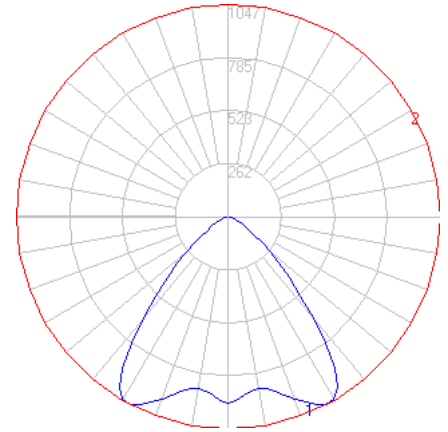


BEGA

File: 24510K4_BEGA_IES.ies

TEST: BE_24510K4
TEST LAB: BEGA
DATE: 12/16/2022
LUMINAIRE: 24 510K4
LAMP: 16.8W LED

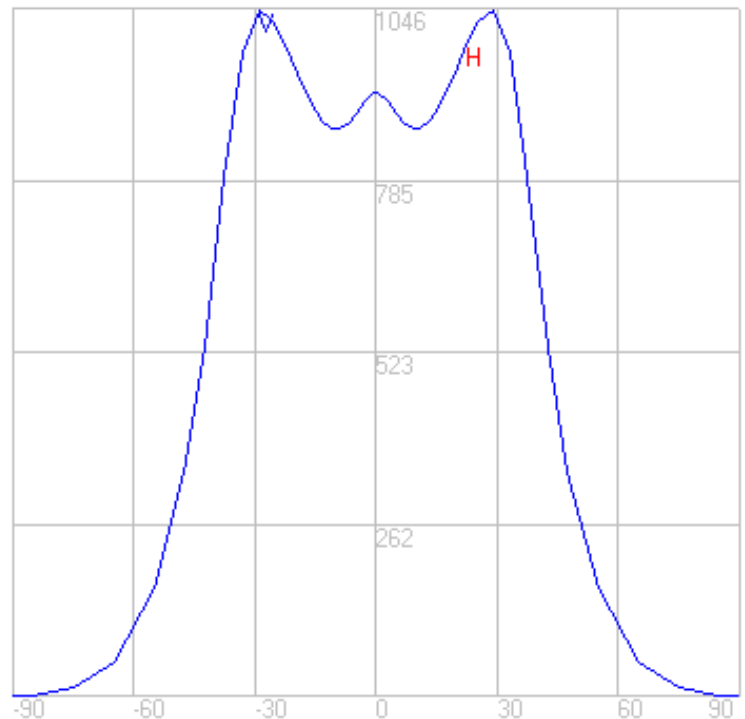
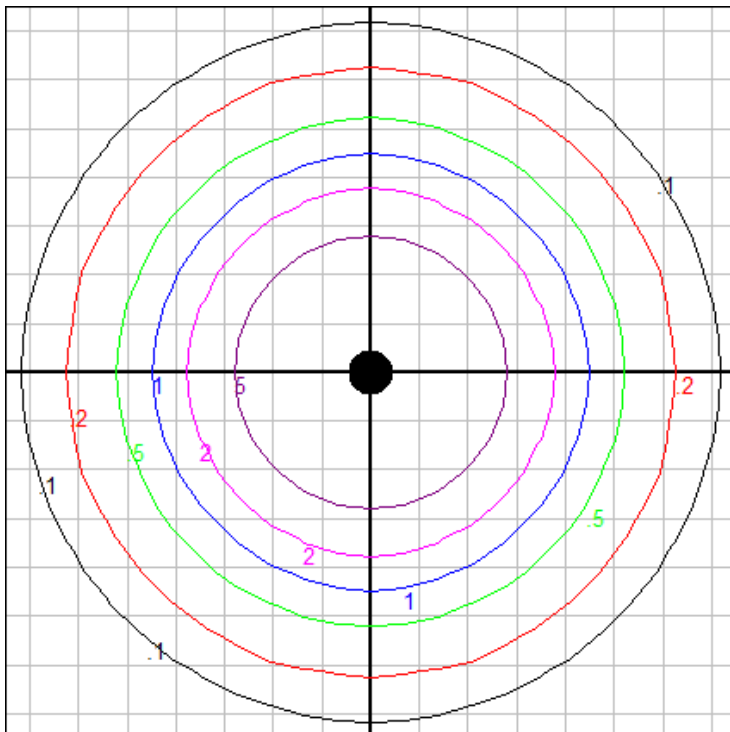


