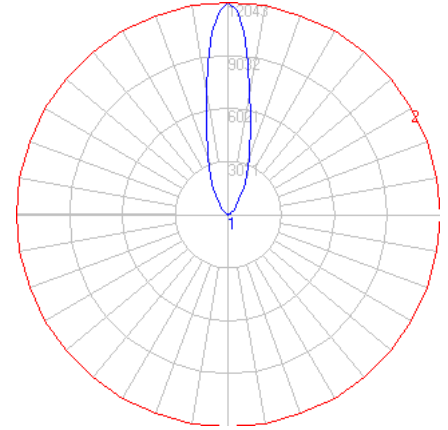


BEGA

File: 84902K4_BEGA_IES.ies

TEST: BE_84902K4
TEST LAB: BEGA
DATE: 09/14/2021
LUMINAIRE: 84902K4
LAMP: 46.7W LED

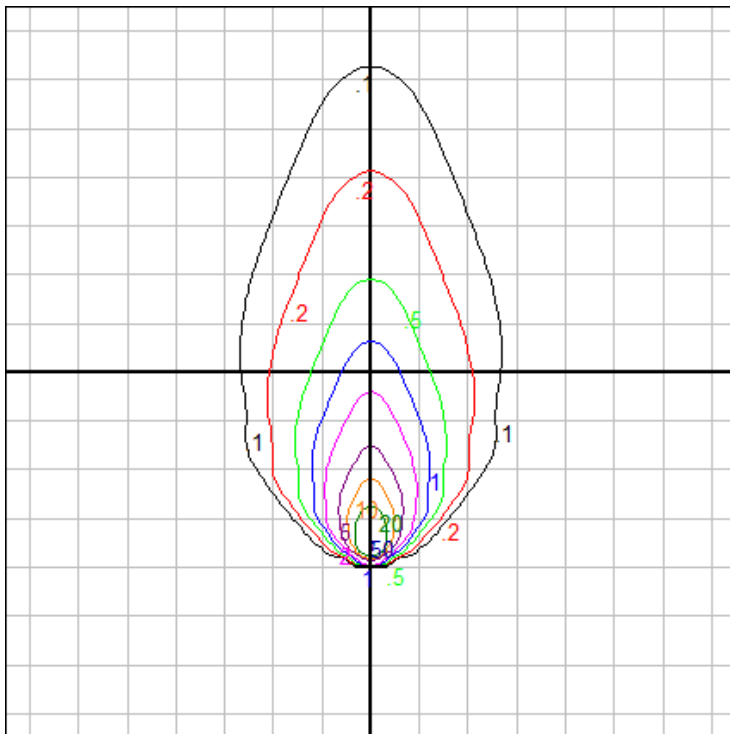


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	12042.8
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	24.1
Vertical Beam Angle (50%)	24.1
Horizontal Field Angle (10%)	68.1
Vertical Field Angle (10%)	68.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1144
Beam Efficiency	N.A.
Field Lumens	3687
Field Efficiency	N.A.
Spill Lumens	940
Luminaire Lumens	4627
Total Efficiency	N.A.
Total Luminaire Watts	54
Ballast Factor	1.00

