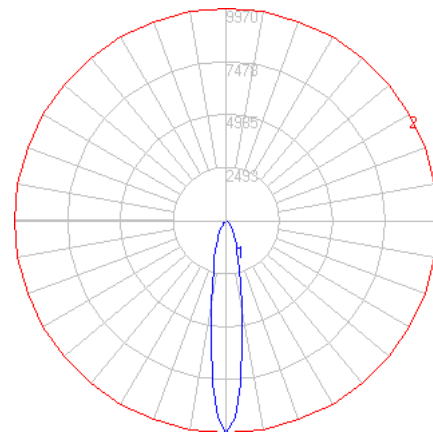


BEGA

File: 84723K4_BEGA_IES.ies

TEST: BE_84723K4
TEST LAB: BEGA
DATE: 03/25/2021
LUMINAIRE: 84 723K4
LAMP: 20.4W LED

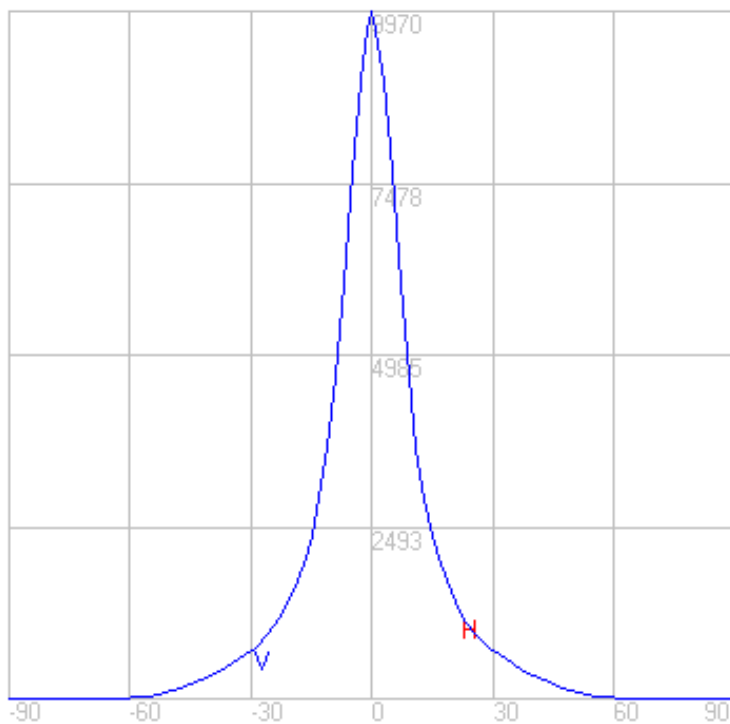
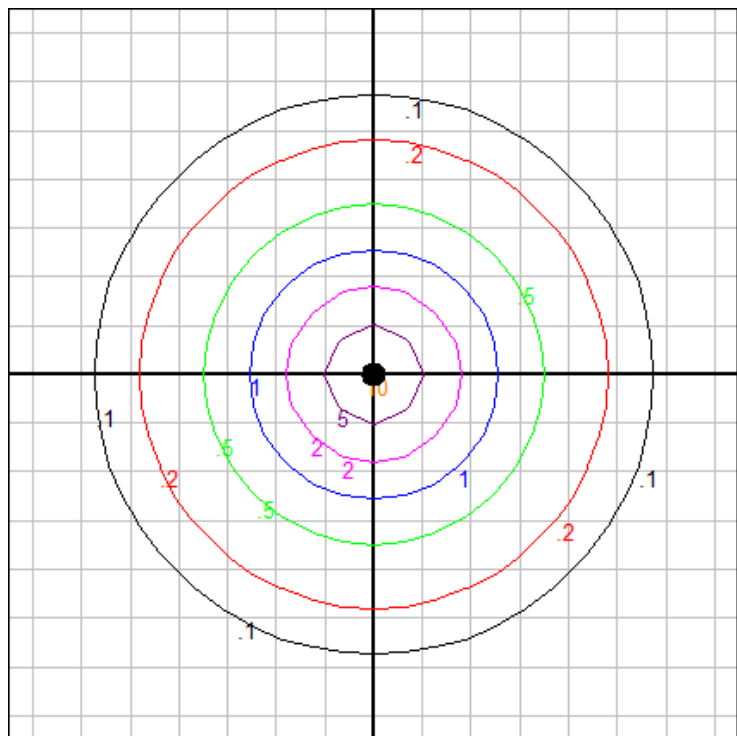


