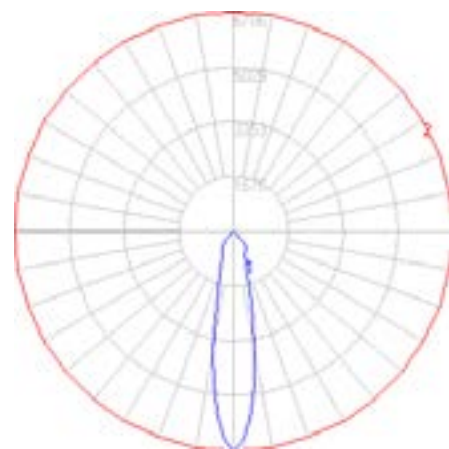


BEGA

Photometric Filename: 66978.ies

TEST: BE_66978
TEST LAB: BEGA
DATE: 12/6/2017
LUMINAIRE: 66 978
LAMP: 15.7W LED

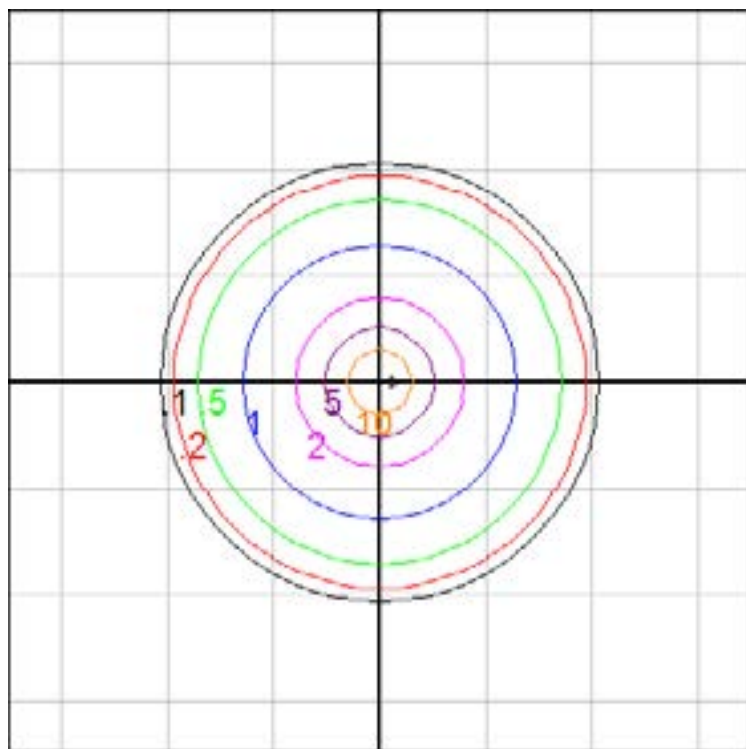


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1980
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	104
Total Luminaire Watts	19
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.38
Spacing Criterion (90-270)	0.38
Spacing Criterion (Diagonal)	0.40
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.49 ft (Diameter)
Luminous Height	0.00 ft

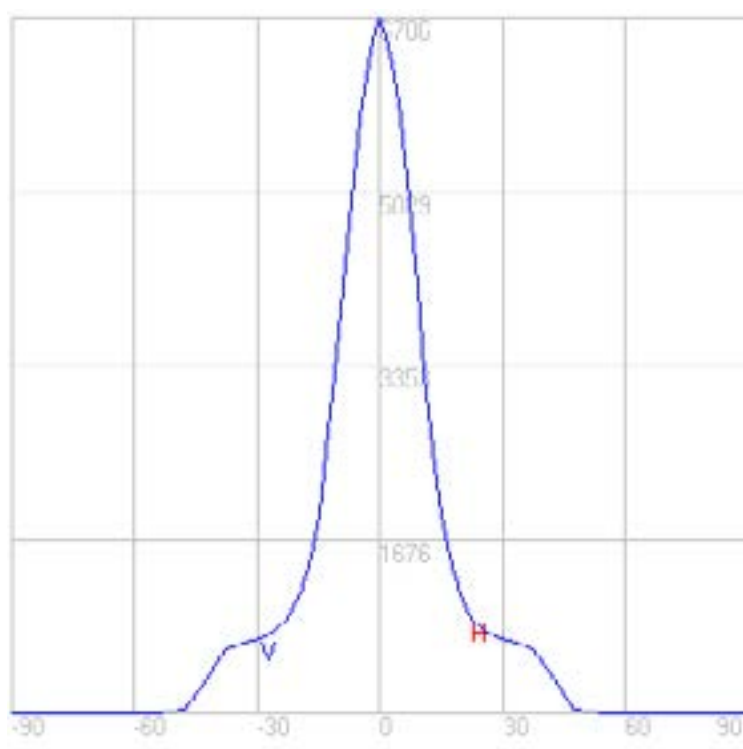
Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	6705.7
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	21.7
Vertical Beam Angle (50%)	21.7
Horizontal Field Angle (10%)	66.2
Vertical Field Angle (10%)	66.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	553
Beam Efficiency	N.A.
Field Lumens	1550
Field Efficiency	N.A.
Spill Lumens	430
Luminaire Lumens	1980
Total Efficiency	N.A.
Total Luminaire Watts	19



Mounting Height = 20 ft. AFF

Grid Spacing = 10 ft.