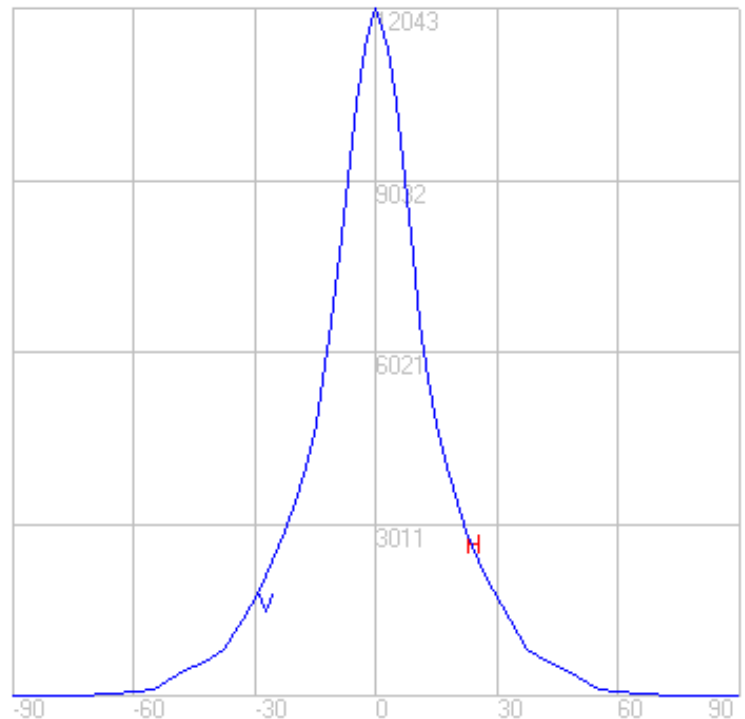
Zonal Lumen Summary

Zone	Lumens
0-10	882.22
10-20	1349.22
20-30	1126.25
30-40	691.29
40-50	399.40
50-60	131.44
60-70	33.03
70-80	4.96
80-90	0.08
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



Setback Distance: 2 ft.

Grid Spacing: 6 ft.



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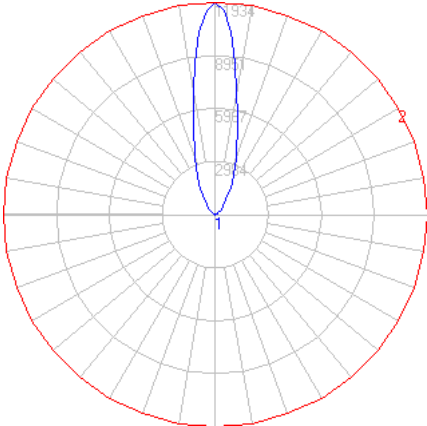
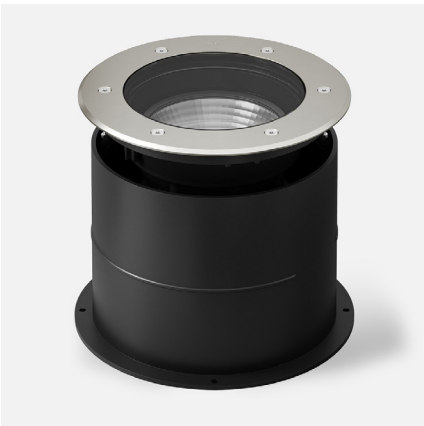
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BEGA

