



**APPLICATION:** The **BLS-10A** is ideal for temporary lighting, pathways, parking areas, public walkways, parks and roads.

**IP65 WET**  

### SPECIFICATIONS

<b>Solar Panel</b>	72W
<b>Battery</b>	Li-ion Battery / 45 Ah
<b>Lumen Output</b>	8000 lm @ 5700°K <sup>(1)</sup>
<b>LED Efficacy</b>	109 lm/W
<b>After Full Charge Operation Time</b>	36 hrs
<b>Indicator For One Night Operation</b>	light indicator will blink 3 times every 15 minutes during the night
<b>Discharge Time</b>	10-12 hrs
<b>Discharge Operating Temperature</b>	-20°C(-4°F) to 60°C(140°F)
<b>Charge Time</b>	9-11 hrs
<b>Charging Operating Temperature</b>	0°C(32°F) to 45°C(113°F)
<b>Min. Solar Direct Normal Irradiance</b>	1 KWH/m <sup>2</sup> /day
<b>Operation Mode (Green Light)</b>	5 hrs @ (100%) + 7 hrs @ (30%+PIR 100%)
<b>Operation Mode (Orange Light)</b>	5 hrs @ (70%) + 7 hrs @ (30%+PIR 100%)
<b>Operation Mode (Red Light)</b>	12 hrs @ (30% + PIR 100%)
<b>Performance Orientation</b>	South 100%; East 75%; West 70%; North 46%
<b>Mounting Height <sup>(2)</sup></b>	6 - 7.6m (19.7 - 25 ft)
<b>Effective Projected Area (EPA)</b>	6.4 ft <sup>2</sup>
<b>Certifications</b>	IP65 / ROHS / FCC
<b>Weight</b>	45 pounds / 20.4 kgs
<b>Warranty</b>	3 years

NOTE 1: For other color temperatures (3500K,4000K,5000K,6500K), contact factory.  
NOTE 2: The mounting height is an estimate and depends on the application.

**Battery Warranty: 3 years warranty.**

Upon proper installation and start-up, Beghelli does not guarantee product performance meets specified performance levels. Unknown environmental conditions effect performance. In no event shall Beghelli be liable for special, incidental or consequential damages related directly or indirectly to the lack of product functionality and / or performance.

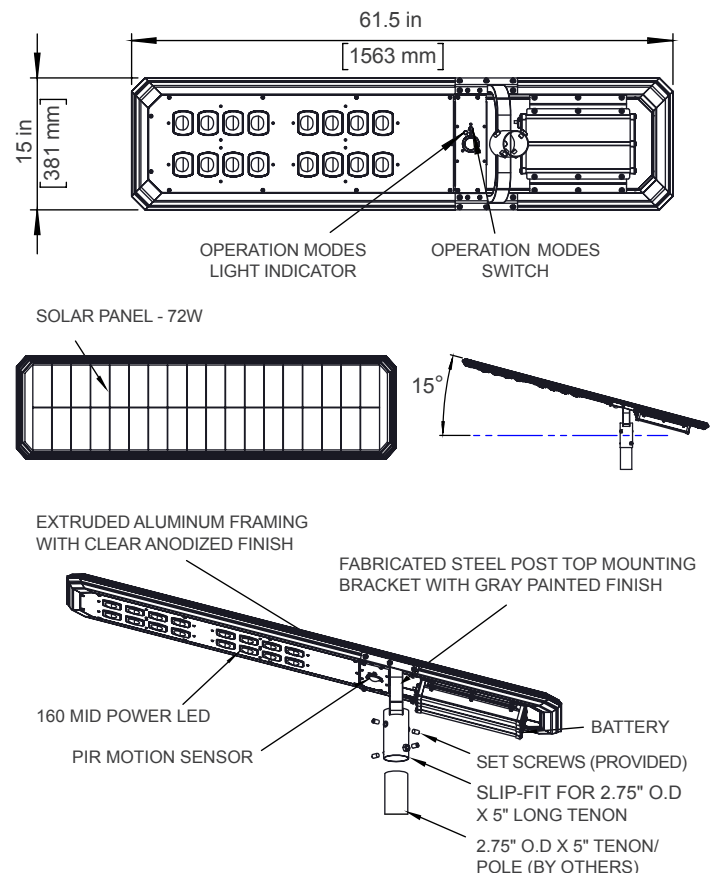
The **LUCE SOLARE BLS-10A** is a solar street and area lighting solution that integrates the solar panel, battery and LED module into a single product. **BLS-10A** provides energy savings, high luminance and low maintenance.

