

DESCRIPTION

The Amber Bollard Light is designed for Turtle Safe compliance, emitting a 590nm amber wavelength that ensures pedestrian visibility while minimizing impact on marine life. Built with a durable powder-coated aluminum housing and UV-resistant polycarbonate lens, it features energy-efficient LEDs for long-lasting performance and low maintenance. Ideal for walkways, boardwalks, and piers.

Project:	Date
Type:	
Model:	

SPECIFICATIONS

Construction:

- Constructed from rugged die-cast aluminum, the Amber Area Light incorporates advanced heat sinking and flow-through venting for optimal thermal performance.

Optics:

- Turtle and wildlife-friendly 590nm amber light
- Optional Type III and Type V distributions
- Optics available with louver, glare shield, or diffused lens for enhanced vertical illumination

Electrical:

- Standard with 0-10V dimming driver(s) from 5% to 100%.
- 120-277VAC / 50/60Hz.
- THD: ≤20%
- Power Factor: ≥90%

Controls:

- Optional Photocell

Ambient Temperature:

- Ambient operating temperature -40°F to 113°F.

Installation:

- Supplied with three (3) anchor bolts for concrete installation.

Lifespan:

- Estimated 70,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations



ORDER INFORMATION

EXAMPLE: YTB-24W-Y-AMB-5M-CT-BK



Series	Wattage	Voltage	LED Color	Optics	Top Cap	Lens Options	Base Size	Photocell	Emergency Battery Back-up	Finish
YTB Amber LED Bollard Turtle Safe	24W 24 Watts	Y 120-277V	AMB Amber 590nm	3M 5M	CT Crowned Top	Blank Standard Clear lens	24 24in	Blank No photocell	Blank No EB	BK Black
						BS 180° Shield	36 36in	PC with photocell	EB Emergency Battery Back-up	WH White
						LOV Louver	42 42in			BZ Bronze
LD Lens Diffuser										

Enter configuration:

Special order **

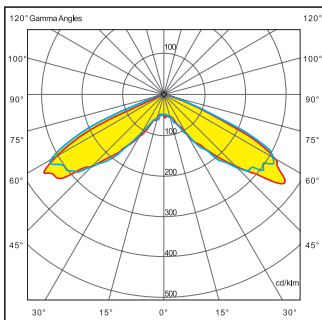
Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

PERFORMANCE

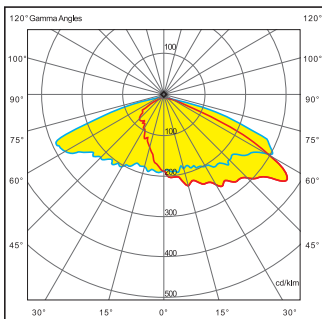
Model	Wattage	Lumens	Lm/W	LED Color	Dimming	Power Factor	CRI	Beam	Voltage	Frequency
YTB Amber LED Bollard Turtle Safe	24W	480	20lm/W	Amber 590nm	0-10V	>0.95	>70	T3/T5	120-277V	50/60Hz

Model Series	Wattage(W)	Current (A)				
		Input Voltage (V)				
		120	208	240	277	347
YTB	24	0.22	0.13	0.11	0.10	0.08