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1046.4
Maximum Candela Angle	-25.5 H -11 V
Horizontal Beam Angle (50%)	71.1
Vertical Beam Angle (50%)	83.2
Horizontal Field Angle (10%)	110.6
Vertical Field Angle (10%)	119.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1483
Beam Efficiency	N.A.
Field Lumens	1842
Field Efficiency	N.A.
Spill Lumens	87
Luminaire Lumens	1929
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	83.82
10-20	255.76
20-30	471.62
30-40	552.72
40-50	335.92
50-60	150.46
60-70	53.92
70-80	16.21
80-90	1.78
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



Mounting Height: 10 ft.

Grid Spacing: 2.5 ft.

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

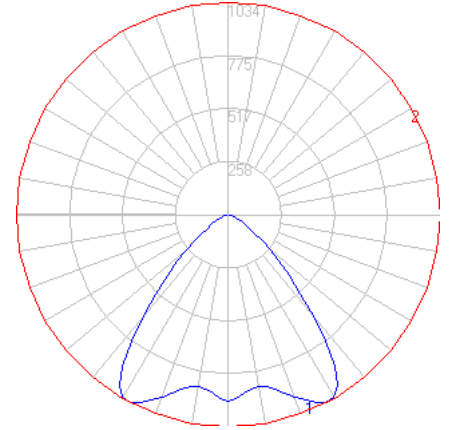
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File: 24510K35_BEGA_IES.ies

TEST: BE_24510K4
TEST LAB: BEGA
DATE: 12/16/2022
LUMINAIRE: 24 510K35
LAMP: 16.8W LED

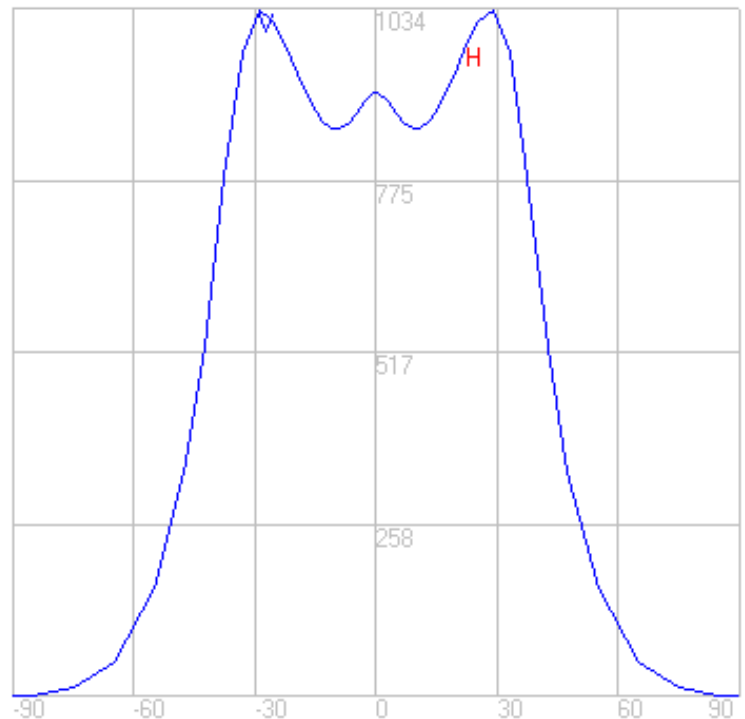
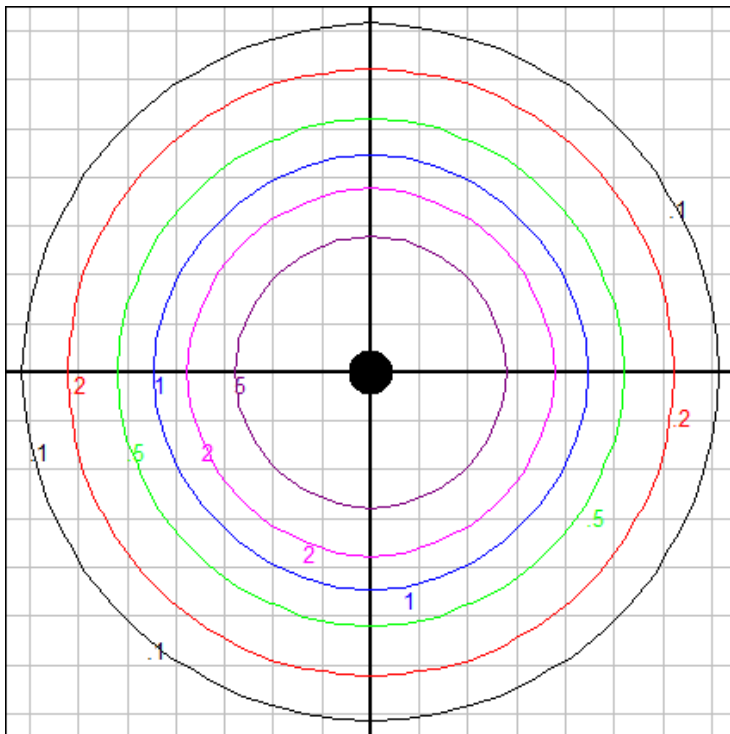


