

GSSI GROUP

LED GREENLIGHTING

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

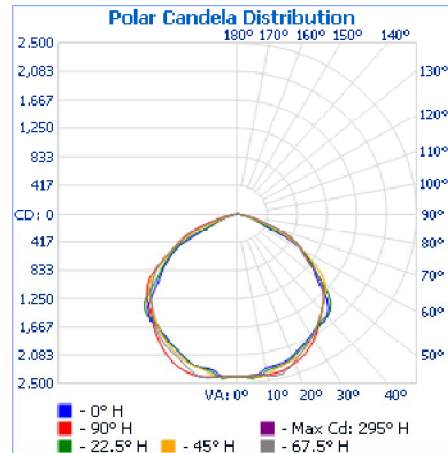
Model TLA-150 Outdoor Area Light



Specifications and Characteristics

(test results using warm white luminaire)

| Lighting | |
|-------------------------------------|--|
| Luminaire: | 12 High Power LEDs IESNA: LM-63 |
| Rated Lumens: | 10800 (True White); 7800 (Warm White) |
| Max Candela: | 2479.4 at Horizontal: 295°, 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: | 145W |
| Total Watts: | 150W |
| Rated Voltage: | 100 - 240V |
| Input Wattage: | 145.5 |
| IP Rating: | 65 |
| Certification: | Laser Testing, CE, FCC, LVD, RoHS |
| Environmental | |
| Temperature Range Ambient: | -30°C ~ 50°C |
| Humidity Range | 10% ~ 90% relative humidity |
| Packing Information | |
| Dimension: | 9.4(l)x3.3(w)x19.7(h) |
| Net Weight: | 17.6 lbs |
| Pieces per carton: | 1 |



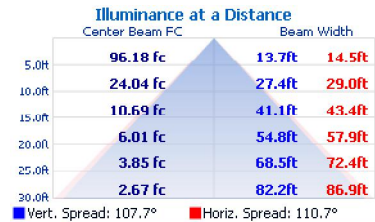
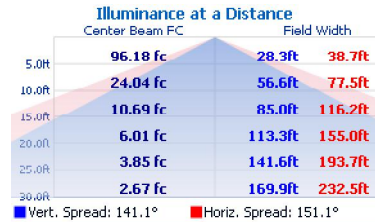
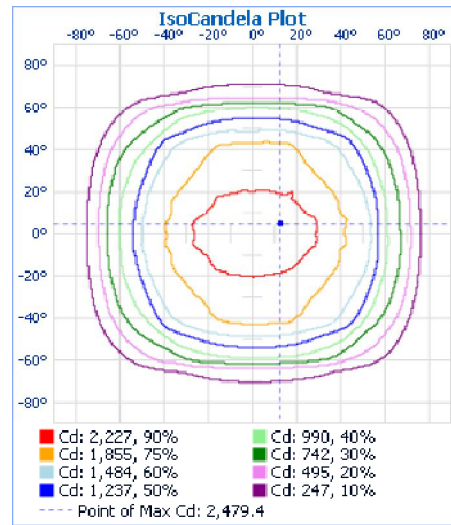
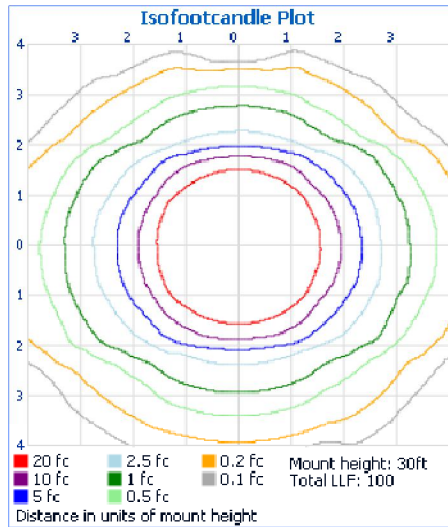
| Flood Summary | | | | |
|---------------|--------------|----------------|------------|----------|
| | Efficiency | Lumens | Spread | |
| | | | Horizontal | Vertical |
| Field (10%): | 98.2% | 6,391.4 | 151.1 | 141.1 |
| Beam (50%): | 79.2% | 5,156.0 | 110.7 | 107.7 |
| Total: | 99.9% | 6,503.6 | | |

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| Lumens Per Zone | | | | | |
|-----------------|---------|---------|---------|--------|---------|
| Zone | Lumens | % Total | Zone | Lumens | % Total |
| 0-10 | 229.4 | 3.5% | 90-100 | 0.0 | 0.0% |
| 10-20 | 665.6 | 10.2% | 100-110 | 0.0 | 0.0% |
| 20-30 | 1,015.0 | 15.6% | 110-120 | 0.0 | 0.0% |
| 30-40 | 1,243.1 | 19.1% | 120-130 | 0.0 | 0.0% |
| 40-50 | 1,332.8 | 20.5% | 130-140 | 0.0 | 0.0% |
| 50-60 | 1,135.4 | 17.5% | 140-150 | 0.0 | 0.0% |
| 60-70 | 673.4 | 10.4% | 150-160 | 0.0 | 0.0% |
| 70-80 | 192.0 | 3.0% | 160-170 | 0.0 | 0.0% |
| 80-90 | 18.6 | 0.3% | 170-180 | 0.0 | 0.0% |

| Zonal Lumen Summary | | | |
|---------------------|---------|--------|-------------|
| Zone | Lumens | % Lamp | % Luminaire |
| 0-30 | 1,910.0 | 29.4% | 29.4% |
| 0-40 | 3,153.1 | 48.5% | 48.5% |
| 0-60 | 5,621.4 | 86.4% | 86.4% |
| 60-90 | 884.1 | 13.6% | 13.6% |
| 0-90 | 6,505.4 | 100.0% | 100.0% |
| 90-180 | 0.0 | 0.0% | 0.0% |
| 0-180 | 6,504.4 | 100.0% | 100.0% |

Efficiency Total: 100.0%