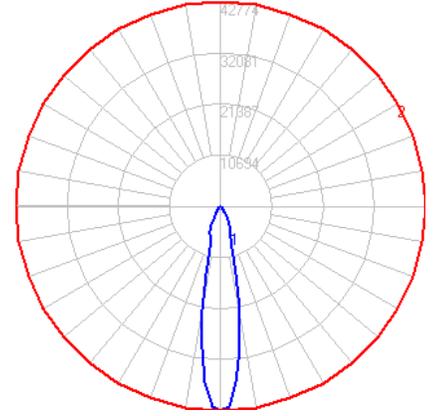


BEGA

File: 24656K4_BEGA_IES.ies

TEST: BE_24656K4
 TEST LAB: BEGA
 DATE: 7/12/2019
 LUMINAIRE: 24 656K4
 LAMP: 71.1W LED

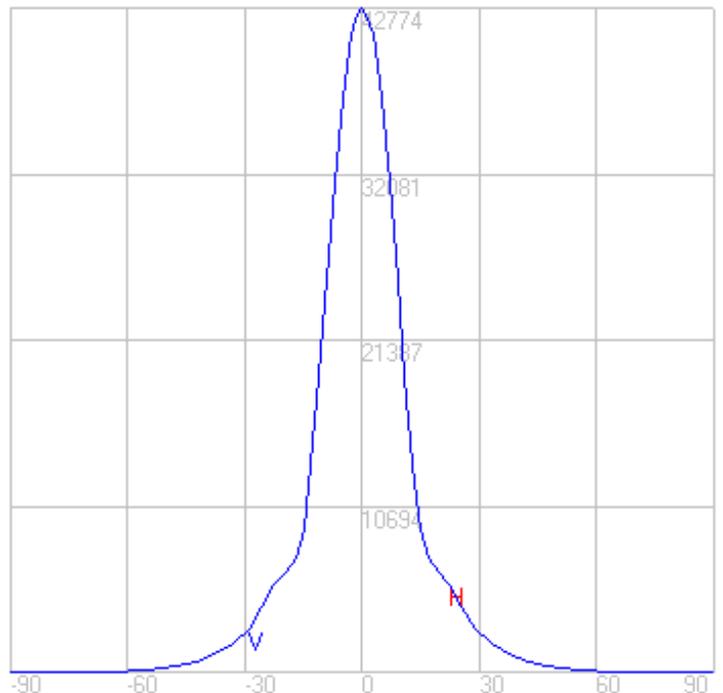
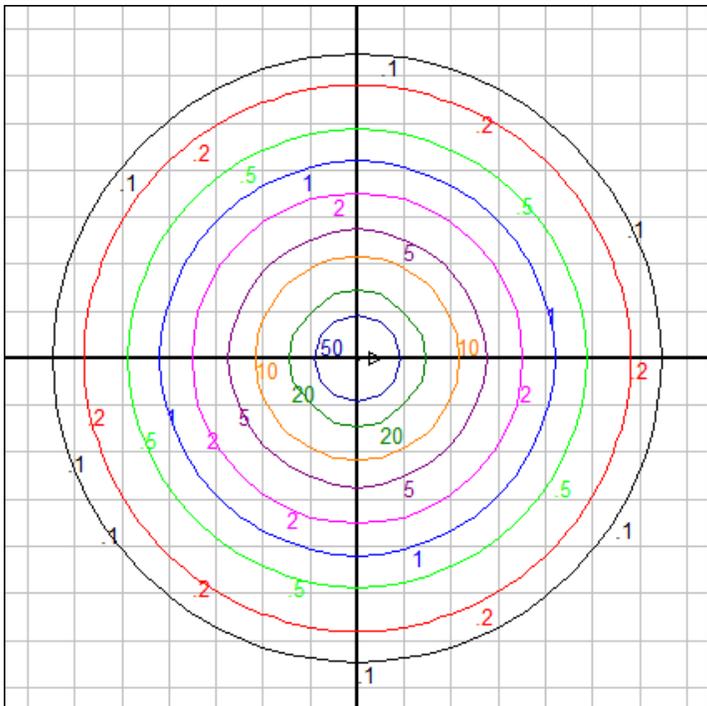


