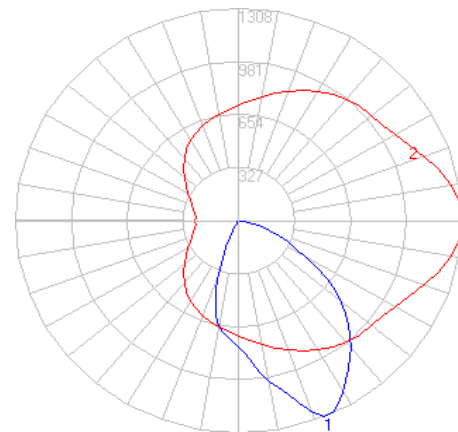


BEGA

File: 24324K4_BEGA_IES.ies

TEST: BE_24324K4
TEST LAB: BEGA
DATE: 6/18/2019
LUMINAIRE: 24 324K4
LAMP: 16.8W LED

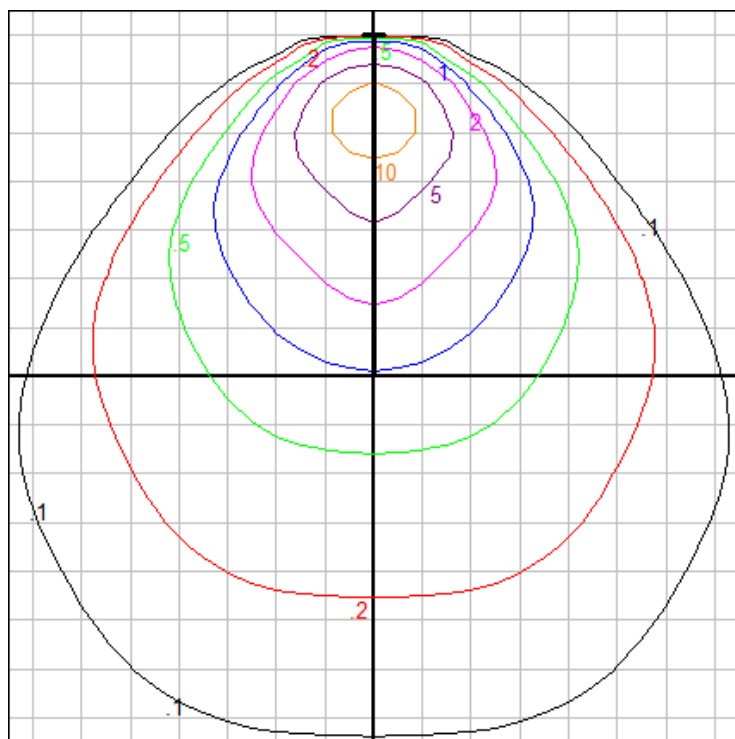


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1308.139
Maximum Candela Angle	0 H 22.5 V
Horizontal Beam Angle (50%)	60.6
Vertical Beam Angle (50%)	64.3
Horizontal Field Angle (10%)	105.2
Vertical Field Angle (10%)	101.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	866
Beam Efficiency	N.A.
Field Lumens	1414
Field Efficiency	N.A.
Spill Lumens	77
Luminaire Lumens	1492
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

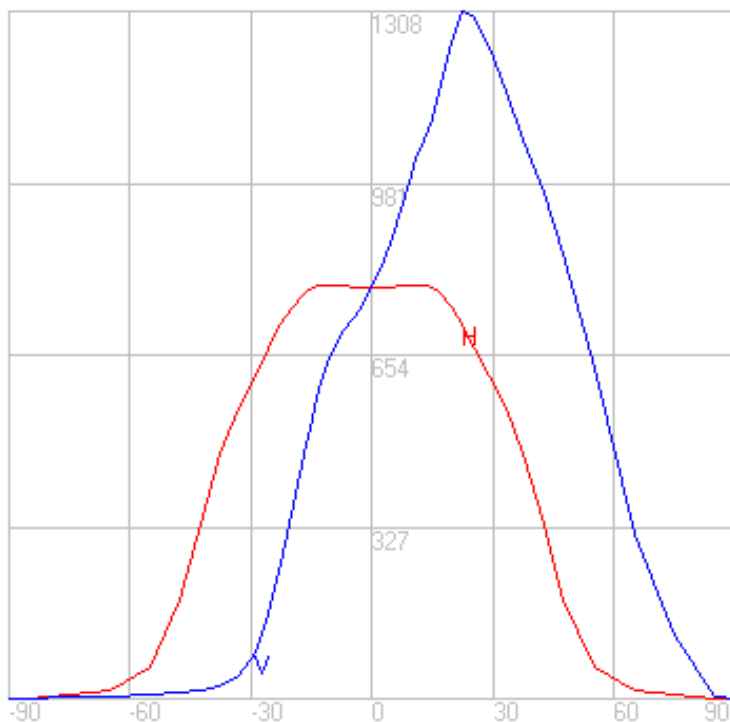
Zone	Lumens
0-10	76.50
10-20	227.54
20-30	311.71
30-40	308.05
40-50	265.73
50-60	176.71
60-70	85.16
70-80	31.34
80-90	3.85
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