**BLS-10A** design and technology eliminates the need for bulky external battery boxes, while maintaining maximum light by using high efficiency solar cells and LEDs.

The **BLS-10A** incorporates a night sensor that detects ambient light and will automatically turn the **BLS-10A** on and off as per the preset programs.

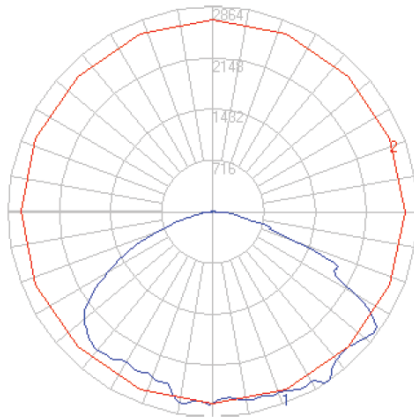
### ADVANTAGES

- Integrated Solution
- Environmentally Friendly
- Easy Installation
- \$0 energy cost
- IP65
- Type II Distribution



### PHOTOMETRICS

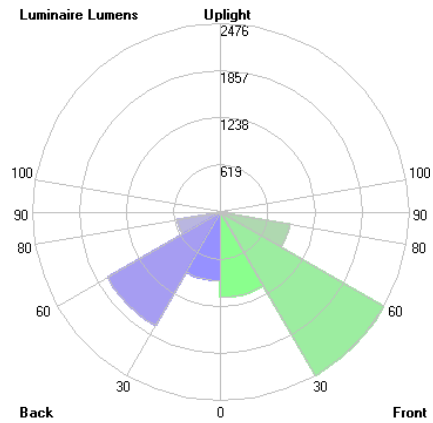
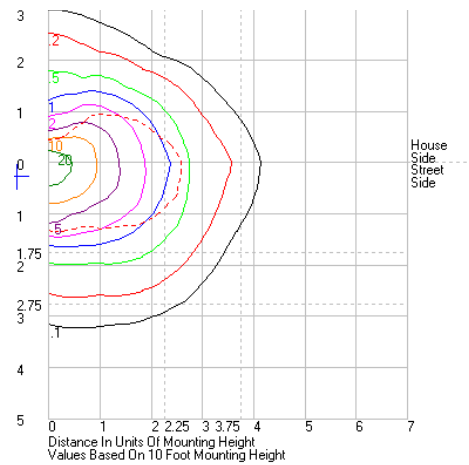
#### POLAR CURVES



#### Characteristics

Electronic driver	Type II
LED 5700°K	Very Short
IES Classification	7860,94 (1 lamp)
Longitudinal Classification	7860,94
Lumens Per Lamp	7860
Total Lamp Lumens	100 %
Luminaire Lumens	100 %
Downward Total Efficiency	109
Total Luminaire Efficiency	72
Luminaire Efficacy Rating (LER)	2864.287 (292.5H, 34V)
Total Luminaire Watts	2864.287 (292.5H, 34V)
Max. Cd.	84,651 (1.1%Lamp)
Max. Cd. (<90 Vert.)	437.136 (5.6%Lamp)
Max. Cd. (At 90 Deg. Vert.)	
Max. Cd. (80 to <90 Deg. Vert.)	

