

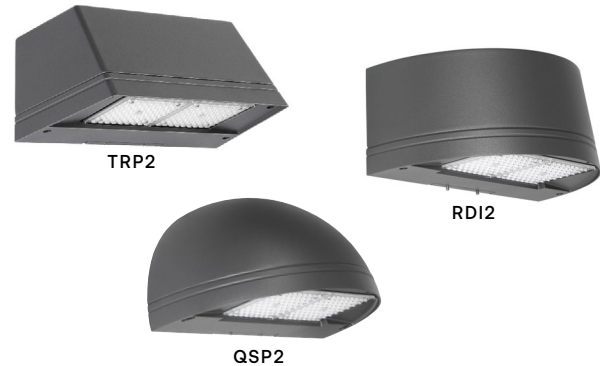
# GEOPAK Series 2

SIZE 2 - TRP2/QSP2/RD12 AMBER

## OPTICS STRIKE

### FEATURES

- Mid sized architectural wallpacks in three stylish shapes
- Type 2, 3, 4F and 4W distributions for a wide variety of applications
- Control capabilities offer additional energy savings options
- Zero uplight distributions
- Uses true amber LEDs, unlike phosphor-converted amber LED's which still produce blue wavelength that can be disruptive to wildlife
- Specially designed amber-colored LEDs produce light with a narrow spectral distribution that minimizes disruption to sea turtles and other wildlife
- LED's have a peak wavelength between 589-595 nm and a width of no more than 20nm at 50% power



### SPECIFICATIONS

#### CONSTRUCTION

- Die-cast aluminum housing and door
- Seven powder coat standard finishes, plus custom color options
- Meets ASTM B117 with 1,000 hours of salt spray exposure

#### OPTICS

- Strike Optics maximize target zone illumination with minimal losses at house-side, reducing light trespass issues.
- Different lenses offer a variety of distribution patterns - Type 2, 3, 4F & 4W

#### INSTALLATION

- Quick-mount adapter with gasket seal provides easy installation to wall or to recessed junction box (4" square junction box). Fixture attaches by two Allen-head hidden fasteners for tamper resistance
- Back box accessory available for surface conduit application

#### ELECTRICAL

- 120-277, 347 and 480 voltage, 50/60Hz
- Power factor  $\geq$  90%
- THD (Total Harmonic Distortion) <20%

#### ELECTRICAL (CONTINUED)

- Ambient operating temperature -40°C to 40°C
- Optional: 20kA surge protection device (series); Automatically takes fixture off-line when device is consumed

#### CONTROLS

- Drivers are 0-10V dimming standard
- Universal button photocontrol for dusk to dawn energy savings
- Photocell and occupancy sensor options available for complete on/off and dimming control
- Dual Driver option available in 25W or greater fixtures, providing two drivers within luminaire but only one set of leads exiting the luminaire, where Dual Power Feed provides two drivers which can be wired independently as two sets of leads are extended from the luminaire. Both options can not be included in one same fixture

#### CERTIFICATIONS

- Meets FWC Guidelines for sea turtle nesting at coastal environments when combined with shielding
- IP65 rated housing
- Zero uplight (U0), dark sky, neighbor friendly
- Drivers IP66 and RoHS compliant
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225-11). See Buy American Solutions.

#### WARRANTY

- 5 year limited warranty

| KEY DATA             |                 |
|----------------------|-----------------|
| Lumen Range          | 1,450-3,000     |
| Wattage Range        | 17-62           |
| Efficacy Range (LPW) | 48-84           |
| Weights lbs. (kg)    | 16-18 (7.3-8.2) |

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## ORDERING GUIDE - AMBER

**Example:** TRP2-36L-25-AM-2-UNV-DBT

 CATALOG # 

### ORDERING INFORMATION

| Series             | # LEDs - Wattage   | CCT/CRI                        | Distribution      | Voltage               |
|--------------------|--------------------|--------------------------------|-------------------|-----------------------|
| TRP2 Trapezoid     | 36L-15 1450 Lumens | AM Monochromatic amber, 595 nm | 2 TYPE 2          | UNV 120-277V          |
| RD12 Radius        | 36L-20 1750 Lumens |                                | 3 TYPE 3          | 120 120V              |
| QSP2 Quartersphere | 36L-25 2000 Lumens |                                | 4W TYPE 4W        | 208 208V              |
|                    | 36L-30 2300 Lumens |                                | 4F TYPE 4 Forward | 240 240V              |
|                    | 36L-40 2600 Lumens |                                |                   | 277 277V              |
|                    | 36L-50 2800 Lumens |                                |                   | 347 <sup>1</sup> 347V |
|                    | 36L-65 3000 Lumens |                                |                   |                       |

