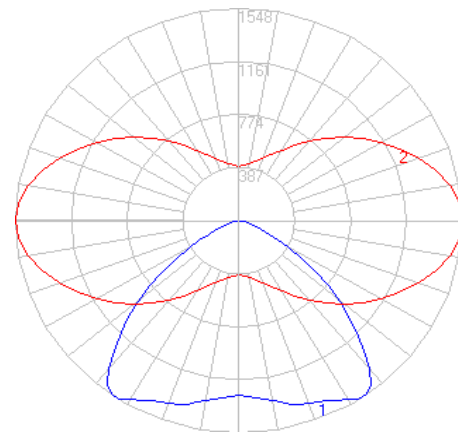


BEGA

File: 24143K4_BEGA_IES.ies

TEST: BE_24143K4
TEST LAB: BEGA
DATE: 6/14/2019
LUMINAIRE: 24 143K4
LAMP: 24.1W LED

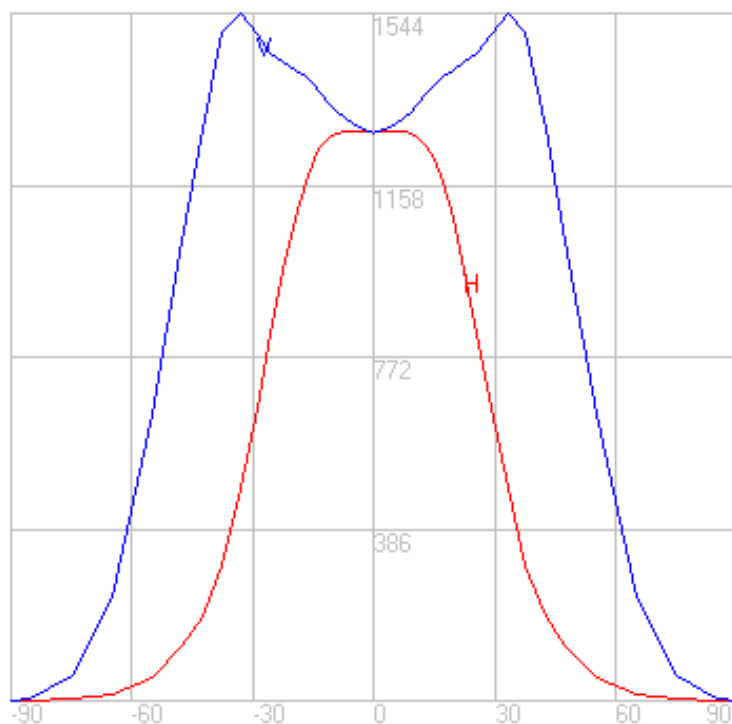
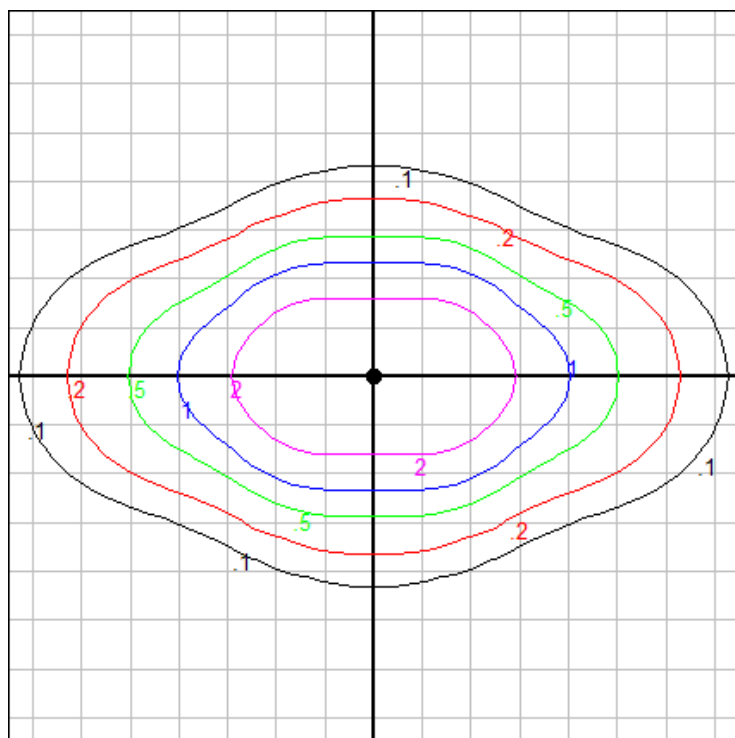


