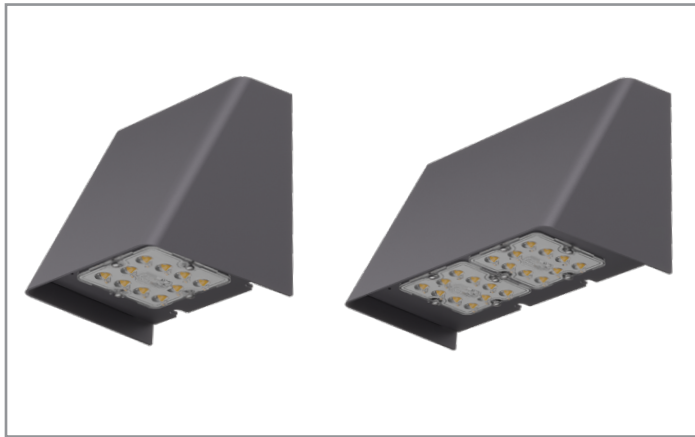


|             |  |           |  |      |  |
|-------------|--|-----------|--|------|--|
| Project     |  | Catalog # |  | Type |  |
| Prepared by |  | Notes     |  | Date |  |



# McGraw-Edison

## GKO Gekko

Wall Mount Luminaire

### Product Features



### Product Certifications



### Interactive Menu

- Ordering Information [page 2](#)
- Product Specifications [page 2](#)
- Optical Configurations [page 3](#)
- Energy and Performance Data [page 4](#)
- Control Options [page 6](#)

### Quick Facts

- Available in small and medium housing sizes
- Choice of 5 optical distributions
- 11 lumen packages from 750 up to 13,500
- Efficacies up to 169 lumens per watt

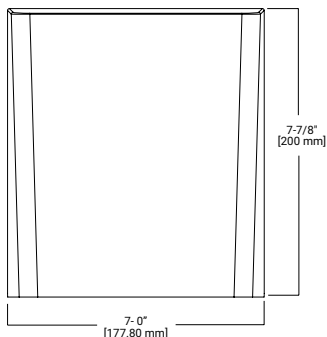
### Connected Systems

- WaveLinx PRO Wireless
- WaveLinx LITE Wireless

### Dimensional Details

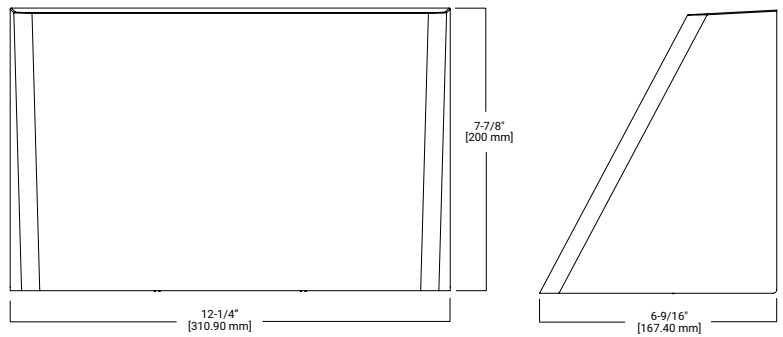
PB1

Net Weight: 6.0 lbs (2.7 kg)



PB2

Net Weight: 10.6 lbs (4.8 kg)



#### NOTES:

1. Visit <https://www.designlights.org/search/> to confirm qualification. Not all product variations are DLC qualified.
2. IDA Certified for 3000K CCT and warmer only.

