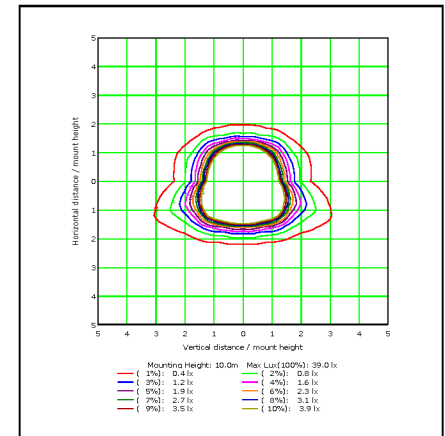
## PRODUCT DIMENSIONS

# LED Rotatable WallPack-RWP02C

### 40W



6.8"
9.45"
5.86"

### 80W, 120W



9.96"
9.45"
5.86"
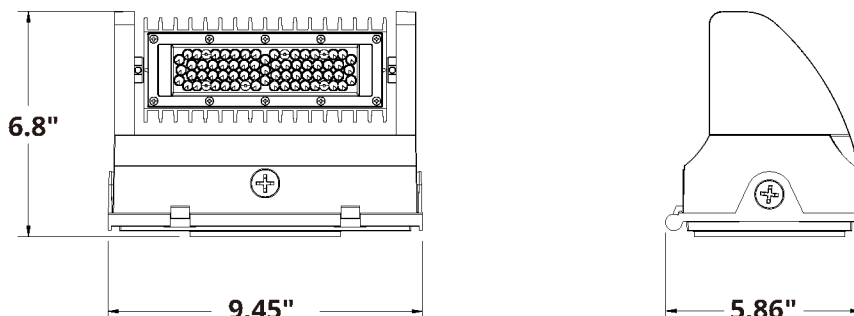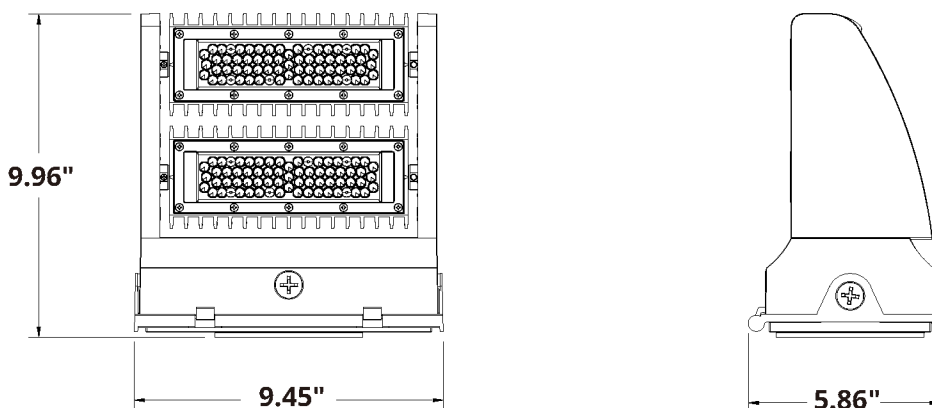
## PACKAGE

| Power | Items | Size | Qty/ Carton | Lamps Net Weight |
|---|---|---|---|---|
| 40w | Outer box | 16.33 x 12.2 x 18.11 inch | 4pcs | 23.8lbs |
| | Inner box | 11.6 x 7.9 x 8.4 inch | 1 PC | 5.5lbs |
| 80w | Outer box | 16.33 x 12.2 x 12.6 inch | 2pcs | 16.5lbs |
| | Inner box | 11.6 x 7.9 x 11.8 inch | 1 PC | 7.1lbs |

**Tolerance of Carton Size: ±15 MM, Tolerance of Weight: ±10%.**