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1033.819
Maximum Candela Angle	-25.5 H -11 V
Horizontal Beam Angle (50%)	71.1
Vertical Beam Angle (50%)	83.2
Horizontal Field Angle (10%)	110.6
Vertical Field Angle (10%)	119.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1465
Beam Efficiency	N.A.
Field Lumens	1820
Field Efficiency	N.A.
Spill Lumens	86
Luminaire Lumens	1906
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	82.81
10-20	252.69
20-30	465.96
30-40	546.09
40-50	331.89
50-60	148.65
60-70	53.27
70-80	16.01
80-90	1.76
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



Mounting Height: 10 ft.

Grid Spacing: 2.5 ft.

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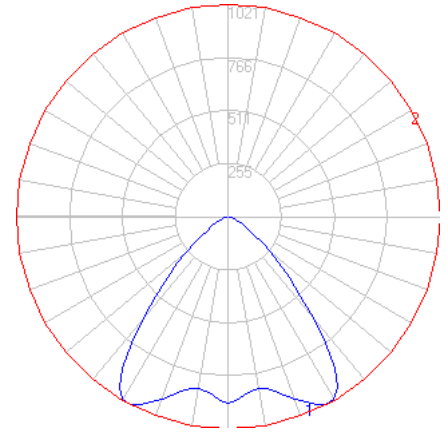
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File: 24510K3_BEGA_IES.ies

