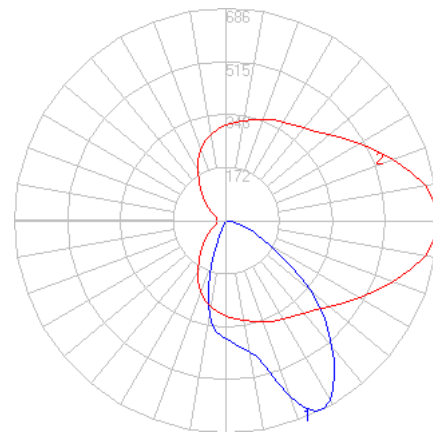


BEGA

File: 24369K4_BEGA_IES.ies

TEST: BE_24369K4
TEST LAB: BEGA
DATE: 6/12/2019
LUMINAIRE: 24 369K4
LAMP: 8.5W LED

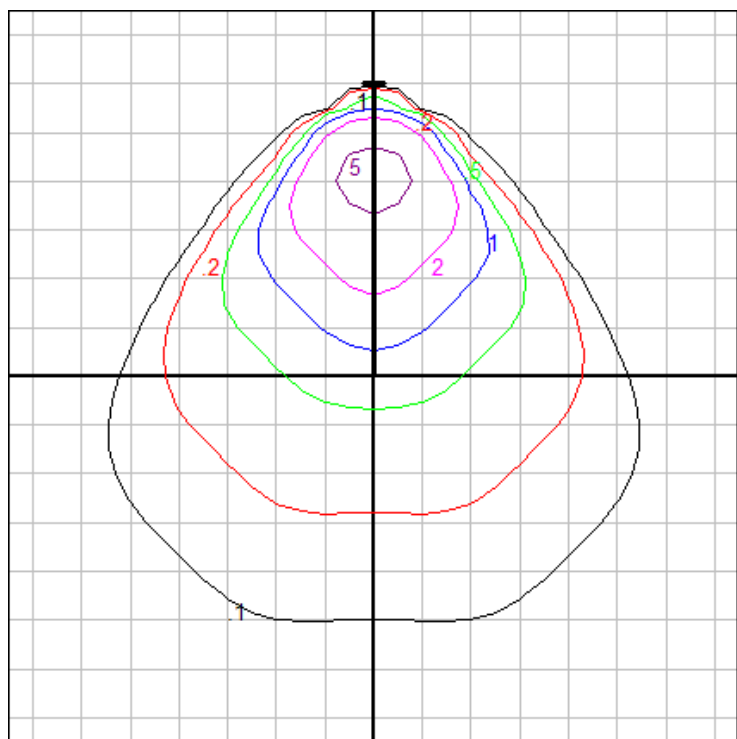


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	682.648
Maximum Candela Angle	0 H 25.5 V
Horizontal Beam Angle (50%)	57.1
Vertical Beam Angle (50%)	58.4
Horizontal Field Angle (10%)	89.1
Vertical Field Angle (10%)	95.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	365
Beam Efficiency	N.A.
Field Lumens	595
Field Efficiency	N.A.
Spill Lumens	36
Luminaire Lumens	631
Total Efficiency	N.A.
Total Luminaire Watts	10
Ballast Factor	1.00

Zonal Lumen Summary

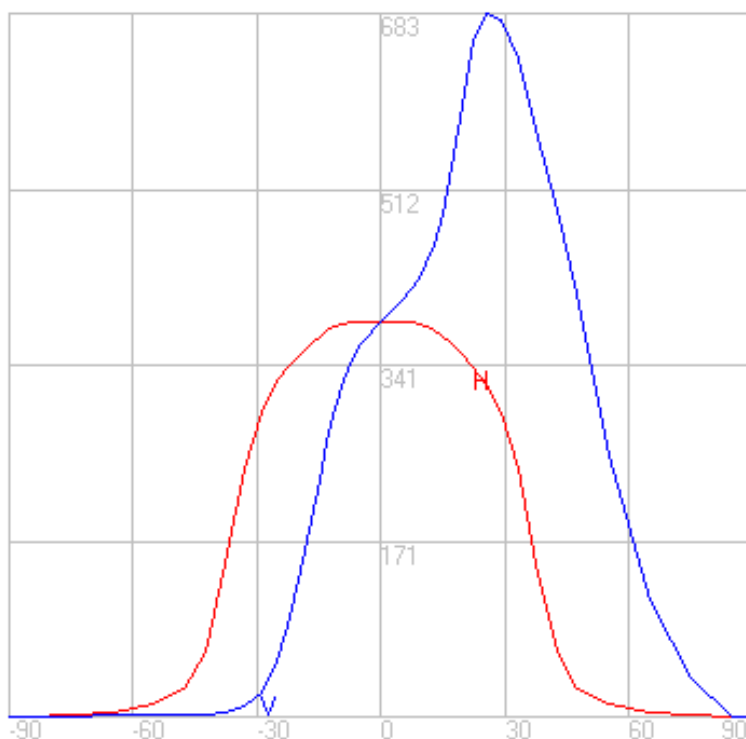
Zone	Lumens
0-10	36.63
10-20	104.61
20-30	145.11
30-40	142.49
40-50	111.15
50-60	57.41
60-70	24.05
70-80	6.34
80-90	0.15
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Isofootcandle grid on wall

