

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.

SPECIFICATIONS

Construction:

- Constructed from rugged die-cast aluminum, the Bollard 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 1% 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 50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

Project:	Date
Type:	
Model:	



ORDER INFORMATION

EXAMPLE: YTB-R-WS24-Y-AMB-5M-BS-PC-BK



Series	Top Cap	Wattage	Voltage	LED Color	Optics	Lens Options	Base Size	Photocell	Emergency Battery Back-up	Finish
YTB Amber LED Bollard Turtle Friendly	R Round Top	WS24 (24W / 15W / 12W)	Y 120-277V	AMB Amber 590nm	3M	Blank Standard Clear lens	Blank Standard 42inch overall height.	Blank No photocell	Blank No EB	BK Black
	5M				BS 180° Shield	CHXX Custom Height*	PC Photocell	EB Emergency Battery Back-up	WH White	
					LOV Louver					
	F Flat Top					LD Lens Diffuser				BZ Bronze

Enter configuration:

** Contact manufacture for lead time.

* Contact manufacture for more information.

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.

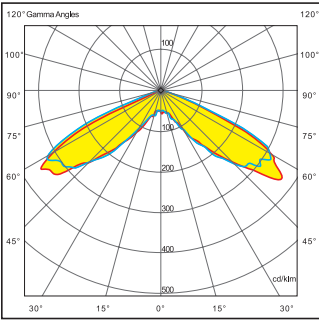
PERFORMANCE

Model	Wattage	Lumens	Lm/W	LED Color	Dimming	Power Factor	CRI	Beam	Voltage	Frequency
YTB Amber LED Bollard Turtle Firendly	24W	517 T5 Beam	21lm/W	Amber 590nm	0-10V	>0.95	>70	T3/T5	120-277V	50/60Hz

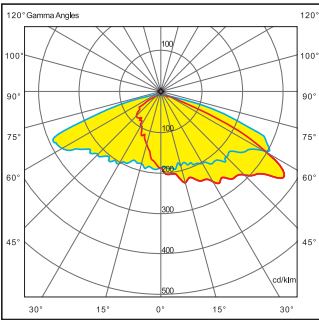
ELECTRICAL DATA

Model Series	Wattage(W)	Current (A)			
		Input Voltage (V)			
		120	208	240	277
YTB WS24	12	0.11	0.07	0.06	0.05
	15	0.14	0.08	0.07	0.06
	24	0.22	0.13	0.11	0.10

