

## FEATURES

### Construction:

- Rugged one-piece, die-cast aluminum housing secures the thermally conductive LED panel and electrical chamber.
- Housing is completely sealed against moisture and environmental contaminants.
- IK08 Rated

### Optics:

- Available in IES Type III, IV, V, and 90°x120° distributions.
- CCT Selectable engine, 3000K, 3500K, 4000K and 5000K (70 CRI) configurations.
- Lumen Packages from 12,201 to 48,000 Lumens replaces up to 1000W Metal Halide.
- Optics are precisely designed to shape the distribution, maximizing efficiency and application spacing.
- BUG Rating: 150W B3-U0-G3 / 300W B5-U0-G4

### Electrical:

- 120-277 VAC input voltage
- Standard with 0-10V dimming driver(s)
- THD: ≤15%
- Power Factor: 0.95
- 20kV Surge Protection Standard

### Ambient Temperature:

- Ambient operating temperature -40°F to 113°F

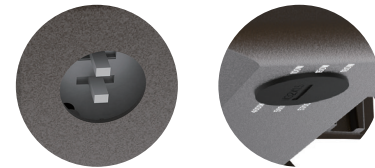
### Lifespan:

- Estimated 70,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

### Finish:



|          |      |
|----------|------|
| Project: | Date |
| Type:    |      |
| Model:   |      |



Dip switch for  
Wattage & CCT Selectable.

## ORDER INFORMATION

EXAMPLE: GLZ4-CCTS-WS150-Y-3M-SF-SV



| Series                    | CCT Selectable                                                         | Wattage Selectable                                                              | Voltage              | Optics                                                                          | Mounting                                                                                                      | Finish                                                                                                   | Back-light Shield                                                   |
|---------------------------|------------------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>GLZ4</b><br>Area Light | <b>CCTS</b><br>Selectable Color Temperature<br>(3000K / 4000K / 5000K) | <b>WS150</b><br>(150W / 120W / 80W)<br><br><b>WS300</b><br>(300W / 240W / 185W) | <b>Y</b><br>120-277V | <b>3M</b><br><b>4M</b><br><b>5M</b><br><b>TO</b><br>Tennis Optics<br>(90°x120°) | <b>SF</b><br>Slip Fitter<br><br><b>DA</b><br>Direct Arm<br><br><b>YK</b><br>Yoke<br><br><b>TR</b><br>Trunnion | <b>BK**</b><br>Black<br><br><b>WH**</b><br>White<br><br><b>BZ</b><br>Bronze<br><br><b>SV**</b><br>Silver | <b>Blank</b><br>Standard<br><br><b>BS**</b><br>Back-light<br>Shield |

Enter configuration:

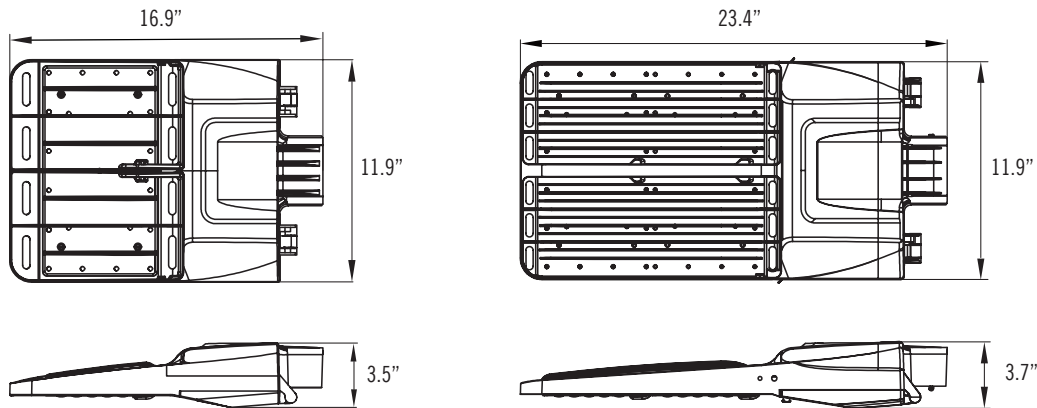
\*\* Special Order / Made to order finish

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

PERFORMANCE DATA

| Series No.                | GLZ4-WS150W              | GLZ4-WS300W               |
|---------------------------|--------------------------|---------------------------|
| Power                     | 80W / 120W / <b>150W</b> | 185W / 240W / <b>300W</b> |
| Lumens                    | 12,800 / 19,200 / 24,000 | 29,600 / 38,400 / 48,000  |
| Efficacy                  | 160 Lm/W                 | 160 Lm/W                  |
| Fixture Weight            | 14.1 lb                  | 21.6 lb                   |
| EPA                       | 0.23ft²                  | 0.42ft²                   |
| Dimensions<br>(L x W x H) | 16 x 11.9 x 3.5 in       | 23.4 x 11.9 x 3.5 in      |
| Input                     | 120-277V                 | 120-277V                  |

