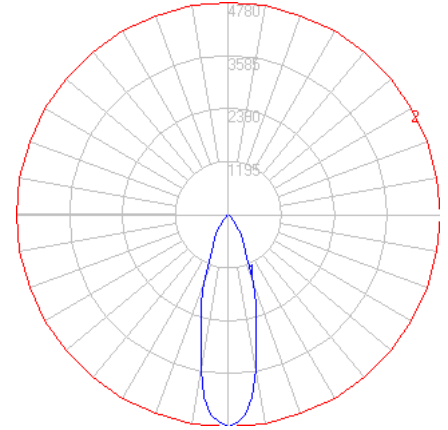


BEGA

File: 24245K4_BEGA_IES.ies

TEST: BE_24245K4
TEST LAB: BEGA
DATE: 6/24/2019
LUMINAIRE: 24 245K4
LAMP: 16.8W LED

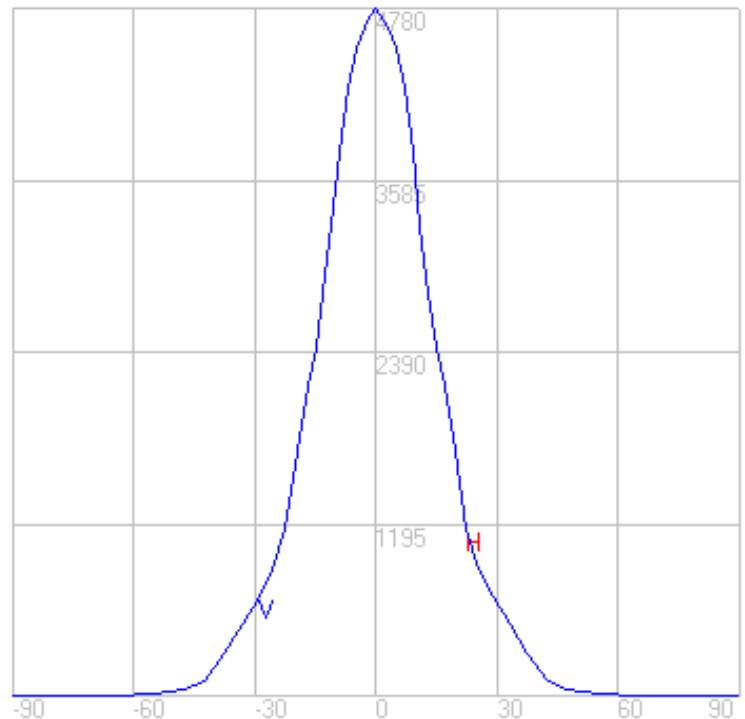
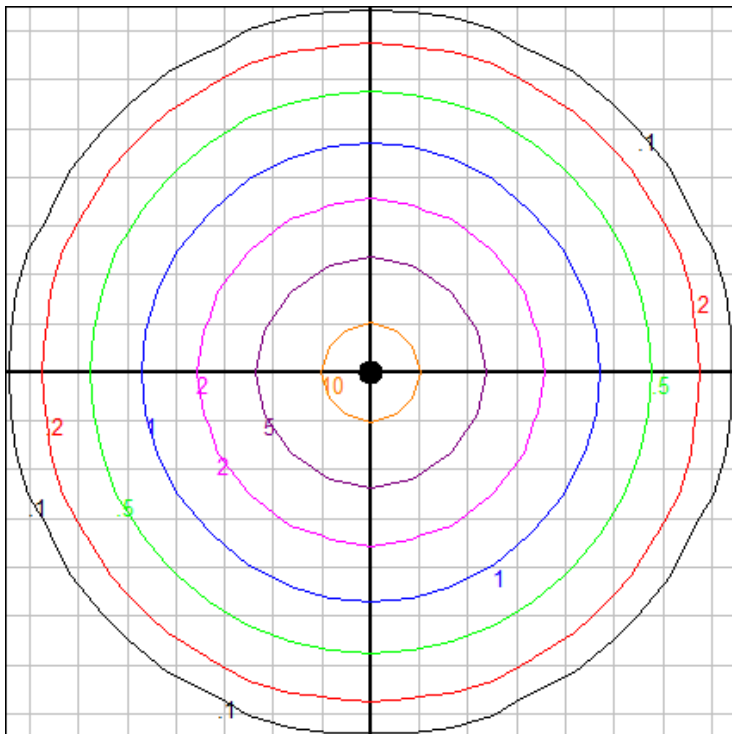