Characteristics

NEMA Type	5 H x 7 V
Maximum Candela	1544.161
Maximum Candela Angle	0 H -33 V
Horizontal Beam Angle (50%)	41.7
Vertical Beam Angle (50%)	105.2
Horizontal Field Angle (10%)	73.0
Vertical Field Angle (10%)	138.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1584
Beam Efficiency	N.A.
Field Lumens	2091
Field Efficiency	N.A.
Spill Lumens	128
Luminaire Lumens	2219
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	123.58
10-20	370.51
20-30	553.85
30-40	551.47
40-50	338.91
50-60	180.32
60-70	69.29
70-80	19.06
80-90	1.90
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: 5 ft.

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

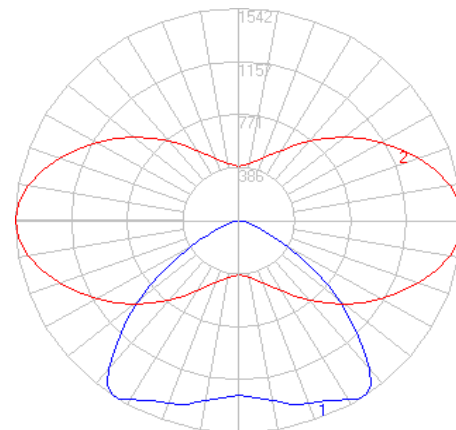
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File: 24143K35_BEGA_IES.ies

TEST: BE_24143K4
TEST LAB: BEGA
DATE: 6/14/2019
LUMINAIRE: 24 143K35
LAMP: 24.1W LED

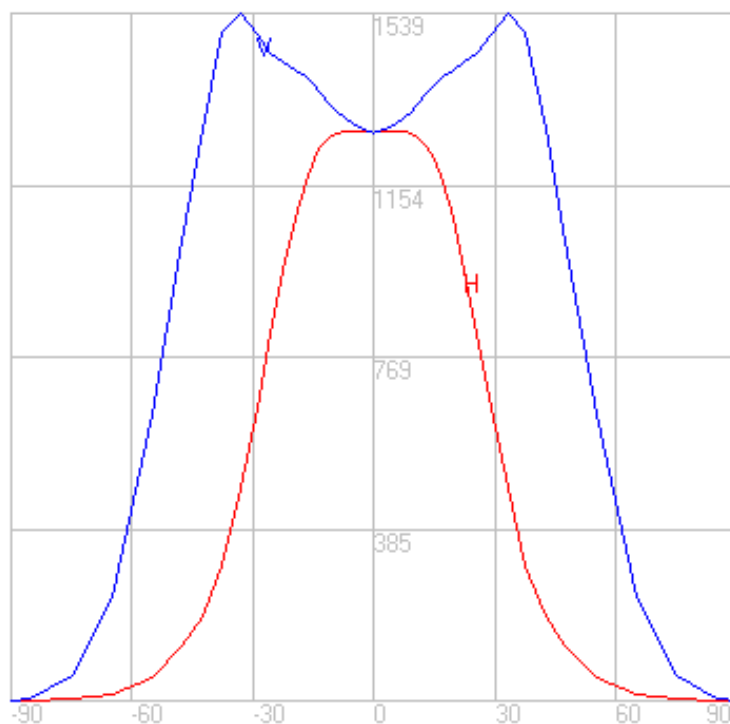
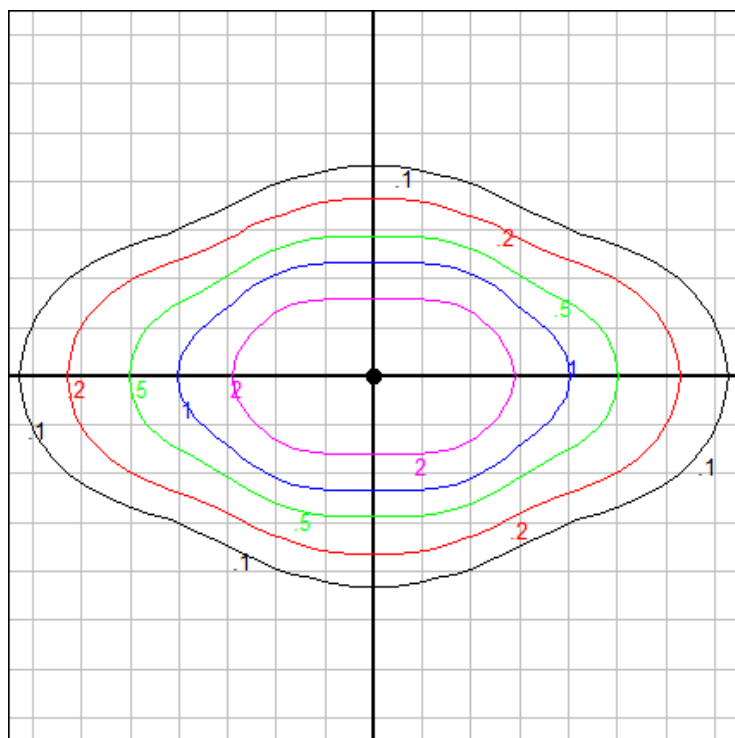