Setback: 5 ft.

Grid Spacing: 2.5 ft.



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

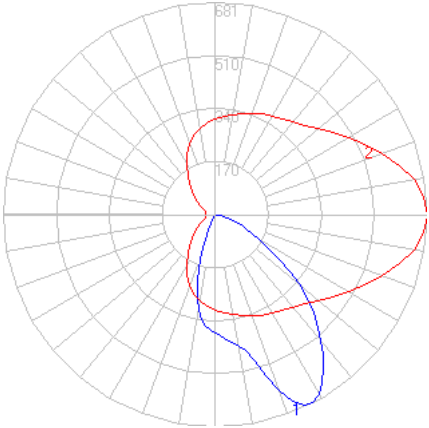
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BEGA

File: 24369K35_BEGA_IES.ies

TEST: BE_24369K4
TEST LAB: BEGA
DATE: 6/12/2019
LUMINAIRE: 24 369K35
LAMP: 8.5W LED

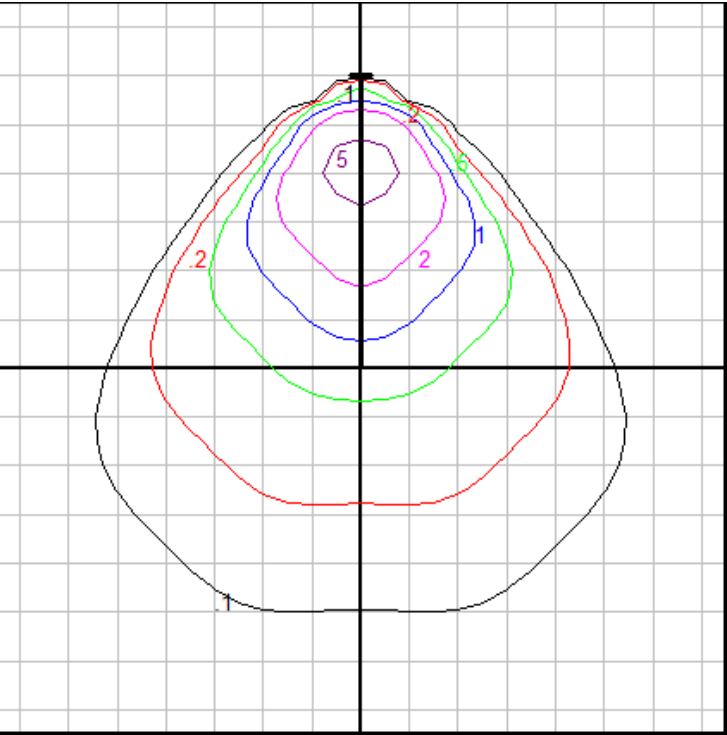


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	677.006
Maximum Candela Angle	0 H 25.5 V
Horizontal Beam Angle (50%)	57.1
Vertical Beam Angle (50%)	58.4
Horizontal Field Angle (10%)	89.1
Vertical Field Angle (10%)	95.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	362
Beam Efficiency	N.A.
Field Lumens	590
Field Efficiency	N.A.
Spill Lumens	36
Luminaire Lumens	626
Total Efficiency	N.A.
Total Luminaire Watts	10
Ballast Factor	1.00