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

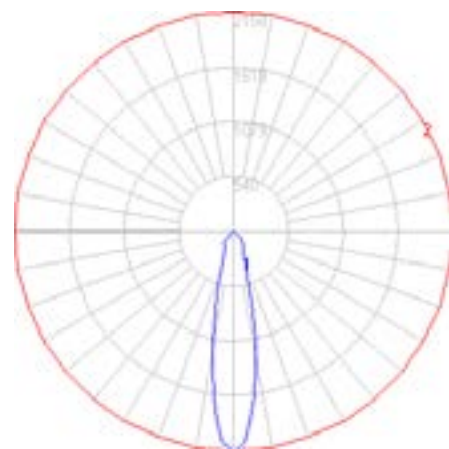
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1/14/2019

BEGA

Photometric Filename: 66978AMB.ies

TEST: L121804104
 TEST LAB: Light Laboratory Inc.
 DATE: 1/11/2019
 LUMINAIRE: 66 978 Amber
 LAMP: 18.0W LED

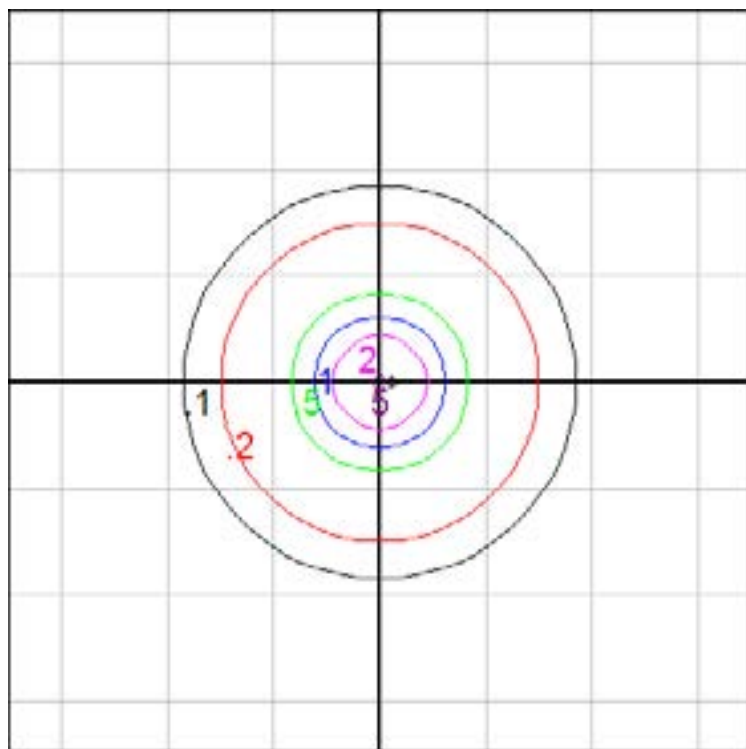


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	603
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	28
Total Luminaire Watts	21.35
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.38
Spacing Criterion (90-270)	0.38
Spacing Criterion (Diagonal)	0.40
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.59 ft (Diameter)
Luminous Width (90-270)	0.59 ft (Diameter)
Luminous Height	0.00 ft

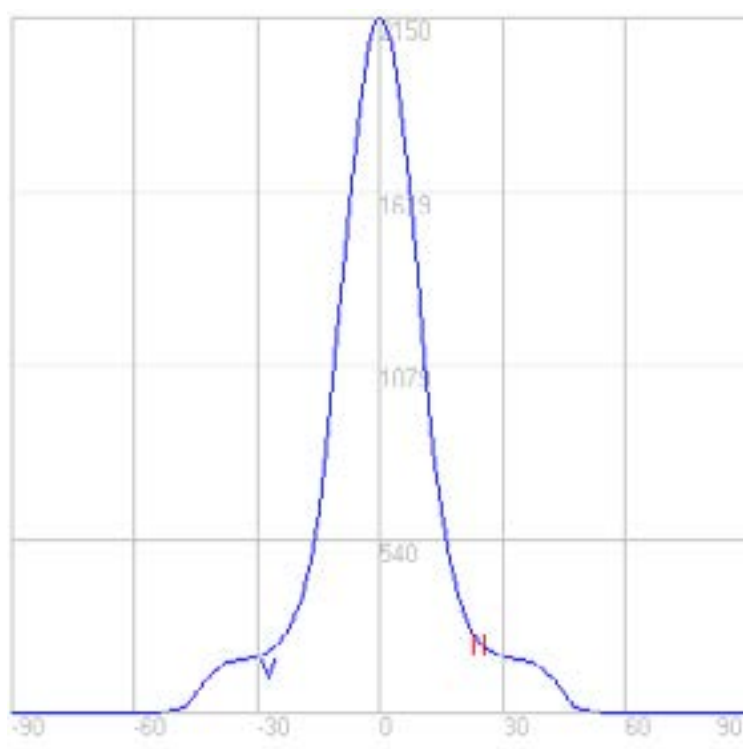
Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	2158
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	22.3
Vertical Beam Angle (50%)	22.3
Horizontal Field Angle (10%)	49.9
Vertical Field Angle (10%)	49.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	183
Beam Efficiency	N.A.
Field Lumens	395
Field Efficiency	N.A.
Spill Lumens	207
Luminaire Lumens	603
Total Efficiency	N.A.
Total Luminaire Watts	21.35



Mounting Height = 20 ft. AFF

Grid Spacing = 10 ft.



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