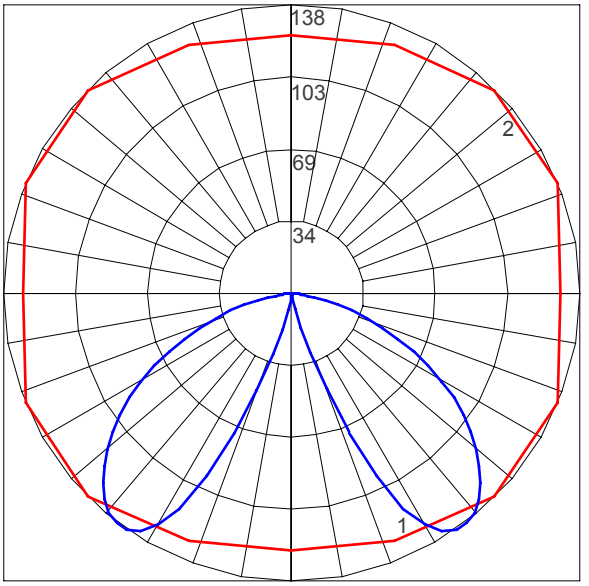
LIGHT ENGINE DESCRIPTIONS

LED ENGINE	LIGHT DISTRIBUTION	DRIVER	LUMINAIRE LUMENS*	B.U.G. RATINGS
3000K LED	360°	40W	424	B0-U1-G0
4000K LED	360°	40W	424	B0-U1-G0
3000K LED	180°	20W	158	B0-U1-G0
4000K LED	180°	20W	158	B0-U1-G0

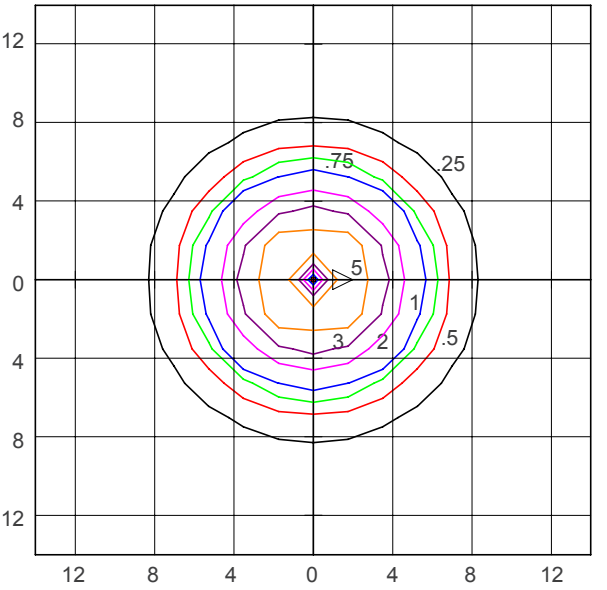
*Luminaire lumens represents the absolute photometry for the luminaire, and indicates the lumens out of the entire fixture.

POLAR CANDELA PLOT (360° 3000K/4000K LED)



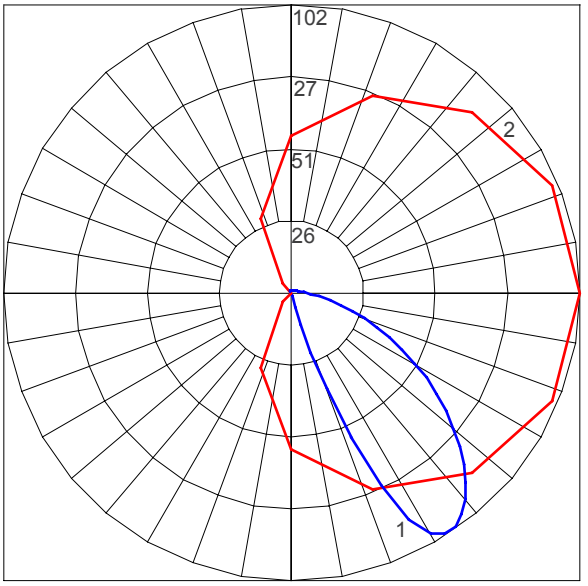
Maximum Candela = 137.7; Located at Horizontal Angle = 22.5;
Vertical Angle = 37.5
#1 - Vertical Plane Through Horizontal Angles (22.5-202.5) (Through Max. Cd.)
#2 - Horizontal Cone Through Vertical Angle (37.5) (Through Max Cd.)

ISOFOOTCANDLE PLOT (360° 3000K/4000K LED)



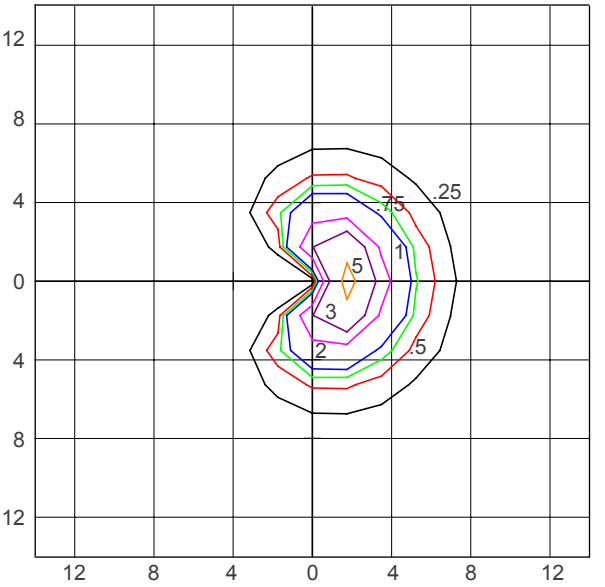
Isofootcandle Plot shows light distribution pattern at ground level with custom LED light engine with no shield. Readings have been taken assuming the photometric center of the luminaire to be 3.3 feet above ground level. IES files for standard lamps are available on our website.

POLAR CANDELA PLOT (180° 3000K/4000K LED)



Maximum Candela = 102.4; Located at Horizontal Angle = 0; Vertical Angle = 32.5
#1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)
#2 - Horizontal Cone Through Vertical Angle (32.5) (Through Max Cd.)

ISOFOOTCANDLE PLOT (180° 3000K/4000K LED)



Isofootcandle Plot shows light distribution pattern at ground level with custom LED light engine with 180° shield. Readings have been taken assuming the photometric center of the luminaire to be 3.3 feet above ground level. IES files for standard lamps are available on our website.