## Ordering Information

SAMPLE NUMBER: **GKO-PB2A-740-U-T3-BK**

| Product Family                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Light Engine Configuration          |                                                          | Lumen Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Color Temperature                                                                                                                                                                                         | Voltage                                                                                                                                                                                                                                | Distribution                                                                                                                   | Finish                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Light Engine                        | Size                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                           |                                                                                                                                                                                                                                        |                                                                                                                                |                                                                                                                                              |
| <b>GKO</b> =Gekko Wall Luminaire<br><b>BAA-GKO</b> =Gekko Buy American Act Compliant <sup>13</sup><br><b>TAA-GKO</b> =Gekko Trade Agreements Act Compliant <sup>13</sup><br><b>BABA-GKO</b> =Gekko Build America Buy America Act Compliant <sup>14</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>PB</b> =Mini 10-LED Light Square | <b>1</b> =Small, 1 Square<br><b>2</b> =Medium, 2 Squares | <b>A</b> =Output Level 1<br><b>B</b> =Output Level 2<br><b>C</b> =Output Level 3<br><b>D</b> =Output Level 4<br><b>E</b> =Output Level 5<br><b>F</b> =Output Level 6 <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>722</b> =70 CRI, 2200K CCT<br><b>727</b> =70 CRI, 2700K CCT<br><b>730</b> =70 CRI, 3000K CCT<br><b>740</b> =70 CRI, 4000K CCT<br><b>750</b> =70 CRI, 5000K CCT<br><b>AMB</b> =Amber 590nm <sup>2</sup> | <b>U</b> =120-277V<br><b>1</b> =120V<br><b>2</b> =208V<br><b>3</b> =240V<br><b>4</b> =277V<br><b>8</b> =480V <sup>15</sup><br><b>9</b> =347V                                                                                           | <b>T1</b> =Type I<br><b>T2R</b> =Type II Round<br><b>T2U</b> =Type II Urban<br><b>T3</b> =Type III<br><b>T4W</b> =Type IV Wide | <b>AP</b> =Grey<br><b>BZ</b> =Bronze<br><b>BK</b> =Black<br><b>DP</b> =Dark Platinum<br><b>GM</b> =Graphite Metallic<br><b>NW</b> =New White |
| Options (Add as Suffix)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                     |                                                          | Controls and Systems Options (Add as Suffix)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                           | Accessories (Order Separately)                                                                                                                                                                                                         |                                                                                                                                |                                                                                                                                              |
| <b>F</b> =Single Fused (120, 277 or 347, Specify Voltage)<br><b>FF</b> =Double Fused (208, 240 or 480, Specify Voltage)<br><b>20MSP</b> =Parallel 20kV MOV Surge Protective Device<br><b>20K</b> =Series 20kV UL1449 Fused Surge Protective Device<br><b>2L</b> =Two Circuits <sup>3</sup><br><b>CBP</b> =Battery Pack, Cold Weather Rated <sup>4,10</sup><br><b>CBP-CEC</b> =Battery Pack, Cold Weather Rated, CEC Compliant <sup>4,10</sup><br><b>HSS</b> =Factory Installed House Side Shield<br><b>HA</b> =50C° High Ambient <sup>10</sup><br><b>CC</b> =Coastal Construction <sup>5</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                     |                                                          | <b>BPC</b> =Button Type Photocontrol (120, 208, 240 or 277V. Must Specify Voltage)<br><b>FADC</b> =Field Adjustable Dimming Controller <sup>8</sup><br><b>SPB1</b> =Dimming Occupancy Sensor with Bluetooth Interface, <8' Mounting <sup>6,7,8,11</sup><br><b>SPB2</b> =Dimming Occupancy Sensor with Bluetooth Interface, 8' - 20' Mounting <sup>6,7,8,11</sup><br><b>MS/DIM-L08</b> =Motion Sensor for Dimming Operation, <8' Mounting <sup>7,8,11,12</sup><br><b>MS/DIM-L20</b> =Motion Sensor for Dimming Operation, 8'-20' Mounting <sup>7,8,11,12</sup><br><b>WPS2XX</b> =WaveLinx Pro, SR Driver, Dimming Motion and Daylight, WAC Programmable, 7'-15' Mounting <sup>7,8,11,16,17</sup><br><b>WPS4XX</b> =WaveLinx Pro, SR Driver, Dimming Motion and Daylight, WAC Programmable, 15'-40' Mounting <sup>7,8,11,16,17</sup><br><b>WLS2XX</b> =WaveLinx Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 7'-15' Mounting <sup>7,8,11,17</sup><br><b>WLS4XX</b> =WaveLinx Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 15'-40' Mounting <sup>7,8,11,17</sup> |                                                                                                                                                                                                           | <b>PBHSS</b> =House Side Shield (Single) <sup>9</sup><br><b>PBPFS</b> =Perimeter Fence Shield Kit (4 Pieces)<br><b>FSIR-100</b> = Wireless Configuration Tool for MS/DIM <sup>12</sup><br><b>MA1252</b> =10kV Surge Module Replacement |                                                                                                                                |                                                                                                                                              |
| <b>NOTES:</b><br>1. Output Level 6 not available with PB2<br>2. Narrow-band 590nm +/- 5nm for wildlife and observatory use. Choose Output Level 1; supplied at 300mA for PB1, 600mA for PB2. Not available with HA option. Exact luminaire wattage available in IES files.<br>3. Not available with PB1. Not available with FF option, or controls options at 347V or 480V.<br>4. Operates at -20°C to +40°C. Not available with HA option.<br>5. Coastal construction finish salt spray tested to over 5,000-hours per ASTM B117, with a scribe rating of 9 per ASTM D1654.<br>6. Smart device with mobile application required to change system defaults. See controls section for details.<br>7. Includes integral photosensor.<br>8. Not available with PB1 at Output Level 1 or 2. Not available with other motion activated control options.<br>9. One required per PB light square.<br>10. Not available with PB2 at Output Levels 4 or 5.<br>11. When motion controls are selected, PB1 uses surface mount sensor in PB2 housing, PB2 uses side-mount motion sensor in PB2 housing.<br>12. The FSIR-100 configuration tool is required to adjust parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Cooper Lighting Solutions for more information.<br>13. Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to <a href="#">DOMESTIC PREFERENCES</a> website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.<br>14. Only product configurations with these prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or the Build America Buy America Act (BABA). BABA is the minimum Government compliance requirement for the Build America Buy America standards which is part of the Infrastructure and Investment Jobs Act (IIJA). Individual Government Agencies may have more stringent compliance standards. Please refer to the <a href="#">DOMESTIC PREFERENCES</a> website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements.<br>15. 480V not to be used with ungrounded or impedance grounded systems.<br>16. WAC Gateway required to enable field-configurability: Order WAC-PoE and WPOE-120 (10V to PoE injector) power supply if needed.<br>17. Replace XX with sensor color (WH, BZ, or BK). |                                     |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                           |                                                                                                                                                                                                                                        |                                                                                                                                |                                                                                                                                              |

