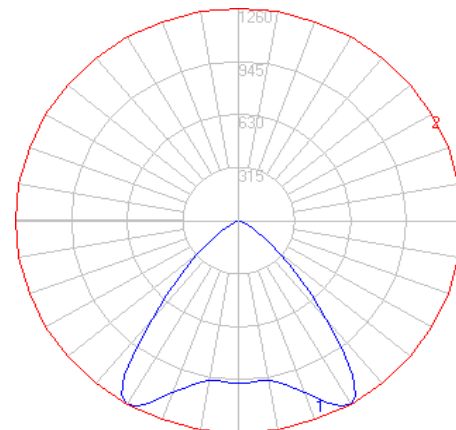


BEGA

File: 24449K4_BEGA_IES.ies

TEST: BE_24449K4
TEST LAB: BEGA
DATE: 6/14/2019
LUMINAIRE: 24 449K4
LAMP: 24.1W LED

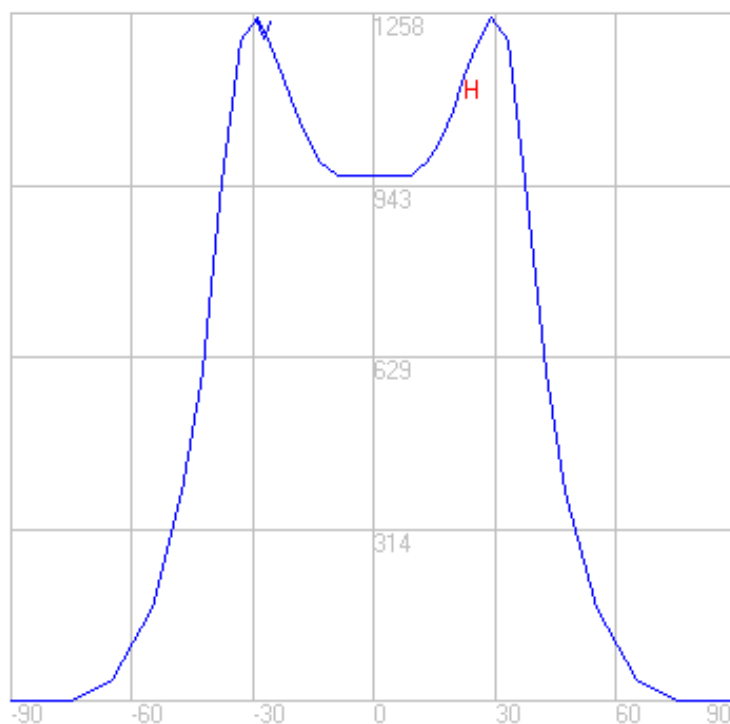
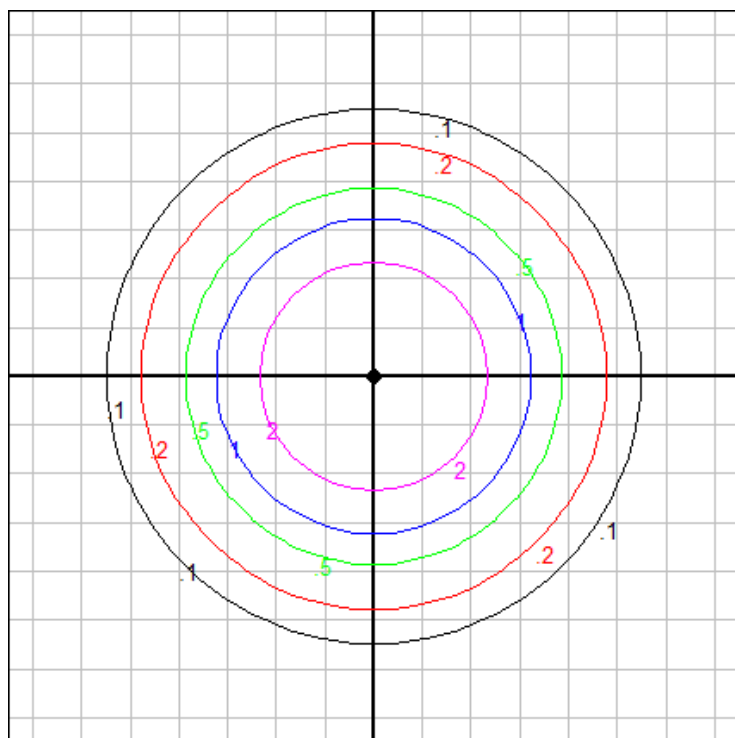


