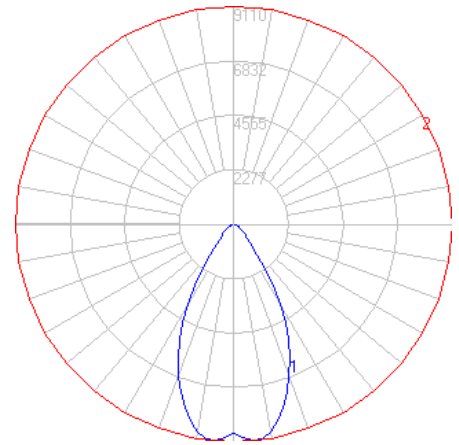


BEGA

Photometric Filename: 84546K4.ies

TEST: BE_84546K4
TEST LAB: BEGA
DATE: 2/20/2018
LUMINAIRE: 84546
LAMP: 71.1W LED

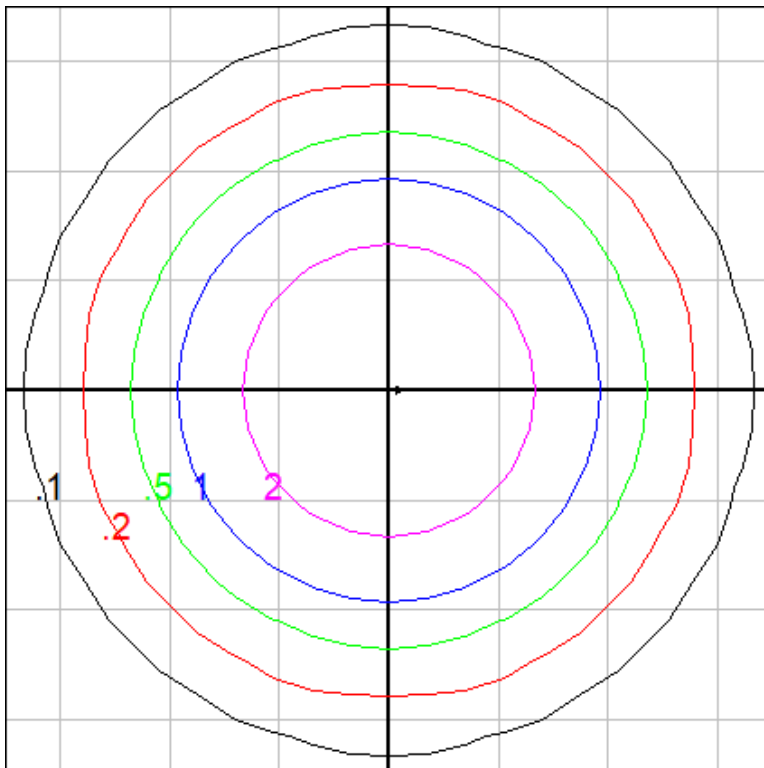


Characteristics

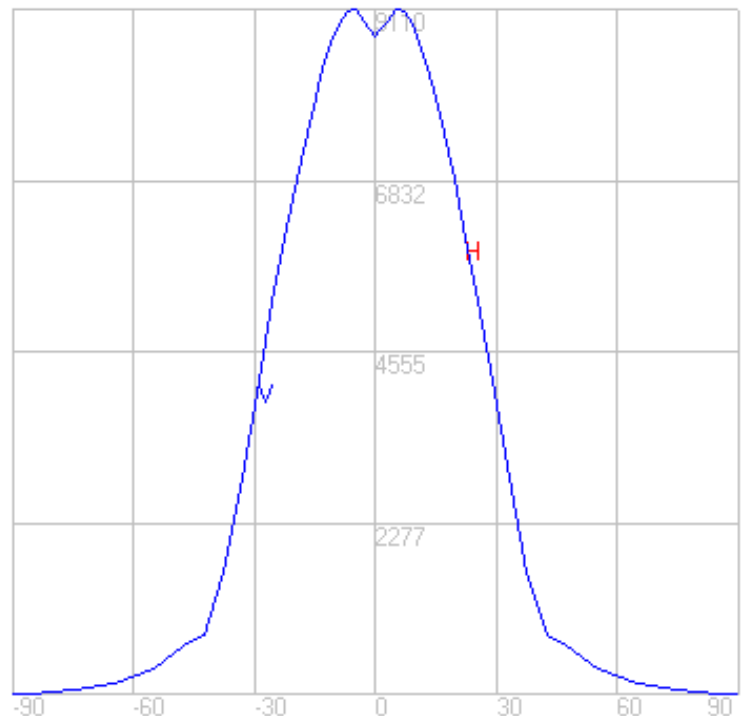
NEMA Type	5 H x 5 V
Maximum Candela	9247.9
Maximum Candela Angle	-5 H -1 V
Horizontal Beam Angle (50%)	54.6
Vertical Beam Angle (50%)	55.4
Horizontal Field Angle (10%)	83.3
Vertical Field Angle (10%)	83.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	5111
Beam Efficiency	N.A.
Field Lumens	7219
Field Efficiency	N.A.
Spill Lumens	969
Luminaire Lumens	8188
Total Efficiency	N.A.
Total Luminaire Watts	77