## Product Specifications

### Construction

- Available in small (1 square) and medium (2 square) sizes
- Die-cast aluminum housing
- IP66 rated housing
- IK10 impact rated

### Optics

- 10-LED square light engine
- 5 optical distributions
- IDA Certified (3000K CCT and warmer only)
- 2 versions of field-installable shielding for superior spill light control
  - Single-piece snap-on square shields (HSS)
  - Multiple-piece configurable vertical perimeter shielding (PFS)

### Electrical

- Standard with 0-10V dimming
- Standard with 10kV surge device
- 10kV or 20kV surge protective options with series or parallel configurations
- 40°C to 40°C ambient temperature operating range with optional high ambient (HA) 50°C

### Controls

- Luminaire available with the field adjustable dimming controller (FADC) to manually adjust wattage and reduce the total lumen output and light levels. Default setting is the highest position at the lumen output selected

### Finish

- Housing finished in super durable TGIC polyester powder coat paint, 2.5 mil nominal thickness
- 3,000-hours per ASTM B117, with a scribe rating of 7 per ASTM D1654 for standard color finish
- Coastal Construction (CC) option available

### Typical Applications

- Exterior wall, walkway

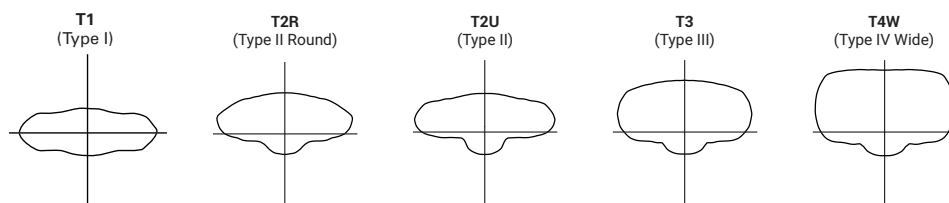
### Compliance

- BAA domestic preference option meets BAA requirements. See [DOMESTIC PREFERENCES](#) website or consult the CLS Domestic Preferences team for more information
- FHWA and FTA agencies are utilizing their BAA rules for BABA compliance. Cooper's products with a BAA designation are manufactured in the US and utilize a BAA COTS exemption rule for compliance. To verify a configured product with specific accessories and options meet BABA Domestic Preference Requirements; submit this catalog number to Cooper Lighting Quotation team for validation by our Engineering and Manufacturing teams. Please refer to the [DOMESTIC PREFERENCES](#) website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements

### Warranty

- Five year limited warranty, consult website for details. [www.cooperlighting.com/legal](http://www.cooperlighting.com/legal)

