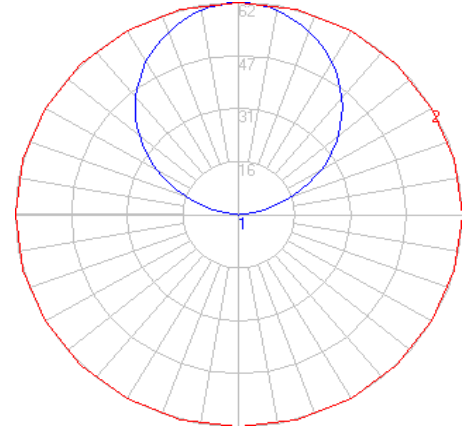


BEGA

File: 84289K4_BEGA_IES.ies

TEST: BE_84289K4
 TEST LAB: BEGA
 DATE: N/A
 LUMINAIRE: 84 289K4
 LAMP: 3.0W LED

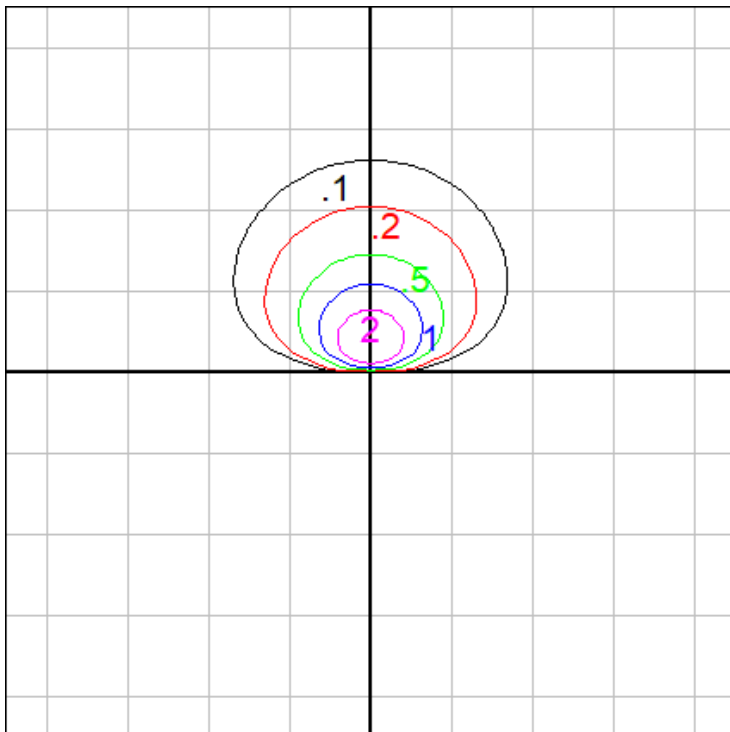


Characteristics

NEMA Type	7 H x 7 V
Maximum Candela	62
Maximum Candela Angle	-1 H 0 V
Horizontal Beam Angle (50%)	110.8
Vertical Beam Angle (50%)	110.8
Horizontal Field Angle (10%)	160.4
Vertical Field Angle (10%)	160.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	126
Beam Efficiency	N.A.
Field Lumens	168
Field Efficiency	N.A.
Spill Lumens	4
Luminaire Lumens	172
Total Efficiency	N.A.
Total Luminaire Watts	5
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.00
90-100	2.49
100-110	11.54
110-120	21.07
120-130	28.00
130-140	31.15
140-150	30.15
150-160	25.12
160-170	16.67
170-180	5.85



Setback: 2 ft.

Grid Spacing: 4 ft.

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

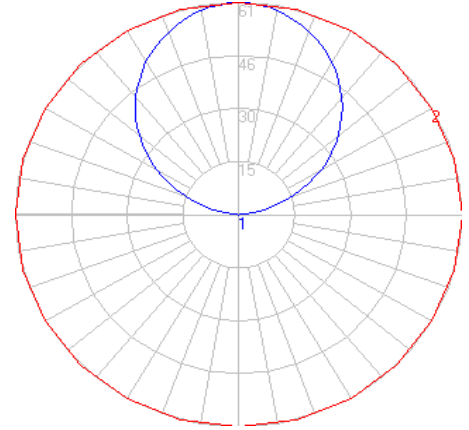
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BEGA

