

DESCRIPTION

The Amber LED Fixture is engineered for versatile outdoor applications, offering multiple mounting configurations including post top, pole mount, surface mount, wall mount, and pendant options. Emitting a 590nm amber wavelength, it is ideal for environmentally sensitive areas while providing effective nighttime illumination. Constructed with a durable, weather-resistant housing, this fixture is designed to withstand harsh outdoor conditions while delivering reliable, energy-efficient performance across a wide range of architectural and site lighting applications.

SPECIFICATIONS

Construction:

- Rugged die-cast aluminum construction delivers long-lasting durability and dependable performance in even the most demanding environments.

Optics:

- Turtle and wildlife-friendly 590nm amber light.
- Type II, Type III, Type IV and Type V.
- External Half Glare shield is available.

Electrical:

- Standard with 0-10V dimming driver(s) from 1% to 100%.
- 120-277VAC / 50/60Hz.
- THD: ≤20%
- Designed to withstand surges of up to L/N-PE:10kV
- 3.3ft (39.4") long power cord provided for easier installation.

Controls:

- Photocell and Motion Sensor optional.

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: YTVL-WM-WS63-Y-AMB-3M-HGS-BK



Series	Mounting	Wattage Selectable	Voltage	LED Color	Optics	Photocell	Sensor options	Back-light Shield	Emergency Battery Back-up	Finish
YTVL LED Versatile Luminaire Turtle Friendly	PT Post Top	WS63 (63W / 53W / 33W)	Y 120-277V	AMB Amber 590nm	2M	Blank No photocell	Blank No sensor	Blank No shield	Blank No EB	BK** Black
	DA** Direct Mount Arm*				3M	PC with photocell	MS Motion Sensor	HGS Half Glare Shield		WH** White
	SM** Surface Mount				4M		MSB Motion Sensor w/ Bluetooth		EB Emergency Battery Back-up	BZ Bronze
	WM** Wall Mount				5M					
	PD** 3/4" NPS Pendant Mount									

Enter configuration:

* Post Top standard / Pole mount brackets works for Round or Square Poles.

** Contact factory for lead-time

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.

YTVL Turtle Friendly Luminaire

LED Versatile luminaire with multiple mounting options —
Post Top, Pole, Ceiling, Wall, and Pendant with Turtle Friendly Amber



PERFORMANCE DATA

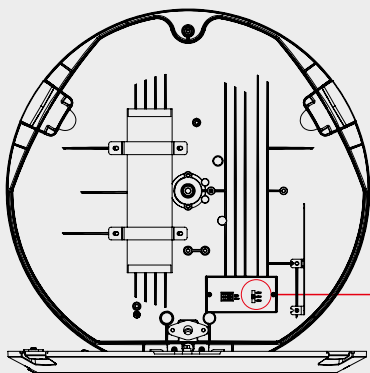
Model	Wattage	Lumens	Efficacy	LED Color	Power Factor	Frequency	Voltage
YTVL	63W	1,800	28	Amber 590nm	>0.9	50/60Hz	120-277V

ELECTRICAL DATA

Model Series	Wattage(W)	Current (A)			
		Input Voltage (V)			
		120	200	240	277
YTVL WS63	33	0.31	0.18	0.15	0.13
	53	0.49	0.29	0.25	0.21
	63	0.58	0.35	0.29	0.25

EPA *Data: Luminaire & integral mounting arm (0°tilt). Other tenons, arms, brackets or other accessories are not included.

Model	EPA(ft²)						
	Pole Mount Arm for Round or Square Poles						Post Top Mount
	Single	2@90	2@180°	@90°	@120°	4@90°	Single
							
YTVL	3.51	3.93	4.23	4.28	4.24	4.28	4.45



WATTAGE SELECTABLE

Easy to access switch



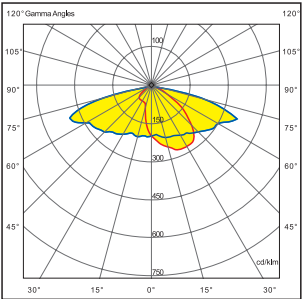
Power Setting

Power Selection	Default Setting
Adjust power between 63/53/33W	63W

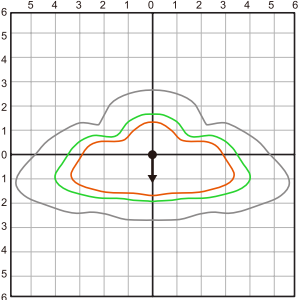
PHOTOMETRICS

Luminoso LED provides a comprehensive range of optical systems, catering to diverse site lighting needs. Offering exceptional flexibility, these systems enable precise customization of light distribution patterns to perfectly align with specific site requirements.