Zonal Lumen Summary

Zone	Lumens
0-10	872.96
10-20	2235.27
20-30	2472.88
30-40	1467.35
40-50	576.51
50-60	327.71
60-70	141.72
70-80	60.80
80-90	10.07
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Fixture Setback = 50 ft. Grid Spacing = 15 ft.



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

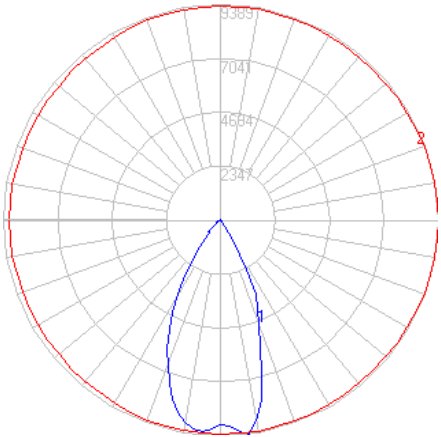
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BEGA

Photometric Filename: 84546K4_71072.ies

TEST: BE_84546K4_71072
TEST LAB: BEGA
DATE: 2/20/2018
LUMINAIRE: 84546 + 71072 shield
LAMP: 71.1W LED

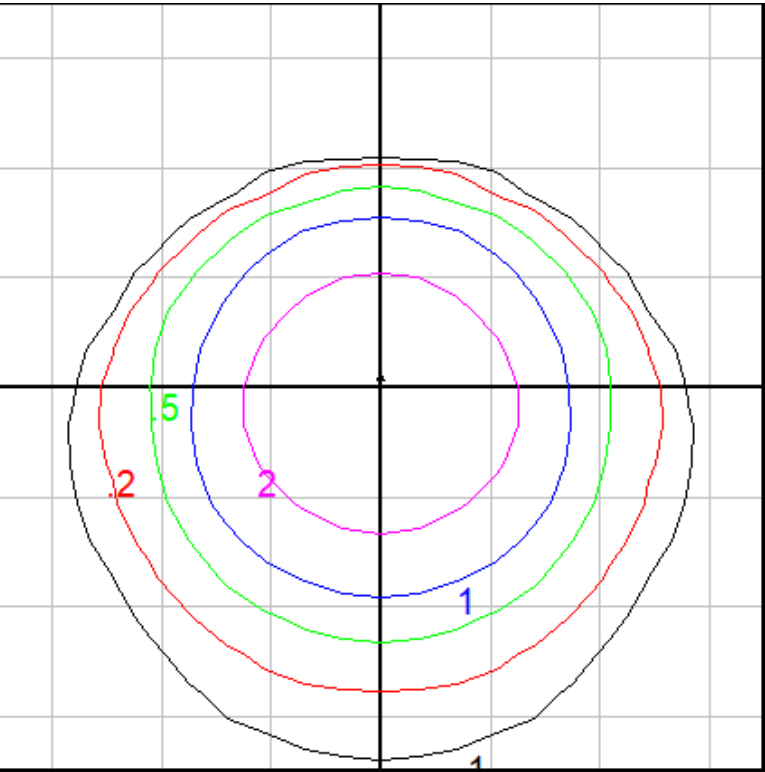


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	9499.9
Maximum Candela Angle	0 H 7 V
Horizontal Beam Angle (50%)	43.3
Vertical Beam Angle (50%)	47.5
Horizontal Field Angle (10%)	72.0
Vertical Field Angle (10%)	72.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	3953
Beam Efficiency	N.A.
Field Lumens	5767
Field Efficiency	N.A.
Spill Lumens	550
Luminaire Lumens	6317
Total Efficiency	N.A.
Total Luminaire Watts	77