## Optical Distributions



## Energy and Performance Data

### Lumen Maintenance

| Ambient Temperature | 25,000 hours* | 50,000 hours* | 60,000 hours* | 100,000 hours* | L70*     |
|---------------------|---------------|---------------|---------------|----------------|----------|
| 25°C                | 98.1%         | 96.3%         | 95.6%         | 92.8%          | >102,000 |
| 40°C                | 98.0%         | 96.1%         | 95.3%         | 92.3%          | >102,000 |
| 50°C                | 97.8%         | 95.6%         | 94.8%         | 91.4%          | >102,000 |

**Note:** \* Calculations provided in accordance with IES TM-21-11 using the configuration resulting in highest LED temperature.

### Lumen Multiplier

| Ambient Temperature | Lumen Multiplier |
|---------------------|------------------|
| 0°C                 | 1.02             |
| 10°C                | 1.01             |
| 25°C                | 1.00             |
| 40°C                | 0.99             |
| 50°C                | 0.97             |

### FADC Settings

| FADC Position | Percent of Typical Lumen Output |
|---------------|---------------------------------|
| 1             | 25%                             |
| 2             | 48%                             |
| 3             | 56%                             |
| 4             | 65%                             |
| 5             | 75%                             |
| 6             | 80%                             |
| 7             | 85%                             |
| 8             | 90%                             |
| 9             | 95%                             |
| 10            | 100%                            |

**Note:** +/-5% typical value

### LED Color Multipliers

| CRI               | CCT  |      |      |      |      |
|-------------------|------|------|------|------|------|
|                   | 2200 | 2700 | 3000 | 4000 | 5000 |
| Lumen Multiplier* |      |      |      |      |      |
| 70                | 0.83 | 0.92 | 0.95 | 1.00 | 1.00 |

**Note:** \* Estimates, refer to IES files for accuracy.

## Energy and Performance Data

[View GKO Gekko IES files](#)

