



Turtle-friendly Amber



The turtle-friendly amber (600-610nm) is a specialized CCT designed to protect sea turtles and marine life. Ideal for beachfront resorts, coastal homes, and other areas near turtle habitats.



The Plus Round LED Bollard is a high-performance outdoor luminaire featuring corrosion-resistant aluminum housing. It offers selectable wattage and CCT via DIP switches with photocontrol. Modular top heads enable customizable light distribution.

TECHNICAL DATA

Wattage	Selectable 24W/19W/14W
CRI	>70
CCT	Selectable 3000K/4000K/5000K Turtle -friendly amber(600-610nm)
Driver	0-10V Dimming
Input Voltage	120-347V
Operating Temp.	-40°F to 113°F(-40°C to 45°C)
Certifications	cUL listed Suitable for wet location RoHS compliant
Power Factor	>0.9 at full load
Harmonic Distortion	<20% at full load
Projected Lifetime	L90 - 54,000 Hours
IP Rating	65
IK Rating	08-Standard
IK Rating	10-Optional
Surge Protection	4kV

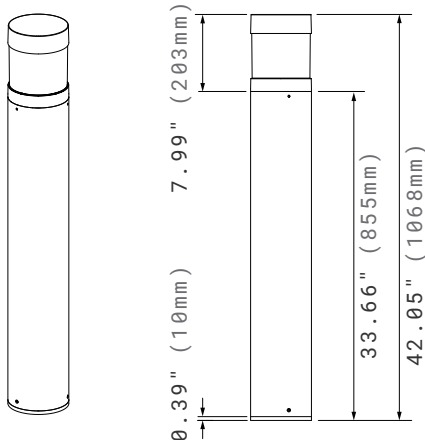
FEATURES

- **Durable Design:** Corrosion-resistant aluminum exterior with IP65/IK08 ratings for harsh environments.
- **Flexible Lighting:** Adjustable wattage and CCT via integrated DIP switches.
- **Smart Controls:** Photosensor and emergency back-up for automated operation and emergency lighting.
- **Modularity:** Interchangeable top heads (flat, dome, louvered) for various application.

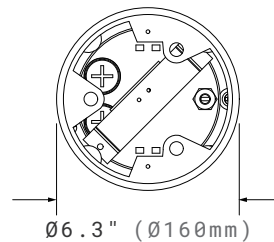
SPECIFICATION

Dimension

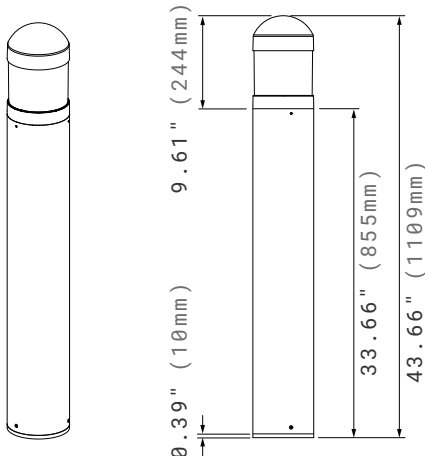
Flat Top



Bollard Base

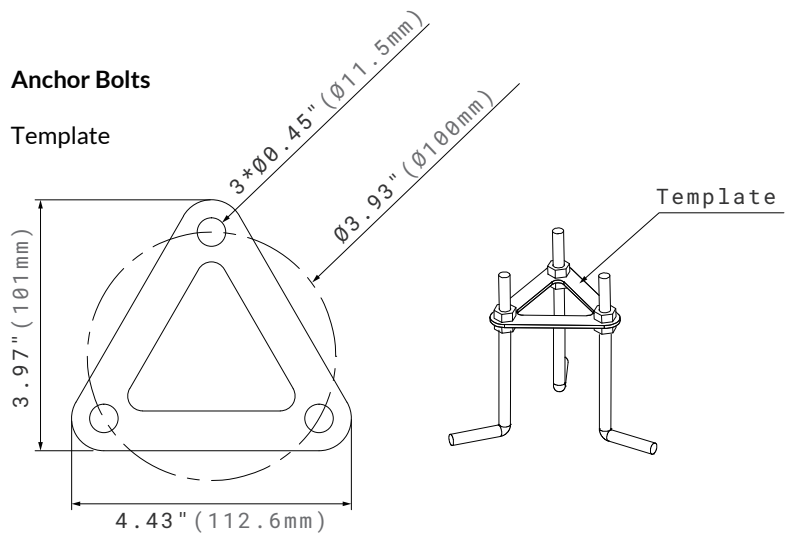


Dome Top



Anchor Bolts

Template



PERFORMANCE DATA

Lumen values are measured by third party certified laboratories performed in accordance with IESNA LM-79-08 as well as Lighting Facts listed.