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1257.756
Maximum Candela Angle	-29 H -7 V
Horizontal Beam Angle (50%)	64.1
Vertical Beam Angle (50%)	83.5
Horizontal Field Angle (10%)	104.8
Vertical Field Angle (10%)	116.0
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1718
Beam Efficiency	N.A.
Field Lumens	2117
Field Efficiency	N.A.
Spill Lumens	84
Luminaire Lumens	2201
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	91.88
10-20	289.59
20-30	552.11
30-40	670.81
40-50	382.29
50-60	157.68
60-70	42.99
70-80	4.27
80-90	0.05
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.

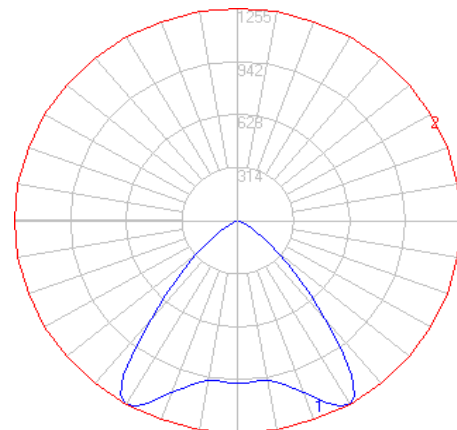
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File: 24449K35_BEGA_IES.ies

TEST: BE_24449K4
TEST LAB: BEGA
DATE: 6/14/2019
LUMINAIRE: 24 449K35
LAMP: 24.1W LED

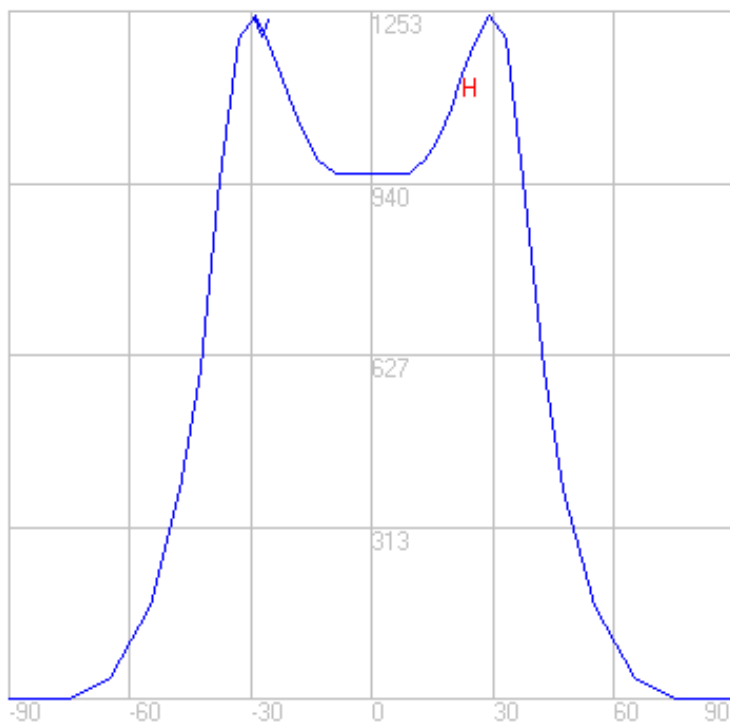
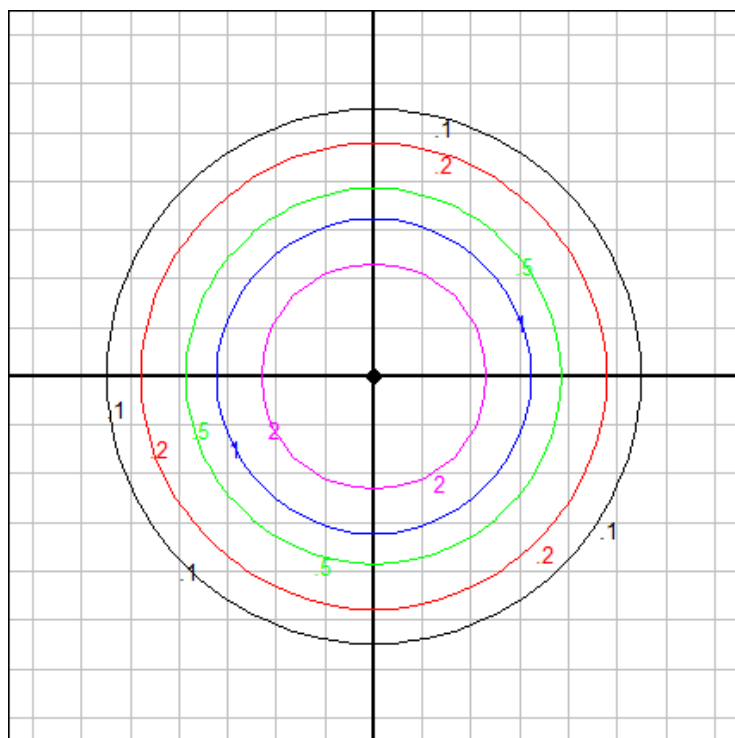