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	4780.294
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	30.5
Vertical Beam Angle (50%)	30.5
Horizontal Field Angle (10%)	66.8
Vertical Field Angle (10%)	66.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	765
Beam Efficiency	N.A.
Field Lumens	1628
Field Efficiency	N.A.
Spill Lumens	223
Luminaire Lumens	1851
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	401.02
10-20	681.40
20-30	445.05
30-40	249.33
40-50	57.59
50-60	12.79
60-70	1.45
70-80	0.01
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



Mounting Height: 20 ft.

Grid Spacing: 2.5 ft.

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

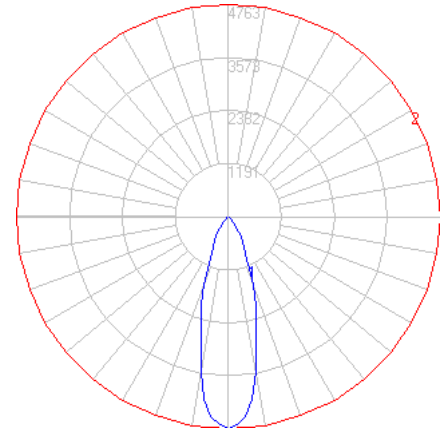
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BEGA

File: 24245K35_BEGA_IES.ies

TEST: BE_24245K4
TEST LAB: BEGA
DATE: 6/24/2019
LUMINAIRE: 24 245K35
LAMP: 16.8W LED

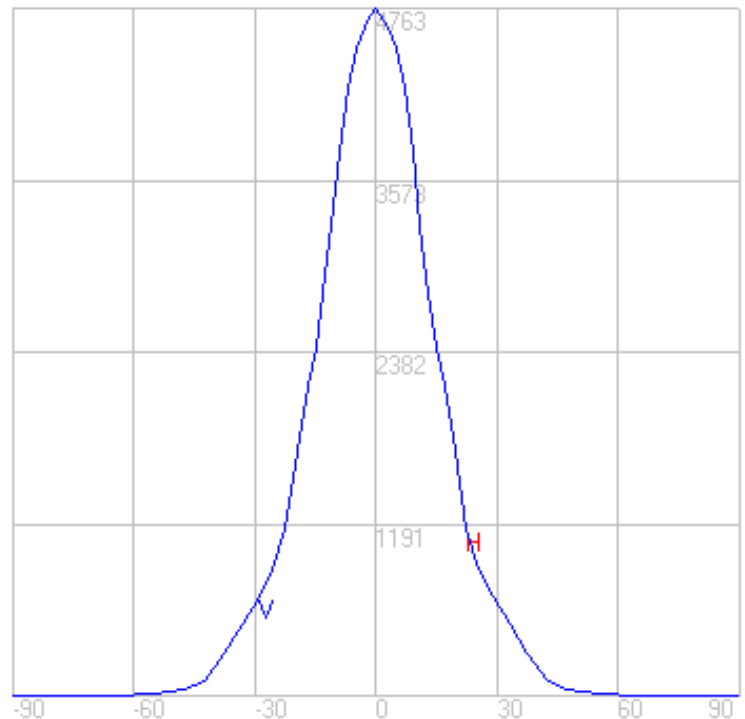
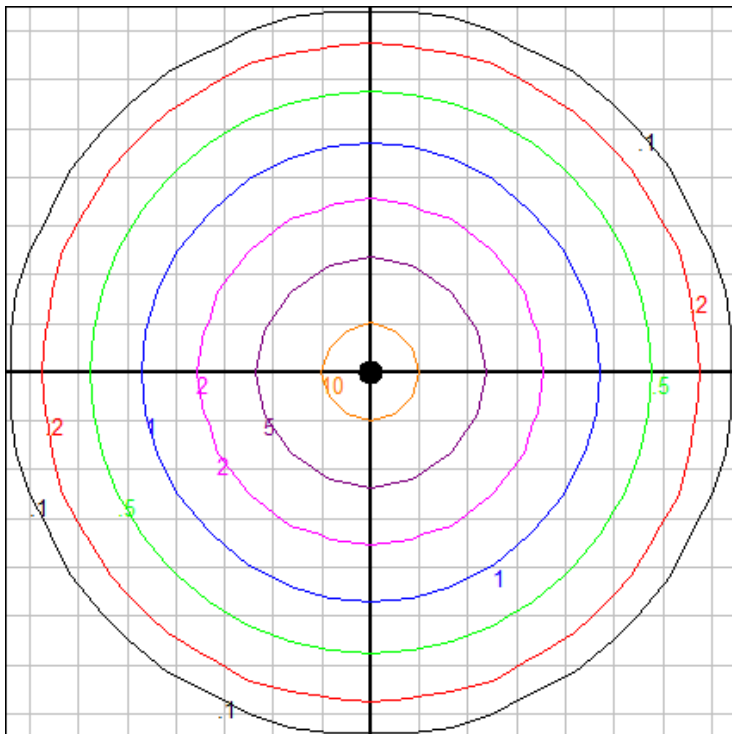