Type 2

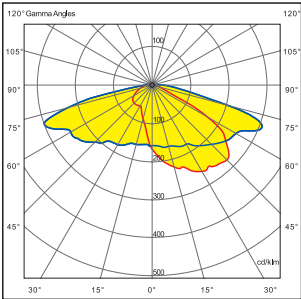


Isoillumiance

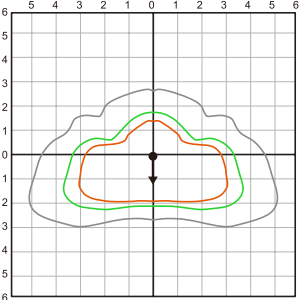


■ 0,1 Fc ■ 0,5 Fc ■ 1 Fc
Isofootcandle plots for the 125W.
Distances are in units of mounting height(15ft)

Type 3

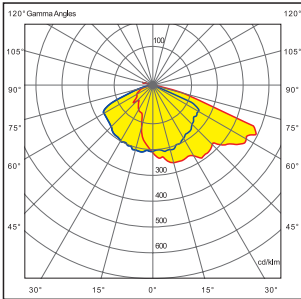


Isoillumiance

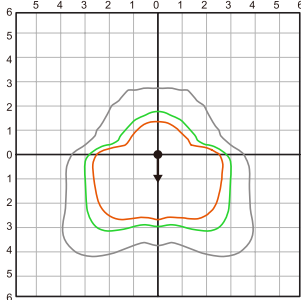


■ 0,1 Fc ■ 0,5 Fc ■ 1 Fc
Isofootcandle plots for the 125W.
Distances are in units of mounting height(15ft)

Type 4

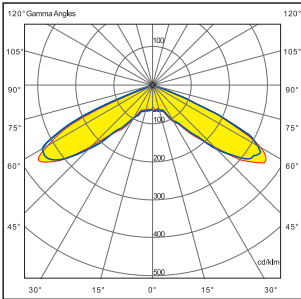


Isoillumiance

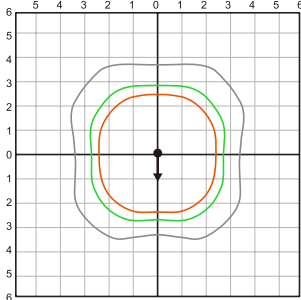


■ 0,1 Fc ■ 0,5 Fc ■ 1 Fc
Isofootcandle plots for the 125W.
Distances are in units of mounting height(15ft)

Type 5 (Standard)



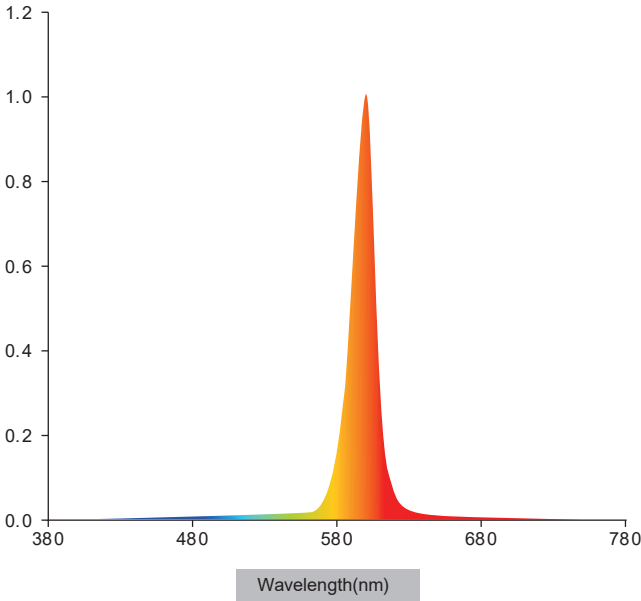
Isoillumiance



■ 0,1 Fc ■ 0,5 Fc ■ 1 Fc
Isofootcandle plots for the 125W.
Distances are in units of mounting height(15ft)

