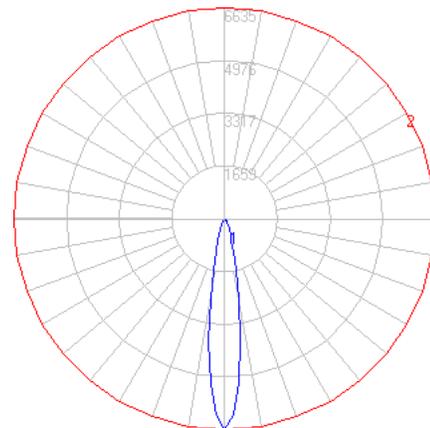


BEGA

File: 24399K4_BEGA_IES.ies

TEST: BE_24399K4
 TEST LAB: BEGA
 DATE: 7/8/2019
 LUMINAIRE: 24 399K4
 LAMP: 8.0W LED

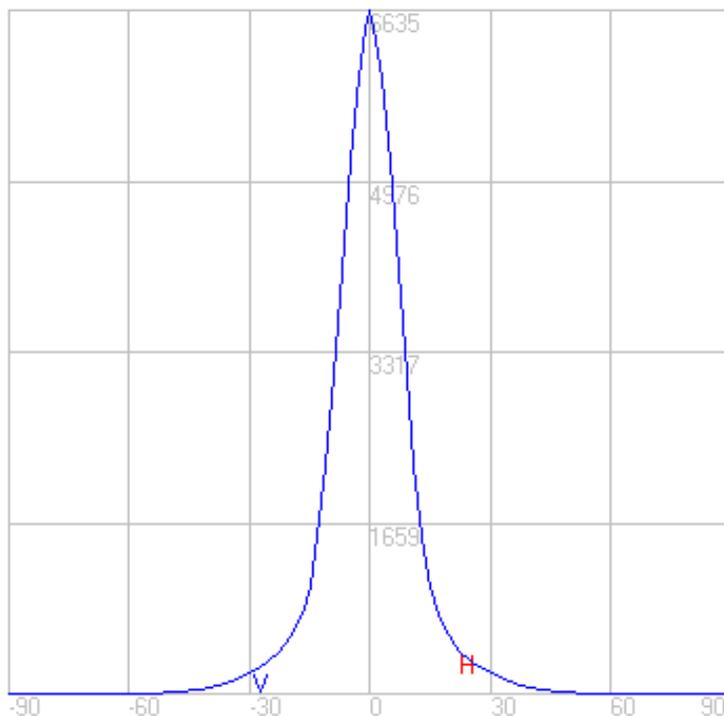
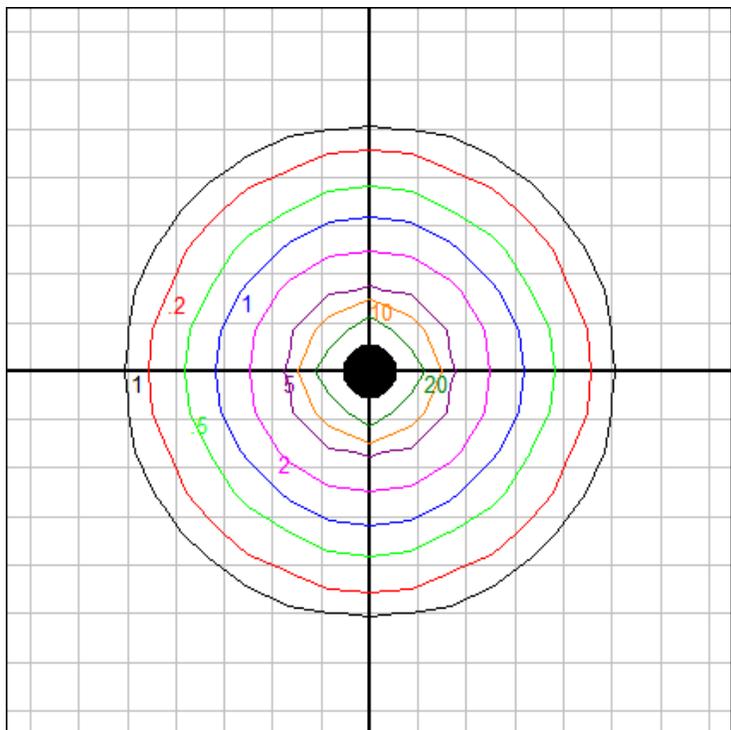