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1253.312
Maximum Candela Angle	-29 H -7 V
Horizontal Beam Angle (50%)	64.1
Vertical Beam Angle (50%)	83.5
Horizontal Field Angle (10%)	104.8
Vertical Field Angle (10%)	116.0
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1712
Beam Efficiency	N.A.
Field Lumens	2110
Field Efficiency	N.A.
Spill Lumens	83
Luminaire Lumens	2193
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	91.56
10-20	288.57
20-30	550.16
30-40	668.44
40-50	380.94
50-60	157.12
60-70	42.84
70-80	4.25
80-90	0.05
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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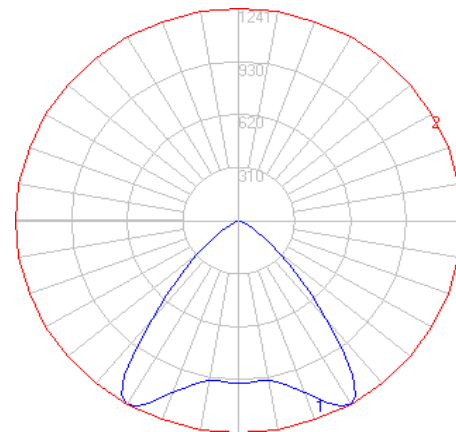
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File: 24449K3_BEGA_IES.ies

