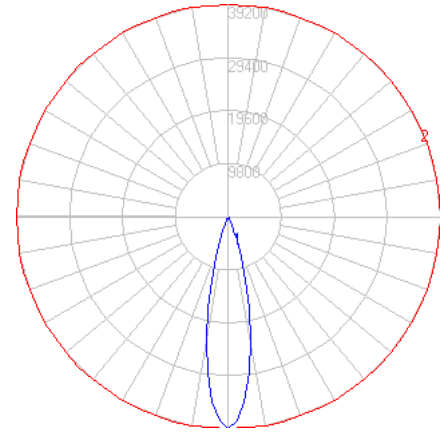


BEGA

File: 84233K4_BEGA_IES.ies

TEST: BE_84233K4
TEST LAB: BEGA
DATE: 10/14/2019
LUMINAIRE: 84 233K4
LAMP: 95.6W LED

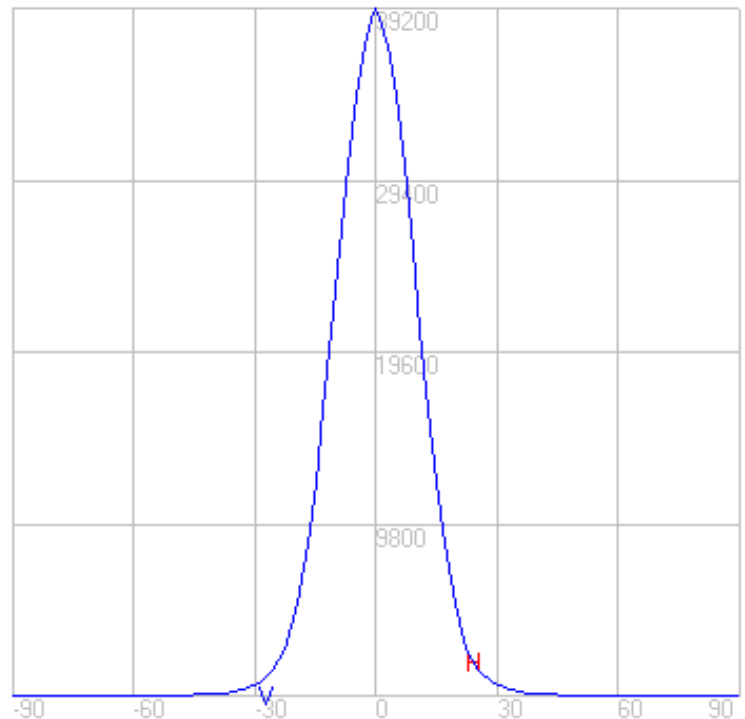
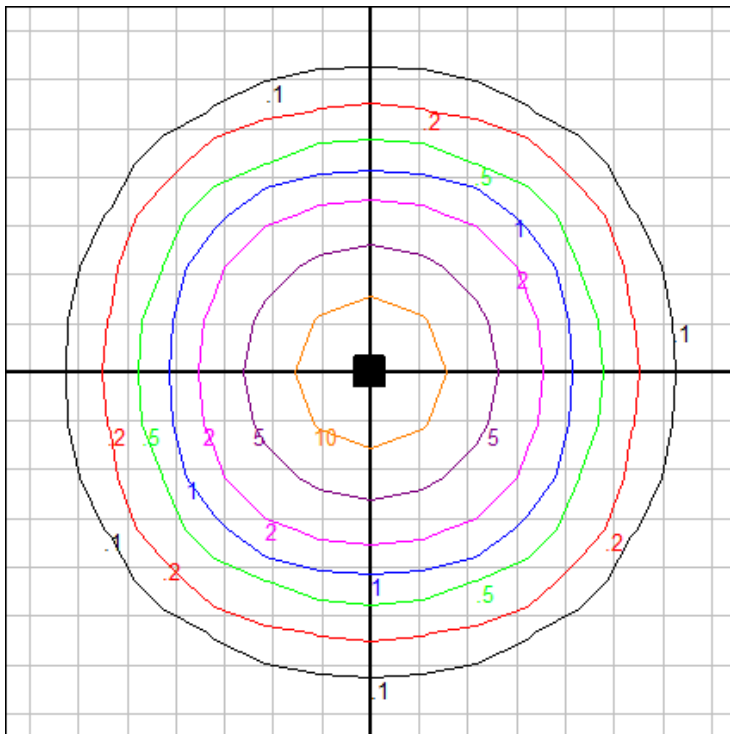


