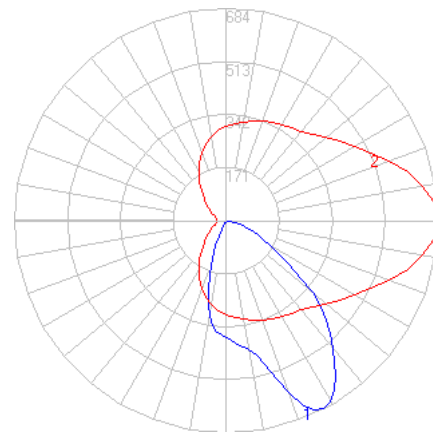


BEGA

File: 24299K4_BEGA_IES.ies

TEST: BE_24299K4
TEST LAB: BEGA
DATE: 6/12/2019
LUMINAIRE: 24 299K4
LAMP: 8.5W LED

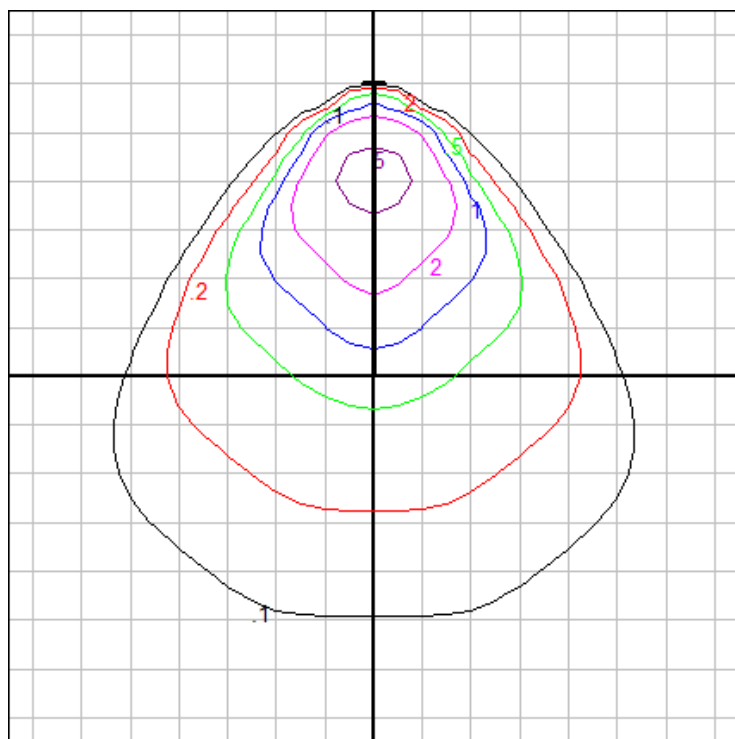


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	678.261
Maximum Candela Angle	0 H 29 V
Horizontal Beam Angle (50%)	56.3
Vertical Beam Angle (50%)	58.5
Horizontal Field Angle (10%)	86.0
Vertical Field Angle (10%)	95.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	349
Beam Efficiency	N.A.
Field Lumens	581
Field Efficiency	N.A.
Spill Lumens	41
Luminaire Lumens	622
Total Efficiency	N.A.
Total Luminaire Watts	10
Ballast Factor	1.00

Zonal Lumen Summary

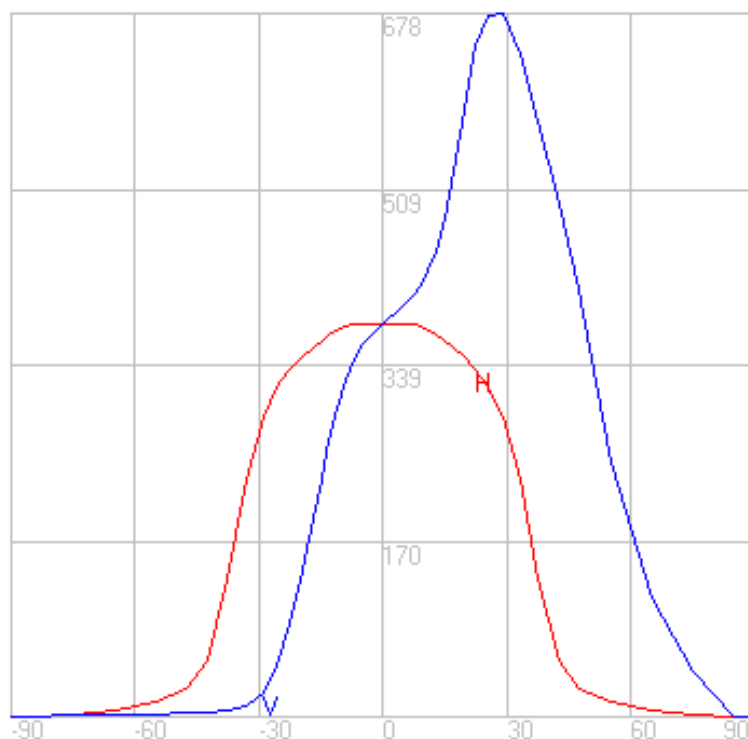
Zone	Lumens
0-10	36.14
10-20	101.99
20-30	141.08
30-40	139.56
40-50	108.79
50-60	57.03
60-70	25.55
70-80	8.43
80-90	0.94
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Isofootcandle grid on wall