File: 84289K35_BEGA_IES.ies

TEST: BE_84289K4
TEST LAB: BEGA
DATE: N/A
LUMINAIRE: 84 289K35
LAMP: 3.0W LED

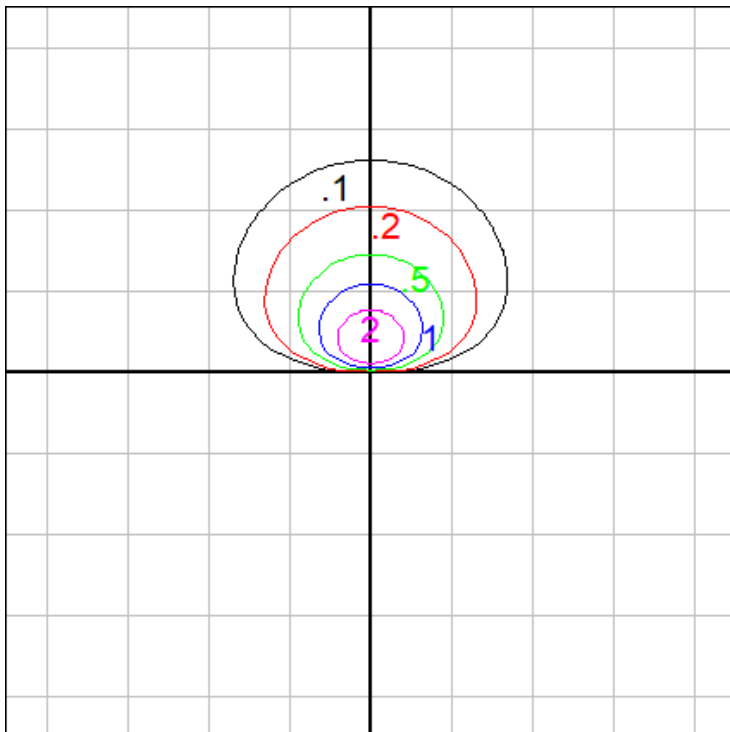


Characteristics

NEMA Type	7 H x 7 V
Maximum Candela	60.76
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	110.8
Vertical Beam Angle (50%)	110.8
Horizontal Field Angle (10%)	160.4
Vertical Field Angle (10%)	160.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	123
Beam Efficiency	N.A.
Field Lumens	165
Field Efficiency	N.A.
Spill Lumens	4
Luminaire Lumens	168
Total Efficiency	N.A.
Total Luminaire Watts	5
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.00
90-100	2.44
100-110	11.31
110-120	20.64
120-130	27.44
130-140	30.53
140-150	29.55
150-160	24.62
160-170	16.33
170-180	5.73



Setback: 2 ft.

Grid Spacing: 4 ft.

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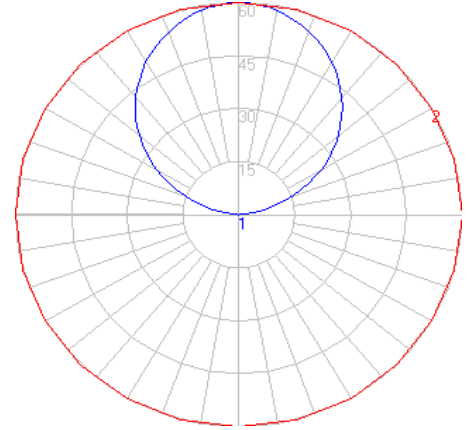
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BEGA

