

# 1006-LED-100 Baylite 1006-LED-150 Baylite



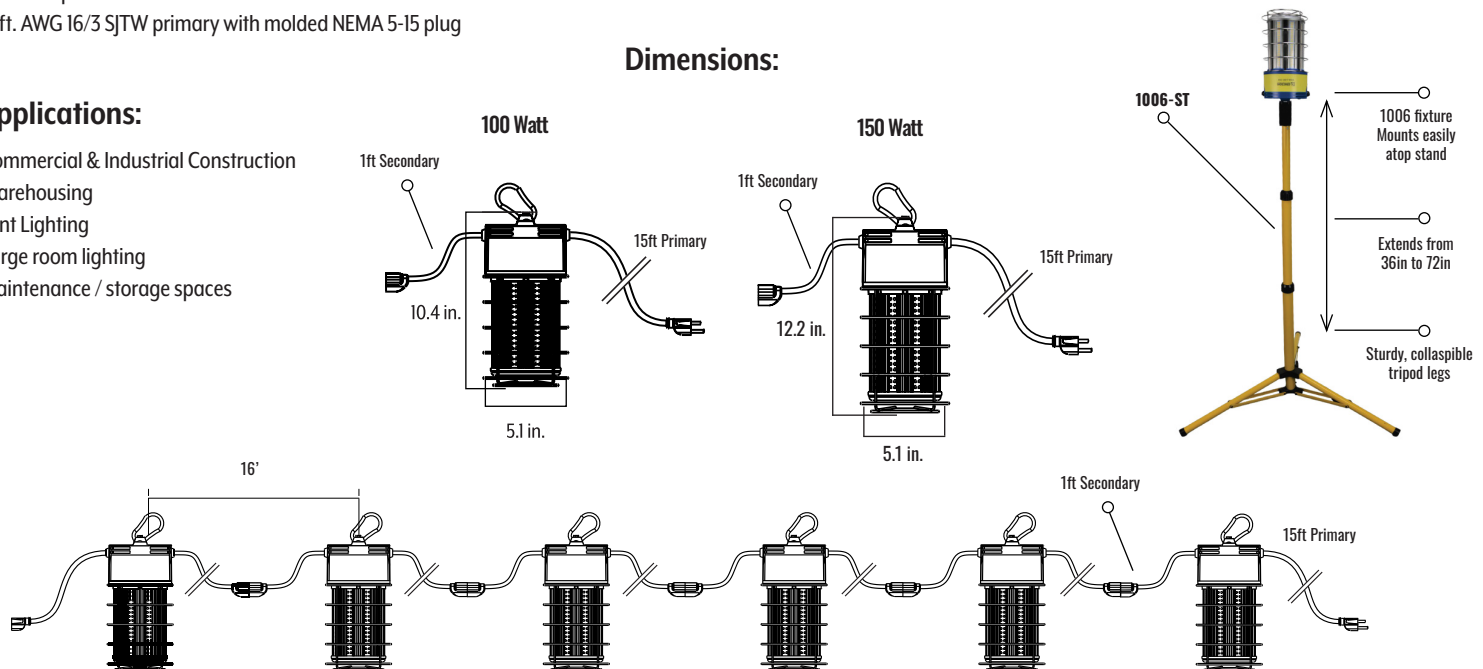
## Standard Features:

- cETLus listed to ULI53, CSA C22.2 No. 250.4
- IP64 damp location, under roof rated
- No fan design, die-casting aluminum heat sink to speed up heat dissipation
- Isolated constant current power supply. 6000V surge protection
- Stainless steel guard for impact protection
- 12,000 Lumens (100W), 18,000 lumens (150W)
- 120 lumens / watt
- Color temperature 5000K
- 15 ft. AWG 16/3 SJTW primary with molded NEMA 5-15 plug
- 1 ft. AWG 16/3 SJTW secondary with molded NEMA 5-15 connector
- Driver range 100-277VAC
- Limited 5-year warranty
- Meets OSHA requirements in CFR 1915.82(b) for shipyards and CFR 1926.405(j)(1) for construction
- Recommended placement to achieve OSHA min 5fc: 50'x50' grid for 100W, 60'x60' for 150W

## Applications:

- Commercial & Industrial Construction
- Warehousing
- Tent Lighting
- Large room lighting
- Maintenance / storage spaces

## Dimensions:



## Selection Guide:

Part Number	Input Voltage	Input Wattage	Primary	Secondary	Lumens	CCT	Efficiency	Operating Temperature	CRI	Listing
1006-LED-100	120 VAC*	100W	15 ft. Overmolded NEMA 5-15 Plug	1' Overmolded NEMA 5-15 Connector	12,000	5,000K	120 LPW	-40° C to 60° C	>80	cETLus
1006-LED-150	120 VAC*	150W	15 ft. Overmolded NEMA 5-15 Plug	1' Overmolded NEMA 5-15 Connector	18,000	5,000K	120 LPW	-40° C to 60° C	>80	cETLus
Light and Stand Combo										
1006-LED-100-ST	120 VAC*	100W	15 ft. Overmolded NEMA 5-15	1' Overmolded NEMA 5-15 Connector	12,000	5,000K	120 LPW	-40° C to 60° C	>80	cETLus
1006-LED-150-ST	120 VAC*	150W	15 ft. Overmolded NEMA 5-15	1' Overmolded NEMA 5-15 Connector	18,000	5,000K	120 LPW	-40° C to 60° C	>80	cETLus