File: 84902K35_BEGA_IES.ies

TEST: BE_84902K4
TEST LAB: BEGA
DATE: 09/14/2021
LUMINAIRE: 84902K35
LAMP: 46.7W LED

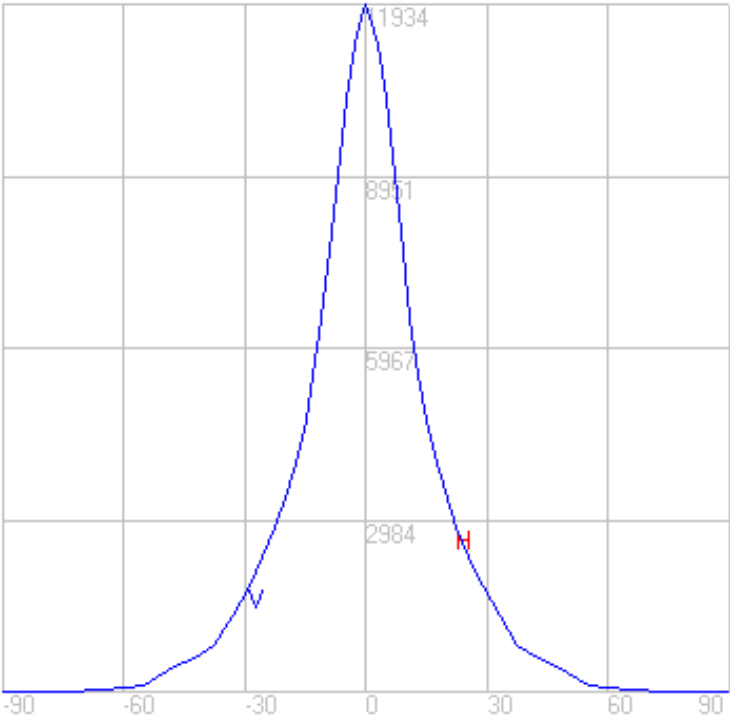
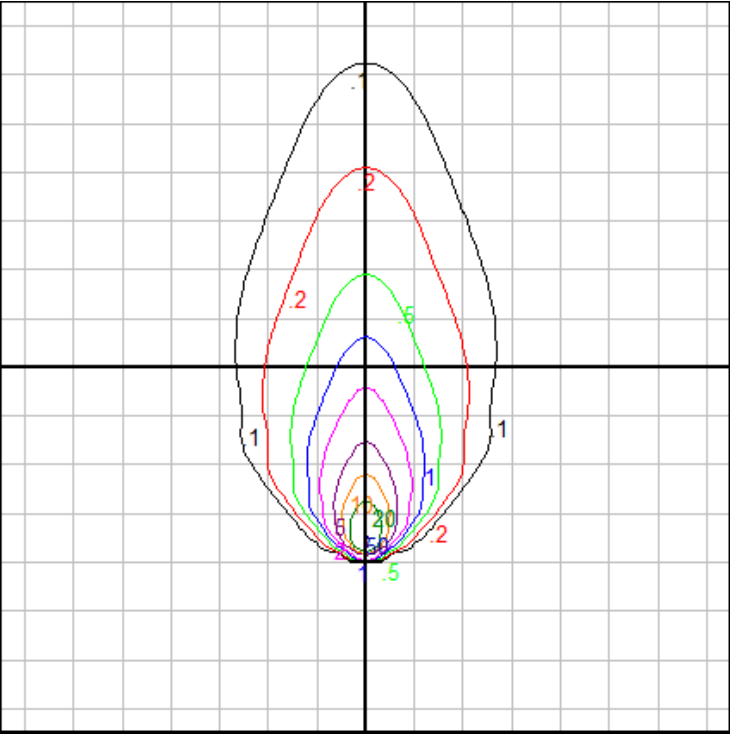


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	11934.415
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	24.1
Vertical Beam Angle (50%)	24.1
Horizontal Field Angle (10%)	68.1
Vertical Field Angle (10%)	68.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1133
Beam Efficiency	N.A.
Field Lumens	3654
Field Efficiency	N.A.
Spill Lumens	932
Luminaire Lumens	4586
Total Efficiency	N.A.
Total Luminaire Watts	54
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	874.28
10-20	1337.07
20-30	1116.12
30-40	685.07
40-50	395.81
50-60	130.25
60-70	32.74
70-80	4.91
80-90	0.08
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



Setback Distance: 2 ft.

Grid Spacing: 6 ft.

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

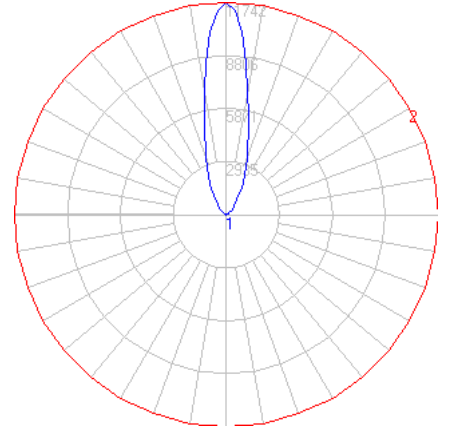
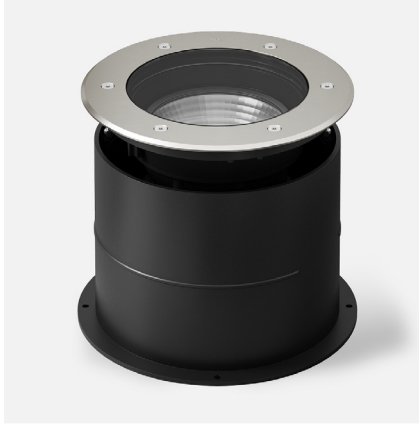
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BEGA

