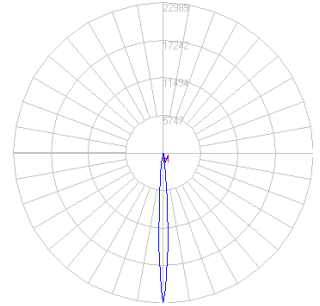


BEGA

Photometric Filename: 77683.ies

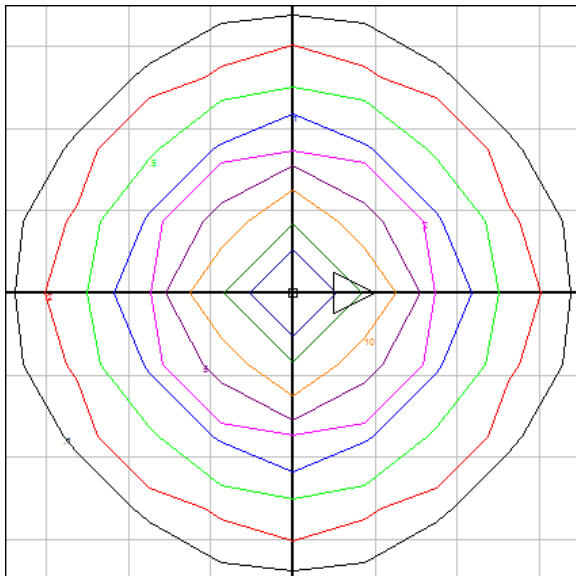
TEST: L04121710
 TEST LAB: LIGHT LABORATORY, INC.
 DATE: 4/24/2012
 LUMINAIRE: 77 683
 LAMP: 13W LED

All results in accordance with IESNA LM-79-08

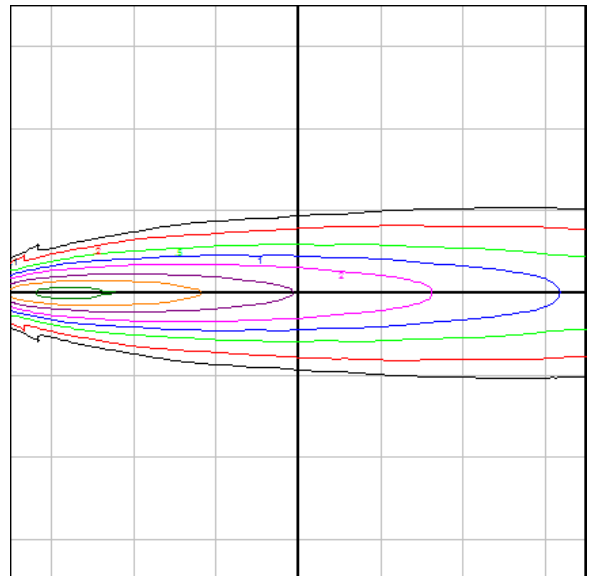


Characteristics

NEMA Type	1 H x 1 V
Maximum Candela	22988.77
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	7.5
Vertical Beam Angle (50%)	7.5
Horizontal Field Angle (10%)	16.5
Vertical Field Angle (10%)	16.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	176
Beam Efficiency	N.A.
Field Lumens	447
Field Efficiency	N.A.
Spill Lumens	169
Luminaire Lumens	616
Total Efficiency	N.A.
Total Luminaire Watts	14.84
Ballast Factor	1.00



Setback = 15 ft. Grid Spacing = 2 ft.



Beam Cross Section

Grid Spacing = 3 ft.

In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

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8/10/2015