



TRIADA BOLLARD

LIGHTING PLOTS

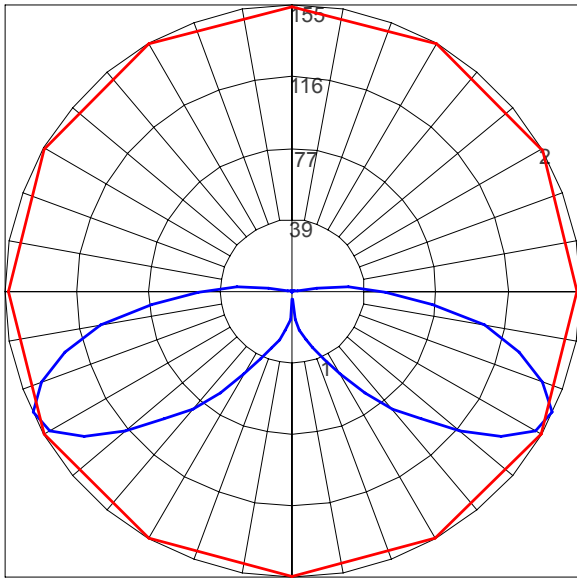
LAMP DESCRIPTIONS

TYPE	LAMP	DESCRIPTION	BASE	COLOR TEMPERATURE	LUMINAIRE LUMENS*	ANSI CODE	B.U.G. RATING
LED	4000K LED	34W LED light engine	---	4,000K		---	
	Amber LED	42W LED light engine	---	Amber**	676	---	B1-U2-G1
Compact Fluorescent	CFM26	26W triple tube 4-pin	GX24q-3	4,100K	424	---	B0-U2-G1
	CFM42	42W triple tube 4-pin	GX24q-4	4,100K	779	---	B1-U3-G1
High Intensity Discharge	M70	70W metal halide	E26 medium	4,000K	1397	M143/M98/E	B1-U3-G2

*Luminaire lumens represents the absolute photometry for the luminaire, and indicates the lumens out of the entire fixture.

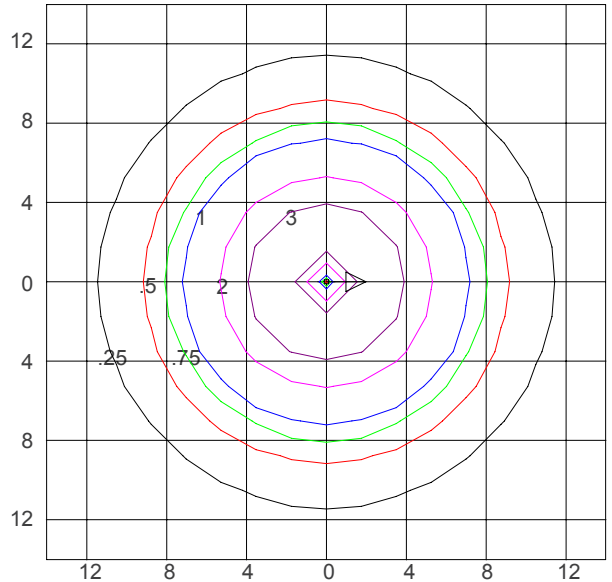
**Amber LED meets Florida Fish and Wildlife Conservation Commission (FWC) requirements for wavelength in sea turtle nesting habitats. The peak wavelength for Amber LED is 591nm.

POLAR CANDELA PLOT (LED)



Maximum Candela = 154.6; Located at Horizontal Angle = 60; Vertical Angle = 65
 #1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)
 #2 - Horizontal Cone Through Vertical Angle (65) (Through Max Cd.)