File: 84902K3_BEGA_IES.ies

TEST: BE_84902K4
TEST LAB: BEGA
DATE: 09/14/2021
LUMINAIRE: 84902K3
LAMP: 46.7W LED

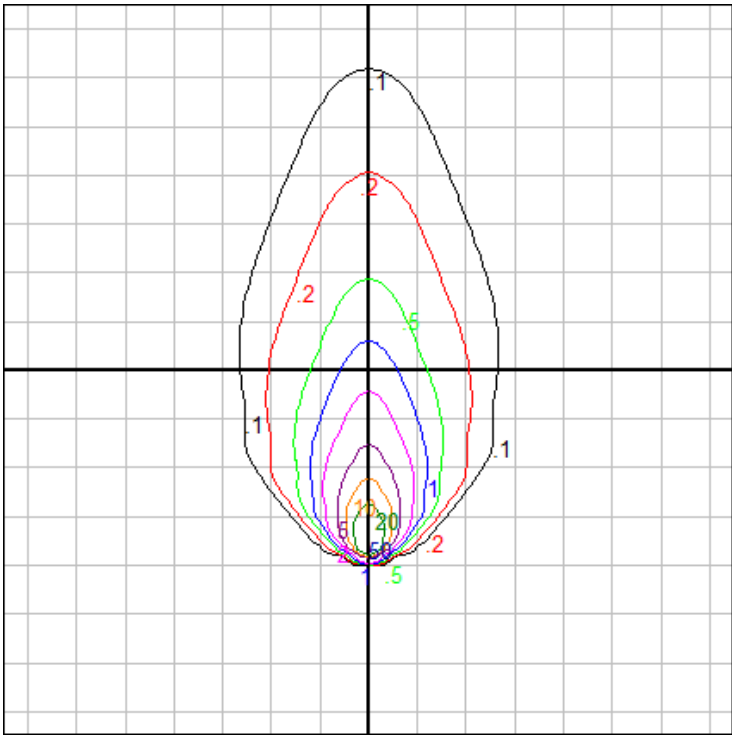


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	11741.73
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	24.1
Vertical Beam Angle (50%)	24.1
Horizontal Field Angle (10%)	68.1
Vertical Field Angle (10%)	68.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1115
Beam Efficiency	N.A.
Field Lumens	3595
Field Efficiency	N.A.
Spill Lumens	917
Luminaire Lumens	4512
Total Efficiency	N.A.
Total Luminaire Watts	54
Ballast Factor	1.00

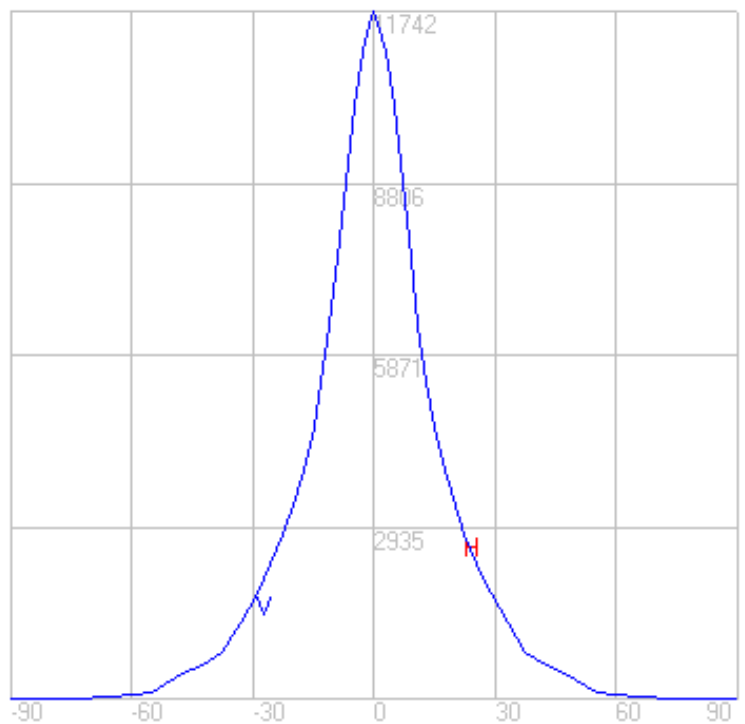
Zonal Lumen Summary

Zone	Lumens
0-10	860.16
10-20	1315.49
20-30	1098.1
30-40	674.01
40-50	389.42
50-60	128.15
60-70	32.21
70-80	4.83
80-90	0.08
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



Setback Distance: 2 ft.

Grid Spacing: 6 ft.