Characteristics

NEMA Type	5 H x 7 V
Maximum Candela	1538.705
Maximum Candela Angle	0 H -33 V
Horizontal Beam Angle (50%)	41.7
Vertical Beam Angle (50%)	105.2
Horizontal Field Angle (10%)	73.0
Vertical Field Angle (10%)	138.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1578
Beam Efficiency	N.A.
Field Lumens	2084
Field Efficiency	N.A.
Spill Lumens	128
Luminaire Lumens	2211
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	123.15
10-20	369.20
20-30	551.90
30-40	549.52
40-50	337.72
50-60	179.68
60-70	69.04
70-80	18.99
80-90	1.89
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: 5 ft.

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

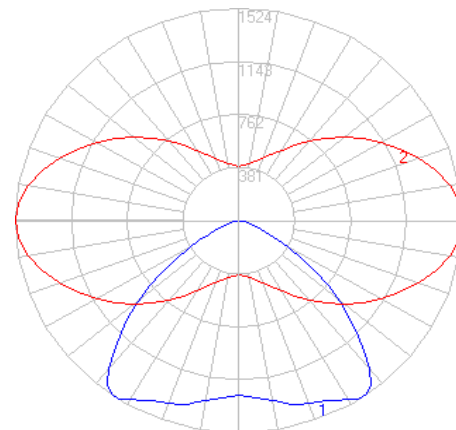
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File: 24143K3_BEGA_IES.ies