TEST: BE_24510K4
TEST LAB: BEGA
DATE: 12/16/2022
LUMINAIRE: 24 510K3
LAMP: 16.8W LED

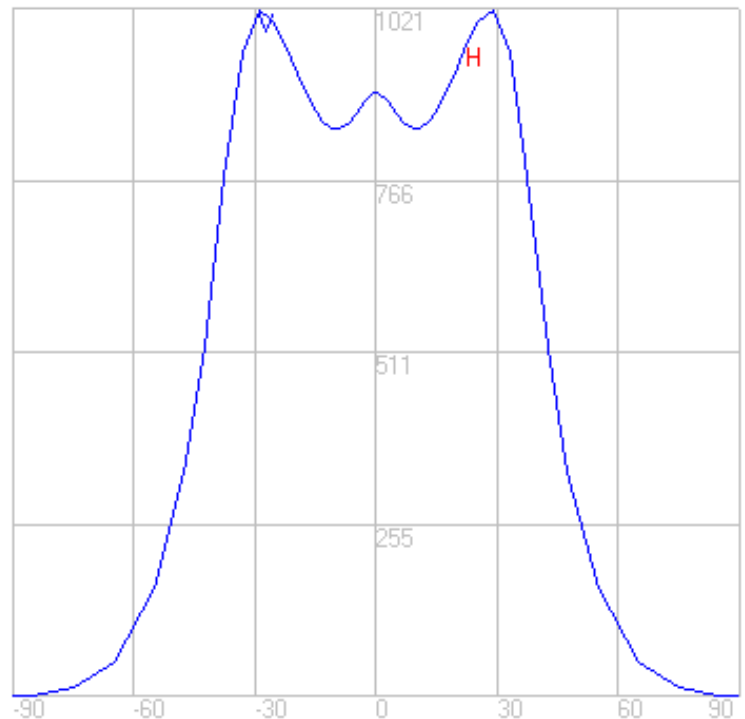
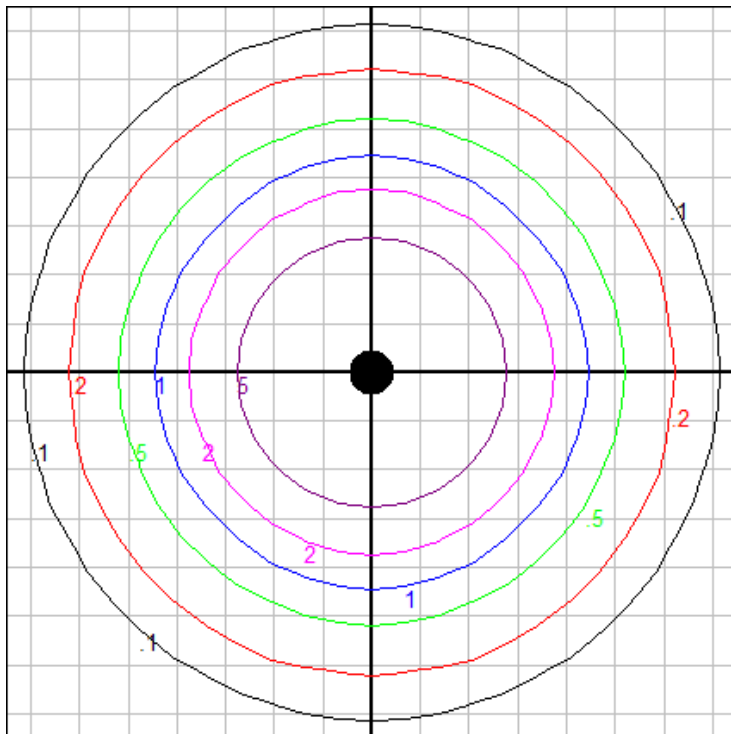


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1021.262
Maximum Candela Angle	-25.5 H -11 V
Horizontal Beam Angle (50%)	71.1
Vertical Beam Angle (50%)	83.2
Horizontal Field Angle (10%)	110.6
Vertical Field Angle (10%)	119.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1448
Beam Efficiency	N.A.
Field Lumens	1798
Field Efficiency	N.A.
Spill Lumens	85
Luminaire Lumens	1883
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	81.81
10-20	249.62
20-30	460.30
30-40	539.46
40-50	327.86
50-60	146.84
60-70	52.63
70-80	15.82
80-90	1.74
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



Mounting Height: 10 ft.

Grid Spacing: 2.5 ft.

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

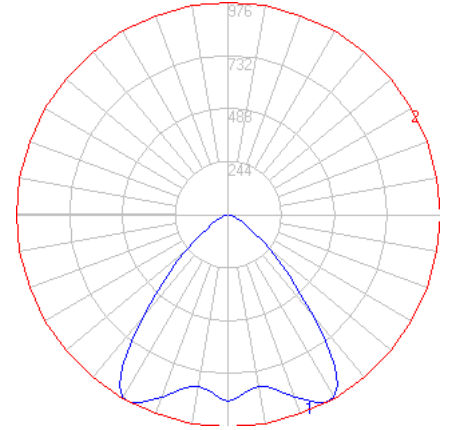
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BEGA

