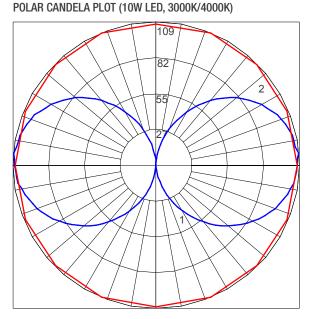
LAMP DESCRIPTIONS

LAMP	DESCRIPTION	LUMINAIRE LUMENS*	B.U.G. RATING	LED STARTING TEMPERATURE °C
3000K LED	10W custom LED light engine	1006	B0-U3-G1	-30
4000K LED	10W custom LED light engine	1006	B0-U3-G1	-30
RGBW LED	78W custom LED light engine	varies	varies	-30

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

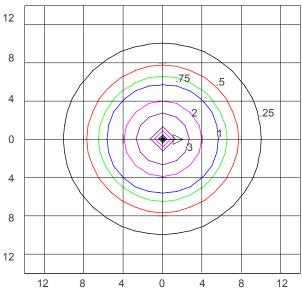


Maximum Candela = 109.4; Located at Horizontal Angle = 67.5; Vertical Angle = 95

- #1 Vertical Plane Through Horizontal Angles (67.5 247.5) (Through Max. Cd.)
- #2 Horizontal Cone Through Vertical Angle (95) (Through Max Cd.)

ISOFOOTCANDLE PLOT (10W LED, 3000K/4000K)

LIGHTING PLOTS



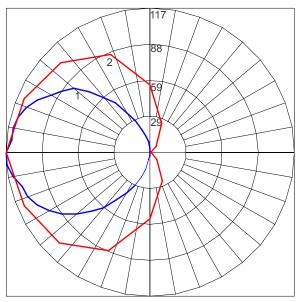
Isofootcandle Plot shows light distribution pattern at ground level with custom LED light engine with no shield. Readings have been taken assuming the photometric center of the luminaire to be 2.74 feet above ground level. IES files for standard lamps are available on our website.

T 800.451.0410 | www.forms-surfaces.com

FORMS+SURFACES®

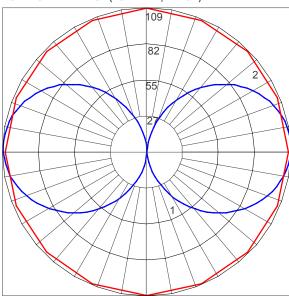
© 2021 Forms+Surfaces 🖲 | All dimensions are nominal. Specifications and pricing subject to change without notice. For the most current version of this document, please refer to our website at www.forms-surfaces.com.

POLAR CANDELA PLOT (180° SOLID SHIELD 3000K/4000K)



Maximum Candela = 117; Located at Horizontal Angle = 180; Vertical Angle = 85

- #1 Vertical Plane Through Horizontal Angles (180-0) (Through Max. Cd.)
- #2 Horizontal Cone Through Vertical Angle (85) (Through Max Cd.) 312.5.75.25

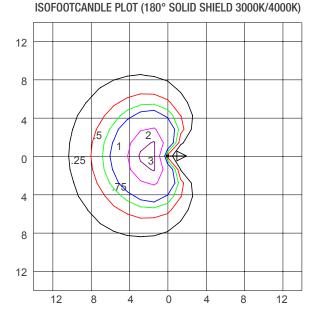


POLAR CANDELA PLOT (RGBW LED, ALL ON)

Maximum Candela = 190.3; Located at Horizontal Angle = 90; Vertical Angle = 92.5

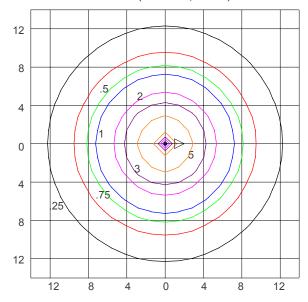
#1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)#2 - Horizontal Cone Through Vertical Angle (92.5) (Through Max Cd.)





Isofootcandle Plot shows light distribution pattern at ground level with custom RGBW LED light engine with no shield. Readings have been taken assuming the photometric center of the luminaire to be 2.74 feet above ground level. IES files for standard lamps are available on our website.

ISOFOOTCANDLE PLOT (RGBW LED, ALL ON)



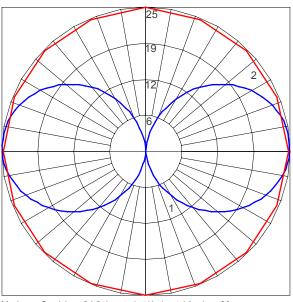
Isofootcandle Plot shows light distribution pattern at ground level with custom RGBW LED light engine with no shield. Readings have been taken assuming the photometric center of the luminaire to be 2.74 feet above ground level. IES files for standard lamps are available on our website.

T 800.451.0410 | www.forms-surfaces.com

© 2021 Forms+Surfaces® | All dimensions are nominal. Specifications and pricing subject to change without notice. For the most current version of this document, please refer to our website at www.forms-surfaces.com.