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	4763.403
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	30.5
Vertical Beam Angle (50%)	30.5
Horizontal Field Angle (10%)	66.8
Vertical Field Angle (10%)	66.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	762
Beam Efficiency	N.A.
Field Lumens	1622
Field Efficiency	N.A.
Spill Lumens	222
Luminaire Lumens	1844
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	399.61
10-20	679.00
20-30	443.48
30-40	248.45
40-50	57.38
50-60	12.75
60-70	1.44
70-80	0.01
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



Mounting Height: 20 ft.

Grid Spacing: 2.5 ft.

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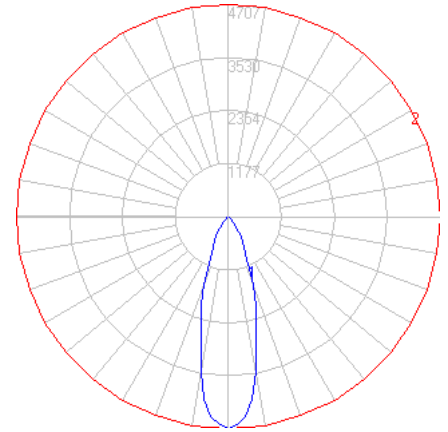
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File: 24245K3_BEGA_IES.ies

TEST: BE_24245K4
TEST LAB: BEGA
DATE: 6/24/2019
LUMINAIRE: 24 245K3