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	6634.9
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	17.1
Vertical Beam Angle (50%)	17.1
Horizontal Field Angle (10%)	36.7
Vertical Field Angle (10%)	36.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	340
Beam Efficiency	N.A.
Field Lumens	682
Field Efficiency	N.A.
Spill Lumens	301
Luminaire Lumens	983
Total Efficiency	N.A.
Total Luminaire Watts	12
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	409.05
10-20	323.20
20-30	148.10
30-40	74.05
40-50	24.95
50-60	5.82
60-70	0.61
70-80	0.01
80-90	0.00
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: 10 ft.

Grid Spacing: 2 ft.

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

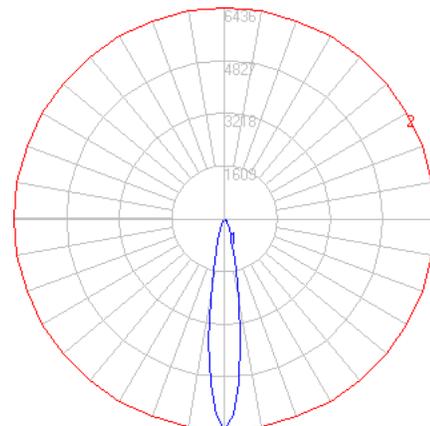
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2022

3/15/2022

BEGA

File: 24399K35_BEGA_IES.ies

TEST: BE_24399K4
 TEST LAB: BEGA
 DATE: 7/8/2019
 LUMINAIRE: 24 399K35
 LAMP: 8.0W LED

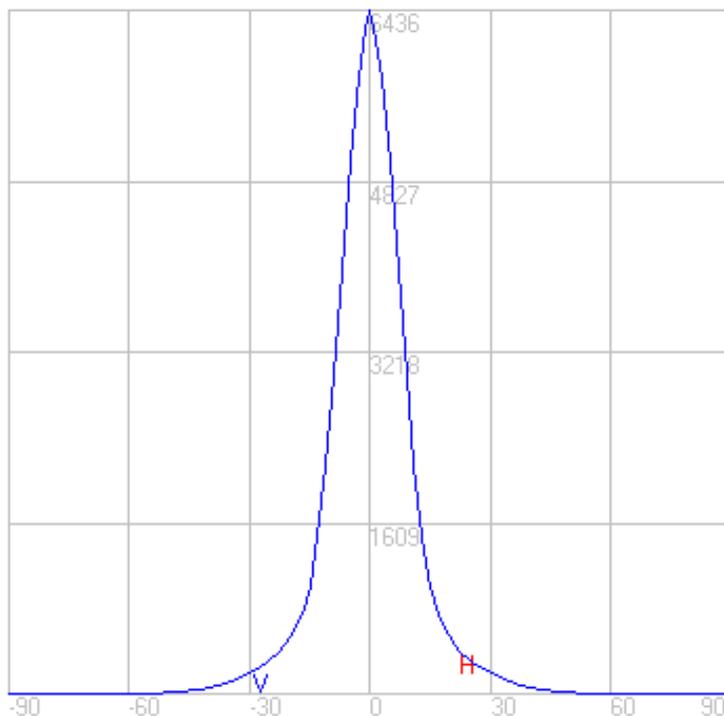
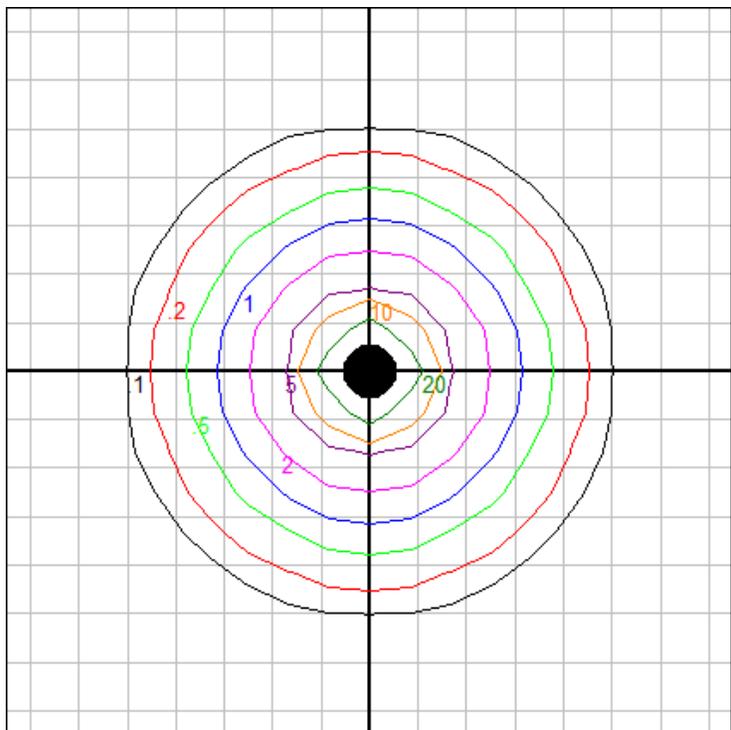