File: 24510K27_BEGA_IES.ies

TEST: BE_24510K4
TEST LAB: BEGA
DATE: 12/16/2022
LUMINAIRE: 24 510K27
LAMP: 16.8W LED

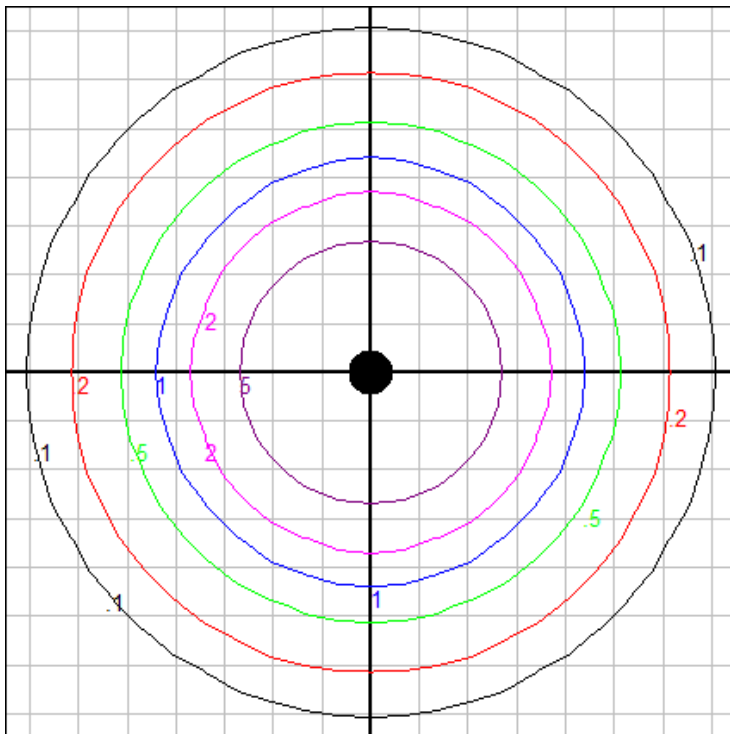


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	976.268
Maximum Candela Angle	-25.5 H -11 V
Horizontal Beam Angle (50%)	71.1
Vertical Beam Angle (50%)	83.2
Horizontal Field Angle (10%)	110.6
Vertical Field Angle (10%)	119.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1384
Beam Efficiency	N.A.
Field Lumens	1719
Field Efficiency	N.A.
Spill Lumens	81
Luminaire Lumens	1800
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

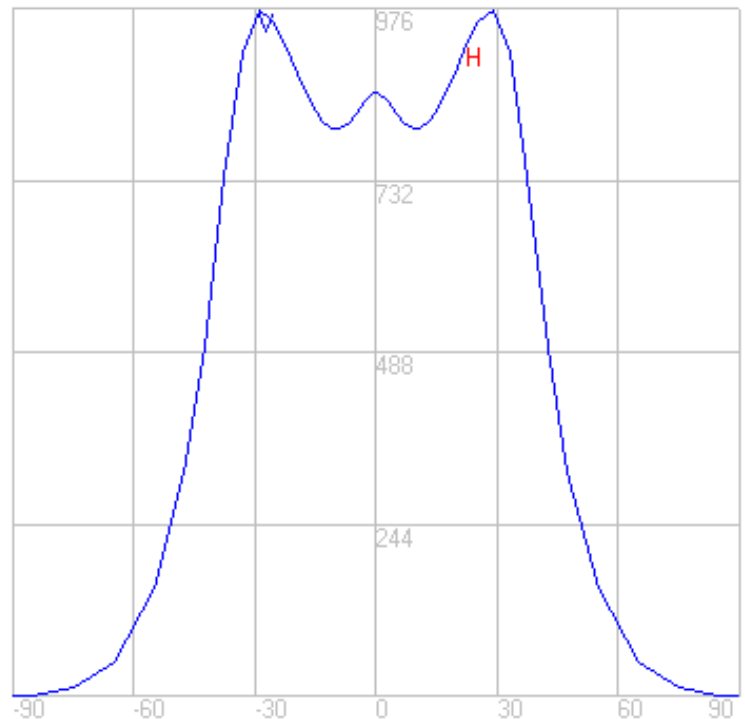
Zonal Lumen Summary

Zone	Lumens
0-10	78.20
10-20	238.62
20-30	440.02
30-40	515.69
40-50	313.42
50-60	140.37
60-70	50.31
70-80	15.12
80-90	1.66
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



Mounting Height: 10 ft.

Grid Spacing: 2.5 ft.



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