Setback: 5 ft.

Grid Spacing: 2.5 ft.



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

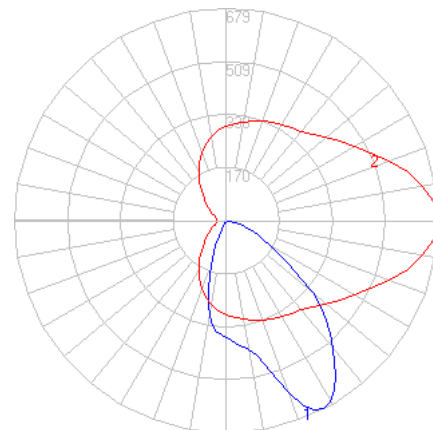
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2023

9/5/2023

BEGA

File: 24299K35_BEGA_IES.ies

TEST: BE_24299K4
TEST LAB: BEGA
DATE: 6/12/2019
LUMINAIRE: 24 299K35
LAMP: 8.5W LED

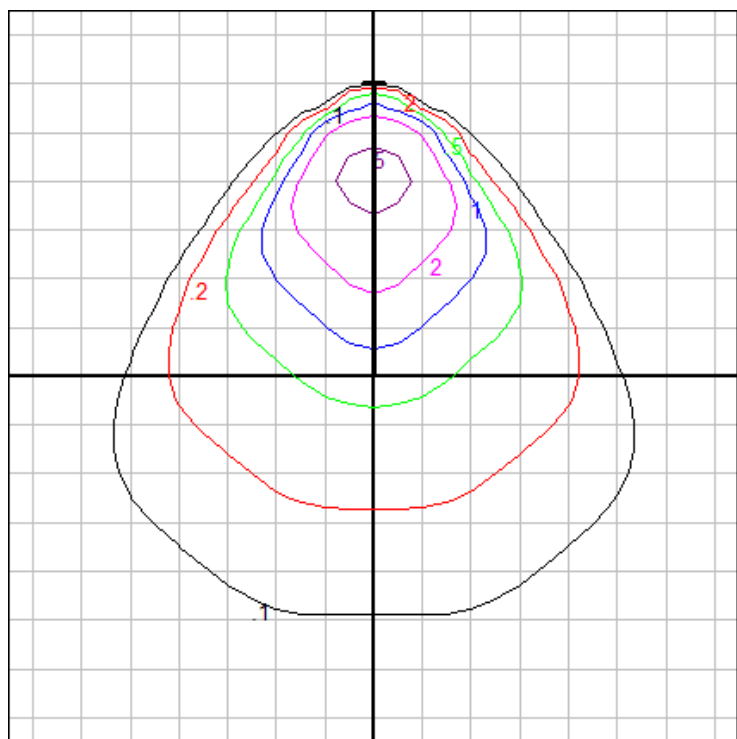


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	672.655
Maximum Candela Angle	0 H 29 V
Horizontal Beam Angle (50%)	56.3
Vertical Beam Angle (50%)	58.5
Horizontal Field Angle (10%)	86.0
Vertical Field Angle (10%)	95.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	346
Beam Efficiency	N.A.
Field Lumens	576
Field Efficiency	N.A.
Spill Lumens	41
Luminaire Lumens	617
Total Efficiency	N.A.
Total Luminaire Watts	10
Ballast Factor	1.00