| Number of Light Squares  |        |                 | 1 Square (PB1) |          |          |          |          |          | 2 Squares (PB2) |          |          |          |          |
|--------------------------|--------|-----------------|----------------|----------|----------|----------|----------|----------|-----------------|----------|----------|----------|----------|
| Output Level             |        |                 | A              | B        | C        | D        | E        | F        | A               | B        | C        | D        | E        |
| Drive Current            |        |                 | 180mA          | 300mA    | 520mA    | 740mA    | 1100mA   | 1500mA   | 800mA           | 1250mA   | 1700mA   | 1130mA   | 1500mA   |
| Nominal Power (Watts)    |        |                 | 6              | 9        | 17       | 25       | 38       | 54       | 26              | 41       | 57       | 78       | 107      |
| Input Current @ 120V (A) |        |                 | 0.040          | 0.079    | 0.145    | 0.218    | 0.328    | 0.465    | 0.224           | 0.353    | 0.494    | 0.640    | 0.875    |
| Input Current @ 208V (A) |        |                 | 0.025          | 0.048    | 0.085    | 0.127    | 0.189    | 0.264    | 0.131           | 0.203    | 0.280    | 0.367    | 0.498    |
| Input Current @ 240V (A) |        |                 | 0.023          | 0.044    | 0.075    | 0.112    | 0.165    | 0.230    | 0.115           | 0.176    | 0.243    | 0.320    | 0.432    |
| Input Current @ 277V (A) |        |                 | 0.021          | 0.041    | 0.067    | 0.099    | 0.144    | 0.200    | 0.102           | 0.154    | 0.212    | 0.280    | 0.375    |
| Input Current @ 347V (A) |        |                 | n/a            | n/a      | 0.056    | 0.076    | 0.112    | 0.156    | 0.079           | 0.121    | 0.166    | 0.219    | 0.300    |
| Input Current @ 480V (A) |        |                 | n/a            | n/a      | 0.045    | 0.058    | 0.083    | 0.114    | 0.060           | 0.089    | 0.121    | 0.160    | 0.217    |
| CCT/<br>CRI              | Optics |                 | PB1A           | PB1B     | PB1C     | PB1D     | PB1E     | PB1F     | PB2A            | PB2B     | PB2C     | PB2D     | PB2E     |
| 70 CRI<br>2200K<br>CCT   | T1     | Lumens          | 671            | 1,307    | 2,244    | 3,184    | 4,504    | 5,814    | 3,658           | 5,547    | 7,241    | 9,059    | 11,179   |
|                          |        | Lumens per Watt | 140            | 141      | 132      | 124      | 116      | 107      | 138             | 133      | 124      | 119      | 107      |
|                          |        | BUG Rating      | B0-U0-G0       | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B2-U0-G2 | B2-U0-G2 | B1-U0-G1        | B2-U0-G2 | B2-U0-G2 | B3-U0-G3 | B3-U0-G3 |
|                          | T2R    | Lumens          | 647            | 1,259    | 2,161    | 3,067    | 4,338    | 5,600    | 3,523           | 5,342    | 6,974    | 8,726    | 10,767   |
|                          |        | Lumens per Watt | 135            | 135      | 127      | 120      | 112      | 103      | 133             | 128      | 120      | 115      | 103      |
|                          |        | BUG Rating      | B0-U0-G0       | B0-U0-G0 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1        | B1-U0-G1 | B2-U0-G2 | B2-U0-G2 | B2-U0-G2 |
|                          | T2U    | Lumens          | 640            | 1,246    | 2,138    | 3,034    | 4,292    | 5,541    | 3,486           | 5,286    | 6,901    | 8,634    | 10,653   |
|                          |        | Lumens per Watt | 133            | 134      | 126      | 119      | 111      | 102      | 132             | 126      | 119      | 113      | 102      |
|                          |        | BUG Rating      | B0-U0-G0       | B0-U0-G0 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1        | B1-U0-G1 | B2-U0-G2 | B2-U0-G2 | B2-U0-G2 |
|                          | T3     | Lumens          | 637            | 1,241    | 2,130    | 3,023    | 4,276    | 5,520    | 3,473           | 5,266    | 6,875    | 8,601    | 10,613   |
|                          |        | Lumens per Watt | 133            | 133      | 125      | 118      | 110      | 101      | 131             | 126      | 118      | 113      | 101      |
|                          |        | BUG Rating      | B0-U0-G0       | B0-U0-G0 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1        | B1-U0-G1 | B1-U0-G1 | B2-U0-G2 | B2-U0-G2 |
|                          | T4W    | Lumens          | 618            | 1,203    | 2,066    | 2,932    | 4,147    | 5,353    | 3,368           | 5,107    | 6,667    | 8,341    | 10,293   |
|                          |        | Lumens per Watt | 129            | 129      | 122      | 115      | 107      | 98       | 127             | 122      | 115      | 109      | 98       |
|                          |        | BUG Rating      | B0-U0-G0       | B0-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1        | B1-U0-G1 | B1-U0-G2 | B2-U0-G2 | B2-U0-G2 |
| 70 CRI<br>2700K<br>CCT   | T1     | Lumens          | 744            | 1,449    | 2,487    | 3,529    | 4,992    | 6,445    | 4,055           | 6,148    | 8,026    | 10,042   | 12,391   |
|                          |        | Lumens per Watt | 155            | 156      | 146      | 138      | 129      | 118      | 153             | 147      | 138      | 132      | 118      |
|                          |        | BUG Rating      | B0-U0-G0       | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B2-U0-G2 | B2-U0-G2 | B2-U0-G2        | B2-U0-G2 | B3-U0-G3 | B3-U0-G3 | B3-U0-G3 |
|                          | T2R    | Lumens          | 717            | 1,395    | 2,395    | 3,399    | 4,808    | 6,207    | 3,905           | 5,921    | 7,731    | 9,672    | 11,934   |
|                          |        | Lumens per Watt | 149            | 150      | 141      | 133      | 124      | 114      | 147             | 142      | 133      | 127      | 114      |
|                          |        | BUG Rating      | B0-U0-G0       | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1        | B1-U0-G1 | B2-U0-G2 | B2-U0-G2 | B2-U0-G2 |
|                          | T2U    | Lumens          | 709            | 1,381    | 2,370    | 3,363    | 4,757    | 6,142    | 3,864           | 5,859    | 7,649    | 9,570    | 11,808   |
|                          |        | Lumens per Watt | 148            | 148      | 139      | 131      | 123      | 113      | 146             | 140      | 131      | 126      | 113      |
|                          |        | BUG Rating      | B0-U0-G0       | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B2-U0-G2 | B1-U0-G1        | B2-U0-G2 | B2-U0-G2 | B2-U0-G2 | B3-U0-G3 |
|                          | T3     | Lumens          | 707            | 1,375    | 2,361    | 3,350    | 4,739    | 6,118    | 3,849           | 5,837    | 7,620    | 9,533    | 11,763   |
|                          |        | Lumens per Watt | 147            | 148      | 139      | 131      | 122      | 112      | 145             | 140      | 131      | 125      | 112      |
|                          |        | BUG Rating      | B0-U0-G0       | B0-U0-G0 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1        | B1-U0-G1 | B1-U0-G2 | B2-U0-G2 | B2-U0-G2 |
|                          | T4W    | Lumens          | 685            | 1,334    | 2,290    | 3,249    | 4,596    | 5,934    | 3,733           | 5,661    | 7,390    | 9,246    | 11,409   |
|                          |        | Lumens per Watt | 143            | 143      | 135      | 127      | 119      | 109      | 141             | 135      | 127      | 121      | 109      |
|                          |        | BUG Rating      | B0-U0-G0       | B0-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1        | B1-U0-G1 | B1-U0-G2 | B2-U0-G2 | B2-U0-G2 |