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.

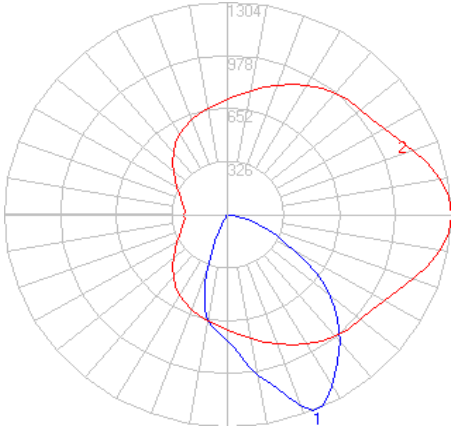
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BEGA

File: 24324K35_BEGA_IES.ies

TEST: BE_24324K4
TEST LAB: BEGA
DATE: 6/18/2019
LUMINAIRE: 24 324K35
LAMP: 16.8W LED

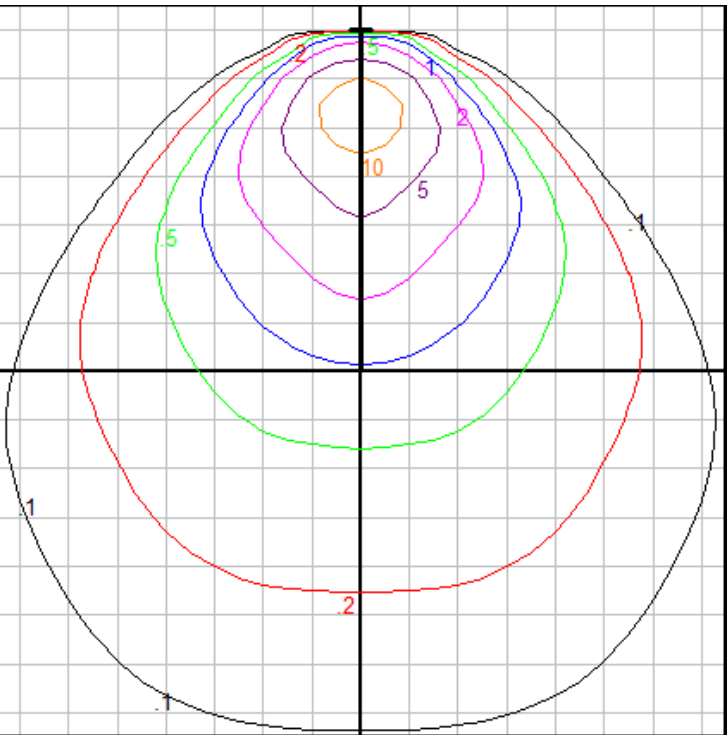


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1303.517
Maximum Candela Angle	0 H 22.5 V
Horizontal Beam Angle (50%)	60.6
Vertical Beam Angle (50%)	64.3
Horizontal Field Angle (10%)	105.2
Vertical Field Angle (10%)	101.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	863
Beam Efficiency	N.A.
Field Lumens	1409
Field Efficiency	N.A.
Spill Lumens	77
Luminaire Lumens	1486
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