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	42774.4
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	20.5
Vertical Beam Angle (50%)	20.5
Horizontal Field Angle (10%)	50.5
Vertical Field Angle (10%)	50.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	3068
Beam Efficiency	N.A.
Field Lumens	7220
Field Efficiency	N.A.
Spill Lumens	2163
Luminaire Lumens	9383
Total Efficiency	N.A.
Total Luminaire Watts	76
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	3057.93
10-20	2944.63
20-30	1979.6
30-40	937.69
40-50	390.74
50-60	79.54
60-70	0.12
70-80	0.11
80-90	0.38
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: 4 ft.

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

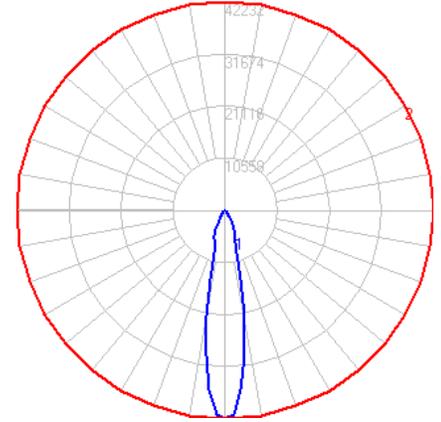
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BEGA

File: 24656K35_BEGA_IES.ies

TEST: BE_24656K4
 TEST LAB: BEGA
 DATE: 7/12/2019
 LUMINAIRE: 24 656K35
 LAMP: 71.1W LED

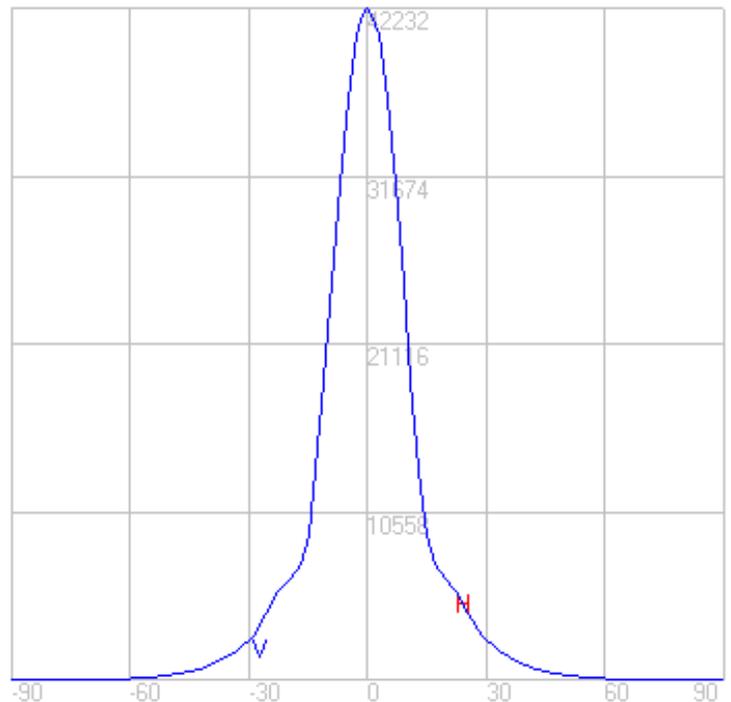
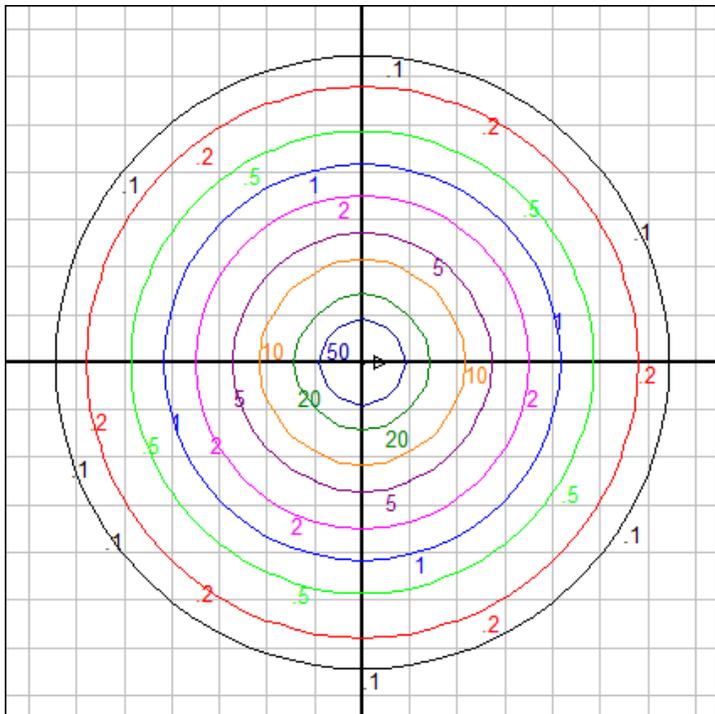