DIMENSIONS



Mounting



| 150W (GLZ4-T3M) Polar Candela                                                                                                                      |  | ROADWAY SUMMARY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | LCS Table                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <div><div><div>Polar Candela</div><div><div>■</div> - Max Cd: 55° H</div><div><div>■</div> - 0° H</div><div><div>■</div> - 90° H</div></div></div> |  | <div>Cutoff Classification: FULL CUTOFF</div> <div>Distribution: TYPE III, SHORT</div> <div>Max Cd, 90 Deg Vert: 0.000</div> <div>Max Cd, 80 to &lt;90 Deg: 705.2</div> <div><div><div></div><div>Lumens</div></div><div><div></div><div>% Lamp</div></div></div> <div>Downward Street Side: 15,119.3 62.9%</div> <div>Downward House Side: 8,678.0 36.1%</div> <div>Downward Total: 23,797.3 99%</div> <div>Upward Street Side: 0.000 0%</div> <div>Upward House Side: 0.000 0%</div> <div>Upward Total: 0.000 0%</div> <div>Total Lumens: 23,797.3 99%</div> |  | <div><div>BUG Rating</div><div>B3 - U0 - G3</div></div> <div><div>Forward Light</div><div><div>Lumens</div><div>Lumens%</div></div><div>Low(0-30): 2,598.2 10.8%</div><div>Medium(30-60): 8,646.3 36.0%</div><div>High(60-80): 3,773.5 15.7%</div><div>Very High(80-90): 101.4 0.4%</div></div> <div><div>Back Light</div><div>Low(0-30): 2,247.1 9.3%</div><div>Medium(30-60): 4,916.1 20.4%</div><div>High(60-80): 1,440.9 6%</div><div>Very High(80-90): 73.9 0.3%</div></div> <div><div>Uplight</div><div>High(90-100): 0.000 0%</div><div>Very High(100-180): 0.000 0%</div></div> <div><div>Trapped Light:</div><div>243.7 1%</div></div> |  |

| 300W (GLZ4-T3M) Polar Candela                                                             | ROADWAY SUMMARY        |                 |                       | LCS Table            |                            |         |
|-------------------------------------------------------------------------------------------|------------------------|-----------------|-----------------------|----------------------|----------------------------|---------|
| <div><p><b>Polar Candela</b></p><p>■ - Max Cd: 55° H<br/>■ - 0° H<br/>■ - 90° H</p></div> | Cutoff Classification: | FULL CUTOFF     |                       | <b>BUG Rating</b>    | <u><b>B5 - U0 - G4</b></u> |         |
|                                                                                           | Distribution:          | TYPE III, SHORT |                       | <b>Forward Light</b> | Lumens                     | Lumens% |
|                                                                                           | Max Cd, 90 Deg Vert:   | 0.000           |                       | Low(0-30):           | 5,439.5                    | 11.1%   |
|                                                                                           | Max Cd, 80 to <90 Deg: | 1,285.2         |                       | Medium(30-60):       | 18,238.0                   | 37.2%   |
|                                                                                           |                        | <u>Lumens</u>   | <u>% Lamp</u>         | High(60-80):         | 7,032.3                    | 14.4%   |
|                                                                                           | Downward Street Side:  | 30,911.2        | 63.1%                 | Very High(80-90):    | 201.4                      | 0.4%    |
|                                                                                           | Downward House Side:   | 17,582.8        | 35.9%                 | <b>Back Light</b>    |                            |         |
|                                                                                           | Downward Total:        | 48,494.1        | 99%                   | Low(0-30):           | 4,430.1                    | 9%      |
|                                                                                           | Upward Street Side:    | 0.000           | 0%                    | Medium(30-60):       | 10,092.8                   | 20.6%   |
|                                                                                           | Upward House Side:     | 0.000           | 0%                    | High(60-80):         | 2,895.5                    | 5.9%    |
| <u>Upward Total:</u>                                                                      | <u>0.000</u>           | <u>0%</u>       | Very High(80-90):     | 164.5                | 0.3%                       |         |
| Total Lumens:                                                                             | 48,494.1               | 99%             | <b>Uplight</b>        |                      |                            |         |
|                                                                                           |                        |                 | High(90-100):         | 0.000                | 0%                         |         |
|                                                                                           |                        |                 | Very High(100-180):   | <u>0.000</u>         | <u>0%</u>                  |         |
|                                                                                           |                        |                 | <b>Trapped Light:</b> | 504.0                | 1%                         |         |