Zonal Lumen Summary

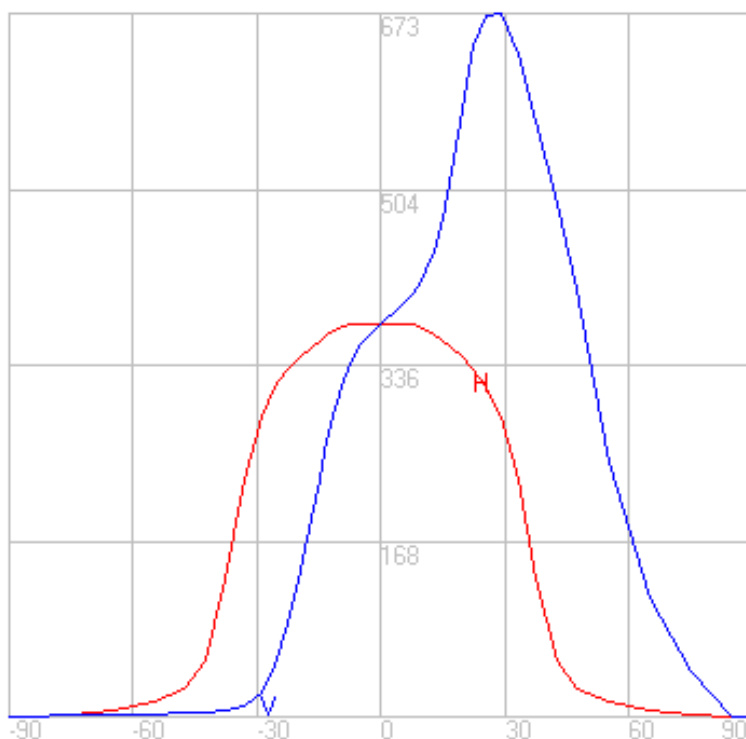
Zone	Lumens
0-10	35.84
10-20	101.15
20-30	139.91
30-40	138.40
40-50	107.89
50-60	56.56
60-70	25.34
70-80	8.36
80-90	0.93
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Isofootcandle grid on wall

Setback: 5 ft.

Grid Spacing: 2.5 ft.



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

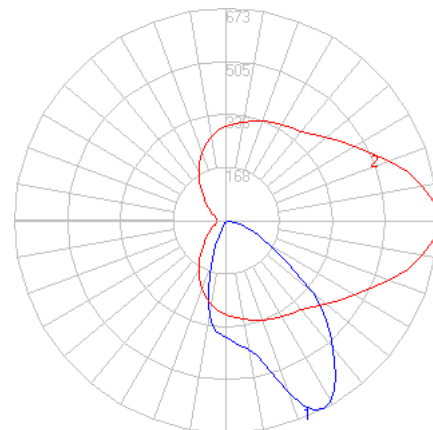
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2023