Telescoping Light Stand	Telescoping Dimension
1006-ST	36in - 72in

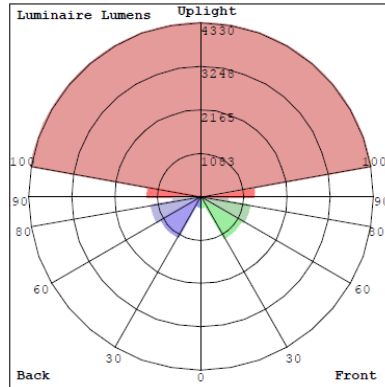
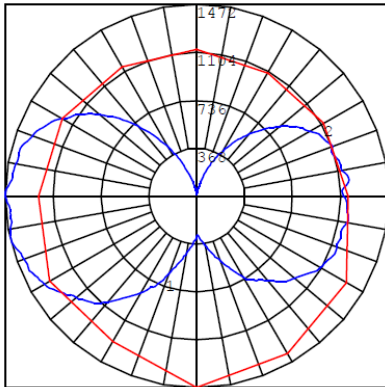
## Locking Plug and Connector Options:

Part Number/Plug/Connector	NEMA Config	Volt/AMP	Poles/Wires
EL515P/EL515C	L5-15	125/15A	2-pole/3-wire
EL715P/EL715C	L7-15	277V/15A	2-pole/3-wire

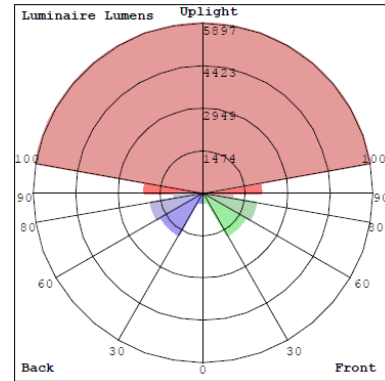
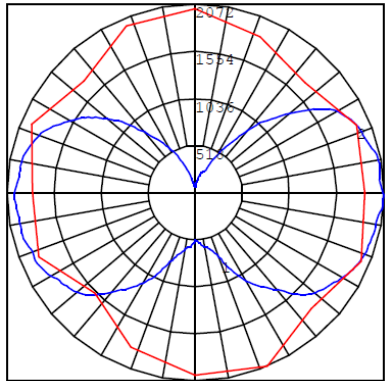
\*Note: 1006 is supplied with a variable driver which offers single phase voltages from 100-277V.

## Photometrics:

### 1006-LED-100



### 1006-LED-150



## Lighting Layout Services:



### Room Estimator - Layout 1

**Luminaire**  
IES Filename: 1006-LED-100  
Description: 1  
Lumens Per Lamp: 12000 lms  
Number of Lamps: 1  
Luminaire Lumens: 12000 lms  
Luminaire Efficiency: 100 %  
Luminaire Watts: 99 W  
Total Light Loss Factor (LLF): 1.000

### Room Dimensions

Length (L): 100 Ft  
Width (W): 100 Ft  
Height (H): 25 Ft  
Workplane Height: 2.5 Ft  
Suspension Length: 0 Ft  
Room Cavity Ratio (RCR): 2.250

### Room Reflectance

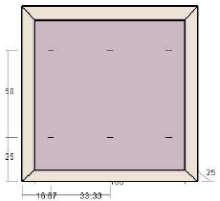
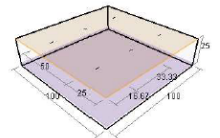
Ceiling: 0.80  
Walls: 0.80  
Floor: 0.20  
Effective Ceiling Cavity: 0.800  
Effective Floor Cavity: 0.288  
Coefficient of Utilisation (CU): 0.689

### Results

Estimated Average Illuminance: 5 fc  
Number of Luminaires: 6  
Lighting Power Density (LPD): 0.059 W/ft<sup>2</sup>

### Layout

Grid Layout (Size): 2 x 3  
Grid Spacing: 50 x 33.33 Ft  
Wall (Stair) Spacing: 25 x 16.67 Ft  
Ceiling Grid Spacing: N.A. x N.A. Ft  
Spacing Curves: N.A. x N.A. Ft



10/23/2016 9:00 AM - Copyright 1996-2015 by Lighting Systems, Inc.

p. 1 of 1



Ericson Manufacturing Company  
4323 Hamann Parkway  
Willoughby, OH 44094, USA



1.800.374.2766  
info@ericson.com  
ericson.com  
L1000765K