#### ISOLINES



#### SPACING

Metric units	100 % LUMEN OUTPUT				30 % LUMEN OUTPUT			
	MH = 19.7 ft (6m)		MH = 25 ft (7.6m)		MH = 19.7 ft (6m)		MH = 25 ft (7.6m)	
	Spacing to 0.5 fc	Spacing to 1 fc	Spacing to 0.5 fc	Spacing to 1 fc	Spacing to 0.5 fc	Spacing to 1 fc	Spacing to 0.5 fc	Spacing to 1 fc
ft	37.7	29.9	40.5	31.4	24.4	15.7	23.1	11.4
m	11.5	9.1	12.3	9.6	7.4	4.8	7.0	3.5

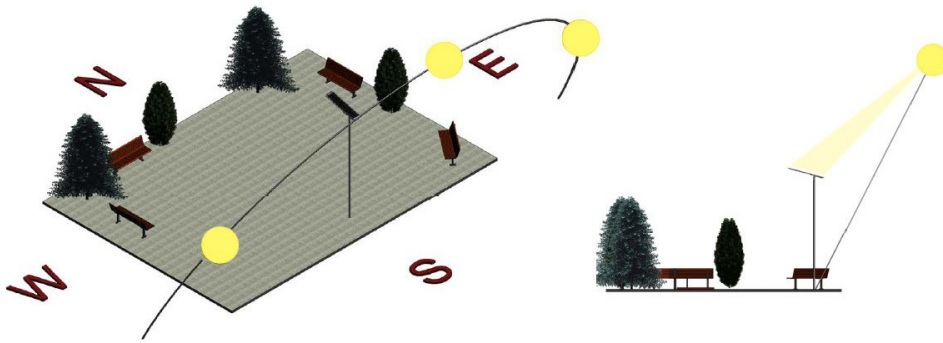
#### LUMEN OUTPUT PERCENT

LUMEN OUTPUT (LM)		
100%	70%	30%
7860	5502	2358

## ORIENTATION

### NORTHERN HEMISPHERE

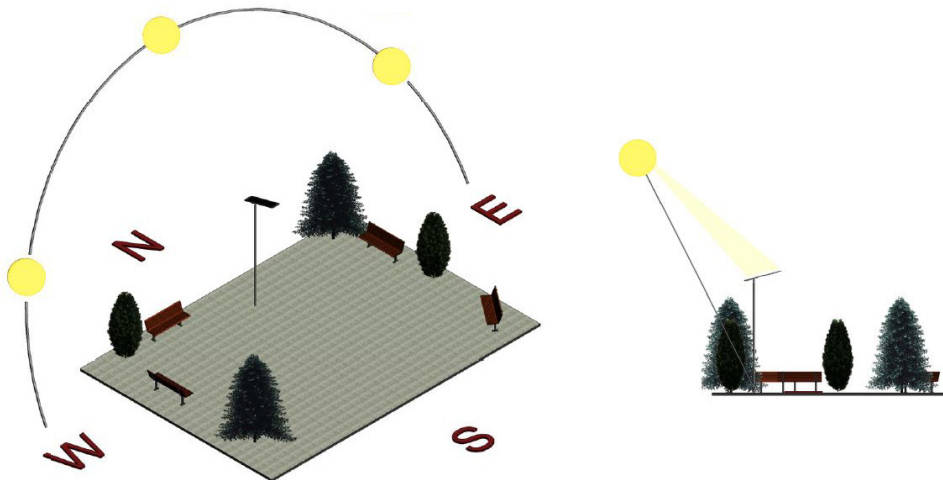
Sun's Path in the sky



These graphics illustrate Luce Solare orientation, in which the fixture can absorb the maximum solar energy from the sun (south 100% - refers to product specs).

### SOUTHERN HEMISPHERE

Sun's Path in the sky



These graphics illustrate Luce Solare orientation, in which the fixture can absorb the maximum solar energy from the sun (north 100%).