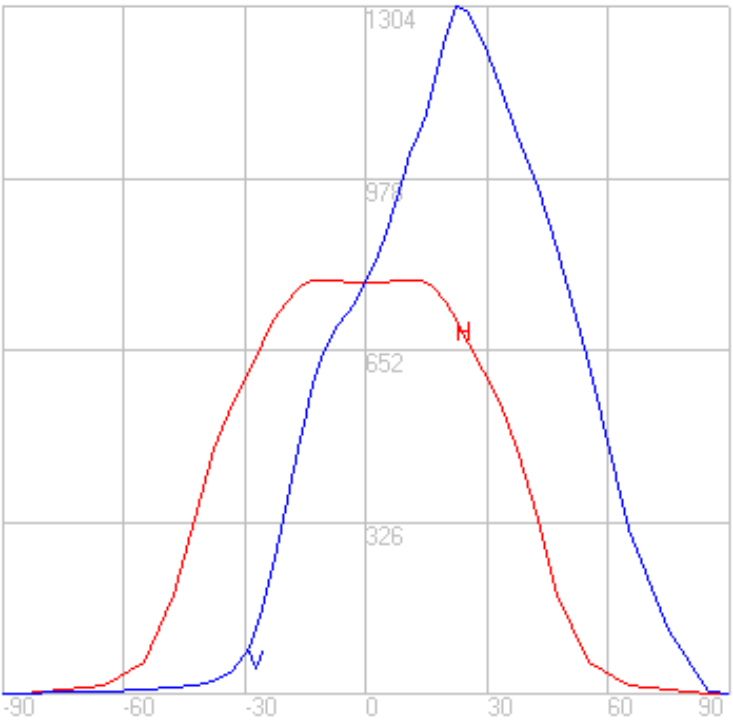
Zone	Lumens
0-10	76.23
10-20	226.73
20-30	310.61
30-40	306.96
40-50	264.79
50-60	176.09
60-70	84.86
70-80	31.23
80-90	3.84
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Isofootcandle grid on wall

Setback: 5 ft.

Grid Spacing: 2.5 ft.

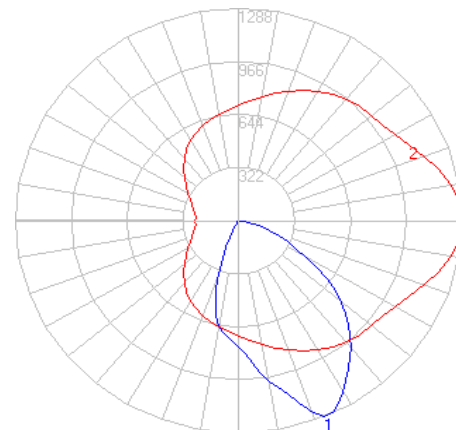
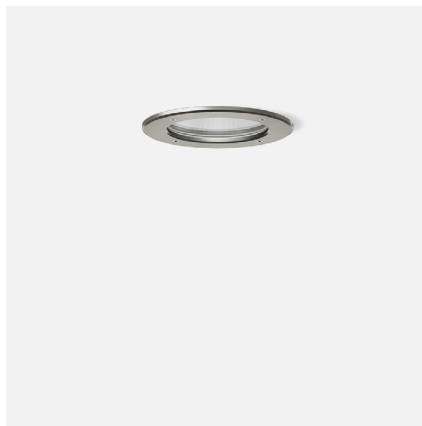


