

GSSI GROUP

LED GREENLIGHTING

Save Energy . . . Save Money . . . Save the Earth

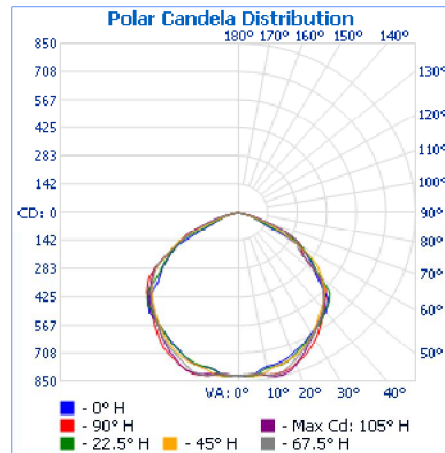
Model TLA-50 Outdoor Area Light



Specifications and Characteristics

(test results using warm white luminaire)

Lighting	
Luminaire:	4 High Power LEDs IESNA: LM-63
Rated Lumens:	3600 (True White); 2600 (Warm White)
Max Candela:	845.9 at Horizontal: 105°, Vertical 12.5°
Correlated Color Temperature (CCT):	True White: 5,000 ~ 7,000 K Warm White: 3,000 ~ 4,000 K
Color Rendering Index (CRI)	Ra > 80
Photometry:	Type C
Warranty:	8 Years, 60,000 hrs.
Electrical	
LED Watts:	46W
Total Watts:	50W
Rated Voltage:	100 - 305V
Input Wattage:	46.8
IP Rating:	65; 68
Certification:	Laser Testing, CE, FCC, LVD, RoHS
Environmental	
Temperature Range Ambient:	-30°C ~ 50°C
Humidity Range	10% ~ 90% relative humidity
Packing Information	
Dimension:	11.0(l)x9.4(w)x3.3(h)
Net Weight:	14.3 lbs
Pieces per carton:	1



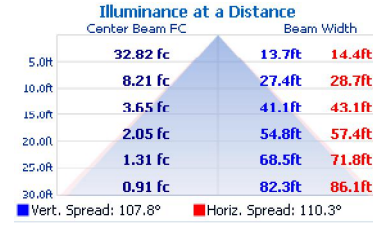
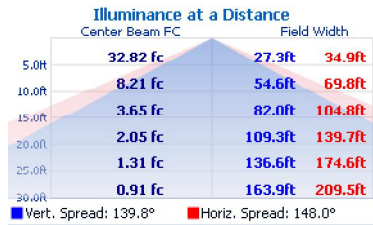
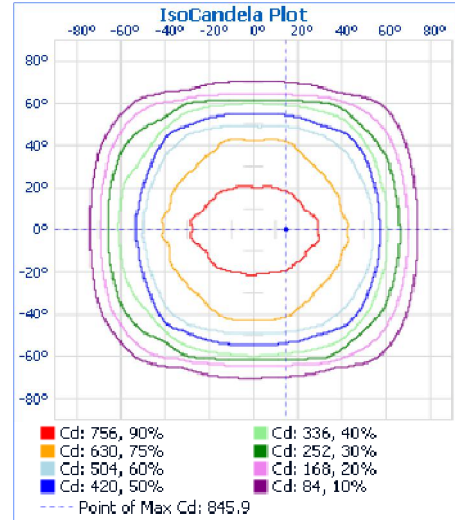
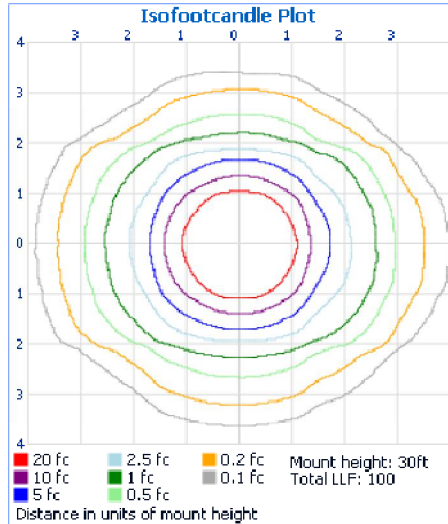
Flood Summary				
	Efficiency	Lumens	Spread	
			Horizontal	Vertical
Field (10%):	97.9%	2,168.4	148.0	139.8
Beam (50%):	79.9%	1,770.6	110.3	107.8
Total:	99.5%	2,205.4		

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Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	78.2	3.5%	90-100	0.0	0.0%
10-20	227.2	10.3%	100-110	0.0	0.0%
20-30	346.0	15.7%	110-120	0.0	0.0%
30-40	423.5	19.2%	120-130	0.0	0.0%
40-50	455.8	20.7%	130-140	0.0	0.0%
50-60	388.9	17.6%	140-150	0.0	0.0%
60-70	225.8	10.2%	150-160	0.0	0.0%
70-80	56.0	2.5%	160-170	0.0	0.0%
80-90	4.5	0.2%	170-180	0.0	0.0%

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Luminaire
0-30	651.4	29.4%	29.5%
0-40	1,074.9	48.5%	48.7%
0-60	1,919.6	86.6%	87.0%
60-90	286.3	12.9%	13.0%
0-90	2,205.9	99.5%	100.0%
90-180	0.0	0.0%	0.0%
0-180	2,205.9	99.5%	100.0%

Efficiency Total: 99.5%