

# BWR 2

## Corrosion Resistant Direct Linear Ambient LED Luminaire

We reserve the right to revise the design or components of any product without notice.

|                  |  |      |
|------------------|--|------|
| CATALOG #        |  | TYPE |
| PROJECT/LOCATION |  |      |
| APPROVED BY      |  |      |

### SPECIFICATIONS

- DRIVER — Universal Voltage (120-277v) electronic driver with 0-10V dimming.
- FINISH — High Reflectance Baked White Enamel Finish.
- HOUSING — Steel Formed Housing.
- LENS — Acrylic lens for uniform illumination with no visible LED pixelation.
- LIGHT ENGINE — Energy efficient LED designed as direct replacements for fluorescent luminaires. Power Factor >0.90. THD <20%. CRI >80.
- LIFETIME — 50,000+ Hour LED Life Expectancy.
- OPERATIONAL TEMP — -4°F to +122°F.
- SUPPLY ACCESS — Knockouts located on back and end of housing.
- COMPLIANCE — Built to comply with U.S. and Canadian Safety Standards. cULus Damp Location Rated. DLC Premium approved. FCC Part 15, Class A Compliant. IEEE C.62.41-1991, Class A Input Transient Surge Protection (2.5kV) Compliant. IEC 61000-4-2 level 2 (4kV) Electrostatic Discharge (ESD) Compliant. RoHS Compliant.
- WARRANTY — 5-Year Limited Warranty.



### ORDERING INFO

#### ORDERING GUIDE:

| Series | Size | Mounting | LED Wattage | CCT | Voltage | Finish | Options |
|--------|------|----------|-------------|-----|---------|--------|---------|
|        |      |          |             |     |         |        |         |

#### SERIES

**BWR2** = BWR 2 Linear Luminaire Series

#### SIZE

- 2 = 2-Foot — 26"L x 3 3/8"W x 3 1/2"D
- 3 = 3-Foot — 37"L x 3 3/8"W x 3 1/2"D
- 4 = 4-Foot — 48"L x 3 3/8"W x 3 1/2"D
- 8 = 8-Foot — 96"L x 3 3/8"W x 3 1/2"D

#### MOUNTING OPTIONS

- BLANK** = Surface Ceiling Mount
- WM** = Wall Mount

#### LED WATTAGE

**Note: See Below Chart for Size vs. Wattage/Lumen Data**

- LED20** = 20 Watt LED (For 2-Foot Only)
- LED25** = 25 Watt LED (For 3-Foot Only)
- LED32** = 32 Watt LED (For 4-Foot Only)
- LED65** = 65 Watt LED (For 8-Foot Only)

#### LED COLOR TEMPERATURE (CCT)

- 35K** = ±3500K range LED
- 4K** = ±4000K range LED
- 5K** = ±5000K range LED

#### VOLTAGE

- UNV** = Universal Volt (120-277v) Driver  
— 0-10V Low Voltage Dimming is Standard

#### FINISH

- WH** = White Finish — Standard

#### CONTROL OPTIONS

- MSI** = Motion Sensor Integral

#### EMERGENCY / BATTERY OPTIONS

- EL12W** = 12W Integral Emergency Battery Backup  
— Not Compatible with 2-Foot Model

#### MISC OPTIONS

- WG** = Wire Guard (For 2/3/4 Foot Lengths Only)

#### NOTES:

- Ⓜ Max mounting height of fixture is 18' (18 feet)
- Ⓟ Final selection of the Battery Pack under discretion of Factory

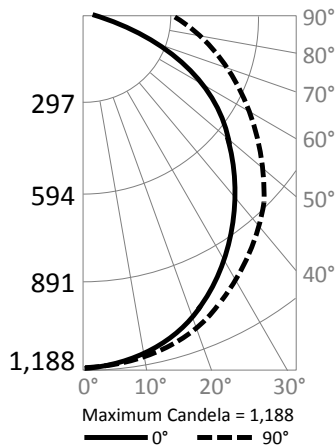
### DIMENSIONS



| DIMENSION            | 2 FOOT  | 3 FOOT  | 4 FOOT  | 8 FOOT   |
|----------------------|---------|---------|---------|----------|
| <b>LENGTH (L)</b>    | 26"     | 37"     | 48"     | 96"      |
| <b>WIDTH (W)</b>     | 3 3/8"  | 3 3/8"  | 3 3/8"  | 3 3/8"   |
| <b>HEIGHT (H)</b>    | 3 1/2"  | 3 1/2"  | 3 1/2"  | 3 1/2"   |
| <b>WEIGHT (lbs.)</b> | 4.1 lbs | 5.1 lbs | 6.2 lbs | 13.8 lbs |

| SIZE   | WATTAGE | COLOR TEMP | LUMENS       | LUMENS / WATT |
|--------|---------|------------|--------------|---------------|
| 2 FOOT | 20 Watt | 3500K      | 2,348 Lumens | 117 lm/w      |
|        |         | 4000K      | 2,600 Lumens | 130 lm/w      |
|        |         | 5000K      | 2,432 Lumens | 122 lm/w      |
| 3 FOOT | 25 Watt | 3500K      | 3,129 Lumens | 125 lm/w      |
|        |         | 4000K      | 3,250 Lumens | 130 lm/w      |
|        |         | 5000K      | 3,334 Lumens | 133 lm/w      |
| 4 FOOT | 32 Watt | 3500K      | 3,811 Lumens | 119 lm/w      |
|        |         | 4000K      | 4,224 Lumens | 132 lm/w      |
|        |         | 5000K      | 4,256 Lumens | 133 lm/w      |
| 8 FOOT | 65 Watt | 3500K      | 8,450 Lumens | 130 lm/w      |
|        |         | 4000K      | 8,580 Lumens | 132 lm/w      |
|        |         | 5000K      | 8,645 Lumens | 133 lm/w      |

Model: **BWR2-4-LED32-5K (4,256 lumens)**



| Candlepower Summary |       |       |
|---------------------|-------|-------|
|                     | 0°    | 90°   |
| 0°                  | 1,188 | 1,188 |
| 10°                 | 1,154 | 1,169 |
| 20°                 | 1,064 | 1,112 |
| 30°                 | 926   | 1,027 |
| 40°                 | 758   | 921   |
| 50°                 | 574   | 794   |
| 60°                 | 391   | 667   |
| 70°                 | 216   | 540   |
| 80°                 | 70    | 427   |
| 90°                 | 5     | 328   |

| Zonal Lumen Summary |        |           |
|---------------------|--------|-----------|
| Zone                | Lumens | % Fixture |
| 0° - 10°            | 127    | 3.0%      |
| 0° - 20°            | 490    | 11.5%     |
| 0° - 30°            | 1,035  | 24.3%     |
| 0° - 40°            | 1,689  | 39.7%     |
| 0° - 50°            | 2,370  | 55.7%     |
| 0° - 60°            | 3,004  | 70.6%     |
| 0° - 70°            | 3,541  | 83.2%     |
| 0° - 80°            | 3,957  | 93.0%     |
| 0 - 90°             | 4,256  | 100.0%    |
| 90° - 180°          | 0      | 0%        |
| 0° - 180°           | 4,256  | 100.0%    |