ISOFOOTCANDLE PLOT (LED)

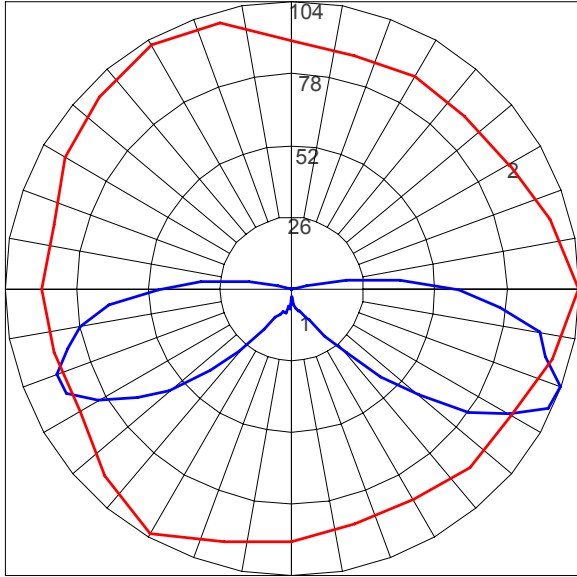


Isofootcandle Plot shows light distribution pattern at ground level with 34W and 42W LED lamp with no shield. Readings have been taken assuming the photometric center of the luminaire to be 3.15 feet above ground level. IES files for standard lamps are available on our website.



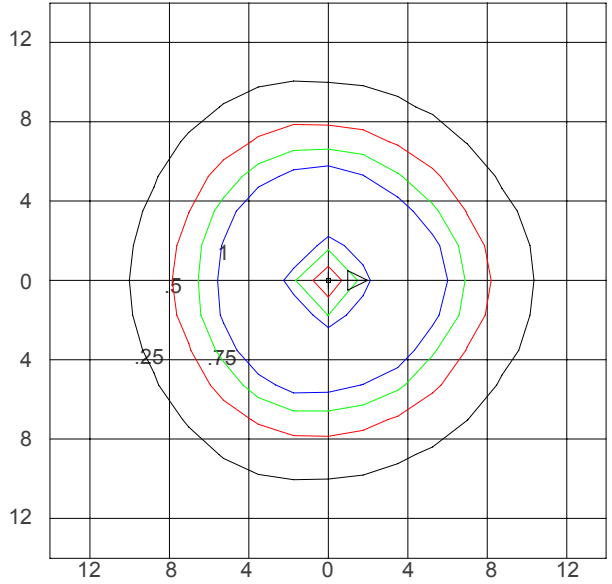
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POLAR CANDELA PLOT (26W COMPACT FLUORESCENT)



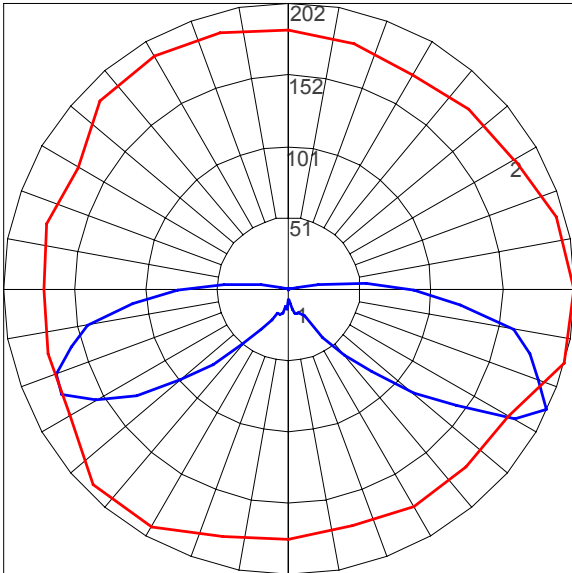
Maximum Candela = 104.07; Located at Horizontal Angle = 0; Vertical Angle = 70
#1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
#2 - Horizontal Cone Through Vertical Angle (70) (Through Max. Cd.)

ISOFOOTCANDLE PLOT (26W COMPACT FLUORESCENT)



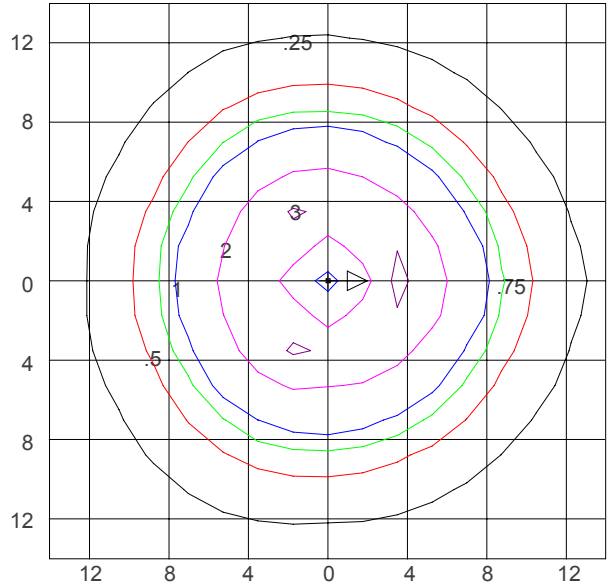
Isofootcandle Plot shows light distribution pattern at ground level with 26W compact fluorescent GX24q-3 base lamp with no shield. Readings have been taken assuming the photometric center of the luminaire to be 3.15 feet above ground level. IES files for standard lamps are available on our website.

