Project:	Date
Type:	
Model:	

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, 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.

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:
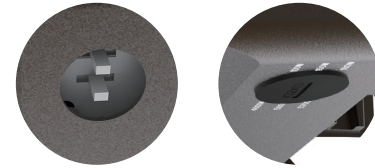- Ambient operating temperature -40ºF to 113ºF

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

Finish:

Black RAL9011	Bronze RAL7022	Silver RAL7004	White RAL9010

Dip switch for
Wattage & CCT Selectable.

ORDER INFORMATION

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

3 CCT SELECTABLE   POWER SELECTABLE   RoHS COMPLIANT   70,000 Hours   LIMITED WARRANTY 5 YEAR   IP65 Rated   ETL INTERTEK LISTED   DLC LISTED PREMIUM

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

16.9" · 11.9" · 3.5"

23.4" · 11.9" · 3.7"
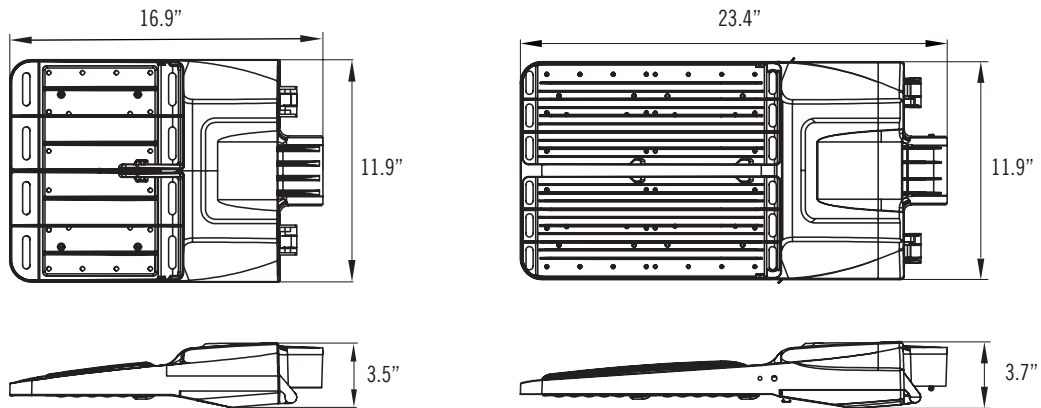
Mounting

Slip Fitter (ADJ.) · Direct Arm · Trunnion · Yoke

LUMINOSO®
LED LIGHTING

150W (GLZ4-T3M) Polar Candela

Polar Candela

- Max Cd: 55° H
- 0° H
- 90° H

ROADWAY SUMMARY

Distribution:		TYPE III, SHORT
Max Cd, 90 Deg Vert:		54.8
Max Cd, 80 to <90 Deg:		705.2
	Lumens	% Lamp
Downward Street Side:	15,119.9	62.9%
Downward House Side:	8,678.6	36.1%
Downward Total:	23,798.5	99.0%
Upward Street Side:	89.0	0.4%
Upward House Side:	154.0	0.6%
Upward Total:	242.9	1%
Total Lumens:	24,041.4	100%

LCS Table

BUG Rating		**B3 - U3 - G3**
Forward Light	Lumens	Lumens%
Low(0-30):	2,598.2	10.8%
Medium(30-60):	8,646.3	36.0%
High(60-80):	3,773.5	15.7%
Very High(80-90):	102.0	0.4%
Back Light		
Low(0-30):	2,247.1	9.3%
Medium(30-60):	4,916.1	20.4%
High(60-80):	1,440.9	6%
Very High(80-90):	74.5	0.3%
Uplight		
High(90-100):	18.1	0.1%
Very High(100-180):	224.8	0.9%
Trapped Light:	0.000	0%

300W (GLZ4-T3M) Polar Candela

Polar Candela

- Max Cd: 55° H
- 0° H
- 90° H

ROADWAY SUMMARY

Distribution:		TYPE III, SHORT
Max Cd, 90 Deg Vert:		236.0
Max Cd, 80 to <90 Deg:		1,285.2
	Lumens	% Lamp
Downward Street Side:	30,913.2	63.1%
Downward House Side:	17,584.4	35.9%
Downward Total:	48,497.6	99%
Upward Street Side:	195.7	0.4%
Upward House Side:	305.0	0.6%
Upward Total:	500.7	1%
Total Lumens:	48,998.3	100%

LCS Table

BUG Rating		**B5 - U3 - G4**
Forward Light	Lumens	Lumens%
Low(0-30):	5,439.5	11.1%
Medium(30-60):	18,238.0	37.2%
High(60-80):	7,032.3	14.43%
Very High(80-90):	203.4	0.4%
Back Light		
Low(0-30):	4,430.1	9.2%
Medium(30-60):	10,092.8	20.6%
High(60-80):	2,895.5	5.9%
Very High(80-90):	166.1	0.3%
Uplight		
High(90-100):	52.5	0.1%
Very High(100-180):	448.2	0.9%
Trapped Light:	0.000	0%