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	9970.037
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	17.1
Vertical Beam Angle (50%)	17.1
Horizontal Field Angle (10%)	49.8
Vertical Field Angle (10%)	49.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	505
Beam Efficiency	N.A.
Field Lumens	1526
Field Efficiency	N.A.
Spill Lumens	735
Luminaire Lumens	2261
Total Efficiency	N.A.
Total Luminaire Watts	24
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-20	1283.65	N.A.	56.80
0-30	1744.17	N.A.	77.20
0-40	2052.34	N.A.	90.80
0-60	2253.72	N.A.	99.70
0-80	2260.66	N.A.	100.00
0-90	2260.66	N.A.	100.00
10-90	1651.29	N.A.	73.00
20-40	768.69	N.A.	34.00
20-50	931.21	N.A.	41.20
40-70	207.65	N.A.	9.20
60-80	6.94	N.A.	0.30
70-80	0.67	N.A.	0.00
80-90	0.00	N.A.	0.00
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	2260.66	N.A.	100.00



Setback: 30 ft.

Grid Spacing: 5 ft.

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

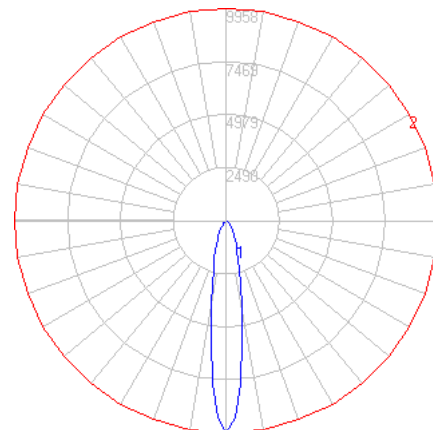
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BEGA

File: 84723K35_BEGA_IES.ies

TEST: BE_84723K4
TEST LAB: BEGA
DATE: 03/25/2021
LUMINAIRE: 84 723K35
LAMP: 20.4W LED

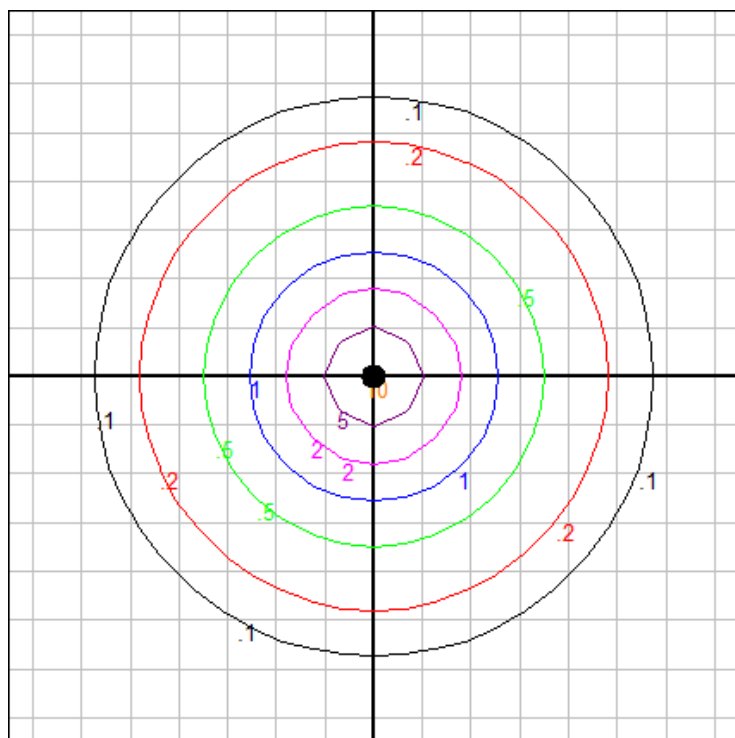


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	9958.266
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	17.1
Vertical Beam Angle (50%)	17.1
Horizontal Field Angle (10%)	49.8
Vertical Field Angle (10%)	49.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	505
Beam Efficiency	N.A.
Field Lumens	1524
Field Efficiency	N.A.
Spill Lumens	734
Luminaire Lumens	2258
Total Efficiency	N.A.
Total Luminaire Watts	24
Ballast Factor	1.00