SPECTRAL CHART

Relative Spectrum



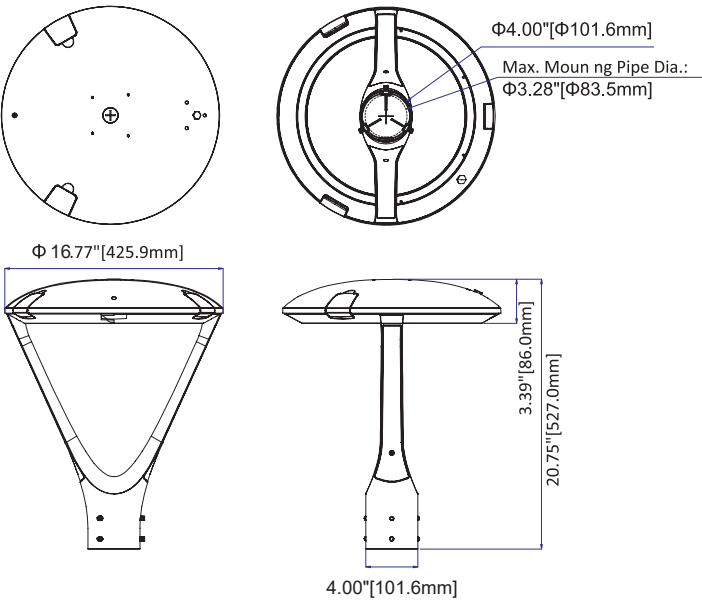
YTVL Turtle Friendly Luminaire

LED Versatile luminaire with multiple mounting options —
Post Top, Pole, Ceiling, Wall, and Pendant with Turtle Friendly Amber

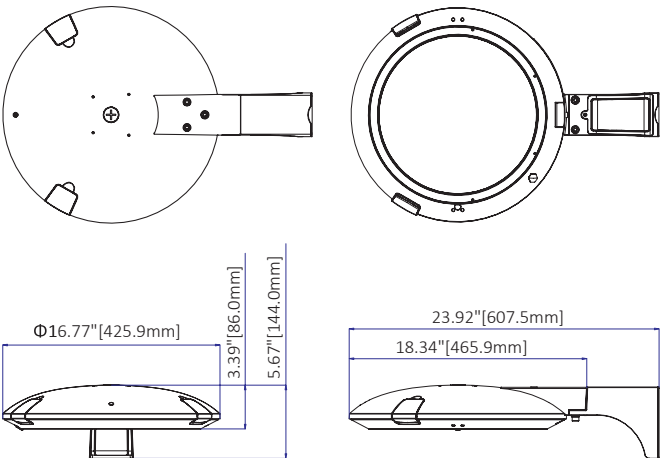


DIMENSIONS & WEIGHT

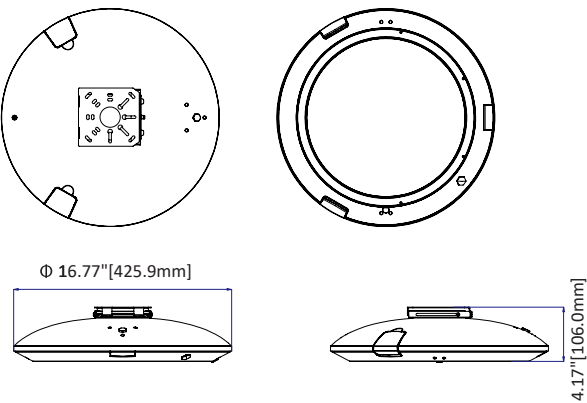
Post Top Mount



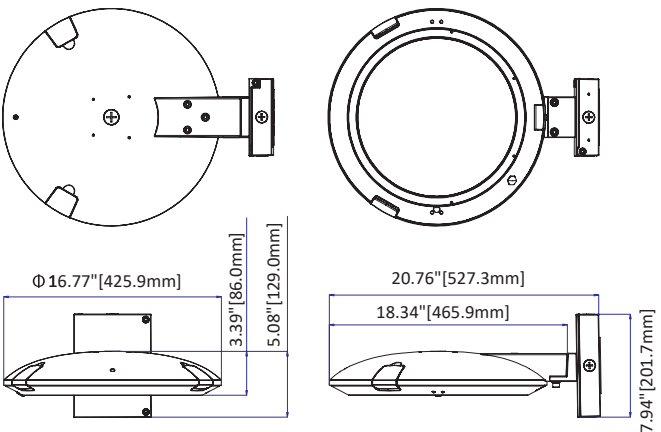
Pole Mount Arm for Round or Square Poles



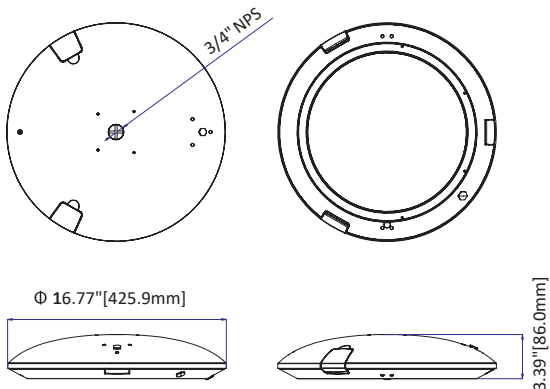
Surface Mount



Wall Mount



Pendant Mount (3/4" NPS Conduit not included)