Zonal Lumen Summary

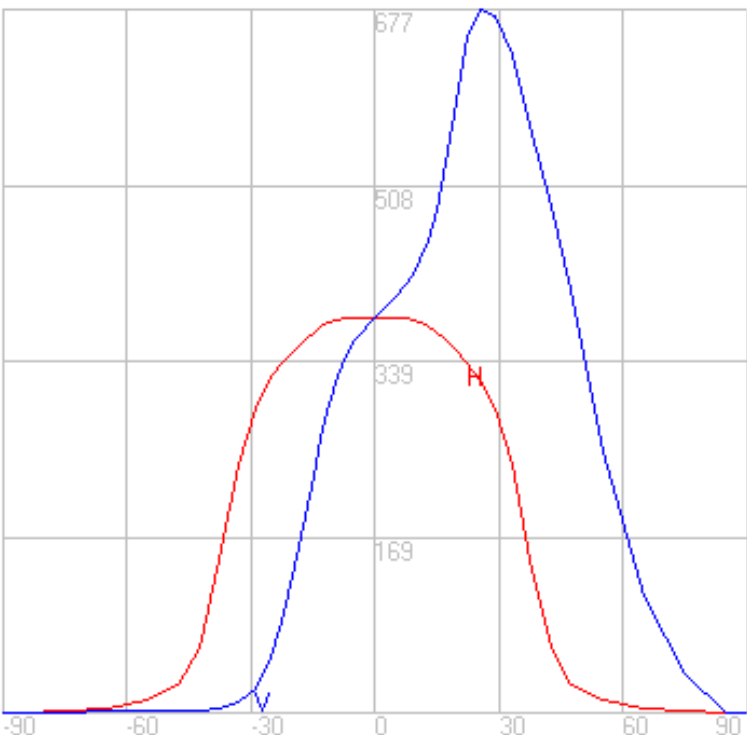
Zone	Lumens
0-10	36.33
10-20	103.75
20-30	143.91
30-40	141.32
40-50	110.23
50-60	56.93
60-70	23.85
70-80	6.28
80-90	0.15
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Isofootcandle grid on wall

Setback: 5 ft.

Grid Spacing: 2.5 ft.

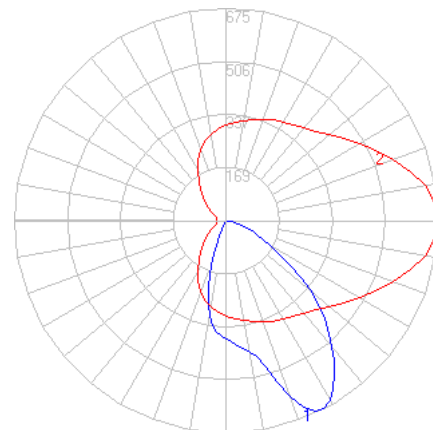
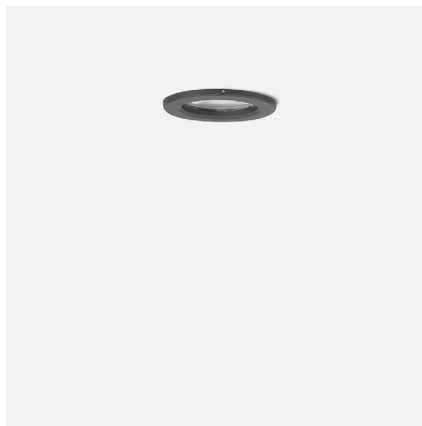