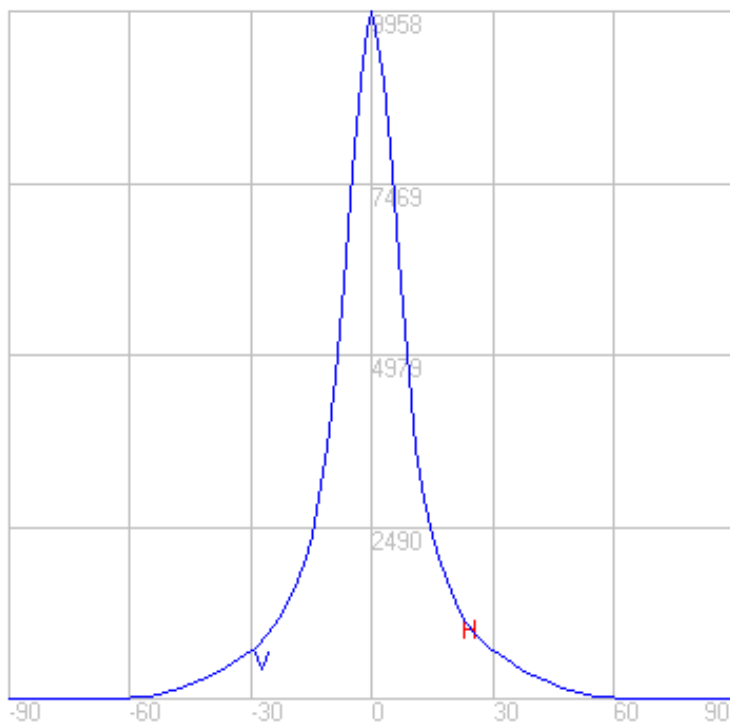
Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-20	1282.13	N.A.	56.80
0-30	1742.11	N.A.	77.20
0-40	2049.92	N.A.	90.80
0-60	2251.06	N.A.	99.70
0-80	2257.99	N.A.	100.00
0-90	2257.99	N.A.	100.00
10-90	1649.34	N.A.	73.00
20-40	767.78	N.A.	34.00
20-50	930.11	N.A.	41.20
40-70	207.40	N.A.	9.20
60-80	6.93	N.A.	0.30
70-80	0.67	N.A.	0.00
80-90	0.00	N.A.	0.00
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	2257.99	N.A.	100.00



Setback: 30 ft.

Grid Spacing: 5 ft.



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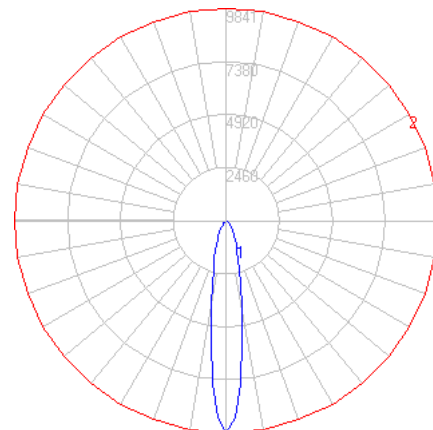
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BEGA