TEST: BE_24143K4
TEST LAB: BEGA
DATE: 6/14/2019
LUMINAIRE: 24 143K3
LAMP: 24.1W LED

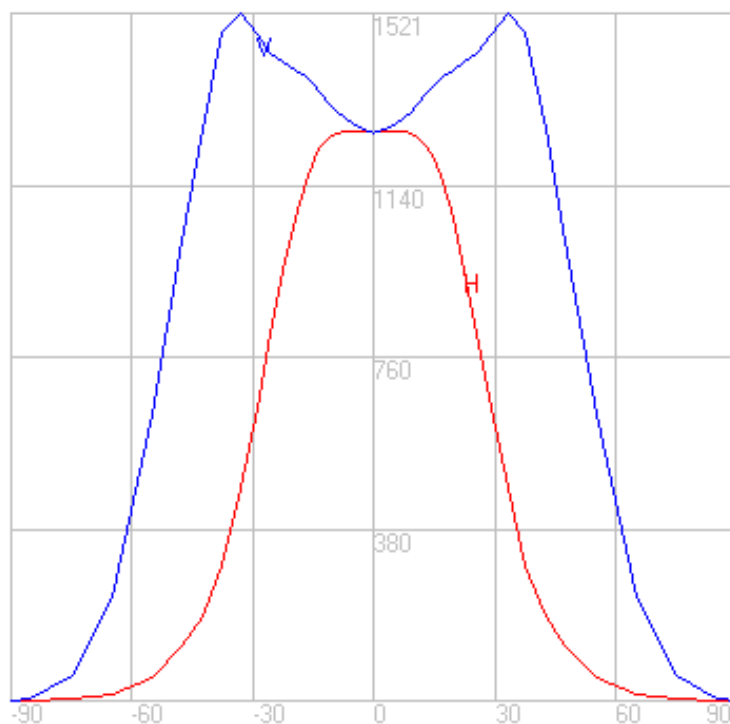
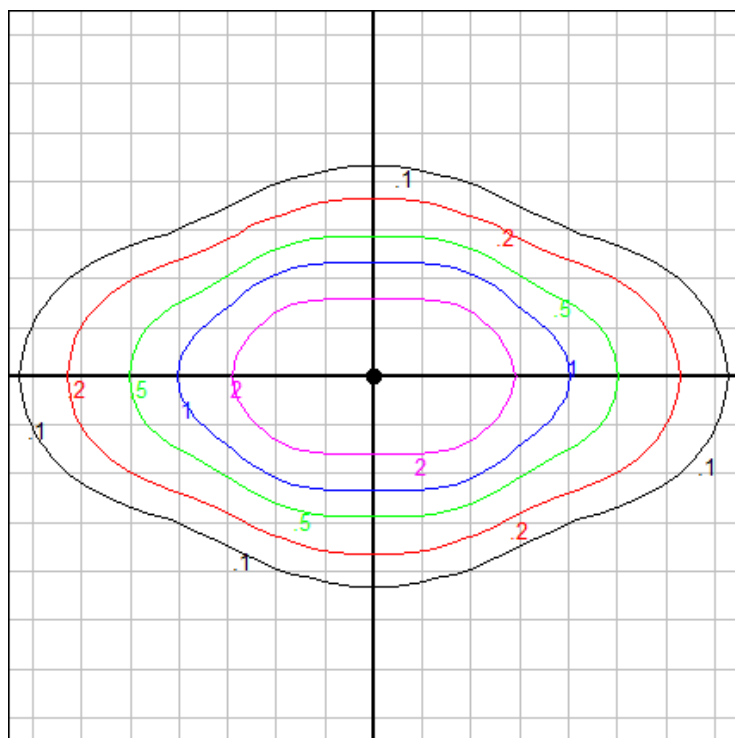


Characteristics

NEMA Type	5 H x 7 V
Maximum Candela	1520.517
Maximum Candela Angle	0 H -33 V
Horizontal Beam Angle (50%)	41.7
Vertical Beam Angle (50%)	105.2
Horizontal Field Angle (10%)	73.0
Vertical Field Angle (10%)	138.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1560
Beam Efficiency	N.A.
Field Lumens	2059
Field Efficiency	N.A.
Spill Lumens	126
Luminaire Lumens	2185
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	121.69
10-20	364.84
20-30	545.37
30-40	543.03
40-50	333.72
50-60	177.56
60-70	68.23
70-80	18.77
80-90	1.87
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: 5 ft.

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

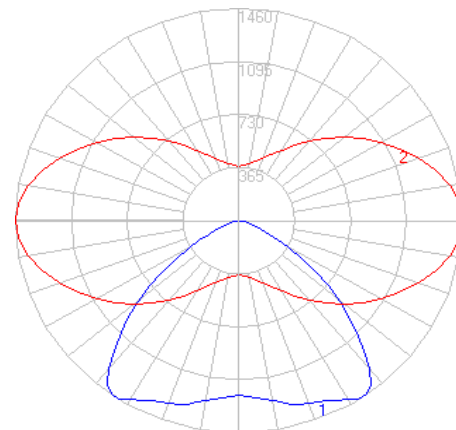
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BEGA