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	39200.3
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	23.1
Vertical Beam Angle (50%)	23.1
Horizontal Field Angle (10%)	42.2
Vertical Field Angle (10%)	42.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	3674
Beam Efficiency	N.A.
Field Lumens	6719
Field Efficiency	N.A.
Spill Lumens	970
Luminaire Lumens	7689
Total Efficiency	N.A.
Total Luminaire Watts	107
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	2924.53
10-20	3536.54
20-30	990.58
30-40	167.44
40-50	49.46
50-60	22.63
60-70	9.39
70-80	2.01
80-90	0.62
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: 50 ft.

Grid Spacing: 5 ft.

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

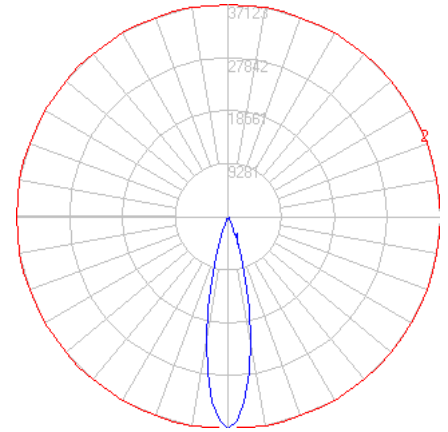
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BEGA

File: 84233K35_BEGA_IES.ies

TEST: BE_84233K4
TEST LAB: BEGA
DATE: 10/14/2019
LUMINAIRE: 84 233K35
LAMP: 95.6W LED

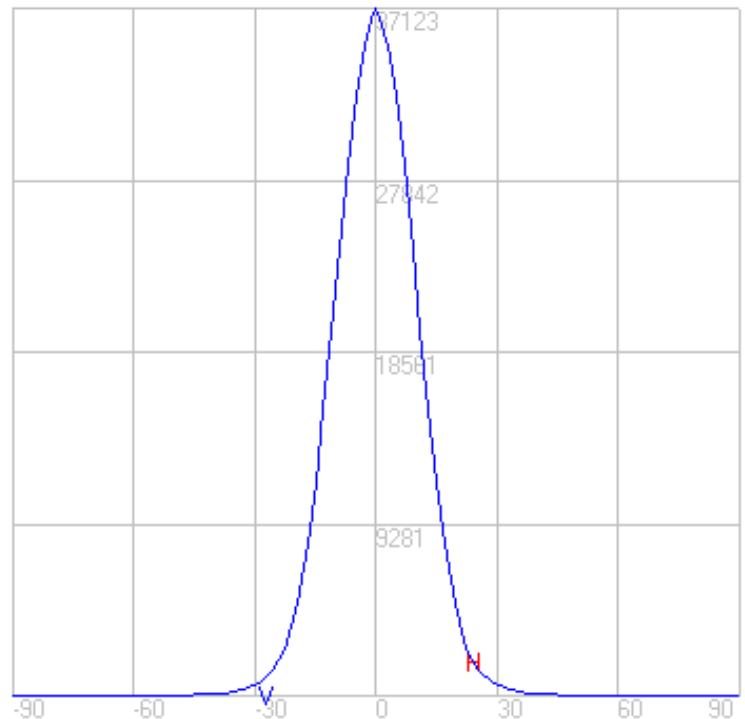
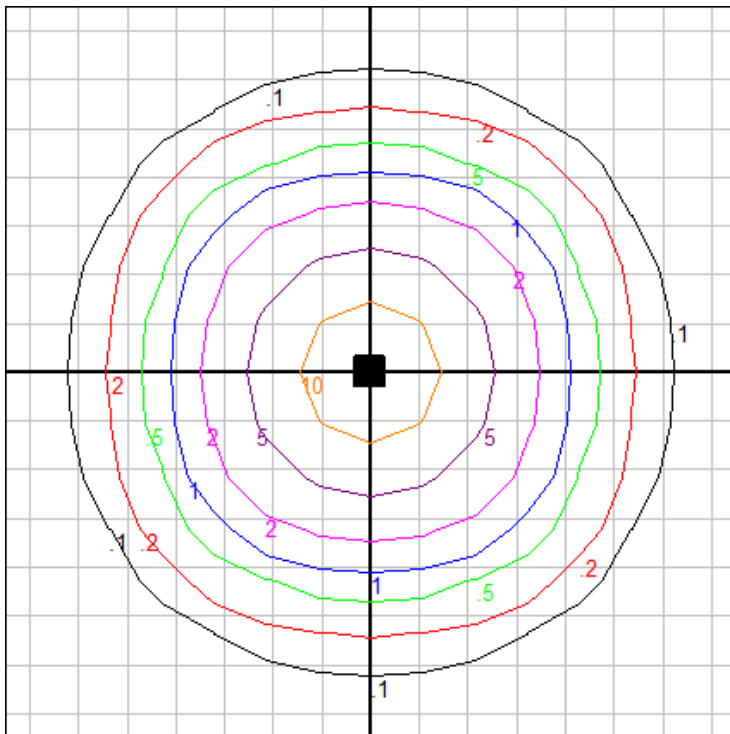