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	42232.449
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	20.5
Vertical Beam Angle (50%)	20.5
Horizontal Field Angle (10%)	50.5
Vertical Field Angle (10%)	50.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	3029
Beam Efficiency	N.A.
Field Lumens	7128
Field Efficiency	N.A.
Spill Lumens	2136
Luminaire Lumens	9264
Total Efficiency	N.A.
Total Luminaire Watts	76
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	3019.18
10-20	2907.32
20-30	1954.52
30-40	925.81
40-50	385.79
50-60	78.53
60-70	0.12
70-80	0.11
80-90	0.38
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: 4 ft.

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

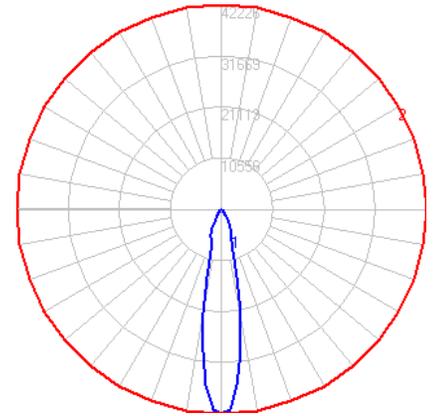
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BEGA

File: 24656K3_BEGA_IES.ies

TEST: BE_24656K4
 TEST LAB: BEGA