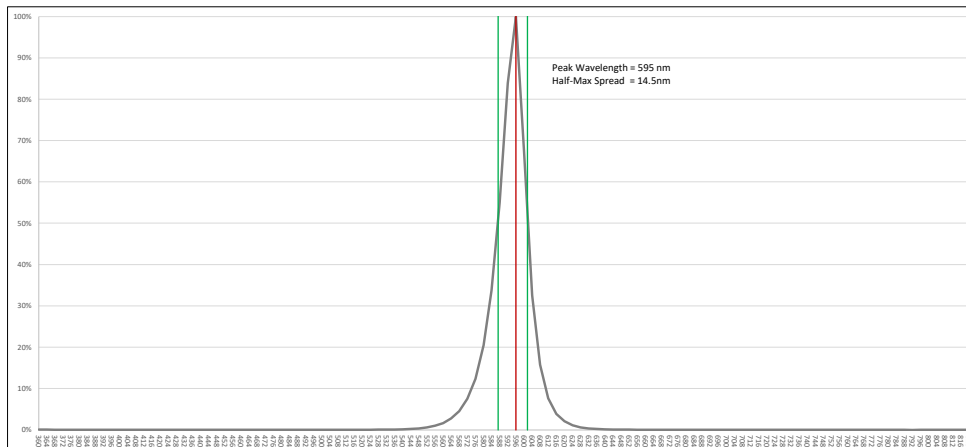
| Color                          | Control Options                   | Options                                   |
|--------------------------------|-----------------------------------|---|
| BLT Black Matte Textured       | PC Button Photocontrol            | SF <sup>2</sup> Single fuse & fuse holder |
| BLS Black Gloss Smooth         | NXW NX Wireless Radio (No Sensor) | DF <sup>2</sup> Double fuse & fuse holder |
| DBT Dark Bronze Matte Textured | NXWS NX Wireless Sensor w/BT      | 2DR <sup>3</sup> Dual Drivers             |
| DBS Dark Bronze Gloss Smooth   | BTSD Bluetooth Sensor OMNI        | 2PF <sup>3</sup> Dual power feeds         |
| GTT Graphite Matte Textured    | CD Customer Dimming               | SP Surge Protector                        |
| LGS Light Grey Gloss Smooth    | <b>Mount Height</b>               |   |
| PSS Platinum Silver Smooth     | -12F Up to 12ft mount height      |   |
| WHT White Matte Textured       |                                   |   |
| WHS White Gloss Smooth         |                                   |   |
| VGT Verde Green Textured       |                                   |   |
| <b>Color Option</b>            |                                   |   |
| CC Custom Color                |                                   |   |

- Notes:
- 1 70 & 90 watt versions only
  - 2 Must specify voltage
  - 3 Only available for 25W or higher

### ACCESSORIES (ORDERED SEPARATELY)

| Catalog Number                     | Description   |
|------------------------------------|---|
| <input type="checkbox"/> WP-BB-DBT | Backbox with four 1/2" threaded conduit holes painted Dark Bronze Texture |

### SPECTRAL CHART





DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_

TYPE: \_\_\_\_\_ PROJECT: \_\_\_\_\_

CATALOG #: \_\_\_\_\_

# GEOPAK Series 2

SIZE 2 - TRP2/QSP2/RDI2 AMBER

## PERFORMANCE DATA (STRIKE)

| Description | Nominal Wattage | System Watts | Dist. Type | Amber (AM) |     |   |   |   |
|-------------|-----------------|--------------|------------|------------|-----|---|---|---|
|             |                 |              |            | Lumens     | LPW | B | U | G |
| 36L         | 15              | 17.3         | 2          | 1444       | 83  | 0 | 0 | 1 |
|             |                 |              | 3          | 1428       | 83  | 0 | 0 | 1 |
|             |                 |              | 4F         | 1449       | 84  | 0 | 0 | 1 |
|             |                 |              | 4W         | 1430       | 83  | 0 | 0 | 1 |
|             | 20              | 22.0         | 2          | 1744       | 79  | 0 | 0 | 1 |
|             |                 |              | 3          | 1726       | 78  | 0 | 0 | 1 |
|             |                 |              | 4F         | 1751       | 80  | 0 | 0 | 1 |
|             |                 |              | 4W         | 1728       | 79  | 0 | 0 | 1 |
|             | 25              | 26.6         | 2          | 2005       | 75  | 1 | 0 | 1 |
|             |                 |              | 3          | 1984       | 75  | 0 | 0 | 1 |
|             |                 |              | 4F         | 2013       | 76  | 0 | 0 | 1 |
|             |                 |              | 4W         | 1987       | 75  | 0 | 0 | 1 |
|             | 30              | 31.5         | 2          | 2266       | 72  | 1 | 0 | 1 |
|             |                 |              | 3          | 2242       | 71  | 0 | 0 | 1 |
|             |                 |              | 4F         | 2275       | 72  | 0 | 0 | 1 |
|             |                 |              | 4W         | 2245       | 71  | 0 | 0 | 1 |
|             | 40              | 38.9         | 2          | 2546       | 65  | 1 | 0 | 1 |
|             |                 |              | 3          | 2519       | 65  | 1 | 0 | 1 |
|             |                 |              | 4F         | 2556       | 66  | 0 | 0 | 1 |
|             |                 |              | 4W         | 2523       | 65  | 0 | 0 | 1 |
|             | 50              | 49.3         | 2          | 2827       | 57  | 1 | 0 | 1 |
|             |                 |              | 3          | 2797       | 57  | 1 | 0 | 1 |
|             |                 |              | 4F         | 2838       | 58  | 1 | 0 | 1 |
|             |                 |              | 4W         | 2801       | 57  | 1 | 0 | 2 |
|             | 65              | 62.3         | 2          | 3008       | 48  | 1 | 0 | 1 |
|             |                 |              | 3          | 2976       | 48  | 1 | 0 | 1 |
|             |                 |              | 4F         | 3019       | 48  | 1 | 0 | 1 |
|             |                 |              | 4W         | 2980       | 48  | 1 | 0 | 2 |