TEST: BE_24449K4
TEST LAB: BEGA
DATE: 6/14/2019
LUMINAIRE: 24 449K3
LAMP: 24.1W LED

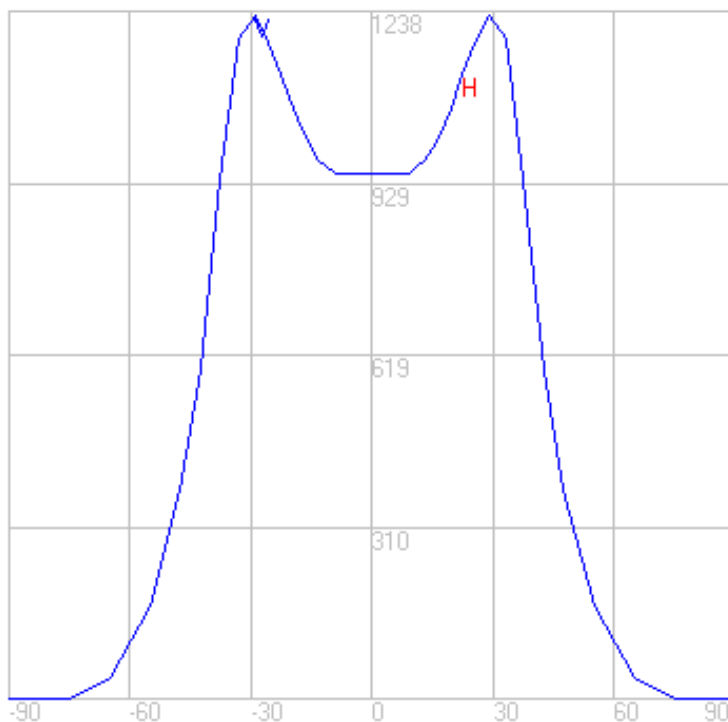
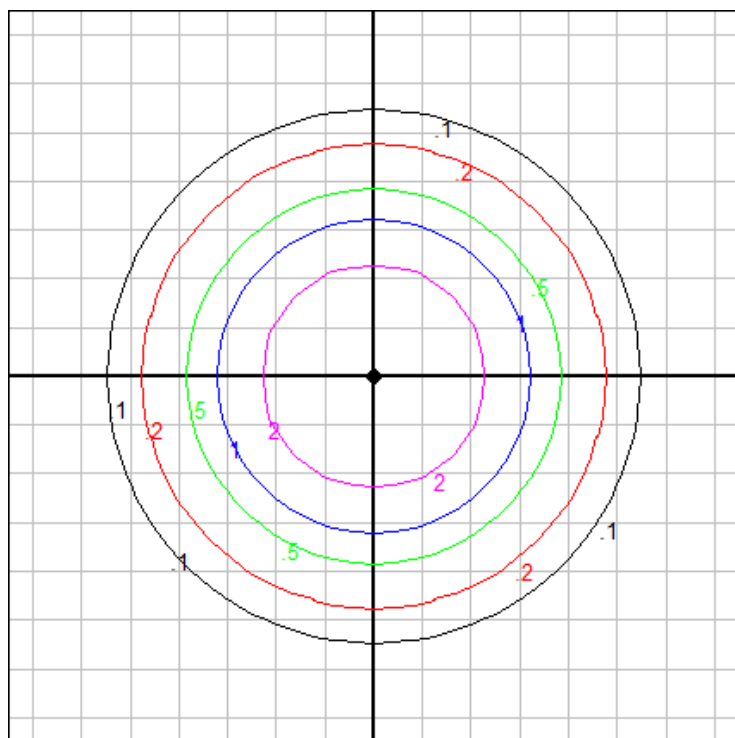


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1238.497
Maximum Candela Angle	-29 H -7 V
Horizontal Beam Angle (50%)	64.1
Vertical Beam Angle (50%)	83.5
Horizontal Field Angle (10%)	104.8
Vertical Field Angle (10%)	116.0
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1692
Beam Efficiency	N.A.
Field Lumens	2085
Field Efficiency	N.A.
Spill Lumens	82
Luminaire Lumens	2167
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	90.47
10-20	285.16
20-30	543.66
30-40	660.54
40-50	376.44
50-60	155.26
60-70	42.33
70-80	4.20
80-90	0.05
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.

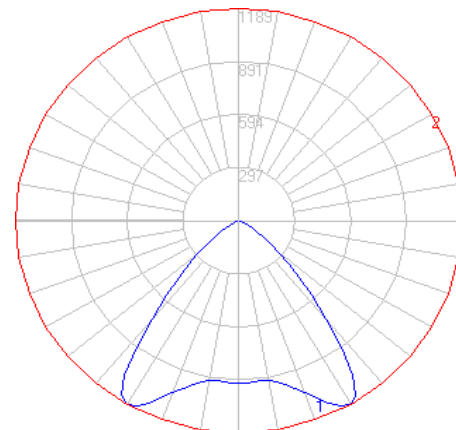
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File: 24449K27_BEGA_IES.ies