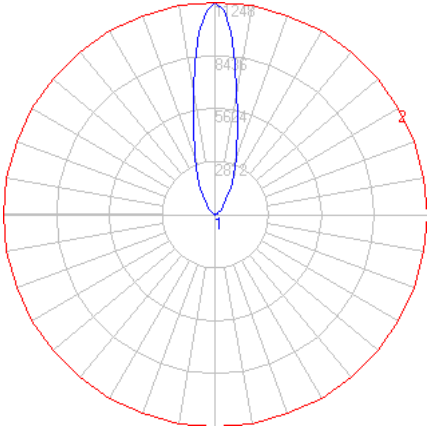
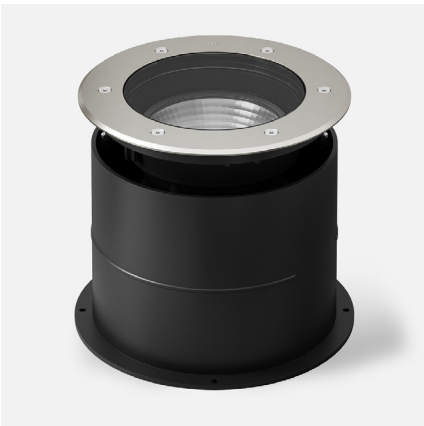


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BEGA

File: 84902K27_BEGA_IES.ies

TEST: BE_84902K4
TEST LAB: BEGA
DATE: 09/14/2021
LUMINAIRE: 84902K27
LAMP: 46.7W LED

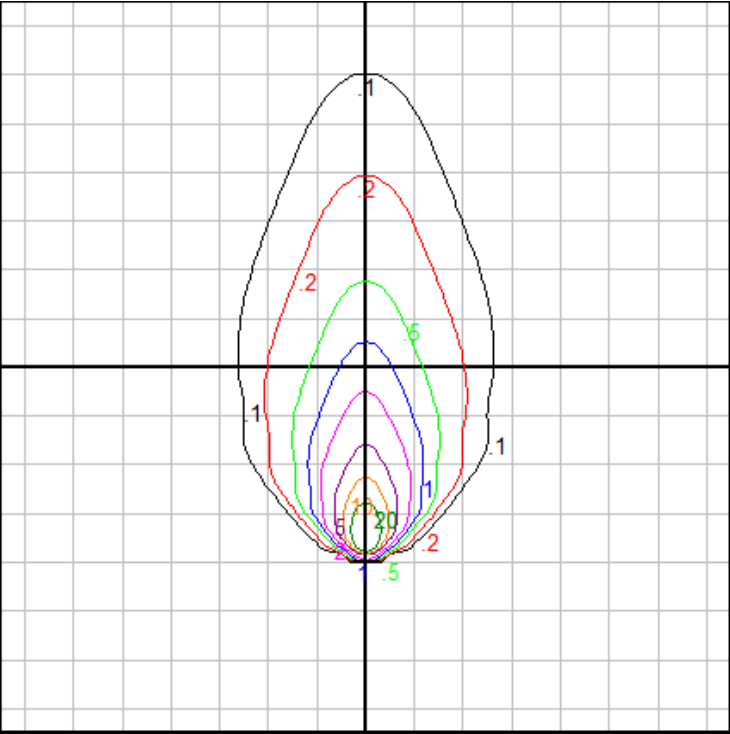


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	11247.975
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	24.1
Vertical Beam Angle (50%)	24.1
Horizontal Field Angle (10%)	68.1
Vertical Field Angle (10%)	68.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1068
Beam Efficiency	N.A.
Field Lumens	3444
Field Efficiency	N.A.
Spill Lumens	878
Luminaire Lumens	4322
Total Efficiency	N.A.
Total Luminaire Watts	54
Ballast Factor	1.00