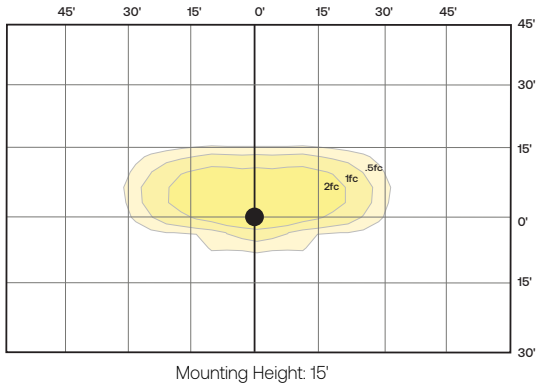
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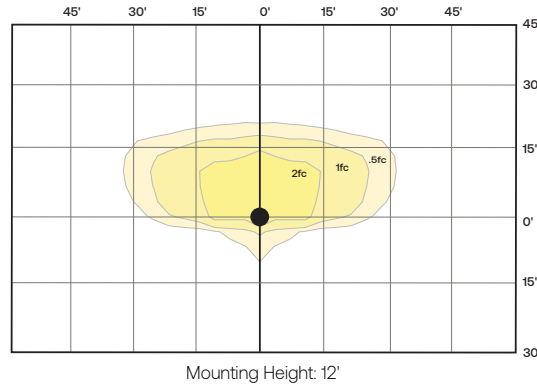
## PHOTOMETRY

The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

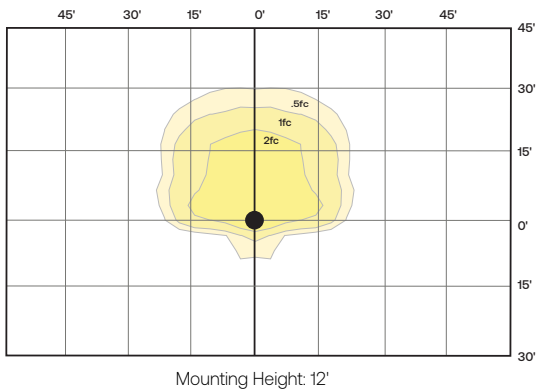
TRP2-50W-AM-2



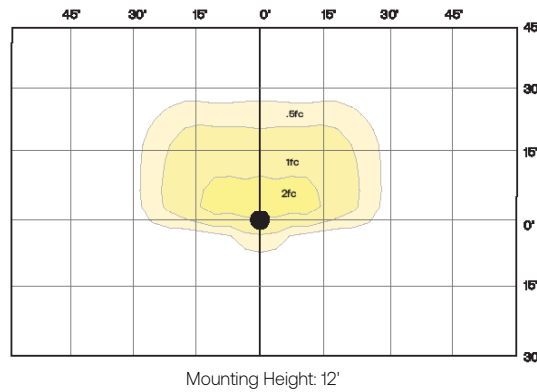
TRP2-50W-AM-3



TRP2-50W-AM-4F



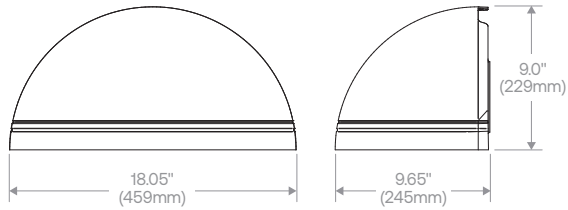
TRP2-50W-AM-4W



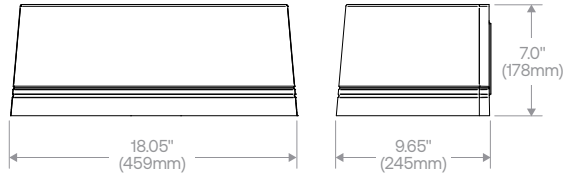
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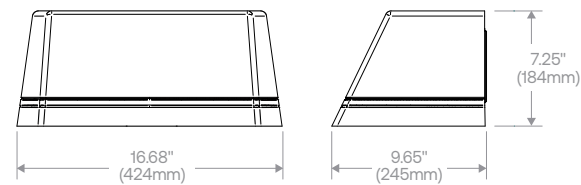
## DIMENSIONS



QSP2  
Weight:  
15 lbs (6.8 kg)



RDI2  
Weight:  
16 lbs (7.3 kg)



TRP2  
Weight:  
16 lbs (7.3 kg)

## ADDITIONAL INFORMATION

### CONTROL OPTIONS



Programmable occupancy sensor offers greater control and energy savings with adjustable delay and dimming levels (Factory default is 10%)