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File: 24324K3_BEGA_IES.ies

TEST: BE_24324K4
TEST LAB: BEGA
DATE: 6/18/2019
LUMINAIRE: 24 324K3
LAMP: 16.8W LED

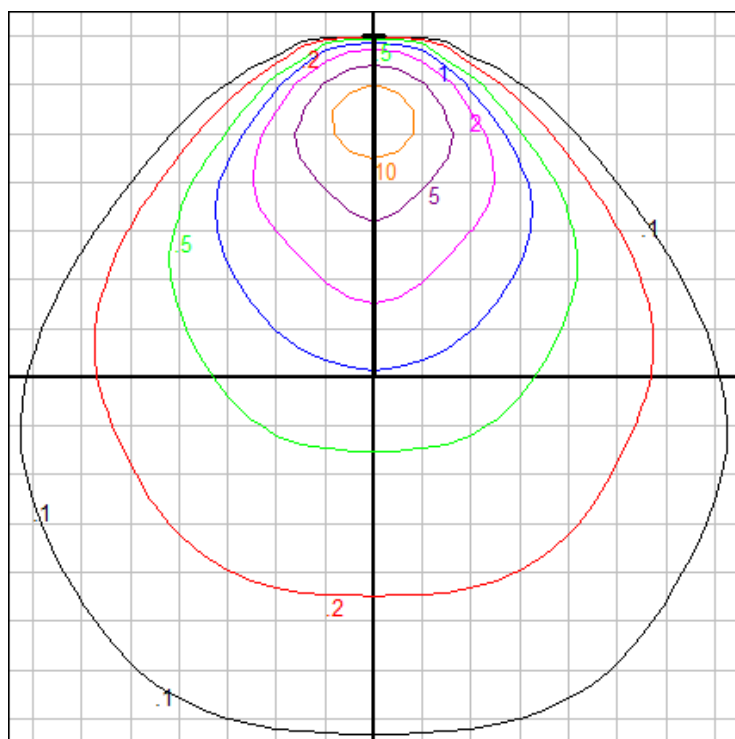


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1288.109
Maximum Candela Angle	0 H 22.5 V
Horizontal Beam Angle (50%)	60.6
Vertical Beam Angle (50%)	64.3
Horizontal Field Angle (10%)	105.2
Vertical Field Angle (10%)	101.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	852
Beam Efficiency	N.A.
Field Lumens	1393
Field Efficiency	N.A.
Spill Lumens	76
Luminaire Lumens	1469
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

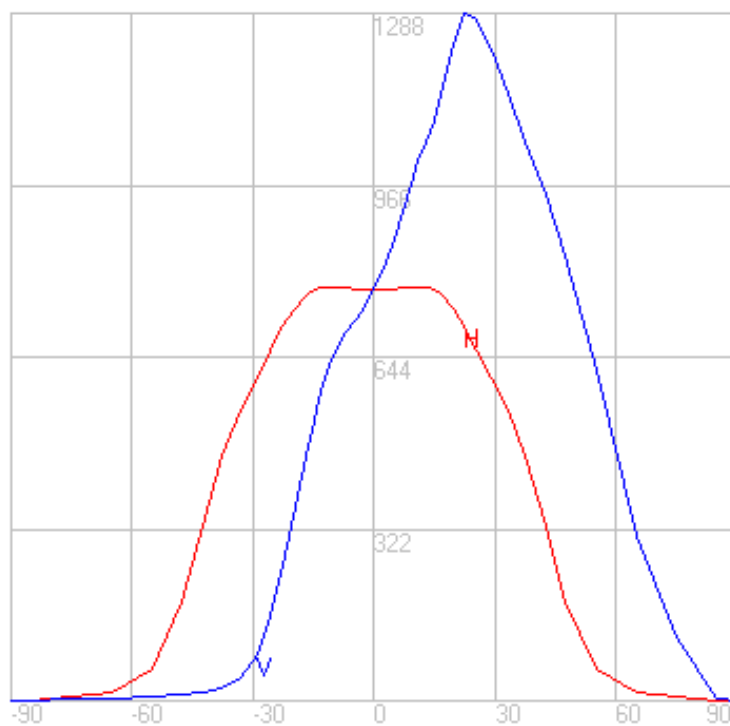
Zone	Lumens
0-10	75.33
10-20	224.05
20-30	306.94
30-40	303.33
40-50	261.66
50-60	174.00
60-70	83.86
70-80	30.86
80-90	3.80
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Isofootcandle grid on wall

Setback: 5 ft.

Grid Spacing: 2.5 ft.



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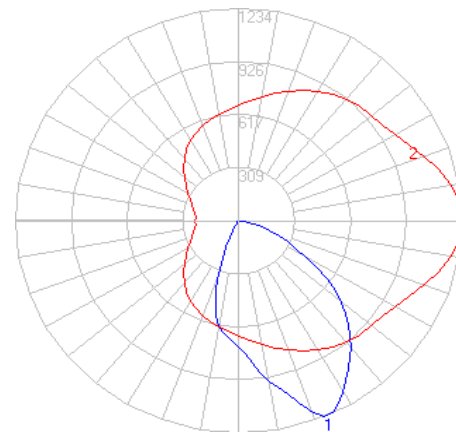
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BEGA