File: 84723K3_BEGA_IES.ies

TEST: BE_84723K4
TEST LAB: BEGA
DATE: 03/25/2021
LUMINAIRE: 84 723K3
LAMP: 20.4W LED

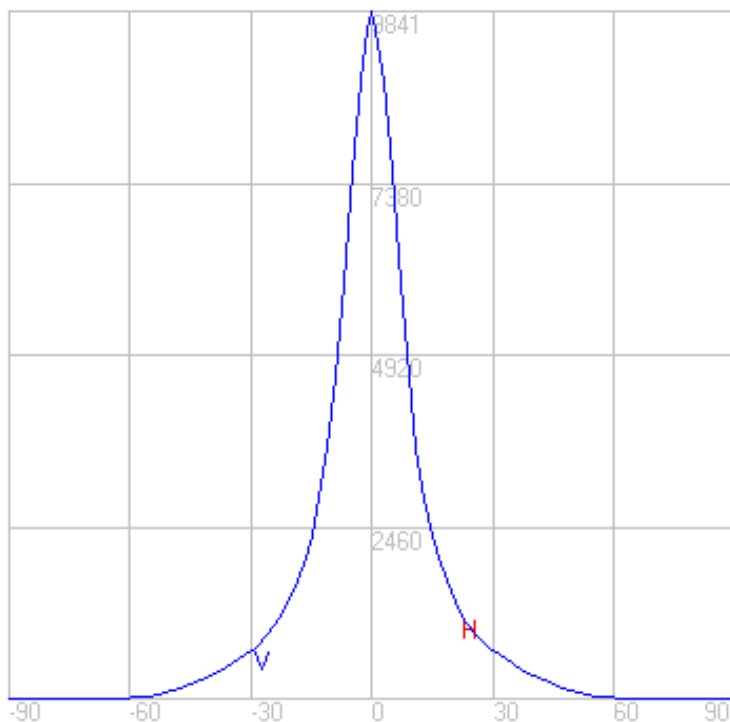
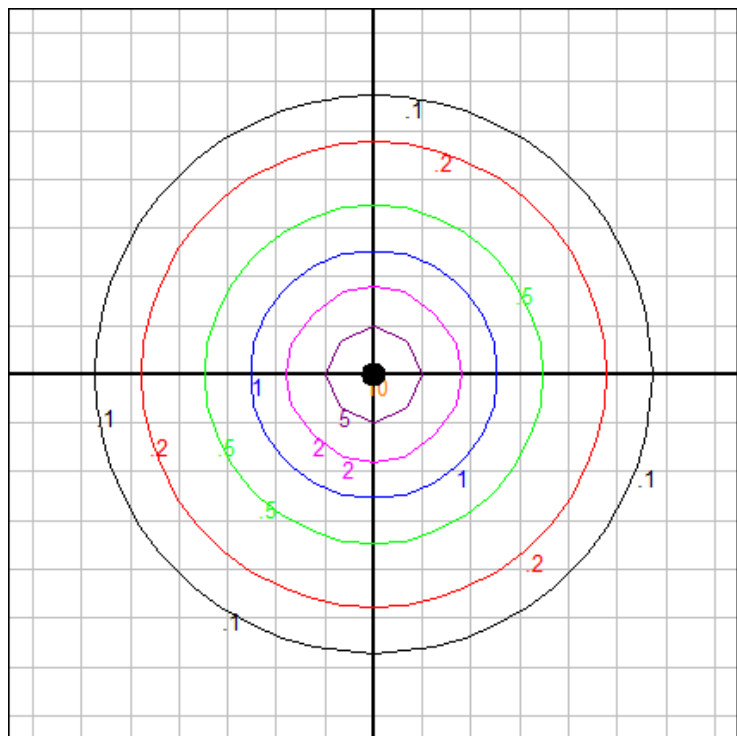


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	9840.556
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	17.1
Vertical Beam Angle (50%)	17.1
Horizontal Field Angle (10%)	49.8
Vertical Field Angle (10%)	49.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	499
Beam Efficiency	N.A.
Field Lumens	1506
Field Efficiency	N.A.
Spill Lumens	725
Luminaire Lumens	2231
Total Efficiency	N.A.
Total Luminaire Watts	24
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-20	1266.98	N.A.	56.80
0-30	1721.51	N.A.	77.20
0-40	2025.69	N.A.	90.80
0-60	2224.45	N.A.	99.70
0-80	2231.3	N.A.	100.00
0-90	2231.3	N.A.	100.00
10-90	1629.85	N.A.	73.00
20-40	758.71	N.A.	34.00
20-50	919.11	N.A.	41.20
40-70	204.95	N.A.	9.20
60-80	6.85	N.A.	0.30
70-80	0.66	N.A.	0.00
80-90	0.00	N.A.	0.00
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	2231.3	N.A.	100.00



Setback: 30 ft.

Grid Spacing: 5 ft.

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

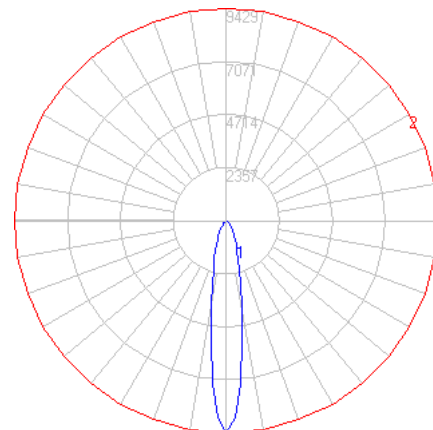
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File: 84723K27_BEGA_IES.ies