PHOTOMETRICS

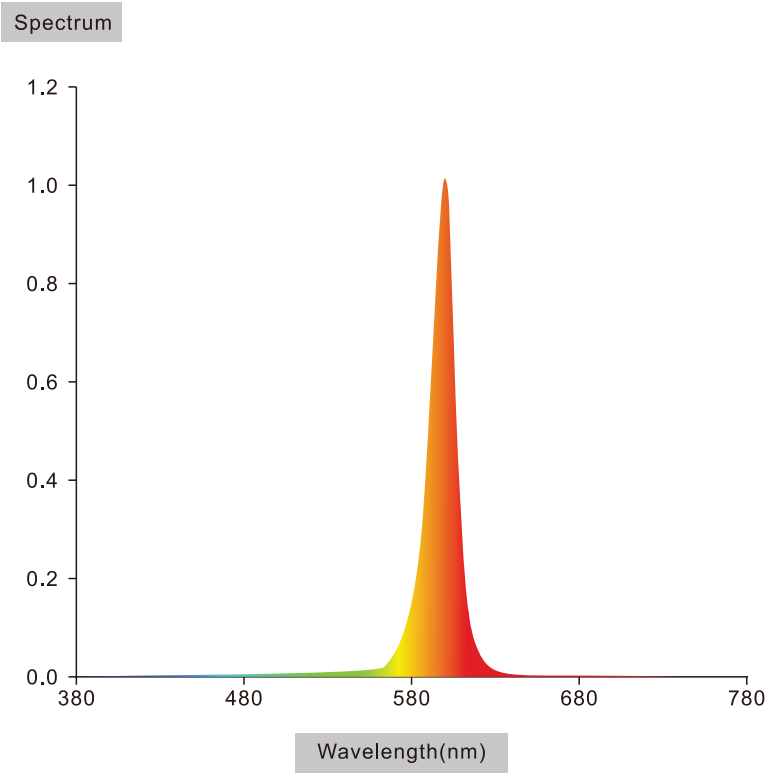


Type V

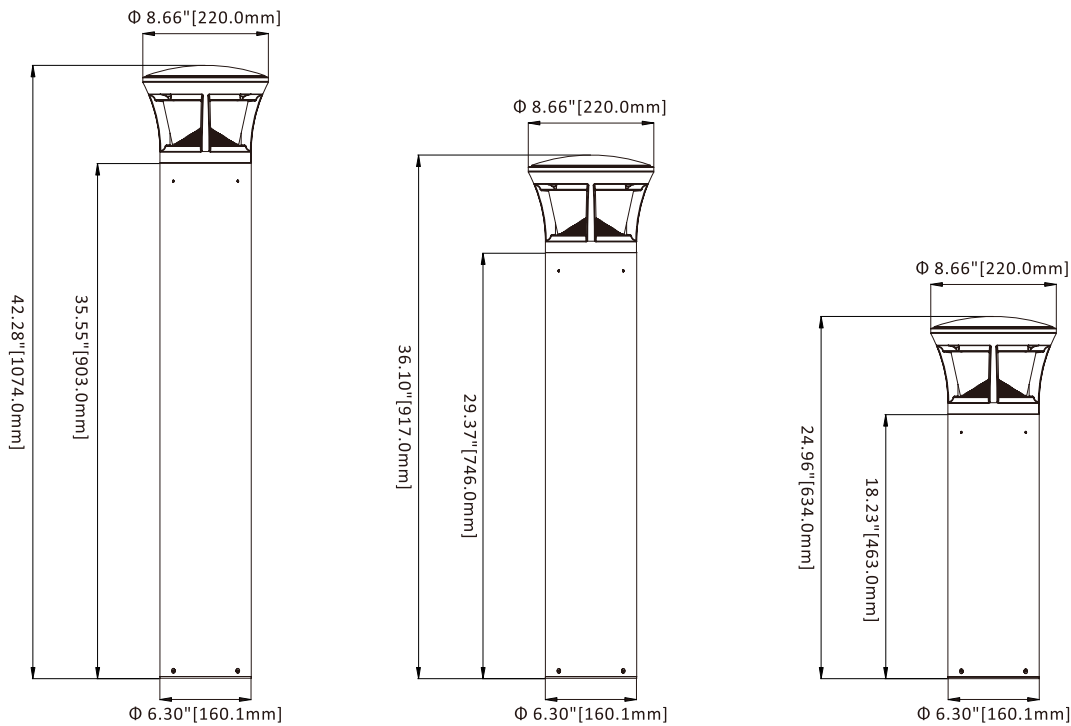


Type III

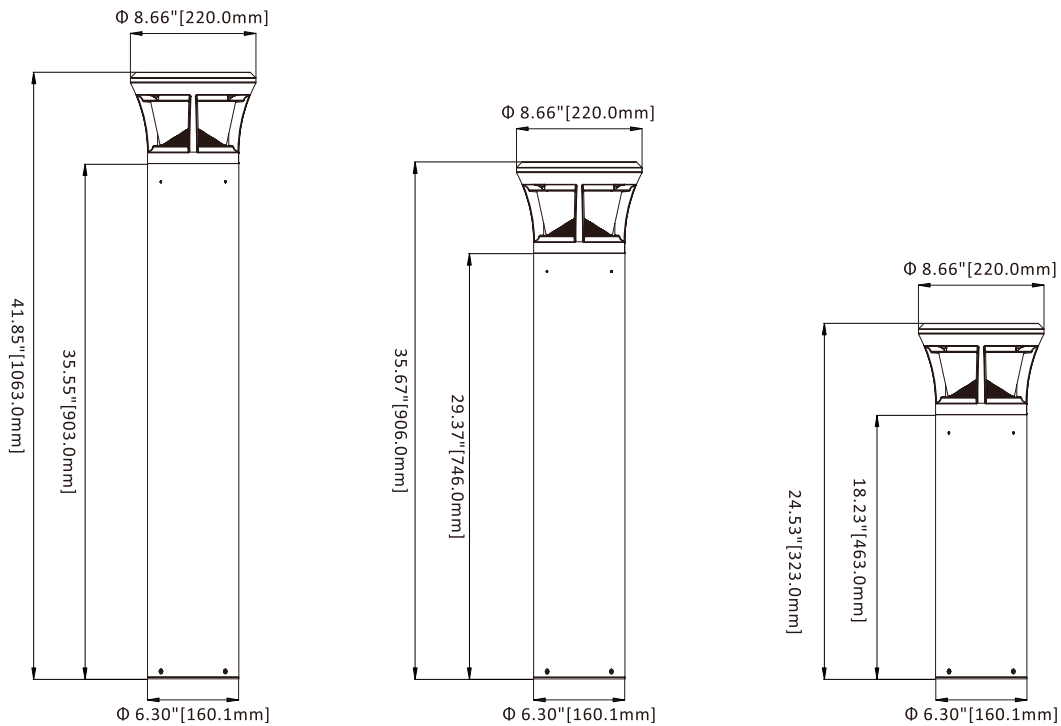
SPECTRAL CHART



DIMENSIONS (CROWNED TOP)



DIMENSIONS (FLAT TOP)



ACCESSORIES (Control Options)

	PC Factory installed Photocell
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GLARE CONTROL & DIFFUSER OPTIONS (Sold separately)

	BS 180° Back Shield		LD Opal White Lens diffuser
	LOV Field installable Louver		

EMERGENCY BATTERY BACK-UP (Optional)

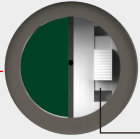
	EB Factory installed Emergency Battery Back-up 4W/90min 120-277VAC
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MOUNTING KIT (Included)

	Anchor Bolts (Included)
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WATTAGE SELECTABLE



Power Setting

Adjust power between
24/15/12W, 24W default setting