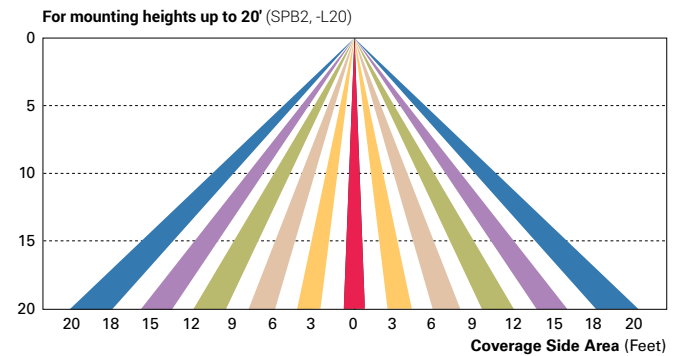
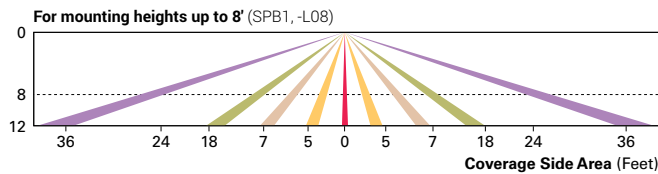
| Number of Light Squares         |        |                 | 1 Square (PB1) |          |          |          |          |          | 2 Squares (PB2) |          |          |          |          |
|---------------------------------|--------|-----------------|----------------|----------|----------|----------|----------|----------|-----------------|----------|----------|----------|----------|
| Output Level                    |        |                 | A              | B        | C        | D        | E        | F        | A               | B        | C        | D        | E        |
| Drive Current                   |        |                 | 180mA          | 300mA    | 520mA    | 740mA    | 1100mA   | 1500mA   | 800mA           | 1250mA   | 1700mA   | 1130mA   | 1500mA   |
| Nominal Power (Watts)           |        |                 | 6              | 9        | 17       | 25       | 38       | 54       | 26              | 41       | 57       | 78       | 107      |
| Input Current @ 120V (A)        |        |                 | 0.040          | 0.079    | 0.145    | 0.218    | 0.328    | 0.465    | 0.224           | 0.353    | 0.494    | 0.640    | 0.875    |
| Input Current @ 208V (A)        |        |                 | 0.025          | 0.048    | 0.085    | 0.127    | 0.189    | 0.264    | 0.131           | 0.203    | 0.280    | 0.367    | 0.498    |
| Input Current @ 240V (A)        |        |                 | 0.023          | 0.044    | 0.075    | 0.112    | 0.165    | 0.230    | 0.115           | 0.176    | 0.243    | 0.320    | 0.432    |
| Input Current @ 277V (A)        |        |                 | 0.021          | 0.041    | 0.067    | 0.099    | 0.144    | 0.200    | 0.102           | 0.154    | 0.212    | 0.280    | 0.375    |
| Input Current @ 347V (A)        |        |                 | n/a            | n/a      | 0.056    | 0.076    | 0.112    | 0.156    | 0.079           | 0.121    | 0.166    | 0.219    | 0.300    |
| Input Current @ 480V (A)        |        |                 | n/a            | n/a      | 0.045    | 0.058    | 0.083    | 0.114    | 0.060           | 0.089    | 0.121    | 0.160    | 0.217    |
| CCT/<br>CRI                     | Optics |                 | PB1A           | PB1B     | PB1C     | PB1D     | PB1E     | PB1F     | PB2A            | PB2B     | PB2C     | PB2D     | PB2E     |
| 70 CRI<br>3000K<br>CCT          | T1     | Lumens          | 760            | 1,480    | 2,541    | 3,606    | 5,100    | 6,585    | 4,143           | 6,282    | 8,201    | 10,260   | 12,660   |
|                                 |        | Lumens per Watt | 158            | 159      | 149      | 141      | 132      | 121      | 156             | 150      | 141      | 135      | 121      |
|                                 |        | BUG Rating      | B0-U0-G0       | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B2-U0-G2 | B2-U0-G2 | B2-U0-G2        | B2-U0-G2 | B3-U0-G3 | B3-U0-G3 | B3-U0-G3 |
|                                 | T2R    | Lumens          | 732            | 1,426    | 2,447    | 3,473    | 4,912    | 6,342    | 3,990           | 6,050    | 7,899    | 9,882    | 12,194   |
|                                 |        | Lumens per Watt | 153            | 153      | 144      | 136      | 127      | 116      | 151             | 145      | 136      | 130      | 116      |
|                                 |        | BUG Rating      | B0-U0-G0       | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B2-U0-G2 | B1-U0-G1        | B1-U0-G1 | B2-U0-G2 | B2-U0-G2 | B2-U0-G2 |
|                                 | T2U    | Lumens          | 725            | 1,411    | 2,422    | 3,436    | 4,861    | 6,275    | 3,948           | 5,986    | 7,815    | 9,778    | 12,065   |
|                                 |        | Lumens per Watt | 151            | 152      | 142      | 134      | 126      | 115      | 149             | 143      | 134      | 128      | 115      |
|                                 |        | BUG Rating      | B0-U0-G0       | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B2-U0-G2 | B1-U0-G1        | B2-U0-G2 | B2-U0-G2 | B2-U0-G2 | B3-U0-G3 |