File: 24143K27_BEGA_IES.ies

TEST: BE_24143K4
TEST LAB: BEGA
DATE: 6/14/2019
LUMINAIRE: 24 143K27
LAMP: 24.1W LED

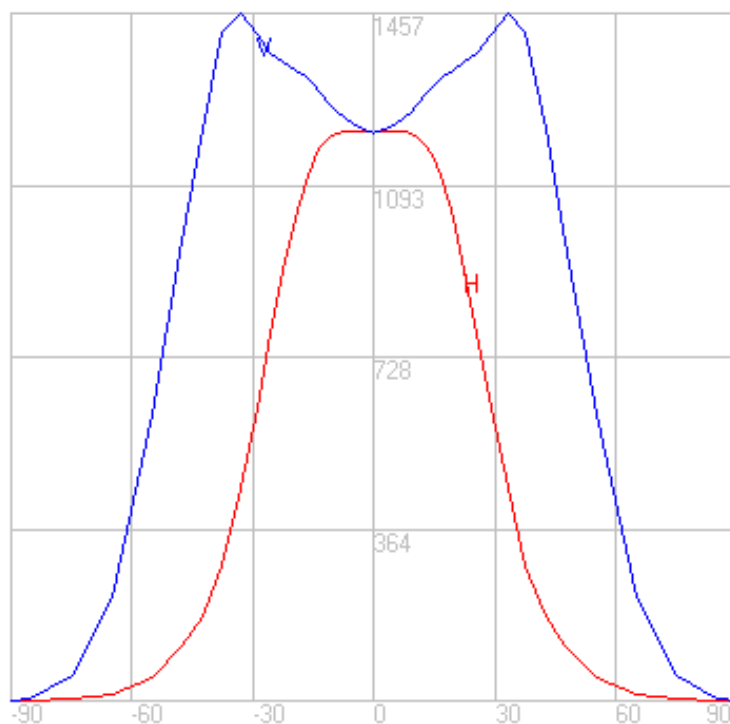
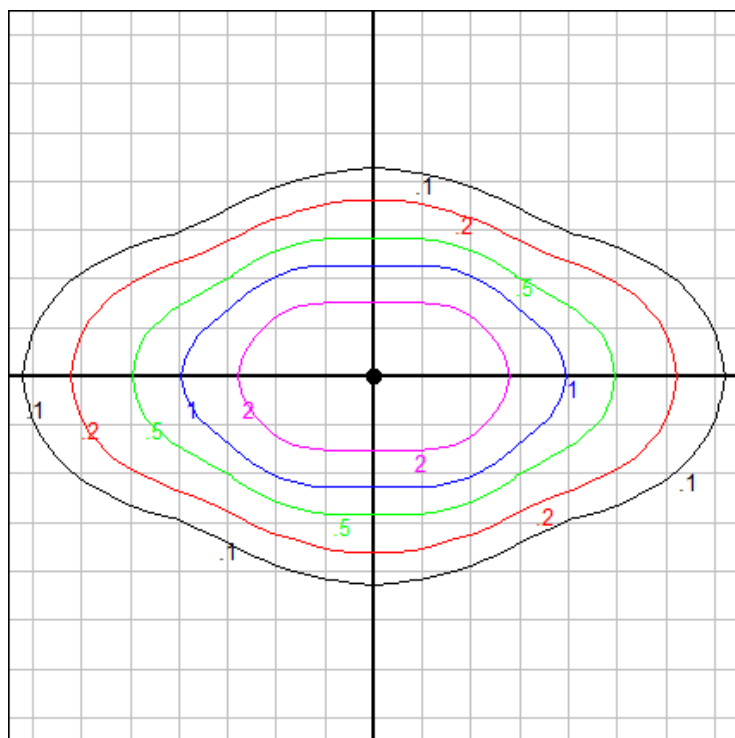


Characteristics

NEMA Type	5 H x 7 V
Maximum Candela	1456.859
Maximum Candela Angle	0 H -33 V
Horizontal Beam Angle (50%)	41.7
Vertical Beam Angle (50%)	105.2
Horizontal Field Angle (10%)	73.0
Vertical Field Angle (10%)	138.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1495
Beam Efficiency	N.A.
Field Lumens	1973
Field Efficiency	N.A.
Spill Lumens	121
Luminaire Lumens	2094
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	116.59
10-20	349.57
20-30	522.54
30-40	520.29
40-50	319.75
50-60	170.12
60-70	65.37
70-80	17.98
80-90	1.79
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: 5 ft.

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