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	6435.853
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	17.1
Vertical Beam Angle (50%)	17.1
Horizontal Field Angle (10%)	36.7
Vertical Field Angle (10%)	36.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	330
Beam Efficiency	N.A.
Field Lumens	661
Field Efficiency	N.A.
Spill Lumens	292
Luminaire Lumens	953
Total Efficiency	N.A.
Total Luminaire Watts	12
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	396.78
10-20	313.51
20-30	143.66
30-40	71.83
40-50	24.20
50-60	5.64
60-70	0.59
70-80	0.01
80-90	0.00
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: 10 ft.

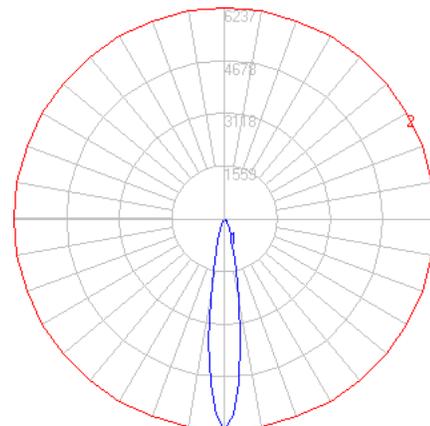
Grid Spacing: 2 ft.

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

BEGA

File: 24399K3_BEGA_IES.ies

TEST: BE_24399K4
 TEST LAB: BEGA
 DATE: 7/8/2019
 LUMINAIRE: 24 399K3
 LAMP: 8.0W LED