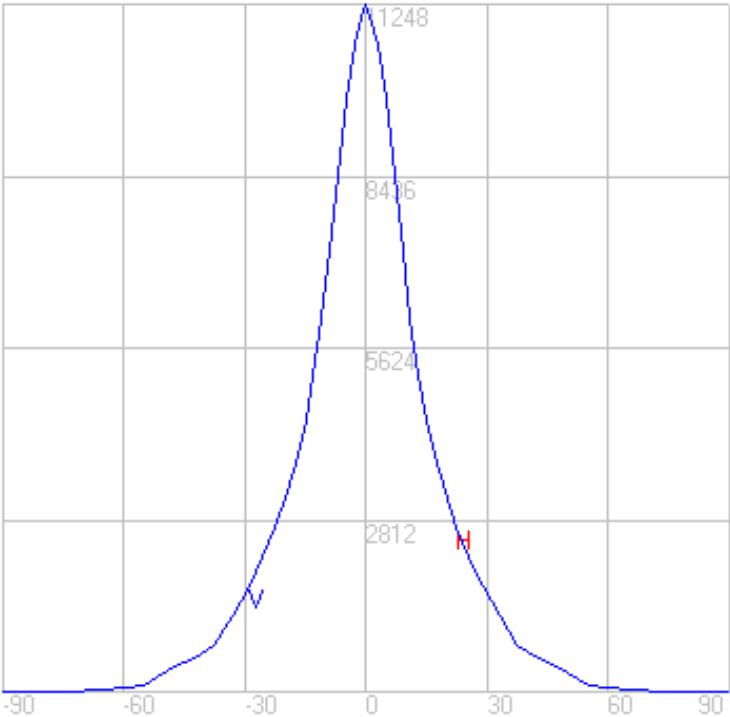
Zonal Lumen Summary

Zone	Lumens
0-10	823.99
10-20	1260.17
20-30	1051.91
30-40	645.66
40-50	373.04
50-60	122.76
60-70	30.85
70-80	4.63
80-90	0.08
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



Setback Distance: 2 ft.

Grid Spacing: 6 ft.

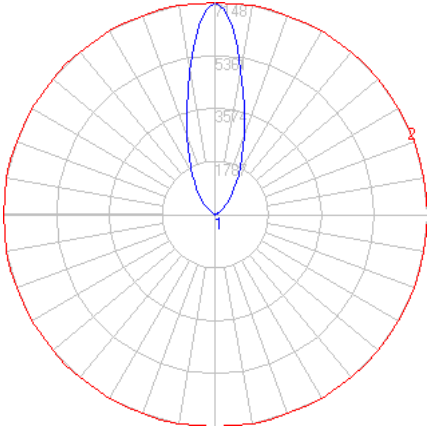
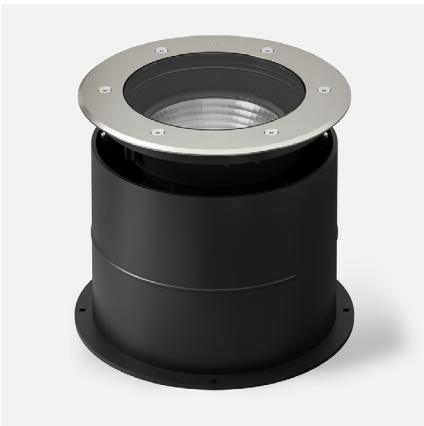


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BEGA

File: 84902K4_10019_BEGA_IES.ies

TEST: BE_84902K4_0deg_10019
TEST LAB: BEGA
DATE: 09/14/2021
LUMINAIRE: 84902K4 + 10019 Spread Lens
LAMP: 46.7W LED