Zonal Lumen Summary

Zone	Lumens
0-10	886.37
10-20	2129.53
20-30	2008.9
30-40	817.87
40-50	249.18
50-60	124.92
60-70	56.43
70-80	22.14
80-90	4.52
90-100	1.07
100-110	0.35
110-120	0.08
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Fixture Setback = 50 ft. Grid Spacing = 15 ft.

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

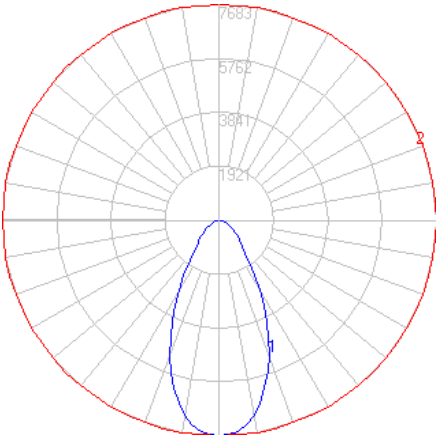
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Photometric Filename: 84546K4_71074.ies

TEST: BE_84546K4_71074
TEST LAB: BEGA
DATE: 2/20/2018
LUMINAIRE: 84546 + 71074 spread lens
LAMP: 71.1W LED

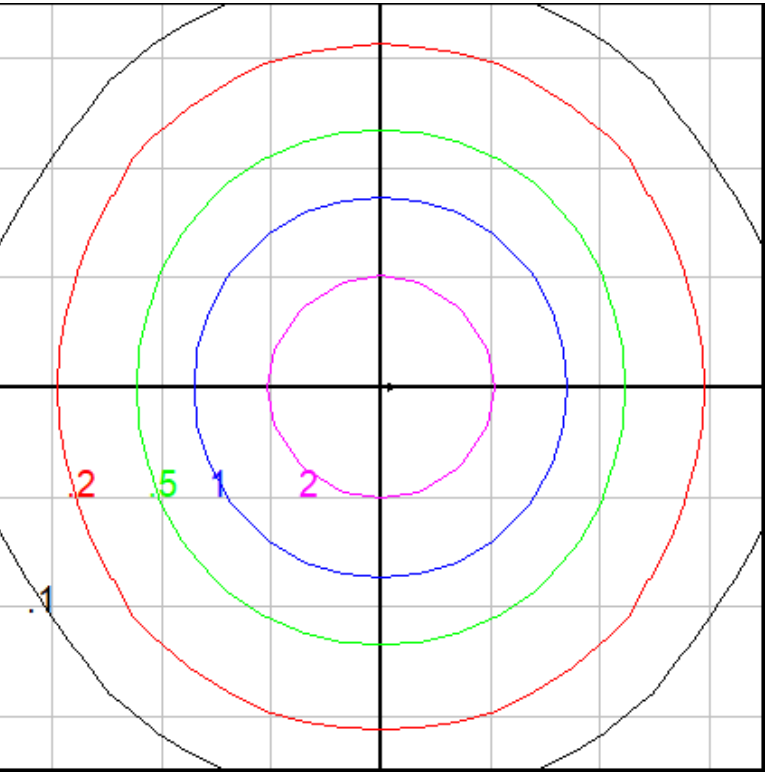


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	7798.7
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	52.5
Vertical Beam Angle (50%)	51.3
Horizontal Field Angle (10%)	103.1
Vertical Field Angle (10%)	103.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	3600
Beam Efficiency	N.A.
Field Lumens	6532
Field Efficiency	N.A.
Spill Lumens	1014
Luminaire Lumens	7547
Total Efficiency	N.A.
Total Luminaire Watts	77

Zonal Lumen Summary

Zone	Lumens
0-10	710.25
10-20	1730.71
20-30	1882.54
30-40	1371.69
40-50	837.26
50-60	524.45
60-70	306.73
70-80	145.05
80-90	24.64
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Fixture Setback = 50 ft. Grid Spacing = 15 ft.

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