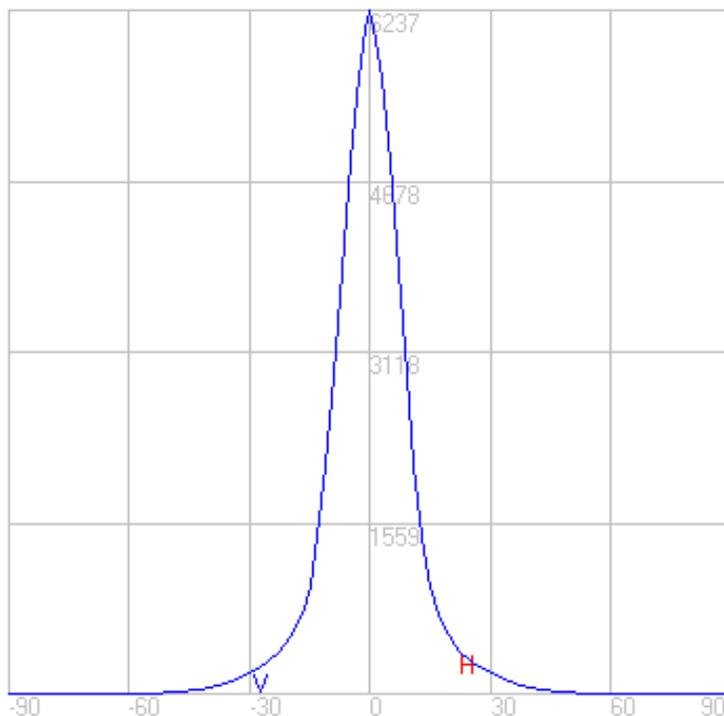
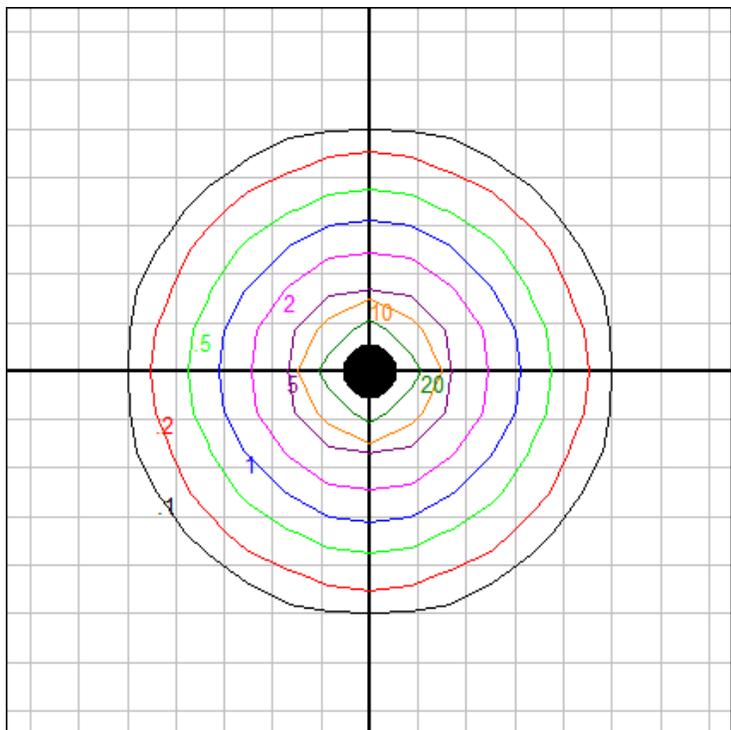


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	6236.806
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	17.1
Vertical Beam Angle (50%)	17.1
Horizontal Field Angle (10%)	36.7
Vertical Field Angle (10%)	36.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	320
Beam Efficiency	N.A.
Field Lumens	641
Field Efficiency	N.A.
Spill Lumens	283
Luminaire Lumens	924
Total Efficiency	N.A.
Total Luminaire Watts	12
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	384.51
10-20	303.81
20-30	139.22
30-40	69.61
40-50	23.45
50-60	5.47
60-70	0.57
70-80	0.01
80-90	0.00
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: 10 ft.

Grid Spacing: 2 ft.

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

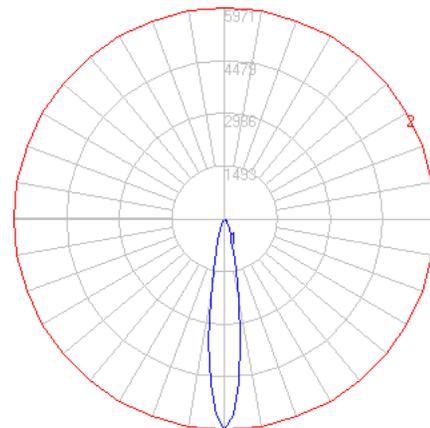
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2022