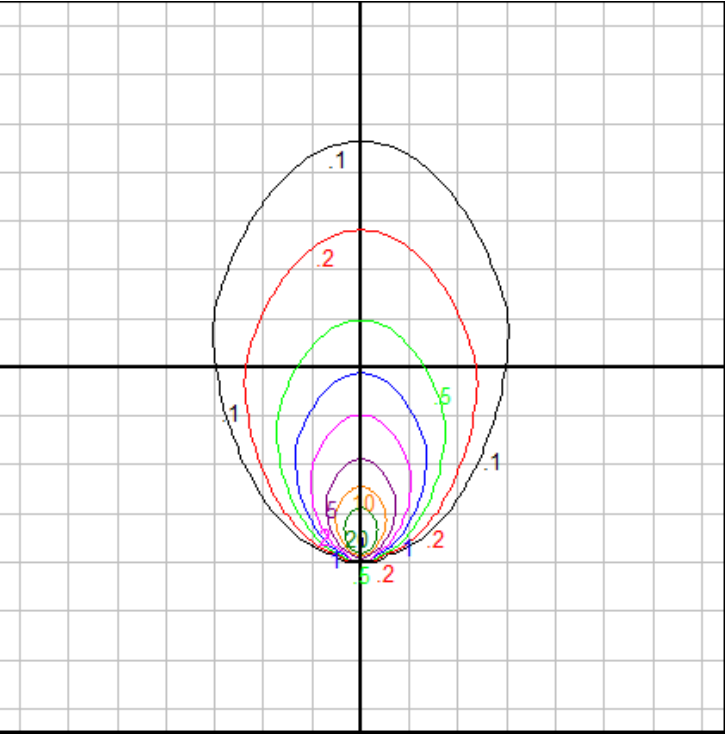


Characteristics

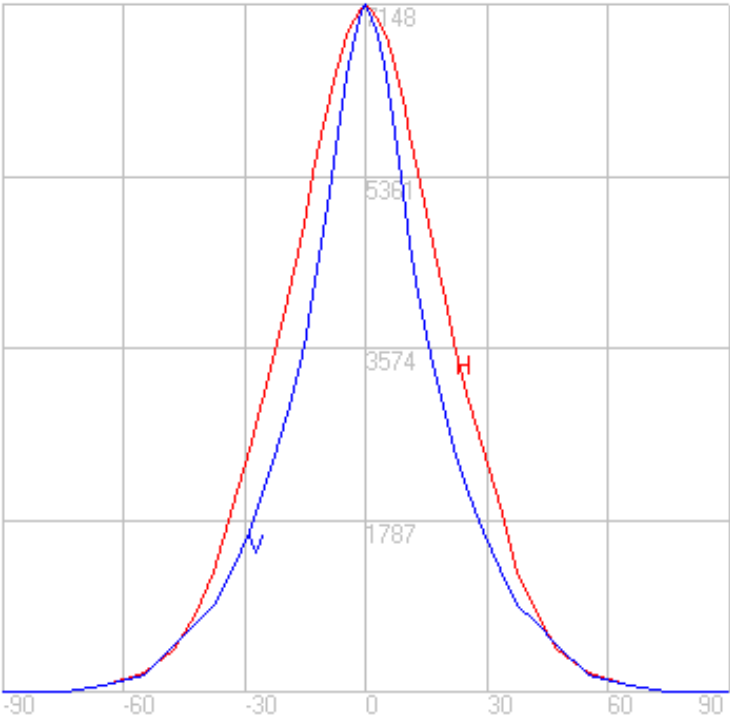
NEMA Type	5 H x 5 V
Maximum Candela	7147.8
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	44.6
Vertical Beam Angle (50%)	31.3
Horizontal Field Angle (10%)	87.0
Vertical Field Angle (10%)	84.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1581
Beam Efficiency	N.A.
Field Lumens	3827
Field Efficiency	N.A.
Spill Lumens	566
Luminaire Lumens	4392
Total Efficiency	N.A.
Total Luminaire Watts	54
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	591.81
10-20	1176.16
20-30	1136.15
30-40	810.94
40-50	433.42
50-60	169.60
60-70	55.04
70-80	7.51
80-90	0.08
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



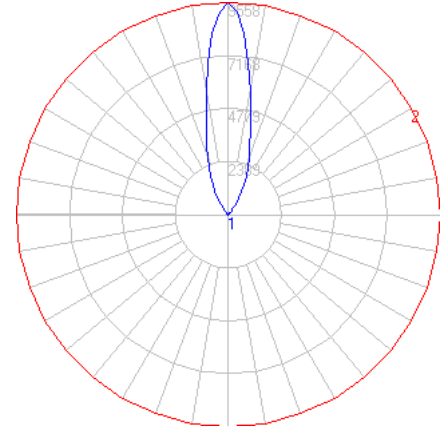
Setback Distance: 2ft. Grid Spacing: 6 ft.