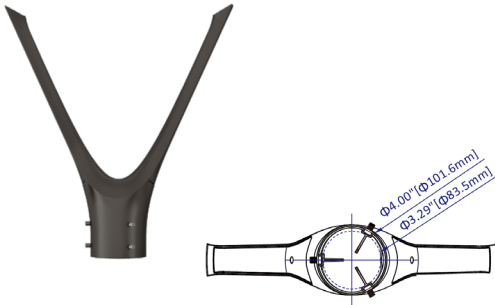
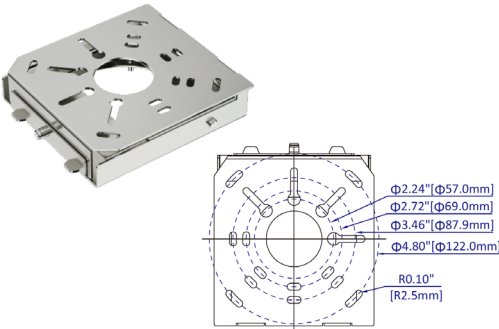
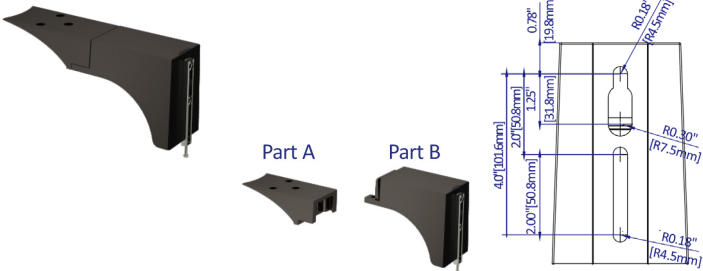
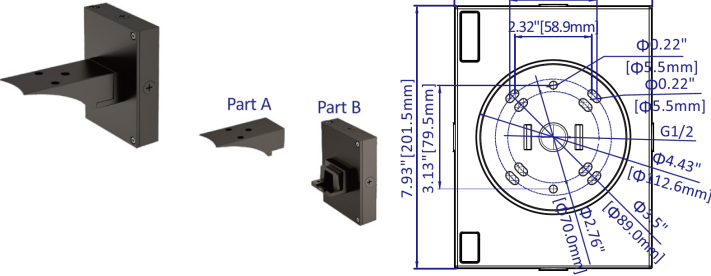
YTVL Turtle Friendly Luminaire

LED Versatile luminaire with multiple mounting options —
Post Top, Pole, Ceiling, Wall, and Pendant with Turtle Friendly Amber



MOUNTS & BRACKET OPTIONS

May be packaged separately (Sold separately)

	PT Post Top Mount		SM Surface Mount
	DA Direct Arm Mount Square & Round Pole Mount		
	WM Wall Mount		

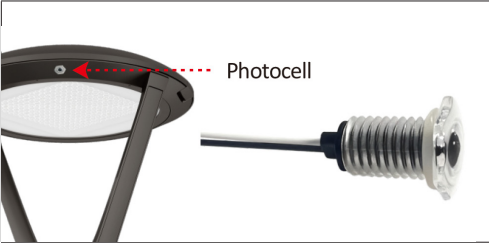
YTVL Turtle Friendly Luminaire

LED Versatile luminaire with multiple mounting options —
Post Top, Pole, Ceiling, Wall, and Pendant with Turtle Friendly Amber



ACCESSORIES

Control Options (purchase separately)

	PC Photocell Sold separately
--	--

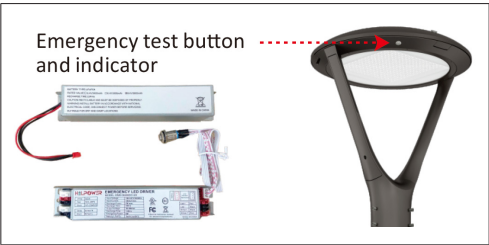
Sensor Options (purchase separately)

	MS Motion Sensor Sold separately	 MSB Motion Sensor with Bluetooth Sold separately
--	--	---

Sensor Options (purchase separately)

	RC Remote Control Sold separately
--	---

Emergency Battery Back-up (Optional)

 EB Factory installed Emergency Battery Back-up 8W/90min 120-277VAC	
---	--

ACCESSORIES (Glare Control Shield)

Field-installable / Field-Use ONLY (purchase separately)

	HGS Half Glare Shield
--	---