 DATE: 7/12/2019
 LUMINAIRE: 24 656K3
 LAMP: 71.1W LED

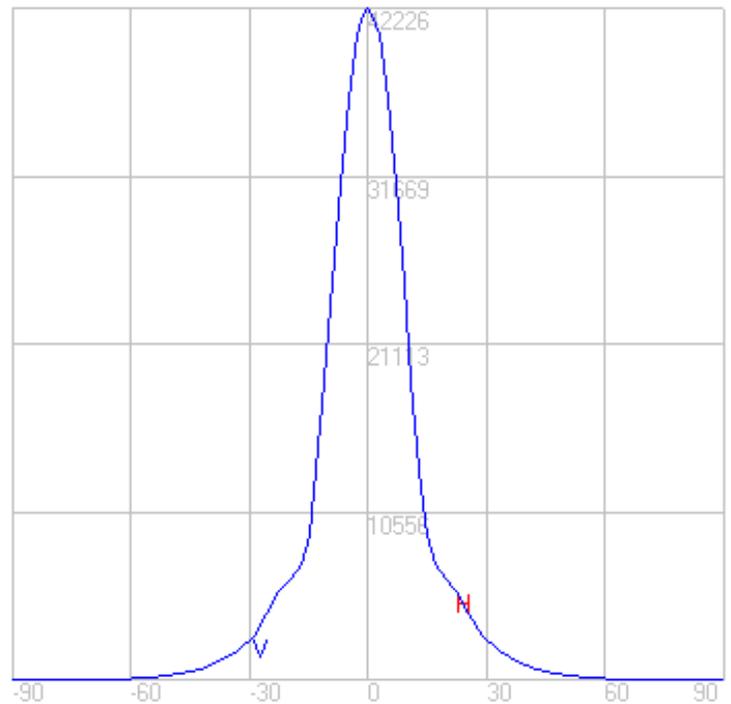
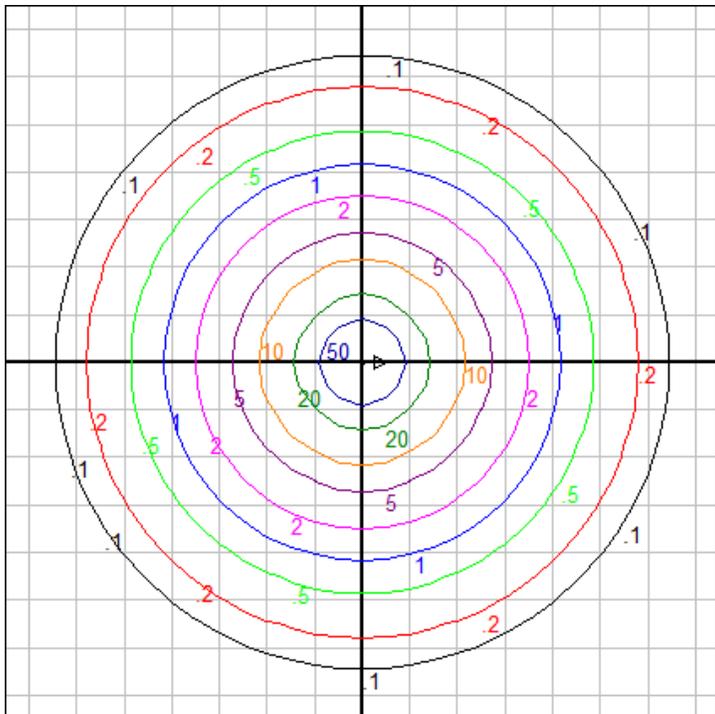


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	42225.604
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	20.5
Vertical Beam Angle (50%)	20.5
Horizontal Field Angle (10%)	50.5
Vertical Field Angle (10%)	50.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	3029
Beam Efficiency	N.A.
Field Lumens	7127
Field Efficiency	N.A.
Spill Lumens	2135
Luminaire Lumens	9262
Total Efficiency	N.A.
Total Luminaire Watts	76
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	3018.69
10-20	2906.84
20-30	1954.2
30-40	925.66
40-50	385.72
50-60	78.52
60-70	0.12
70-80	0.11
80-90	0.38
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



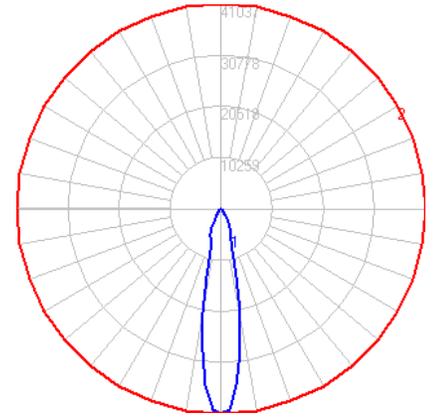
Mounting Height: 20 ft. Grid Spacing: 4 ft.