BEGA

File: 84902K4_71112_BEGA_IES.ies

TEST: BE_84902K4_0deg_71112
 TEST LAB: BEGA
 DATE: 09/14/2021
 LUMINAIRE: 84902K4 + 71112 Louver
 LAMP: 46.7W LED

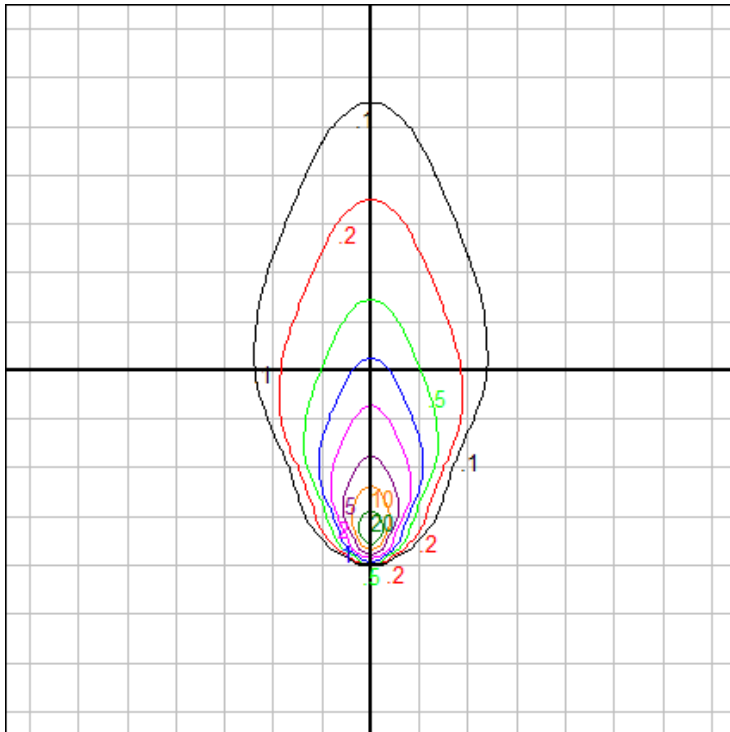


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	9557.7
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	24.4
Vertical Beam Angle (50%)	24.4
Horizontal Field Angle (10%)	64.3
Vertical Field Angle (10%)	64.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	908
Beam Efficiency	N.A.
Field Lumens	2780
Field Efficiency	N.A.
Spill Lumens	416
Luminaire Lumens	3196
Total Efficiency	N.A.
Total Luminaire Watts	54
Ballast Factor	1.00

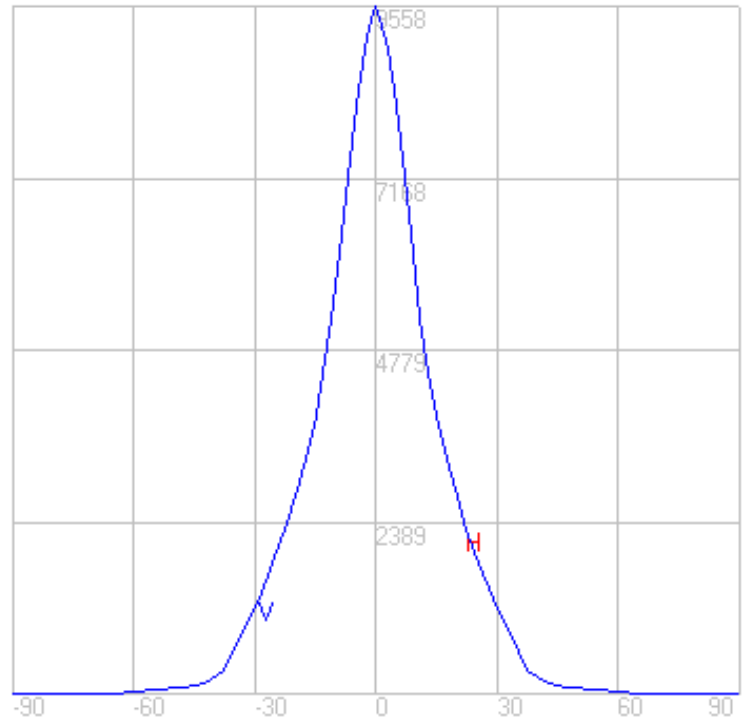
Zonal Lumen Summary

Zone	Lumens
0-10	699.05
10-20	1086.33
20-30	866.47
30-40	382.62
40-50	97.03
50-60	46.01
60-70	13.70
70-80	2.28
80-90	0.00
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



Setback Distance: 2ft.

Grid Spacing: 6 ft.



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