LAMP: 16.8W LED

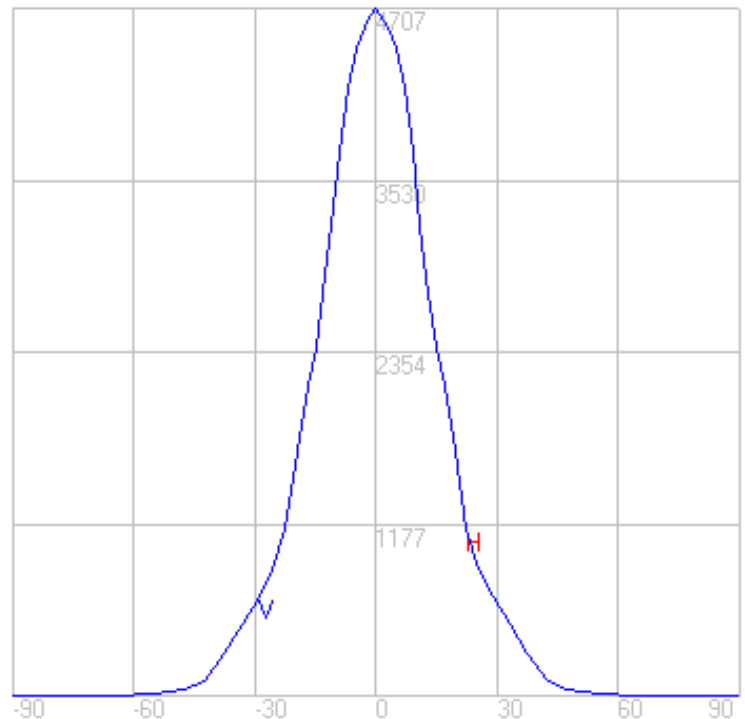
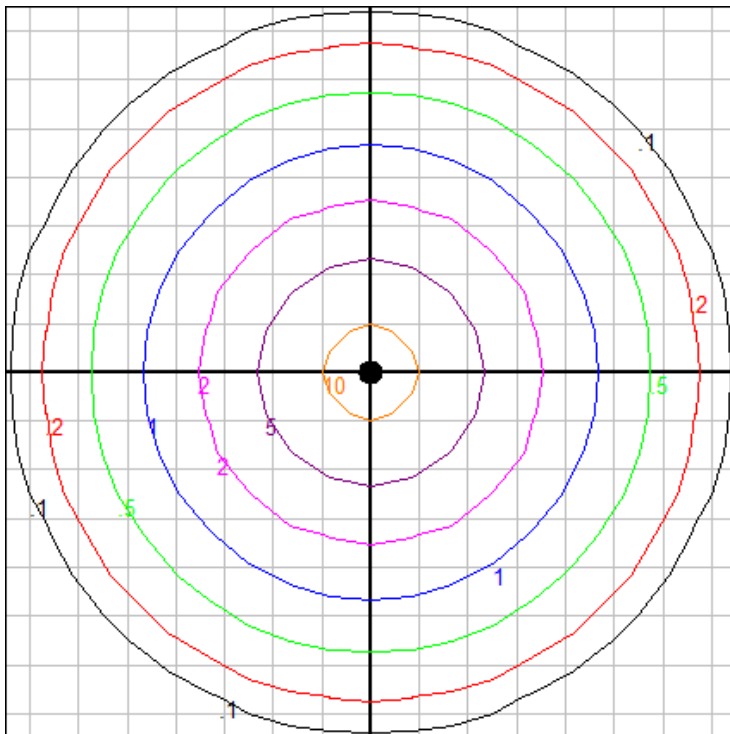


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	4707.098
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	30.5
Vertical Beam Angle (50%)	30.5
Horizontal Field Angle (10%)	66.8
Vertical Field Angle (10%)	66.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	753
Beam Efficiency	N.A.
Field Lumens	1603
Field Efficiency	N.A.
Spill Lumens	219
Luminaire Lumens	1822
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	394.88
10-20	670.97
20-30	438.24
30-40	245.51
40-50	56.70
50-60	12.60
60-70	1.42
70-80	0.01
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



Mounting Height: 20 ft.

Grid Spacing: 2.5 ft.

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

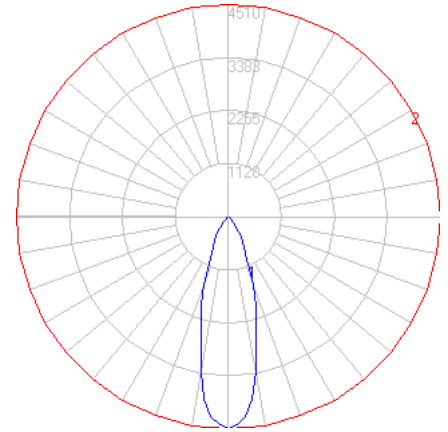
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BEGA