3/15/2022

BEGA

File: 24399K27_BEGA_IES.ies

TEST: BE_24399K4
 TEST LAB: BEGA
 DATE: 7/8/2019
 LUMINAIRE: 24 399K27
 LAMP: 8.0W LED

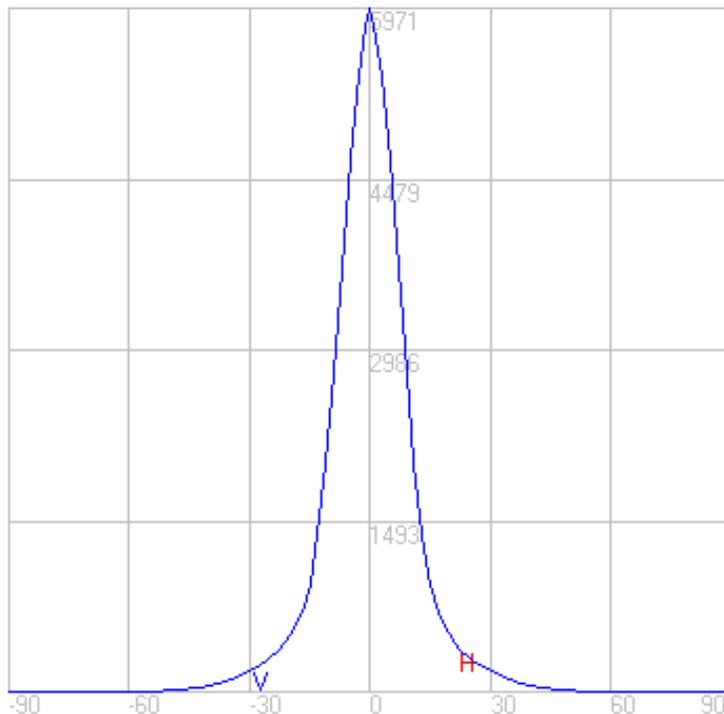
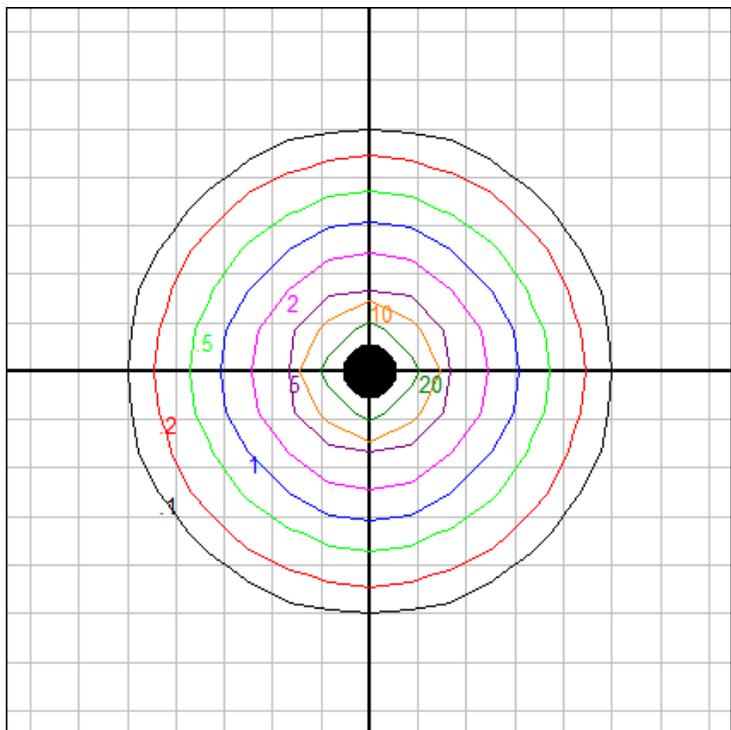


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	5971.41
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	17.1
Vertical Beam Angle (50%)	17.1
Horizontal Field Angle (10%)	36.7
Vertical Field Angle (10%)	36.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	306
Beam Efficiency	N.A.
Field Lumens	614
Field Efficiency	N.A.
Spill Lumens	271
Luminaire Lumens	884
Total Efficiency	N.A.
Total Luminaire Watts	12
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	368.15
10-20	290.88
20-30	133.29
30-40	66.64
40-50	22.45
50-60	5.24
60-70	0.55
70-80	0.01
80-90	0.00
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: 10 ft.

Grid Spacing: 2 ft.

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

BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2022

3/15/2022