9/5/2023

BEGA

File: 24299K3_BEGA_IES.ies

TEST: BE_24299K4
TEST LAB: BEGA
DATE: 6/12/2019
LUMINAIRE: 24 299K3
LAMP: 8.5W LED

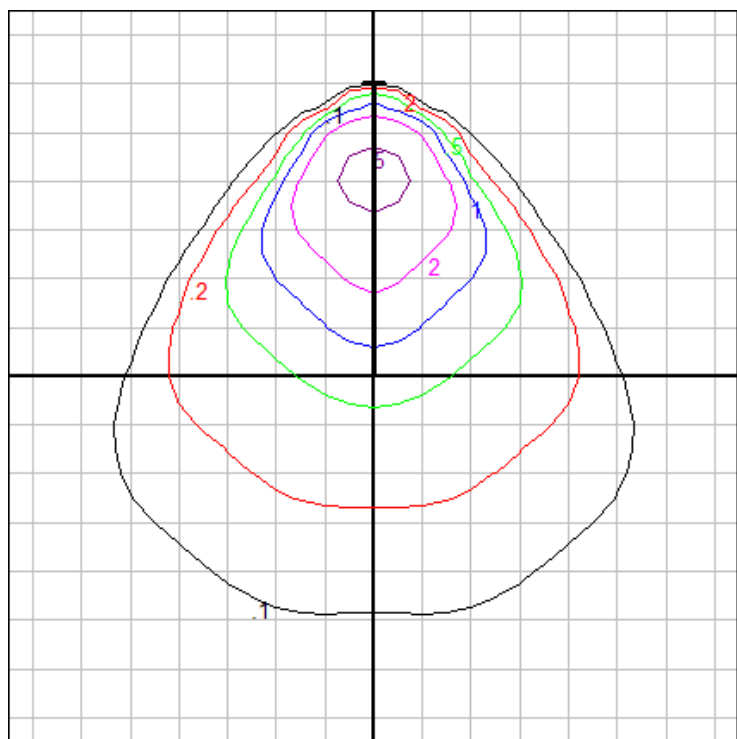


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	667.049
Maximum Candela Angle	0 H 29 V
Horizontal Beam Angle (50%)	56.3
Vertical Beam Angle (50%)	58.5
Horizontal Field Angle (10%)	86.0
Vertical Field Angle (10%)	95.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	343
Beam Efficiency	N.A.
Field Lumens	572
Field Efficiency	N.A.
Spill Lumens	40
Luminaire Lumens	612
Total Efficiency	N.A.
Total Luminaire Watts	10
Ballast Factor	1.00

Zonal Lumen Summary

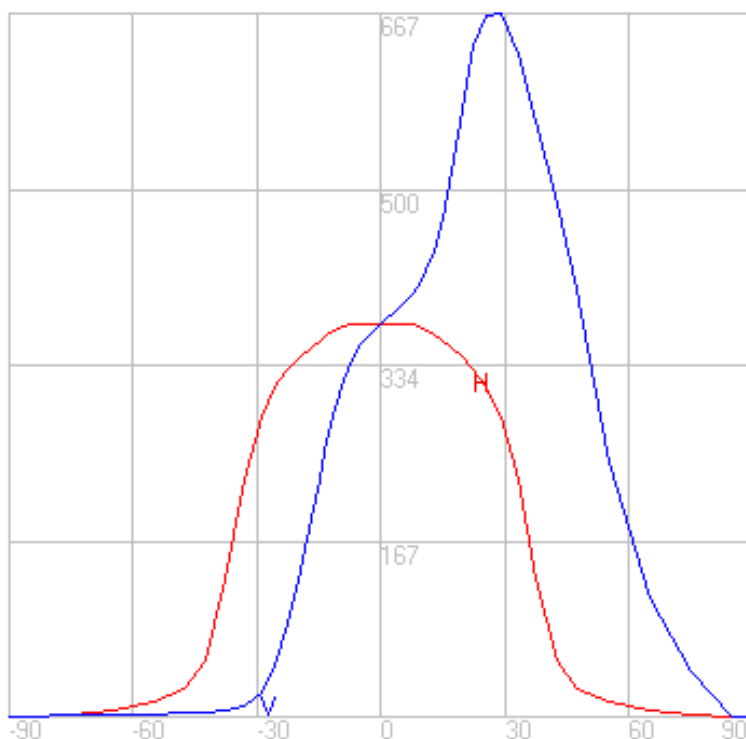
Zone	Lumens
0-10	35.54
10-20	100.31
20-30	138.74
30-40	137.25
40-50	107.00
50-60	56.09
60-70	25.13
70-80	8.29
80-90	0.92
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Isofootcandle grid on wall

Setback: 5 ft.

Grid Spacing: 2.5 ft.



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

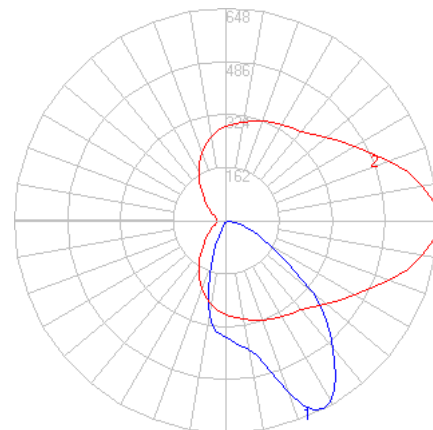
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2023