File: 24245K27_BEGA_IES.ies

TEST: BE_24245K4
TEST LAB: BEGA
DATE: 6/24/2019
LUMINAIRE: 24 245K27
LAMP: 16.8W LED

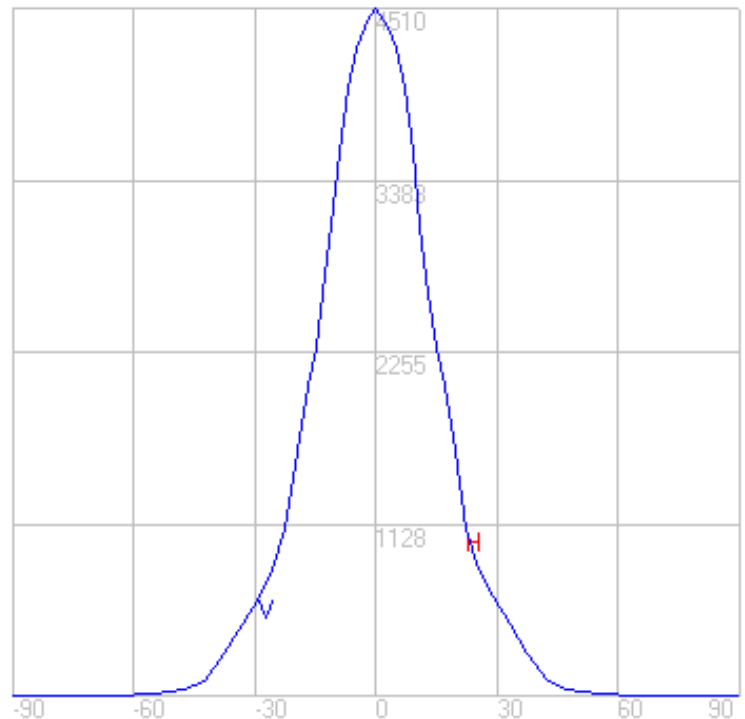
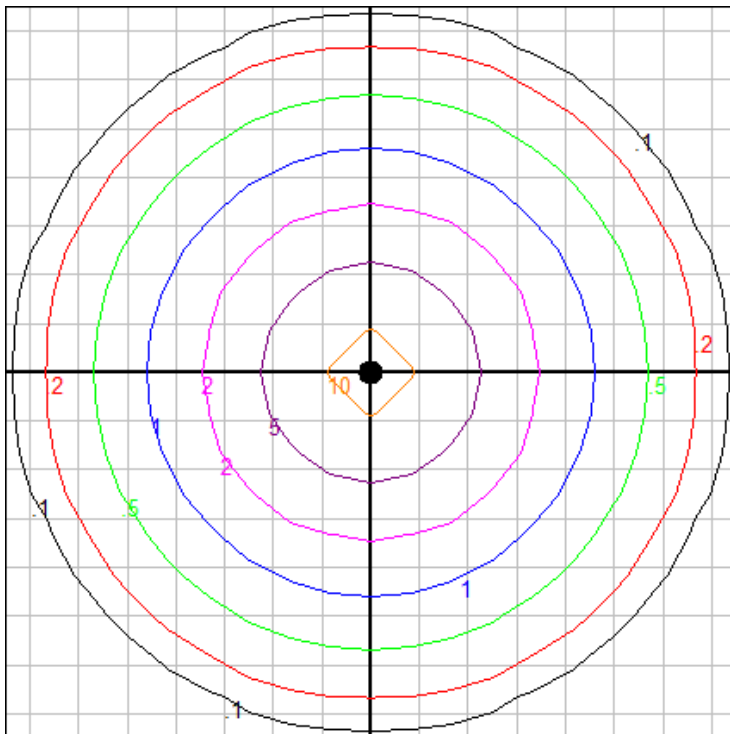


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	4510.03
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	30.5
Vertical Beam Angle (50%)	30.5
Horizontal Field Angle (10%)	66.8
Vertical Field Angle (10%)	66.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	721
Beam Efficiency	N.A.
Field Lumens	1536
Field Efficiency	N.A.
Spill Lumens	210
Luminaire Lumens	1746
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	378.35
10-20	642.88
20-30	419.89
30-40	235.23
40-50	54.33
50-60	12.07
60-70	1.36
70-80	0.01
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



Mounting Height: 20 ft.

Grid Spacing: 2.5 ft.

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