File: 24324K27_BEGA_IES.ies

TEST: BE_24324K4
TEST LAB: BEGA
DATE: 6/18/2019
LUMINAIRE: 24 324K27
LAMP: 16.8W LED

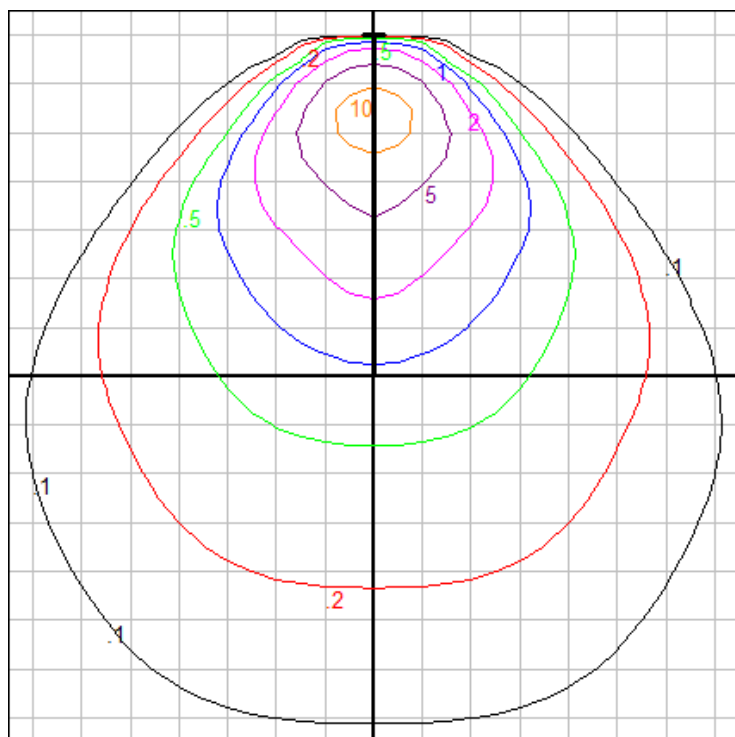


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1234.181
Maximum Candela Angle	0 H 22.5 V
Horizontal Beam Angle (50%)	60.6
Vertical Beam Angle (50%)	64.3
Horizontal Field Angle (10%)	105.2
Vertical Field Angle (10%)	101.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	817
Beam Efficiency	N.A.
Field Lumens	1334
Field Efficiency	N.A.
Spill Lumens	73
Luminaire Lumens	1407
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

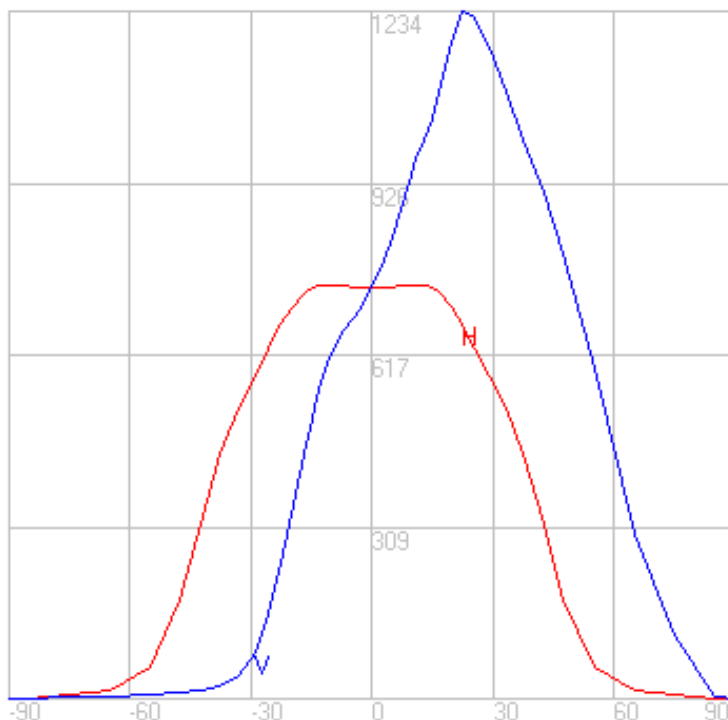
Zone	Lumens
0-10	72.17
10-20	214.67
20-30	294.09
30-40	290.63
40-50	250.70
50-60	166.72
60-70	80.35
70-80	29.57
80-90	3.64
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Isofootcandle grid on wall

Setback: 5 ft.

Grid Spacing: 2.5 ft.



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