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	37122.685
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	23.1
Vertical Beam Angle (50%)	23.1
Horizontal Field Angle (10%)	42.2
Vertical Field Angle (10%)	42.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	3479
Beam Efficiency	N.A.
Field Lumens	6363
Field Efficiency	N.A.
Spill Lumens	919
Luminaire Lumens	7282
Total Efficiency	N.A.
Total Luminaire Watts	107
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	2769.54
10-20	3349.1
20-30	938.08
30-40	158.57
40-50	46.84
50-60	21.43
60-70	8.89
70-80	1.90
80-90	0.59
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: 50 ft.

Grid Spacing: 5 ft.

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

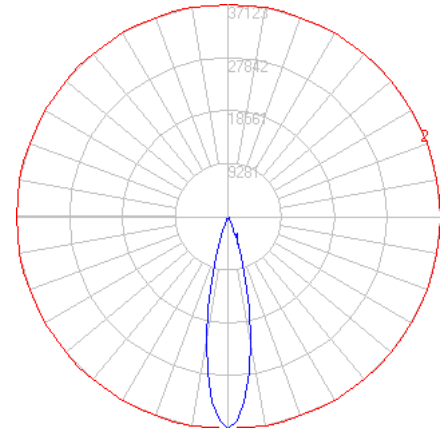
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BEGA