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BEGA

File: 24369K3_BEGA_IES.ies

TEST: BE_24369K4
TEST LAB: BEGA
DATE: 6/12/2019
LUMINAIRE: 24 369K3
LAMP: 8.5W LED

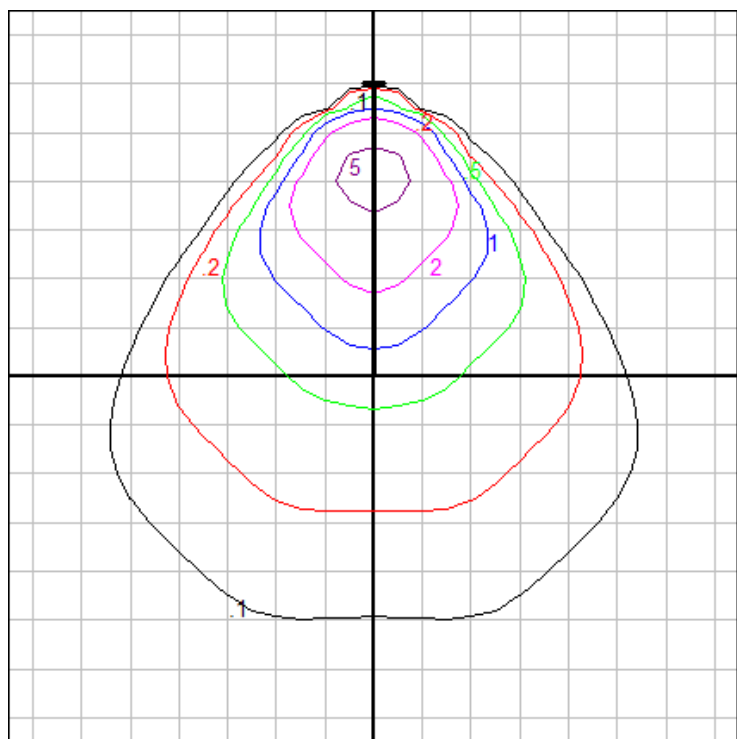


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	671.365
Maximum Candela Angle	0 H 25.5 V
Horizontal Beam Angle (50%)	57.1
Vertical Beam Angle (50%)	58.4
Horizontal Field Angle (10%)	89.1
Vertical Field Angle (10%)	95.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	359
Beam Efficiency	N.A.
Field Lumens	585
Field Efficiency	N.A.
Spill Lumens	35
Luminaire Lumens	620
Total Efficiency	N.A.
Total Luminaire Watts	10
Ballast Factor	1.00

Zonal Lumen Summary

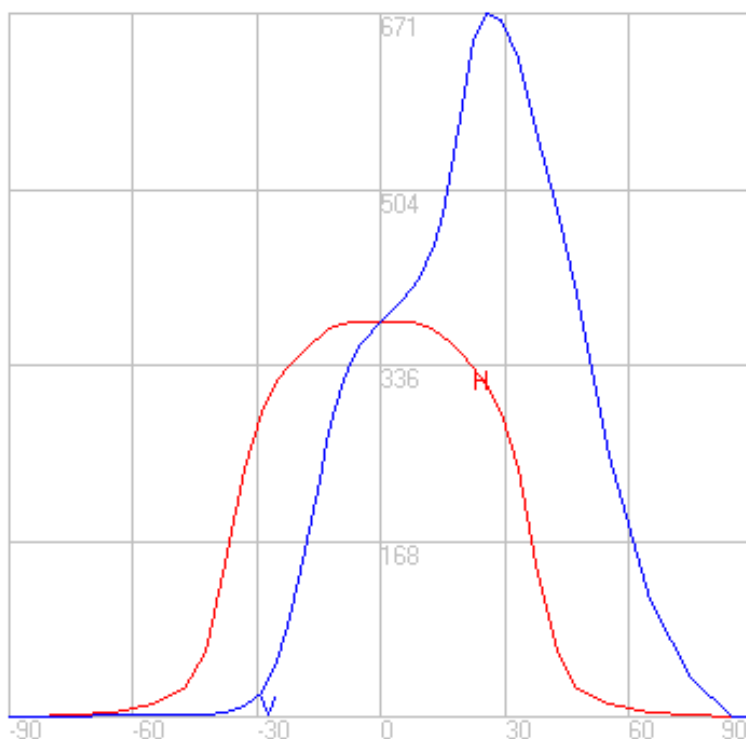
Zone	Lumens
0-10	36.03
10-20	102.89
20-30	142.72
30-40	140.14
40-50	109.31
50-60	56.46
60-70	23.65
70-80	6.23
80-90	0.15
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Isofootcandle grid on wall

Setback: 5 ft.

Grid Spacing: 2.5 ft.



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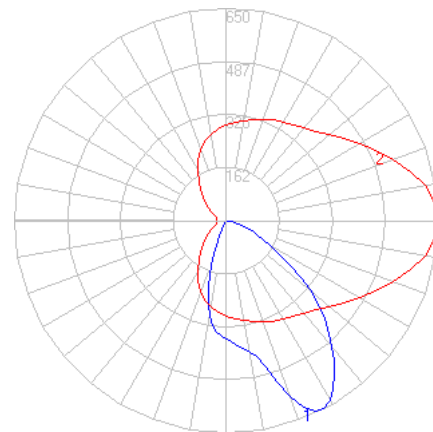
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BEGA