FORMS+SURFACES®

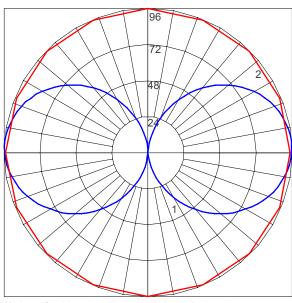
POLAR CANDELA PLOT (RGBW LED, R ONLY)



Maximum Candela = 24.9; Located at Horizontal Angle = 90; Vertical Angle = 92.5

POLAR CANDELA PLOT (RGBW LED, G ONLY)

#1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.) #2 - Horizontal Cone Through Vertical Angle (92.5) (Through Max Cd.)

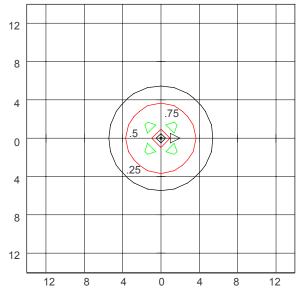


Maximum Candela = 95.9; Located at Horizontal Angle = 90; Vertical Angle = 95

#1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
#2 - Horizontal Cone Through Vertical Angle (95) (Through Max Cd.)



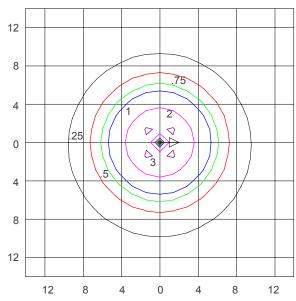
ISOFOOTCANDLE PLOT (RGBW LED, R ONLY)



LIGHTING PLOTS

Isofootcandle Plot shows light distribution pattern at ground level with custom RGBW LED light engine with no shield. Readings have been taken assuming the photometric center of the luminaire to be 2.74 feet above ground level. IES files for standard lamps are available on our website.

ISOFOOTCANDLE PLOT (RGBW LED, G ONLY)

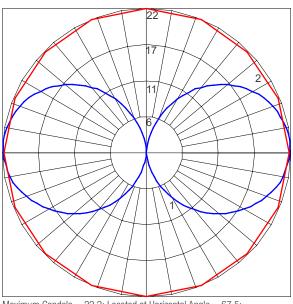


Isofootcandle Plot shows light distribution pattern at ground level with RGBW LED light engine with no shield. Readings have been taken assuming the photometric center of the luminaire to be 2.74 feet above ground level. IES files for standard lamps are available on our website.

FORMS+SURFACES®

© 2021 Forms+Surfaces® | All dimensions are nominal. Specifications and pricing subject to change without notice. For the most current version of this document, please refer to our website at www.forms-surfaces.com.

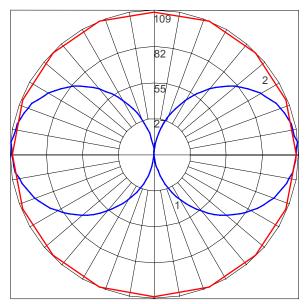
POLAR CANDELA PLOT (RGBW LED, B ONLY)



Maximum Candela = 22.2; Located at Horizontal Angle = 67.5; Vertical Angle = 95

#1 - Vertical Plane Through Horizontal Angles (67.5 - 247.5) (Through Max. Cd.) #2 - Horizontal Cone Through Vertical Angle (95) (Through Max Cd.)

POLAR CANDELA PLOT (RGBW LED, W ONLY)



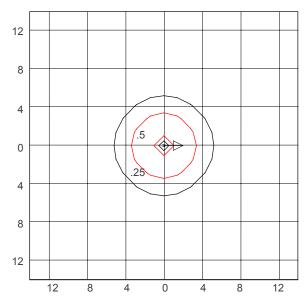
 $[\]begin{array}{ll} \mbox{Maximum Candela} = 109.4; \mbox{ Located at Horizontal Angle} = 67.5; \\ \mbox{Vertical Angle} = 95 \end{array}$

#1 - Vertical Plane Through Horizontal Angles (67.5- 247.5) (Through Max. Cd.)

#2 - Horizontal Cone Through Vertical Angle (95) (Through Max Cd.)

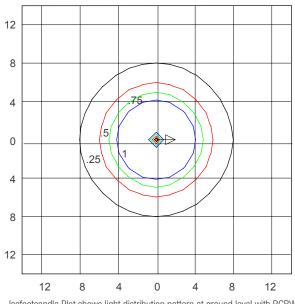


LIGHTING PLOTS



Isofootcandle Plot shows light distribution pattern at ground level with custom RGBW LED light engine with no shield. Readings have been taken assuming the photometric center of the luminaire to be 2.74 feet above ground level. IES files for standard lamps are available on our website.

ISOFOOTCANDLE PLOT (RGBW LED, W ONLY)



Isofootcandle Plot shows light distribution pattern at ground level with RGBW LED light engine with no shield. Readings have been taken assuming the photometric center of the luminaire to be 2.74 feet above ground level. IES files for standard lamps are available on our website.

T 800.451.0410 | www.forms-surfaces.com

© 2021 Forms+Surfaces® | All dimensions are nominal. Specifications and pricing subject to change without notice. For the most current version of this document, please refer to our website at www.forms-surfaces.com.

FORMS+SURFACES®