9/5/2023

BEGA

File: 24299K27_BEGA_IES.ies

TEST: BE_24299K4
TEST LAB: BEGA
DATE: 6/12/2019
LUMINAIRE: 24 299K27
LAMP: 8.5W LED

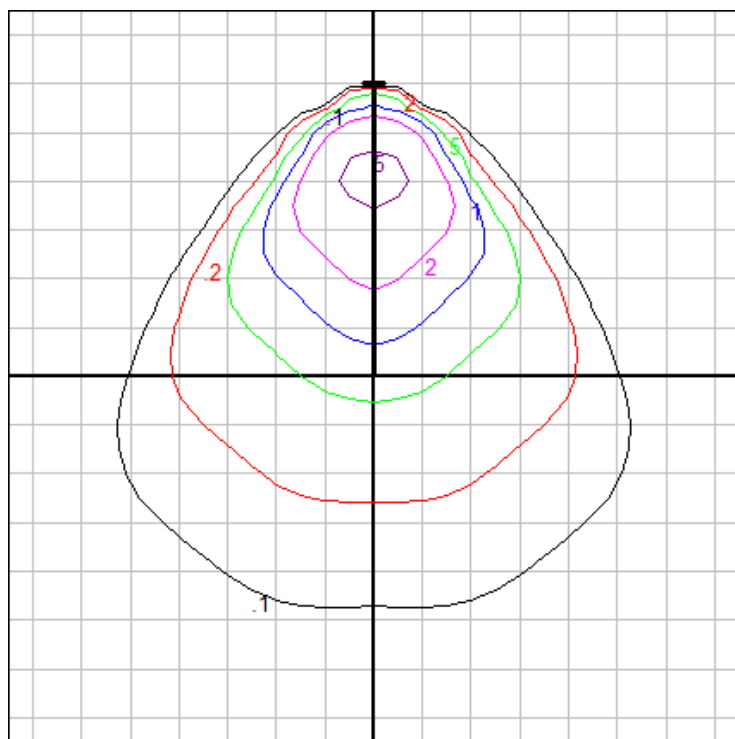


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	642.226
Maximum Candela Angle	0 H 29 V
Horizontal Beam Angle (50%)	56.3
Vertical Beam Angle (50%)	58.5
Horizontal Field Angle (10%)	86.0
Vertical Field Angle (10%)	95.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	330
Beam Efficiency	N.A.
Field Lumens	550
Field Efficiency	N.A.
Spill Lumens	39
Luminaire Lumens	589
Total Efficiency	N.A.
Total Luminaire Watts	10
Ballast Factor	1.00

Zonal Lumen Summary

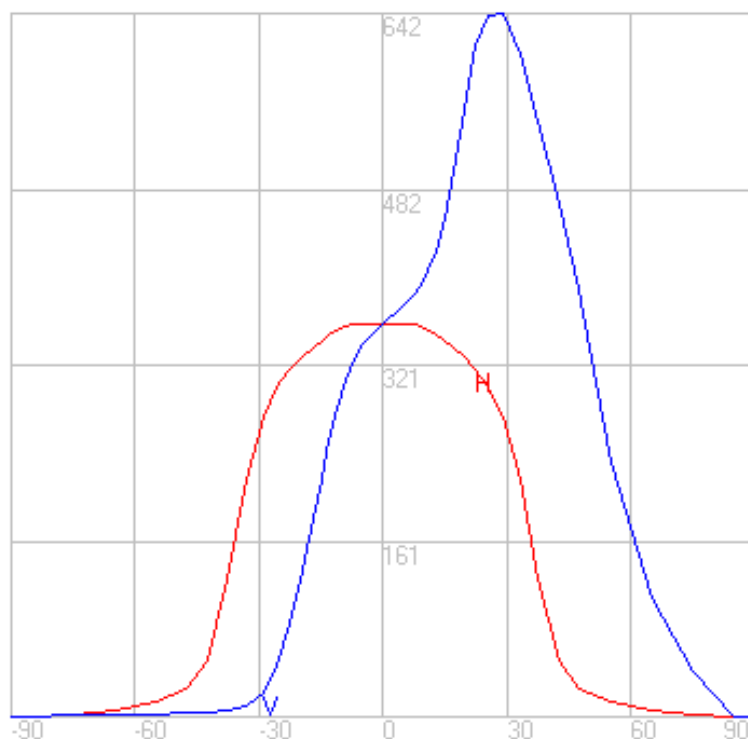
Zone	Lumens
0-10	34.22
10-20	96.57
20-30	133.58
30-40	132.14
40-50	103.01
50-60	54.00
60-70	24.20
70-80	7.98
80-90	0.89
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Isofootcandle grid on wall

Setback: 5 ft.

Grid Spacing: 2.5 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 2023

9/5/2023