PHOTOMETRICS

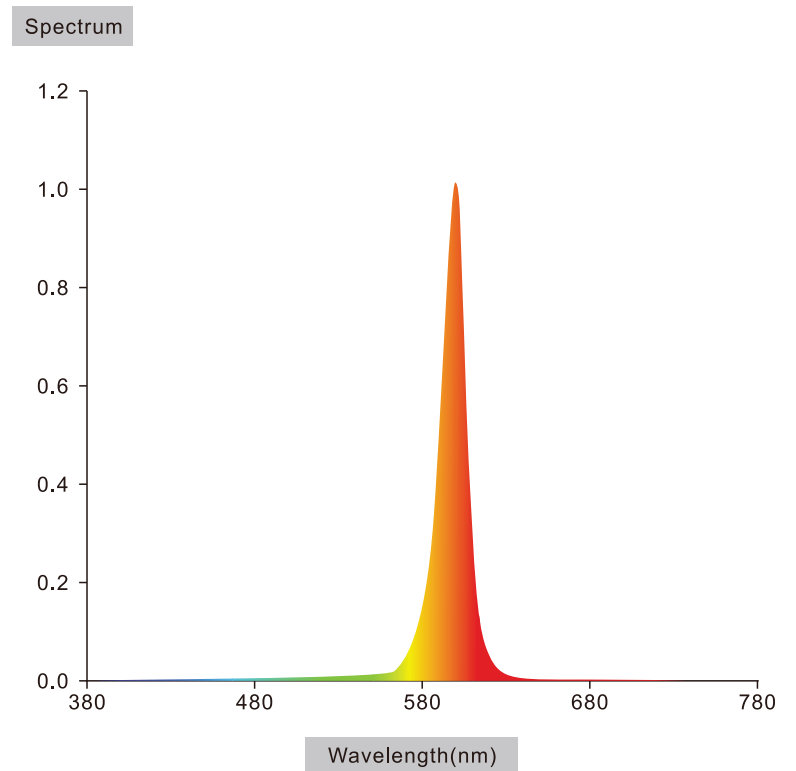


Type V

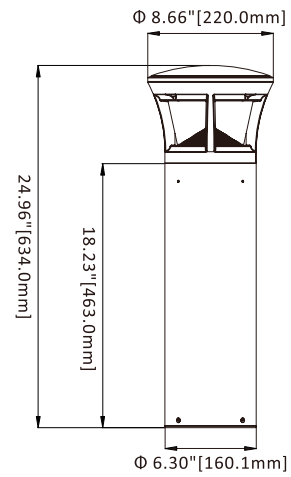
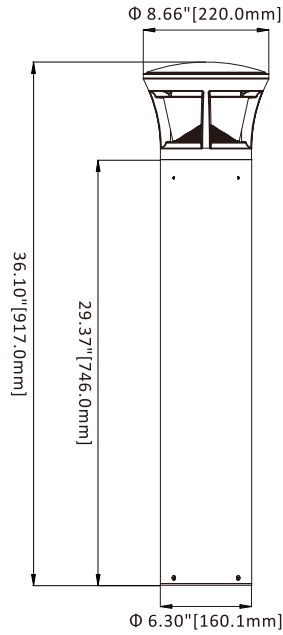


Type III

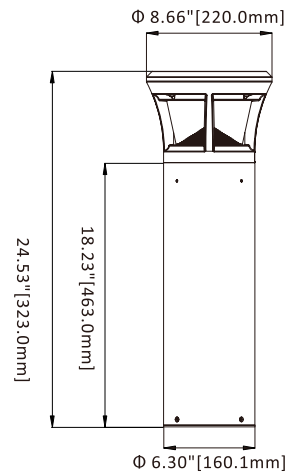
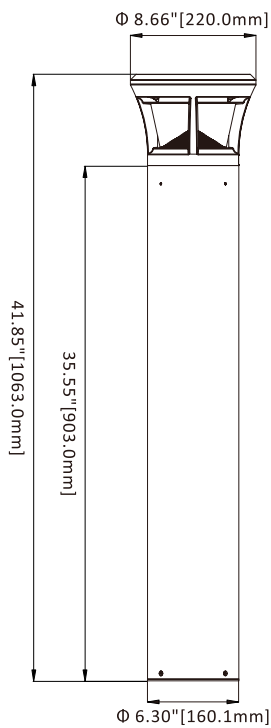
SPECTRAL CHART



DIMENSIONS (CROWNED TOP)



DIMENSIONS (FLAT TOP)



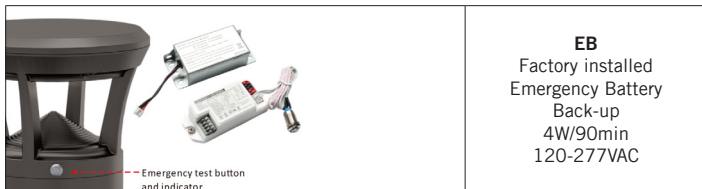
ACCESSORIES (Control Options)



GLARE CONTROL & DIFFUSER OPTIONS (Sold separately)



EMERGENCY BATTERY BACK-UP (Optional)



MOUNTING KIT (Included)

