

DESCRIPTION

Our YTC Amber Cylinder Light is engineered for turtle-safe compliance, emitting a 590 nm amber wavelength that meets nighttime lighting requirements while minimizing impact on marine life. The fixture features adjustable light distribution and beam direction for versatile application across various environments. A standard photocell enables automatic operation for improved energy efficiency. Ideal for low-impact exterior lighting in coastal buildings, agricultural facilities, residential exteriors, and other environmentally sensitive areas.

SPECIFICATIONS

Construction:

- Heavy-gauge aluminum housing delivers long-lasting durability and dependable performance in even the most demanding environments.

Optics:

- Turtle and wildlife-friendly 590nm amber light
- Polycarbonate is a durable, transparent, and lightweight thermoplastic material.

Electrical:

- 120-277VAC / 50/60Hz.
- THD: ≤20%

Controls:

- Photocell included

Ambient Temperature:

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

Lifespan:

- Estimated 50,000-hour LED lifespan based
- on IES LM-80 results and TM-21 calculations

Project:	Date
Type:	
Model:	



ORDER INFORMATION

EXAMPLE: YTC-WS38-Y-AMB-PC-BZ



Series	Wattage Selectable	Voltage	LED Color	Photocell	Emergency Battery Back-up	Finish
YTC Amber LED Wall Pack Turtle Friendly	WS20 (20W / 16W / 10W)	Y 120-277V	AMB Amber 590nm	PC Standard w/ Photocell May be disabled via cap*	Blank No EB	BZ Bronze
	WS38 (38W / 31W / 19W)				EB Emergency Battery Back-up	WH White BK** Black

Enter configuration:

** Contact manufacture for lead time

* Photocell may be disable using cap.

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 DATA

Model	Wattage	Lumens	Efficacy	LED Color	Power Factor	Frequency	Voltage
YTC	20W	750	38	Amber 590nm	>0.9	50/60Hz	120-277V
	38W	1,400	37				

ELECTRICAL DATA

Model Series	Wattage(W)	Current (A)			
		Input Voltage (V)			
		120	208	240	277
YTC WS20	10	0.09	0.06	0.05	0.04
	16	0.15	0.09	0.07	0.06
	20	0.19	0.11	0.09	0.08
YTC WS38	19	0.18	0.11	0.09	0.08
	31	0.29	0.17	0.14	0.12
	38	0.35	0.21	0.18	0.15

BEAM DISTRIBUTION CONFIGURATIONS

Distribution Setting

Switch	Distribution Selection	Default Setting
1	Full & Narrow Light	Full & Narrow Light
2	Up & Narrow + Down & Wide Light	
3	Up & Wide + Down & Narrow Light	
4	Full & Wide Light	

BEAM SELECTABLE

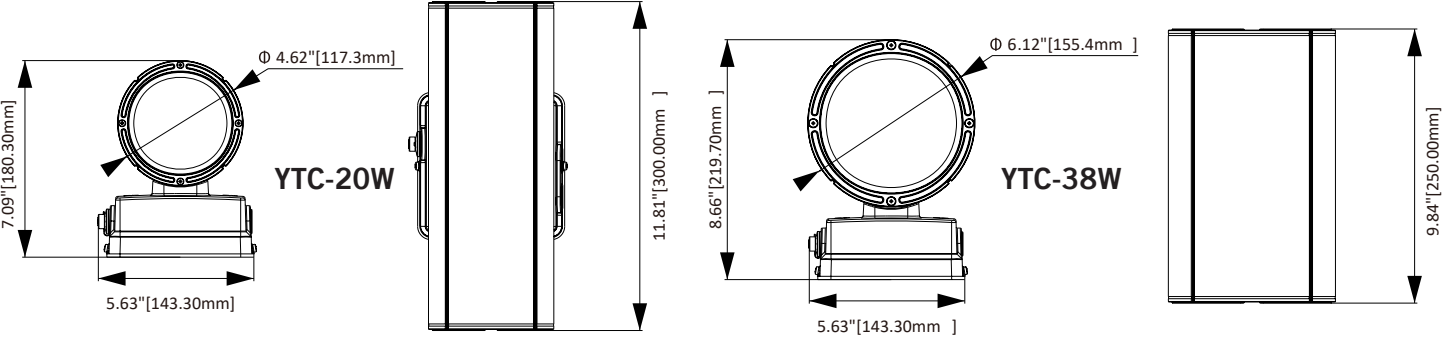
UP-DOWN LIGHTING SELECTABLE

YTC Cylinder Wall Light

Turtle Friendly Amber LED Cylinder Wall Light



DIMENSIONS



ACCESSORIES (Photocell Standard)

PC
Photocell with daylight cover
(Standard)
Leave cap on to disable photocell, remove to enable.

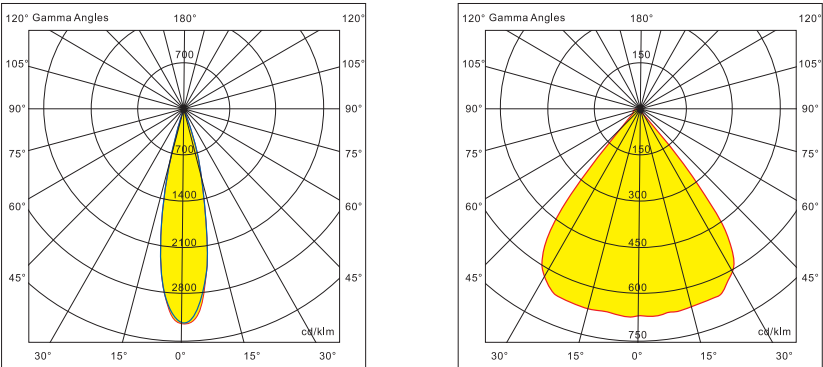
EMERGENCY BATTERY BACK-UP (Optional)

Emergency test button and indicator

EB
Factory installed
Emergency Battery
Back-up
4W/90min
120-277VAC

PHOTOMETRICS

Note: Narrow and Wide distribution can be selected via switch.



SPECTRAL CHART