Bollard Head	Wattage	Lumen Output	CRI	CCT	Efficiency
Clear Shield	14W	1905lm	>70	3000K	136lm/W
Clear Shield	19W	2608lm	>70	3000K	137lm/W
Clear Shield	24W	3236lm	>70	3000K	134lm/W
Louver Reflector	14W	1029lm	>70	3000K	73lm/W
Louver Reflector	19W	1413lm	>70	3000K	74lm/W
Louver Reflector	24W	1749lm	>70	3000K	72lm/W

ORDERING INFORMATION

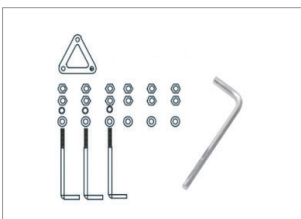
EXAMPLE: PLUS-R-FC-24SPSW8-PC-BK

PLUS							
Series	Shape	Bollard Head ¹	Wattage	CCT	Voltage	Control	Finish
PLUS Plus Bollard	R Round	FC  Flat Top Clear Shield FL  Flat Top Louver Reflector DC  Dome Top Clear Shield DL  Dome Top Louver Reflector <i>Bollard Pole need to be ordered separately.¹</i>	24SP² Selectable 24W ² 19W 14W	SW³ 3000K ³ 4000K 5000K AB Turtle-friendly Amber (600-610nm)	8 120-347V	BLANK 0-10V Dimming Driver PC Photocell EBU Emergency Battery Back-up	BK⁴ Black ⁴ RAL9017 BZ Bronze RAL8019

NOTE:

1. The Head and Pole need to be ordered separately. Please find the part# of pole and anchor bolt from the accessory list.
2. The default power setting is 24W.
3. The default CCT is 3000K.
4. The standard finish color is black; Custom finish colors are available at an additional charge. Please contact Customer Service for details.

ACCESSORIES (ORDERED SEPARATELY)



ABMK-PLUS-R
Anchor Bolts Mounting Kits
for Plus Round Bollard.



PLUS-R-34HP-BK
Bollard Pole,
33.66"(855mm) tall,
Black finish.



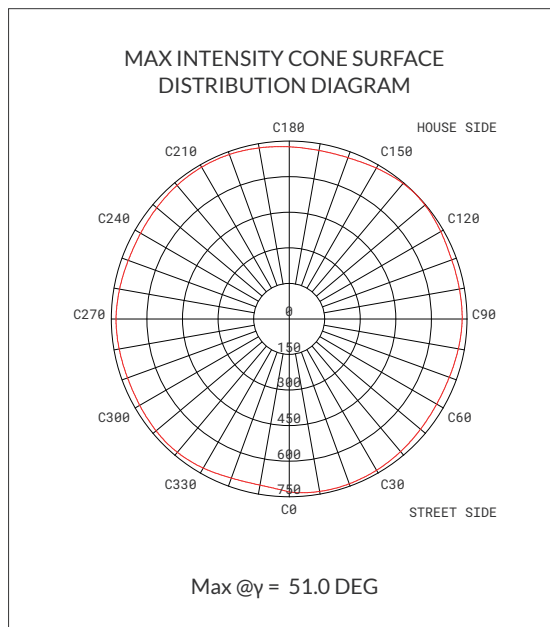
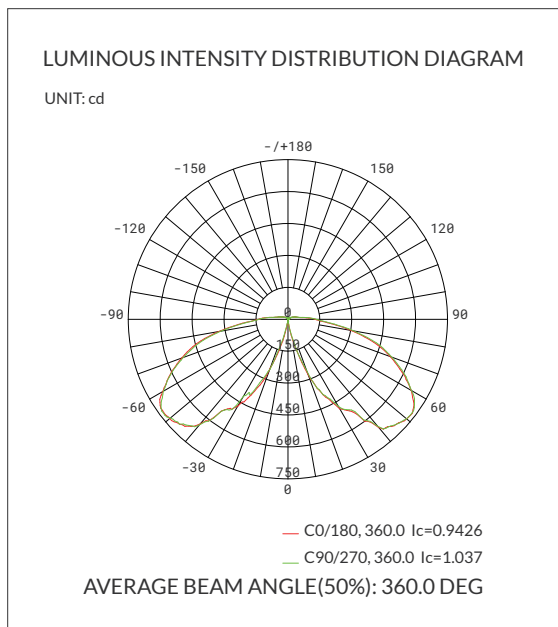
PLUS-R-SS-BK
Side Shield, Black finish.

