# HELIO™ M40/K8 & M50/K12 SECURITY BOLLARD, SERIES 1200

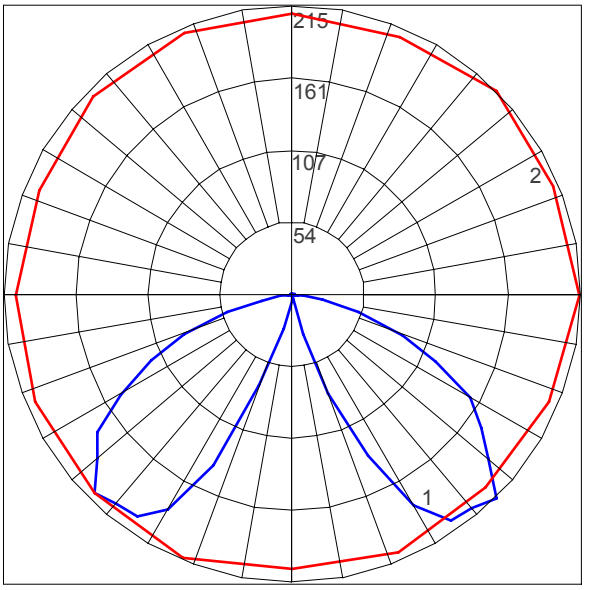


## LAMP DESCRIPTIONS

| LED ENGINE | LIGHT DISTRIBUTION | DESCRIPTION | LUMINAIRE LUMENS* | B.U.G. RATING | STARTING TEMPERATURE °C |
|---|---|---|---|---|---|
| 3000K LED | 360° | 40W LED driver | 700 | B0-U1-G0 | -30 |
| 4000K LED | 360° | 40W LED driver | 700 | B0-U1-G0 | -30 |
| 3000K LED | 180° | 20W LED driver | 260 | B0-U1-G0 | -30 |
| 4000K LED | 180° | 20W LED driver | 260 | B0-U1-G0 | -30 |

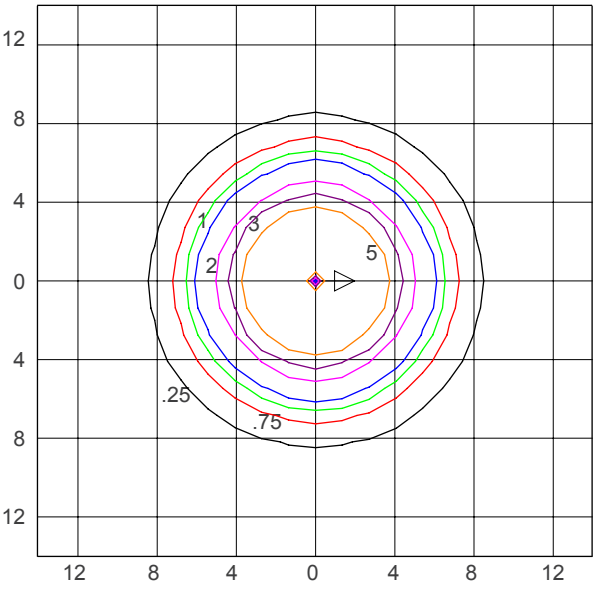
*Luminaire lumens represents the absolute photometry for the luminaire, and indicates the lumens out of the entire fixture.

## POLAR CANDELA PLOT (360°, 40W LED, 3000K/4000K)



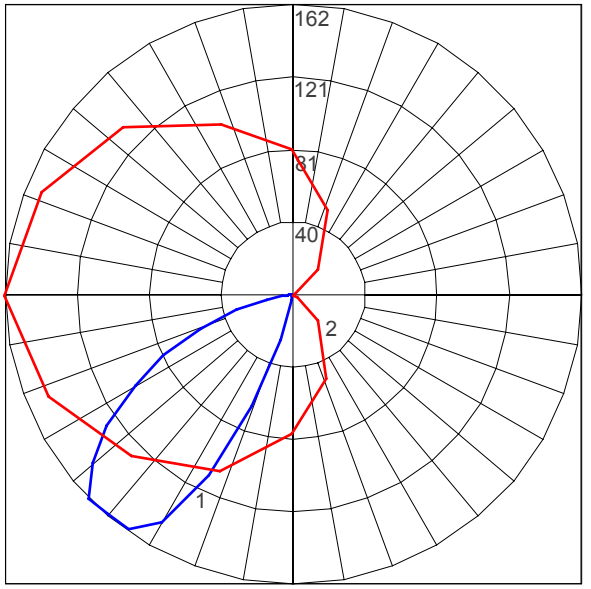

Maximum Candela = 214.93; Located at Horizontal Angle = 45;
Vertical Angle = 45
#1 - Vertical Plane Through Horizontal Angles (45-225) (Through Max. Cd.)
#2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

## ISOFOOTCANDLE PLOT (360°, 40W LED, 3000K/4000K)



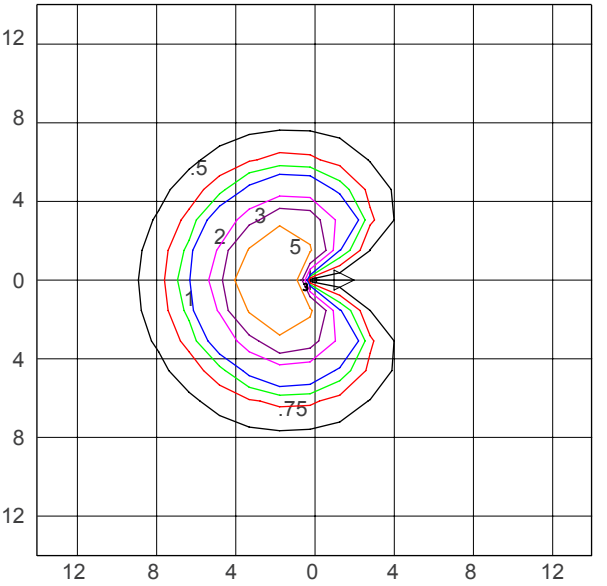

Isofootcandle Plot shows light distribution pattern at ground level with custom LED light engine. Readings have been taken assuming the photometric center of the luminaire to be 3.3 feet above ground level. IES files for standard lamps are available on our website.

## POLAR CANDELA PLOT (180°, 20W LED, 3000K/4000K)




Maximum Candela = 161.99; Located at Horizontal Angle = 180; Vertical Angle = 45
#1 - Vertical Plane Through Horizontal Angles (180-0) (Through Max. Cd.)
#2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

## ISOFOOTCANDLE PLOT (180°, 20W LED, 3000K/4000K)




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.