|                                 | T3     | Lumens          | 722            | 1,405    | 2,412    | 3,423    | 4,842    | 6,251    | 3,933           | 5,964    | 7,786    | 9,741    | 12,019   |
|                                 |        | Lumens per Watt | 150            | 151      | 142      | 134      | 125      | 115      | 148             | 143      | 134      | 128      | 115      |
|                                 |        | BUG Rating      | B0-U0-G0       | B0-U0-G0 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1        | B1-U0-G1 | B1-U0-G2 | B2-U0-G2 | B2-U0-G2 |
|                                 | T4W    | Lumens          | 700            | 1,363    | 2,340    | 3,320    | 4,696    | 6,063    | 3,814           | 5,784    | 7,551    | 9,447    | 11,657   |
|                                 |        | Lumens per Watt | 146            | 147      | 138      | 130      | 121      | 111      | 144             | 138      | 130      | 124      | 111      |
|                                 |        | BUG Rating      | B0-U0-G0       | B0-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1        | B1-U0-G1 | B2-U0-G2 | B2-U0-G2 | B2-U0-G2 |
| 70 CRI<br>4000K<br>5000K<br>CCT | T1     | Lumens          | 809            | 1,575    | 2,703    | 3,836    | 5,426    | 7,005    | 4,407           | 6,683    | 8,724    | 10,915   | 13,468   |
|                                 |        | Lumens per Watt | 169            | 169      | 159      | 150      | 140      | 129      | 166             | 160      | 150      | 143      | 129      |
|                                 |        | BUG Rating      | B0-U0-G0       | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B2-U0-G2 | B2-U0-G2 | B2-U0-G2        | B2-U0-G2 | B3-U0-G3 | B3-U0-G3 | B3-U0-G3 |
|                                 | T2R    | Lumens          | 779            | 1,517    | 2,604    | 3,695    | 5,226    | 6,747    | 4,245           | 6,436    | 8,403    | 10,513   | 12,972   |
|                                 |        | Lumens per Watt | 162            | 163      | 153      | 144      | 135      | 124      | 160             | 154      | 144      | 138      | 124      |
|                                 |        | BUG Rating      | B0-U0-G0       | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B2-U0-G2 | B1-U0-G1        | B2-U0-G2 | B2-U0-G2 | B2-U0-G2 | B3-U0-G3 |
|                                 | T2U    | Lumens          | 771            | 1,501    | 2,576    | 3,656    | 5,171    | 6,676    | 4,200           | 6,368    | 8,314    | 10,402   | 12,835   |
|                                 |        | Lumens per Watt | 161            | 161      | 152      | 143      | 134      | 122      | 158             | 152      | 143      | 137      | 123      |
|                                 |        | BUG Rating      | B0-U0-G0       | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B2-U0-G2 | B1-U0-G1        | B2-U0-G2 | B2-U0-G2 | B2-U0-G2 | B3-U0-G3 |
|                                 | T3     | Lumens          | 768            | 1,495    | 2,566    | 3,642    | 5,151    | 6,650    | 4,184           | 6,344    | 8,283    | 10,362   | 12,786   |
|                                 |        | Lumens per Watt | 160            | 161      | 151      | 142      | 133      | 122      | 158             | 152      | 142      | 136      | 122      |
|                                 |        | BUG Rating      | B0-U0-G0       | B0-U0-G0 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1        | B1-U0-G1 | B2-U0-G2 | B2-U0-G2 | B2-U0-G2 |
|                                 | T4W    | Lumens          | 745            | 1,450    | 2,489    | 3,532    | 4,996    | 6,450    | 4,058           | 6,153    | 8,033    | 10,050   | 12,401   |
|                                 |        | Lumens per Watt | 155            | 156      | 146      | 138      | 129      | 118      | 153             | 147      | 138      | 132      | 118      |
|                                 |        | BUG Rating      | B0-U0-G0       | B0-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1        | B1-U0-G1 | B2-U0-G2 | B2-U0-G2 | B2-U0-G2 |