File: 84289K3_BEGA_IES.ies

TEST: BE_84289K4
 TEST LAB: BEGA
 DATE: N/A
 LUMINAIRE: 84 289K3
 LAMP: 3.0W LED

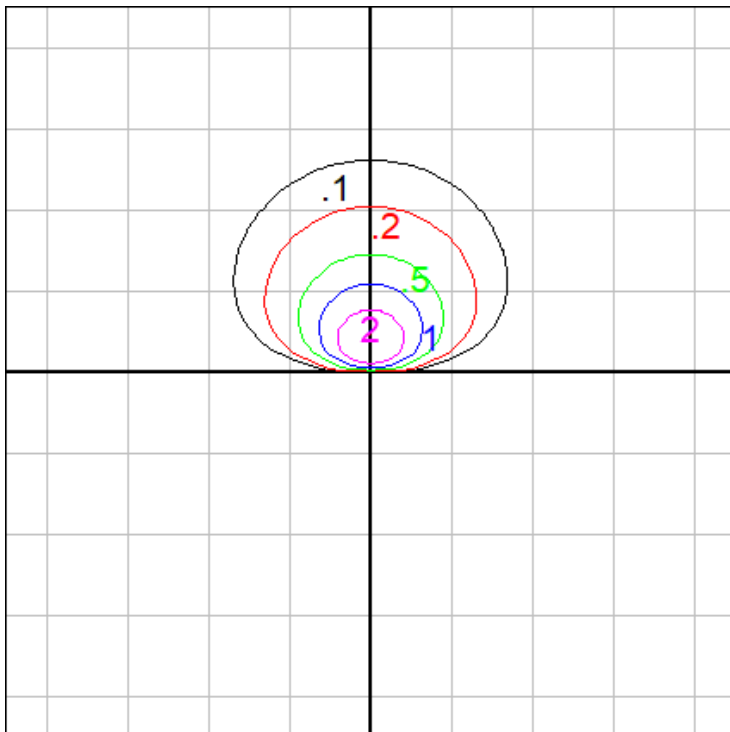


Characteristics

NEMA Type	7 H x 7 V
Maximum Candela	60.14
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	110.8
Vertical Beam Angle (50%)	110.8
Horizontal Field Angle (10%)	160.4
Vertical Field Angle (10%)	160.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	122
Beam Efficiency	N.A.
Field Lumens	163
Field Efficiency	N.A.
Spill Lumens	4
Luminaire Lumens	167
Total Efficiency	N.A.
Total Luminaire Watts	5
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.00
90-100	2.41
100-110	11.20
110-120	20.43
120-130	27.16
130-140	30.21
140-150	29.25
150-160	24.36
160-170	16.17
170-180	5.67



Setback: 2 ft.

Grid Spacing: 4 ft.

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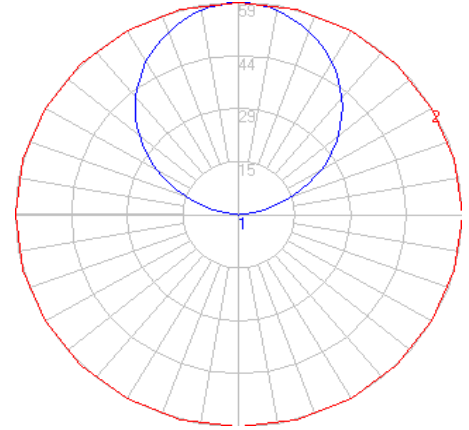
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BEGA

File: 84289K27_BEGA_IES.ies

TEST: BE_84289K4
TEST LAB: BEGA
DATE: N/A
LUMINAIRE: 84 289K27
LAMP: 3.0W LED

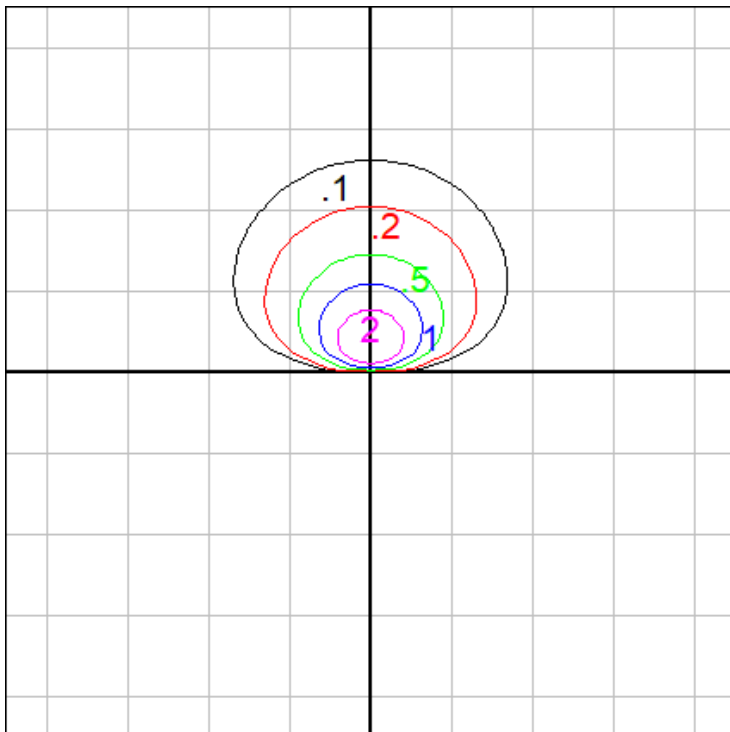


Characteristics

NEMA Type	7 H x 7 V
Maximum Candela	58.652
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	110.8
Vertical Beam Angle (50%)	110.8
Horizontal Field Angle (10%)	160.4
Vertical Field Angle (10%)	160.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	119
Beam Efficiency	N.A.
Field Lumens	159
Field Efficiency	N.A.
Spill Lumens	3
Luminaire Lumens	163
Total Efficiency	N.A.
Total Luminaire Watts	5
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.00
90-100	2.35
100-110	10.92
110-120	19.93
120-130	26.49
130-140	29.47
140-150	28.53
150-160	23.76
160-170	15.77
170-180	5.53



Setback: 2 ft.

Grid Spacing: 4 ft.

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