TEST: BE_24449K4
TEST LAB: BEGA
DATE: 6/14/2019
LUMINAIRE: 24 449K27
LAMP: 24.1W LED

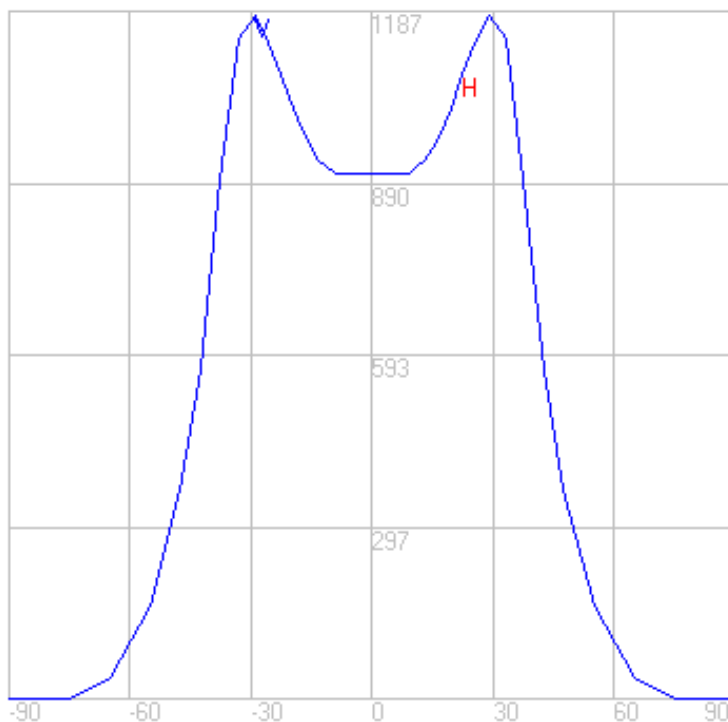
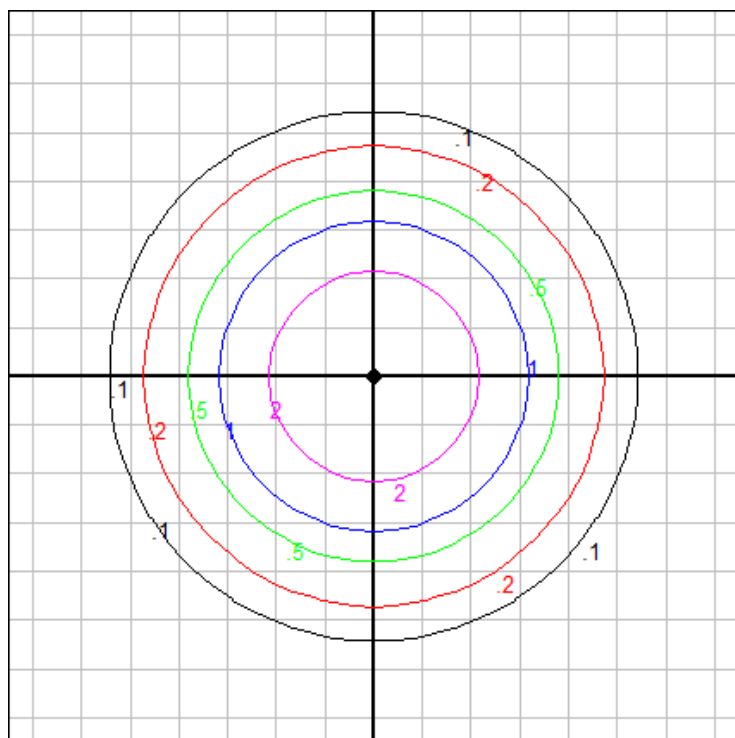


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1186.647
Maximum Candela Angle	-29 H -7 V
Horizontal Beam Angle (50%)	64.1
Vertical Beam Angle (50%)	83.5
Horizontal Field Angle (10%)	104.8
Vertical Field Angle (10%)	116.0
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1621
Beam Efficiency	N.A.
Field Lumens	1998
Field Efficiency	N.A.
Spill Lumens	79
Luminaire Lumens	2076
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	86.69
10-20	273.22
20-30	520.90
30-40	632.89
40-50	360.68
50-60	148.76
60-70	40.56
70-80	4.03
80-90	0.04
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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