POLAR CANDELA PLOT (42W COMPACT FLUORESCENT)



Maximum Candela = 202.47; Located at Horizontal Angle = 345; Vertical Angle = 65
#1 - Vertical Plane Through Horizontal Angles (345 - 165) (Through Max. Cd.)
#2 - Horizontal Cone Through Vertical Angle (65) (Through Max. Cd.)

ISOFOOTCANDLE PLOT (42W COMPACT FLUORESCENT)

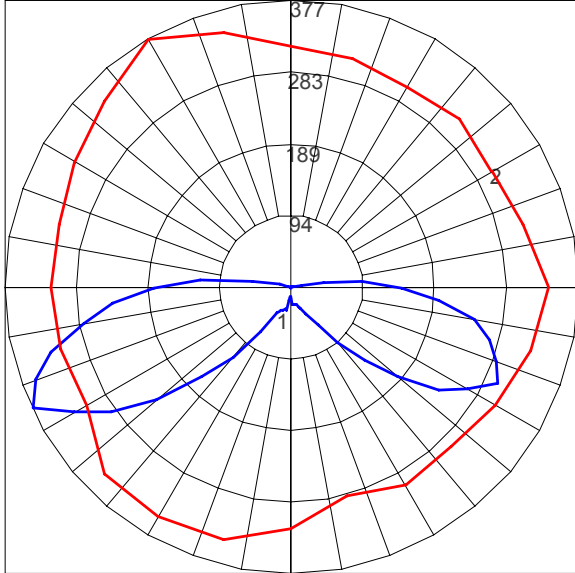


Isofootcandle Plot shows light distribution pattern at ground level with 42W compact fluorescent GX24q-4 base lamps with no shield. Readings have been taken assuming the photometric center of the luminaire to be 3.15 feet above ground level. IES files for standard lamps are available on our website.



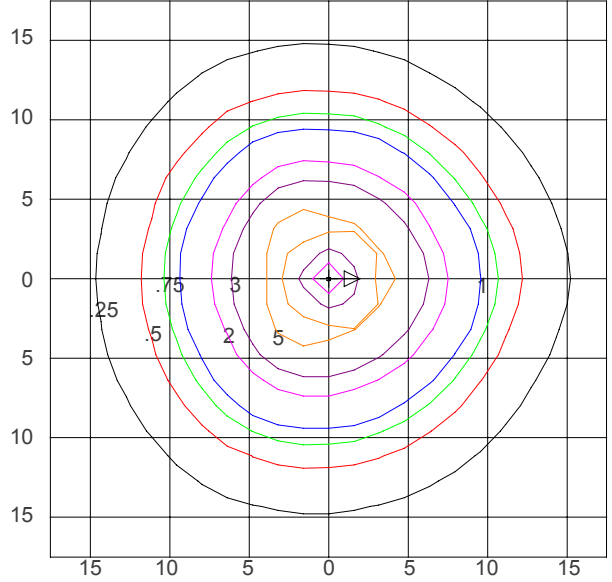
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POLAR CANDELA PLOT (70W METAL HALIDE)



Maximum Candela = 377.07; Located at Horizontal Angle = 120; Vertical Angle = 65
 #1 - Vertical Plane Through Horizontal Angles (120 - 300) (Through Max. Cd.)
 #2 - Vertical Plane Through Horizontal Angle (65) (Through Max. Cd.)

ISOFOOTCANDLE PLOT (70W METAL HALIDE)



Isofootcandle Plot shows light distribution pattern at ground level with 70W MH E26 medium base lamp with no shield. Readings have been taken assuming the photometric center of the luminaire to be 3.15 feet above ground level. IES files for standard lamps are available on our website.