

GLZ4 WS CCTS Series

Date

LED Area Light with Selectable Power & CCT

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.

Optics:

- Available in IES Type III, IV, V, and 90°x120° distributions.
- CCT Selectable engine, 3000K, 3500K, 4000K and 5000K (80 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:

ORDER INFORMATION

• 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:





White RAL9010





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

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

Enter configuration:

** Special Order

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.

E



Model:	

Project:

Type:

NA - -I - I





Dip switch for Wattage & CCT Selectable.

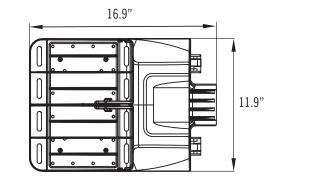




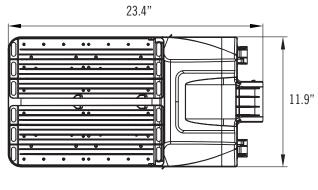
PERFORMANCE DATA

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	0.23ft ²	0.42ft ²			
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			

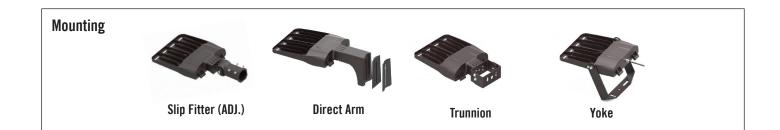
DIMENSIONS















150W (GLZ4-1	T3M) Polar Candela	ROADWAY SUMMARY			LCS Table		
Polar Candela		Distribution:	TYPE	III, SHORT	BUG Rating	B3 - L	13 - G3
9,200	180° 170° 160° 150° 140°	Max Cd, 90 Deg Vert:		54.8	Forward Light	Lumens	Lumens%
7,667	130°	Max Cd, 80 to <90 Deg:		705.2	Low(0-30):	2,598.2	10.8%
6,133	120°	_	Lumens	% Lamp	Medium(30-60):	8,646.3	36.0%
4,600	110°	Downward Street Side:	15,119.9	62.9%	High(60-80):	3,773.5	15.7%
3,067		Downward House Side:	8,678.6	36.1%	Very High(80-90):	102.0	0.4%
1,533	100°	Downward Total:	23,798.5	99.0%	Back Light		
0.00	90°	Upward Street Side:	89.0	0.4%	Low(0-30):	2,247.1	9.3%
3,067	700	Upward House Side:	154.0	0.6%	Medium(30-60):	4,916.1	20.4%
4,600		Upward Total:	242.9	1%	High(60-80):	1,440.9	6%
6,133	60°	Total Lumens:	24,041.4	100%	Very High(80-90):	74.5	0.3%
7,667	50°				Uplight		
9,200	VA: 0° 10° 20° 30° 40°				High(90-100) <u>:</u>	18.1	0.1%
- Max Cd					Very High(100-180):	<u>224.8</u>	0.9%
- 90° H					Trapped Light:	0.000	0%

300W ((GLZ4-T3M) Polar Candela	ROADWAY SUMMARY			LCS Table		
	Polar Candela	Distribution:	TYPE	III, SHORT	BUG Rating	B5 - L	J3 - G4
19,000	180° 170° 160° 150° 140°	Max Cd, 90 Deg Vert:		236.0	Forward Light	Lumens	Lumens%
15,833	130°	Max Cd, 80 to <90 Deg:		1,285.2	Low(0-30):	5,439.5	11.1%
12,667 —	120°	_	Lumens	% Lamp	Medium(30-60):	18,238.0	37.2%
9,500 -		Downward Street Side:	30,913.2	63.1%	High(60-80):	7,032.3	14.43%
6,333 -	110°	Downward House Side:	17,584.4	35.9%	Very High(80-90):	203.4	0.4%
3,167 —	100°	Downward Total:	48,497.6	99%	Back Light		
0.00	90°	Upward Street Side:	195.7	0.4%	Low(0-30):	4,430.1	9.2%
6,333	710	Upward House Side:	305.0	0.6%	Medium(30-60):	10,092.8	20.6%
9,500 -		Upward Total:	500.7	1%	High(60-80):	2,895.5	5.9%
12,667	60°	Total Lumens:	48,998.3	100%	Very High(80-90):	166.1	0.3%
15,833	50°				Uplight		
19,000	VA: 0° 10° 20° 30° 40°				High(90-100):	52.5	0.1%
	- Max Cd: 55° H - 0° H				Very High(100-180):	448.2	0.9%
	- 90° H				Trapped Light:	0.000	0%