File: 84233K3_BEGA_IES.ies

TEST: BE_84233K4
TEST LAB: BEGA
DATE: 10/14/2019
LUMINAIRE: 84 233K3
LAMP: 95.6W LED

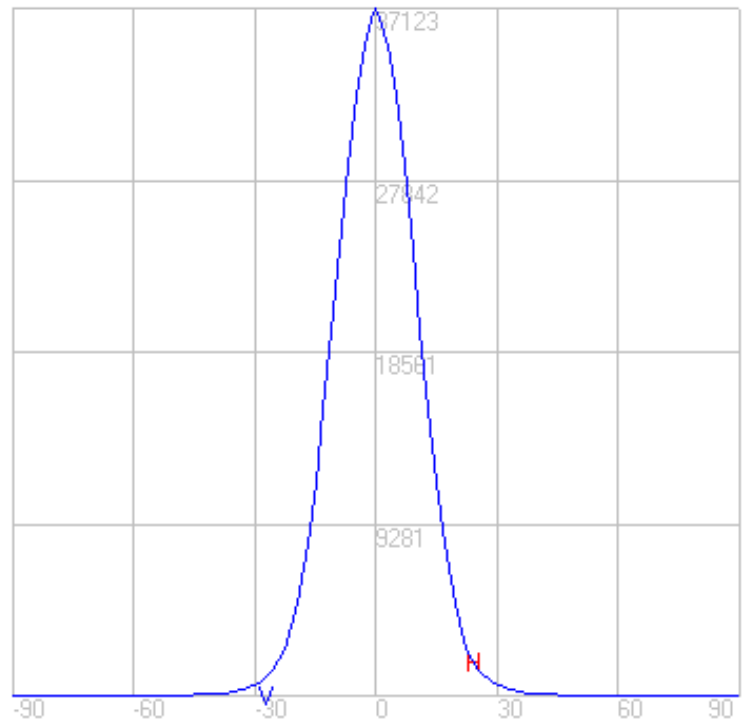
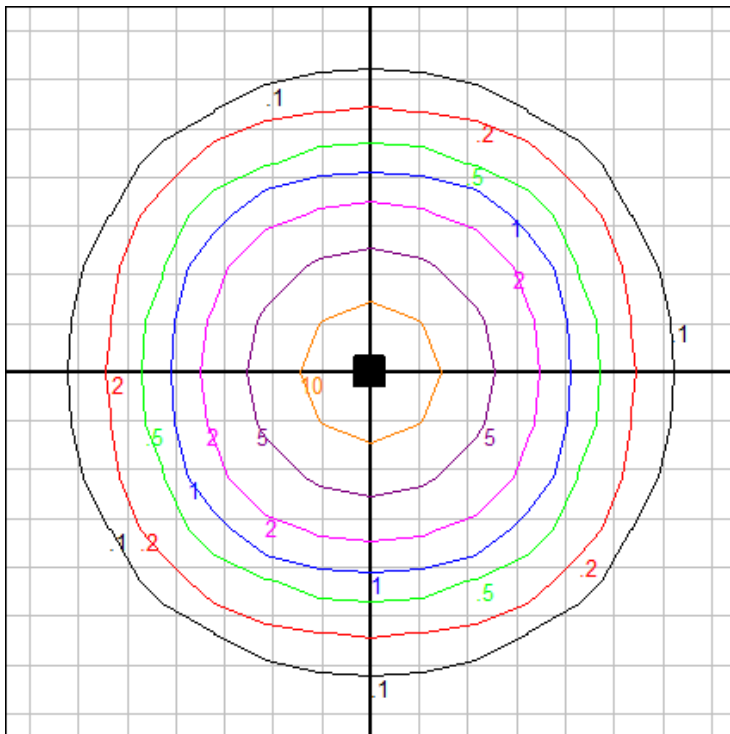


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	37122.685
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	23.1
Vertical Beam Angle (50%)	23.1
Horizontal Field Angle (10%)	42.2
Vertical Field Angle (10%)	42.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	3479
Beam Efficiency	N.A.
Field Lumens	6363
Field Efficiency	N.A.
Spill Lumens	919
Luminaire Lumens	7282
Total Efficiency	N.A.
Total Luminaire Watts	107
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	2769.54
10-20	3349.1
20-30	938.08
30-40	158.57
40-50	46.84
50-60	21.43
60-70	8.89
70-80	1.90
80-90	0.59
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: 50 ft.

Grid Spacing: 5 ft.

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

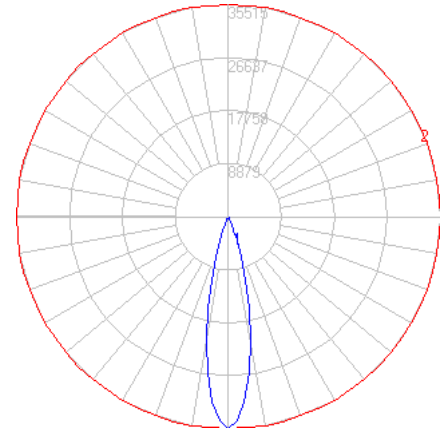
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BEGA