## Control Options

**0-10V** This fixture is offered standard with 0-10V dimming driver(s). Standard with 0-10V dimming wire leads for use with a lighting control panel or other control method.

**Photocontrol (BPC)** Optional button-type photocontrol (BPC) provides a flexible solution to enable “dusk-to-dawn” lighting by sensing light levels.

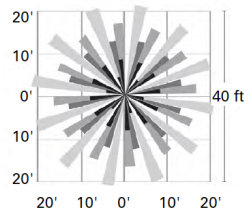
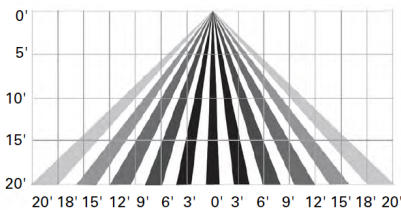
**Dimming Occupancy Sensor (SPB, MS/DIM-LXX)** These sensors are factory installed in the luminaire housing. When the SPB or MS/DIM sensor options are selected, the occupancy sensor is connected to a dimming driver and the entire luminaire dims when there is no activity detected. When activity is detected, the luminaire returns to full light output. The MS/DIM sensor is factory preset to dim down to approximately 50 percent power with a time delay of five minutes. SPB motion sensors require the Sensor Configuration mobile application by Wattstopper to change factory default dimming level, time delay, sensitivity and other parameters. Available for iOS and Android devices. The SPB sensor is factory preset to dim down to approximately 10% power with a time delay of five minutes. The MS/DIM occupancy sensors require the FSIR-100 programming tool to adjust factory defaults.



## WaveLinx Wireless Control and Monitoring System

Operates on a wireless mesh network based on IEEE 802.15.4 standards enabling wireless control of outdoor lighting. WaveLinx (WPS2 to WPS4) outdoor wireless sensors offer passive infrared (PIR) occupancy and photocell for closed loop daylight harvesting. Sensors are factory preset to dim down to 50% after 15 minutes of no motion detected. Two lens options are available for mounting heights of 7' to 40'. Use the WaveLinx mobile application for set-up and configuration. At least one Wireless Area Controller (WAC) is required for full functionality and remote communication (including adjustment of any factory pre-sets). WaveLinx Lite (WLS4 and WLS2) outdoor wireless sensors provide PIR occupancy and photocell for closed loop daylight harvesting. Sensors are factory preset to dim down to 50% after 15 minutes of no motion detected. Two lens options are available for mounting heights of 7' to 40'. Use the WaveLinx Lite mobile application for set-up and configuration. WAC not required. The out-of-box functionality is ON at dusk and OFF at dawn.

**For mounting heights up to 15' (WPS2 and WLS2)**



**For mounting heights up to 40' (WPS4 and WLS4)**