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BEGA

File: 24656K27_BEGA_IES.ies

TEST: BE_24656K4
 TEST LAB: BEGA
 DATE: 7/12/2019
 LUMINAIRE: 24 656K27
 LAMP: 71.1W LED

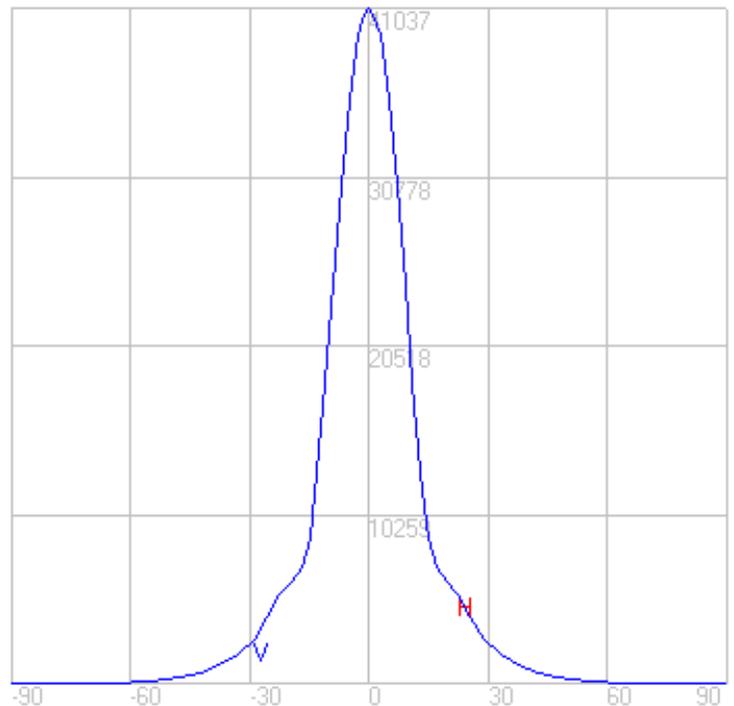
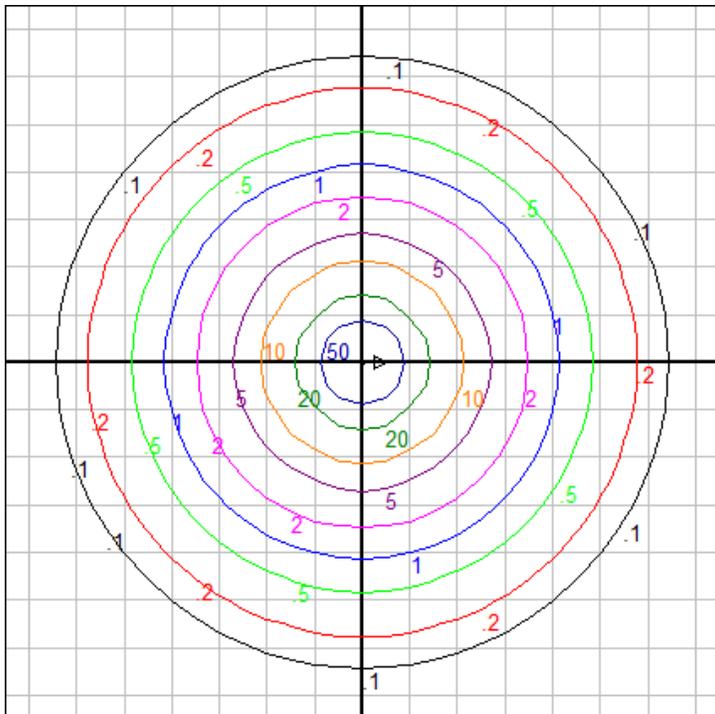


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	41036.903
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	20.5
Vertical Beam Angle (50%)	20.5
Horizontal Field Angle (10%)	50.5
Vertical Field Angle (10%)	50.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2944
Beam Efficiency	N.A.
Field Lumens	6926
Field Efficiency	N.A.
Spill Lumens	2075
Luminaire Lumens	9001
Total Efficiency	N.A.
Total Luminaire Watts	76
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	2933.71
10-20	2825.01
20-30	1899.19
30-40	899.60
40-50	374.87
50-60	76.31
60-70	0.12
70-80	0.10
80-90	0.36
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: 4 ft.

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