File: 24369K27_BEGA_IES.ies

TEST: BE_24369K4
TEST LAB: BEGA
DATE: 6/12/2019
LUMINAIRE: 24 369K27
LAMP: 8.5W LED

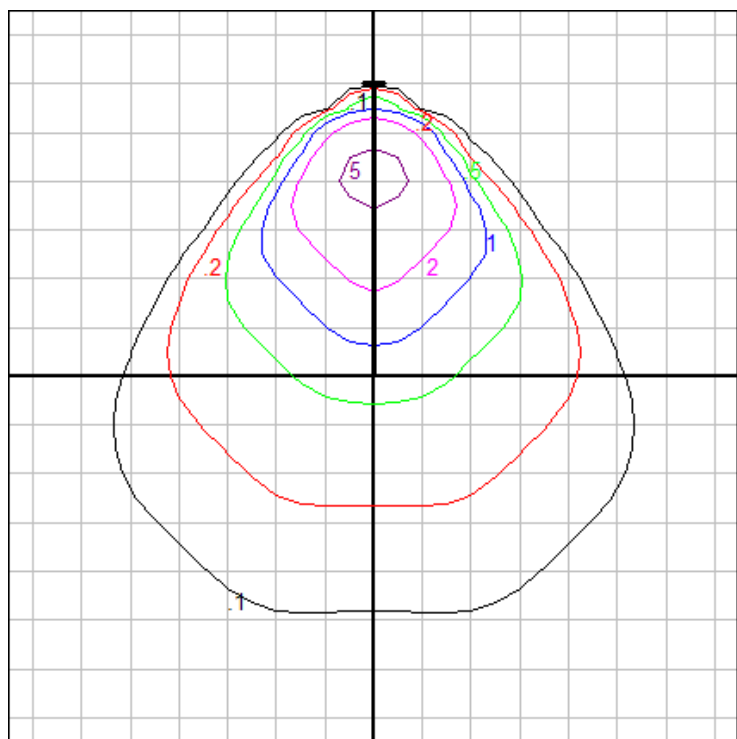


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	646.38
Maximum Candela Angle	0 H 25.5 V
Horizontal Beam Angle (50%)	57.1
Vertical Beam Angle (50%)	58.4
Horizontal Field Angle (10%)	89.1
Vertical Field Angle (10%)	95.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	346
Beam Efficiency	N.A.
Field Lumens	563
Field Efficiency	N.A.
Spill Lumens	34
Luminaire Lumens	597
Total Efficiency	N.A.
Total Luminaire Watts	10
Ballast Factor	1.00

Zonal Lumen Summary

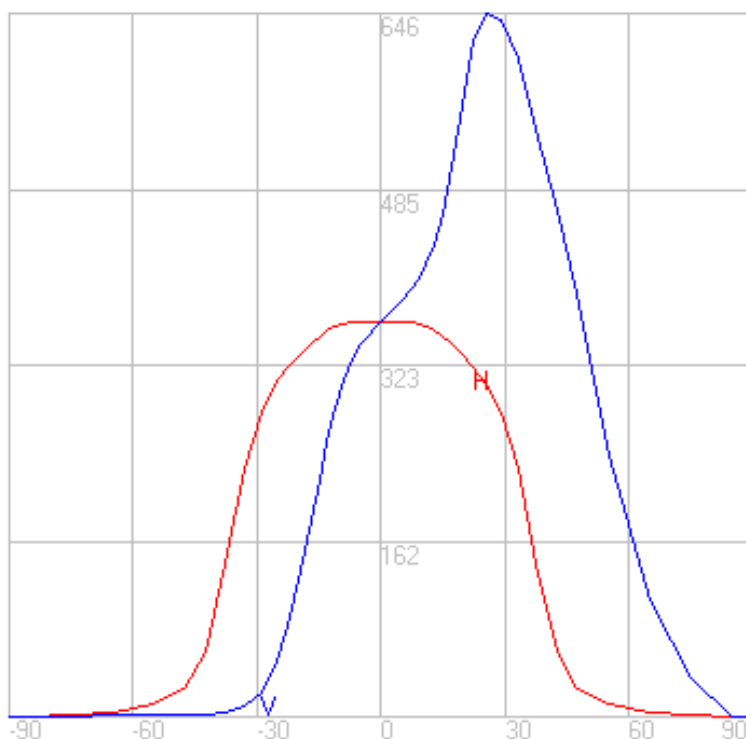
Zone	Lumens
0-10	34.69
10-20	99.06
20-30	137.40
30-40	134.92
40-50	105.24
50-60	54.36
60-70	22.77
70-80	6.00
80-90	0.15
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Isofootcandle grid on wall

Setback: 5 ft.

Grid Spacing: 2.5 ft.



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