PHOTOMETRY

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Results may vary per actual order.

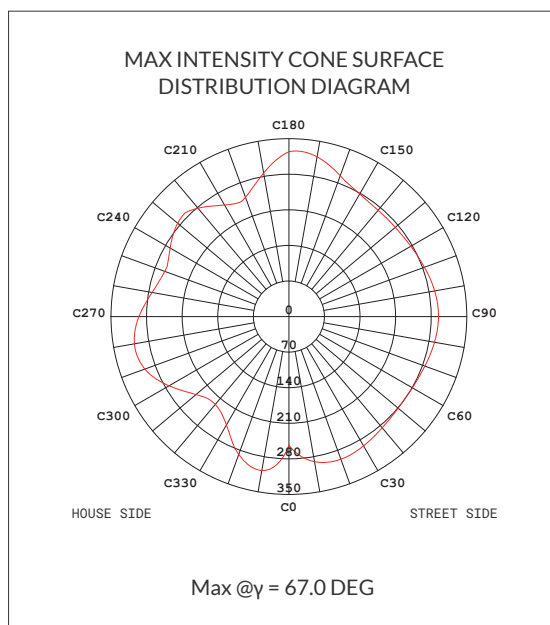
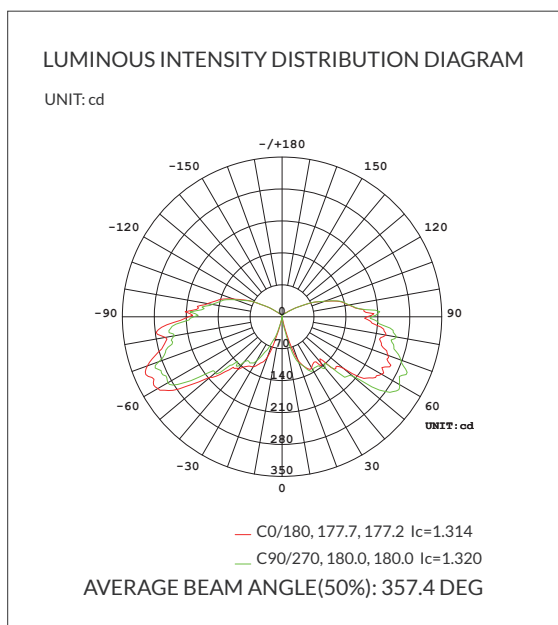
24W-3000K

Clear Shield



24W-3000K

Louver Reflector



BUG RATING TABLE

Performed to IESNA LM-79-08 standards by a NVLAP accredited laboratory.

Model	BUG Rating
PLUS-R-14W-3K-Clear Shield	B1-U3-G1
PLUS-R-14W-4K-Clear Shield	B1-U3-G1
PLUS-R-14W-5K-Clear Shield	B1-U3-G1
PLUS-R-19W-3K-Clear Shield	B1-U3-G1
PLUS-R-19W-4K-Clear Shield	B1-U3-G1
PLUS-R-19W-5K-Clear Shield	B1-U3-G1
PLUS-R-24W-3K-Clear Shield	B2-U3-G2
PLUS-R-24W-4K-Clear Shield	B2-U3-G2
PLUS-R-24W-5K-Clear Shield	B2-U3-G2
PLUS-R-14W-3K-Louver Reflector	B1-U3-G1
PLUS-R-14W-4K-Louver Reflector	B1-U3-G1
PLUS-R-14W-5K-Louver Reflector	B1-U3-G1
PLUS-R-19W-3K-Louver Reflector	B1-U3-G1
PLUS-R-19W-4K-Louver Reflector	B1-U3-G1
PLUS-R-19W-5K-Louver Reflector	B1-U3-G1
PLUS-R-24W-3K-Louver Reflector	B1-U3-G2
PLUS-R-24W-4K-Louver Reflector	B1-U3-G2
PLUS-R-24W-5K-Louver Reflector	B1-U3-G2

WARRANTY

5 years limited warranty.

Specifications subject to change without notice.

Ref#: 20260506