File: 84233K27_BEGA_IES.ies

TEST: BE_84233K4
TEST LAB: BEGA
DATE: 10/14/2019
LUMINAIRE: 84 233K27
LAMP: 95.6W LED

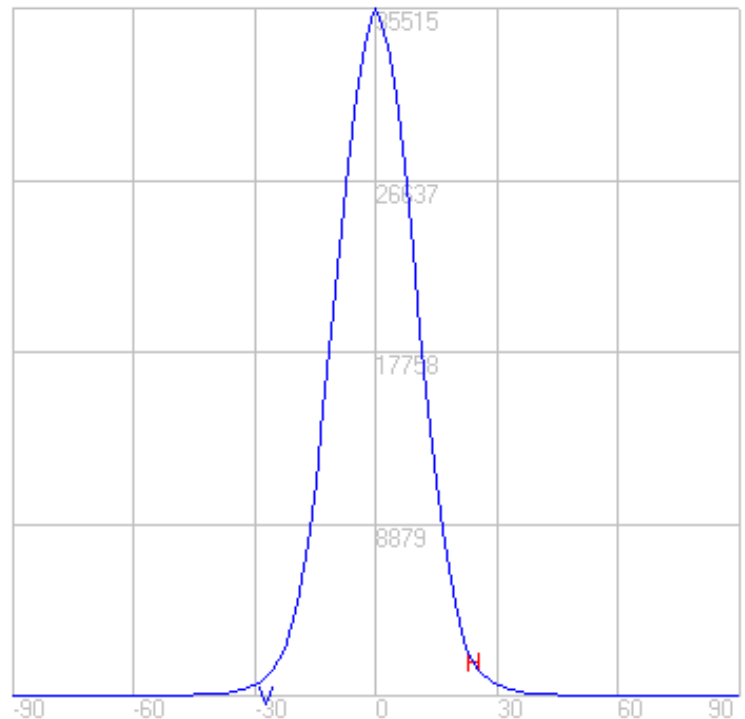
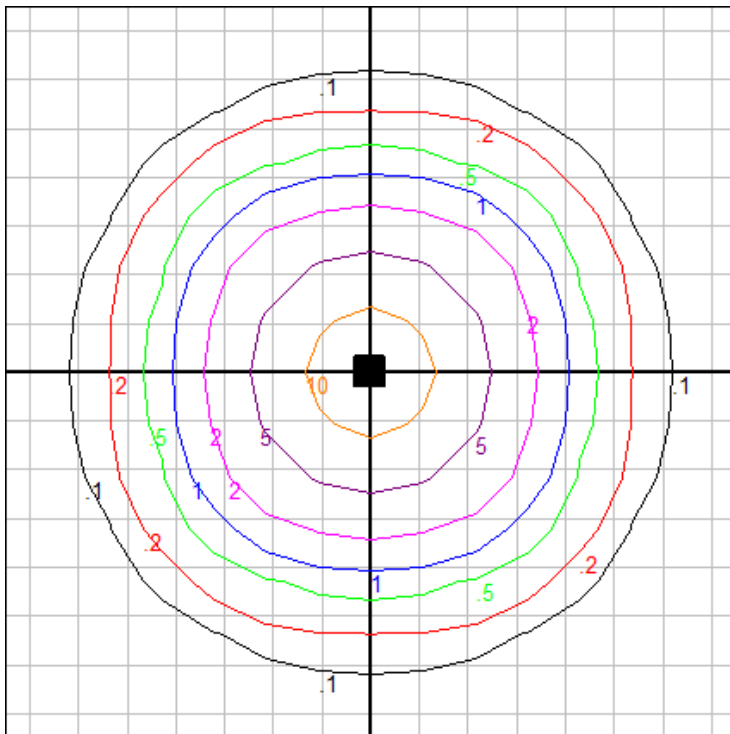


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	35515.473
Maximum Candela Angle	0H 0 V
Horizontal Beam Angle (50%)	23.1
Vertical Beam Angle (50%)	23.1
Horizontal Field Angle (10%)	42.2
Vertical Field Angle (10%)	42.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	3328
Beam Efficiency	N.A.
Field Lumens	6088
Field Efficiency	N.A.
Spill Lumens	879
Luminaire Lumens	6966
Total Efficiency	N.A.
Total Luminaire Watts	107
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	2649.63
10-20	3204.11
20-30	897.46
30-40	151.70
40-50	44.81
50-60	20.50
60-70	8.50
70-80	1.82
80-90	0.56
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: 50 ft.

Grid Spacing: 5 ft.

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