TEST: BE_84723K4
TEST LAB: BEGA
DATE: 03/25/2021
LUMINAIRE: 84 723K27
LAMP: 20.4W LED

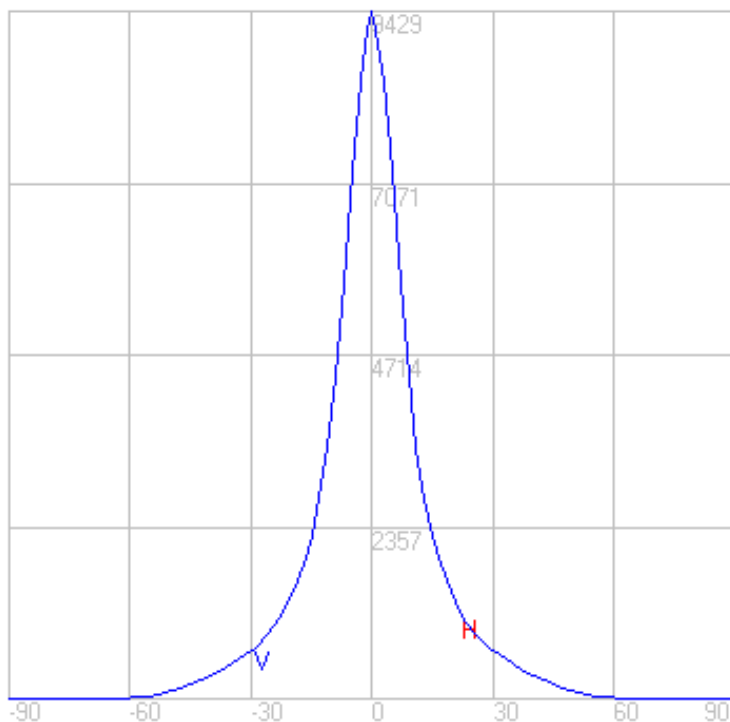
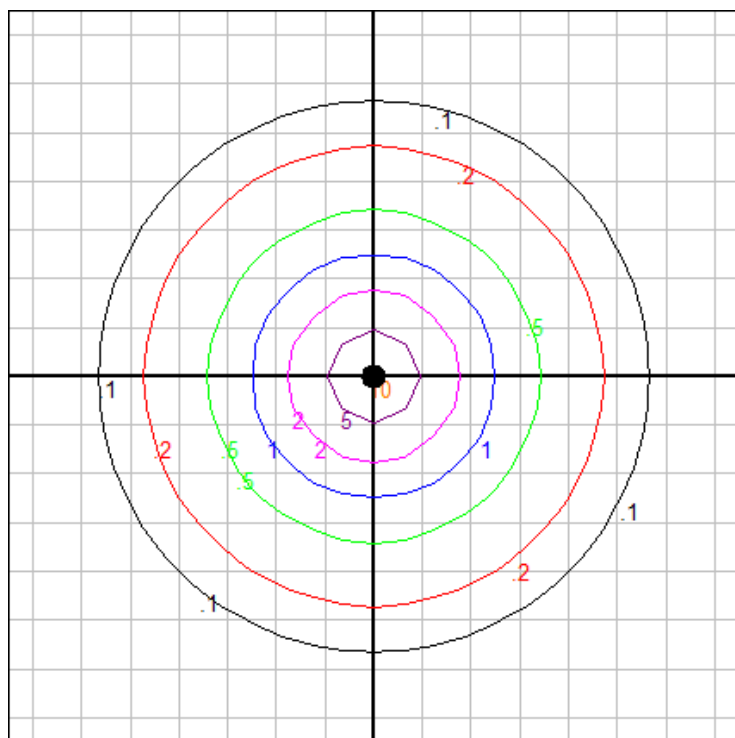


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	9428.571
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	17.1
Vertical Beam Angle (50%)	17.1
Horizontal Field Angle (10%)	49.8
Vertical Field Angle (10%)	49.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	478
Beam Efficiency	N.A.
Field Lumens	1443
Field Efficiency	N.A.
Spill Lumens	695
Luminaire Lumens	2138
Total Efficiency	N.A.
Total Luminaire Watts	24
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-20	1213.93	N.A.	56.80
0-30	1649.44	N.A.	77.20
0-40	1940.88	N.A.	90.80
0-60	2131.32	N.A.	99.70
0-80	2137.89	N.A.	100.00
0-90	2137.89	N.A.	100.00
10-90	1561.61	N.A.	73.00
20-40	726.94	N.A.	34.00
20-50	880.63	N.A.	41.20
40-70	196.37	N.A.	9.20
60-80	6.56	N.A.	0.30
70-80	0.64	N.A.	0.00
80-90	0.00	N.A.	0.00
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	2137.89	N.A.	100.00



Setback: 30 ft.

Grid Spacing: 5 ft.

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