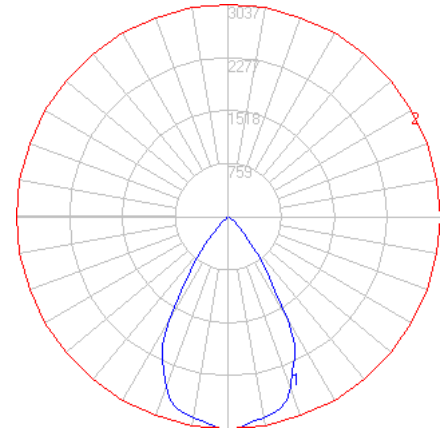


# BEGA

File: 24416K4\_BEGA\_IES.ies

TEST: BE\_24416K4  
TEST LAB: BEGA  
DATE: 7/12/2019  
LUMINAIRE: 24 416K4  
LAMP: 24.1W LED

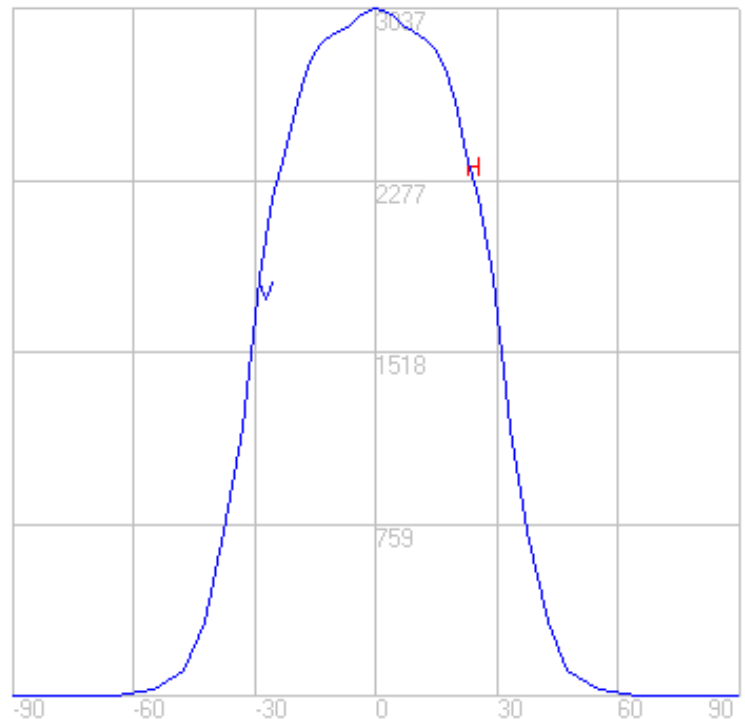
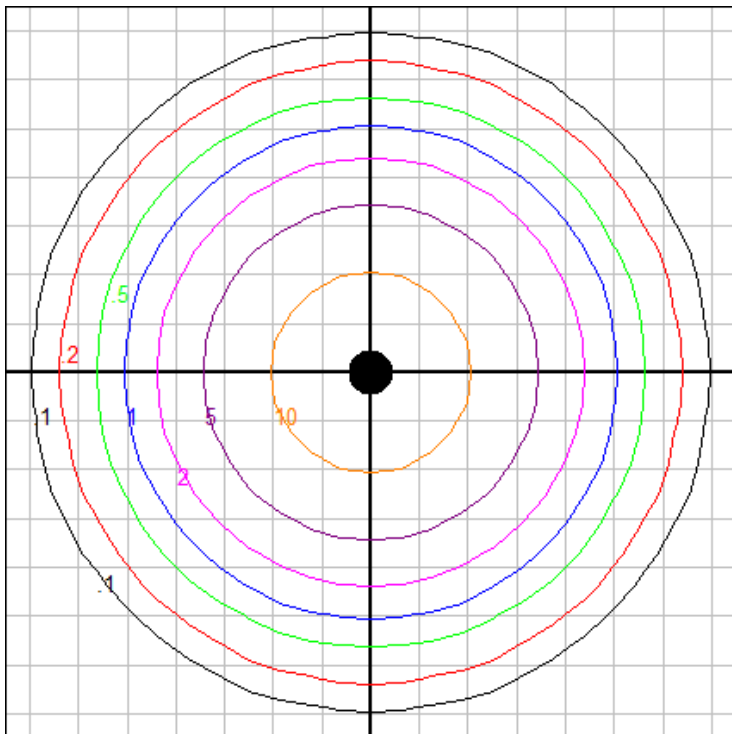


## Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	3036.5
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	62.0
Vertical Beam Angle (50%)	62.0
Horizontal Field Angle (10%)	85.9
Vertical Field Angle (10%)	85.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2104
Beam Efficiency	N.A.
Field Lumens	2793
Field Efficiency	N.A.
Spill Lumens	127
Luminaire Lumens	2920
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

## Zonal Lumen Summary

Zone	Lumens
0-10	283.14
10-20	794.20
20-30	1013.4
30-40	619.65
40-50	173.24
50-60	25.12
60-70	2.40
70-80	0.00
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: 15 ft.

Grid Spacing: 2.5 ft.

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

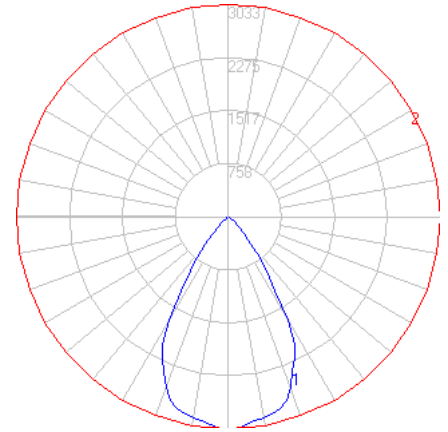
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2022

3/22/2022

# BEGA

File: 24416K35\_BEGA\_IES.ies

TEST: BE\_24416K4  
TEST LAB: BEGA  
DATE: 7/12/2019  
LUMINAIRE: 24 416K35  
LAMP: 24.1W LED

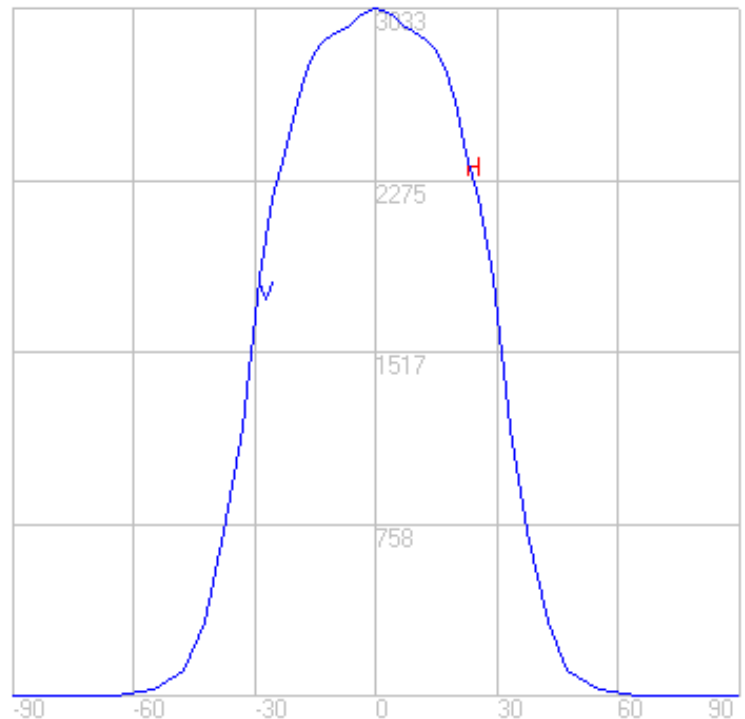
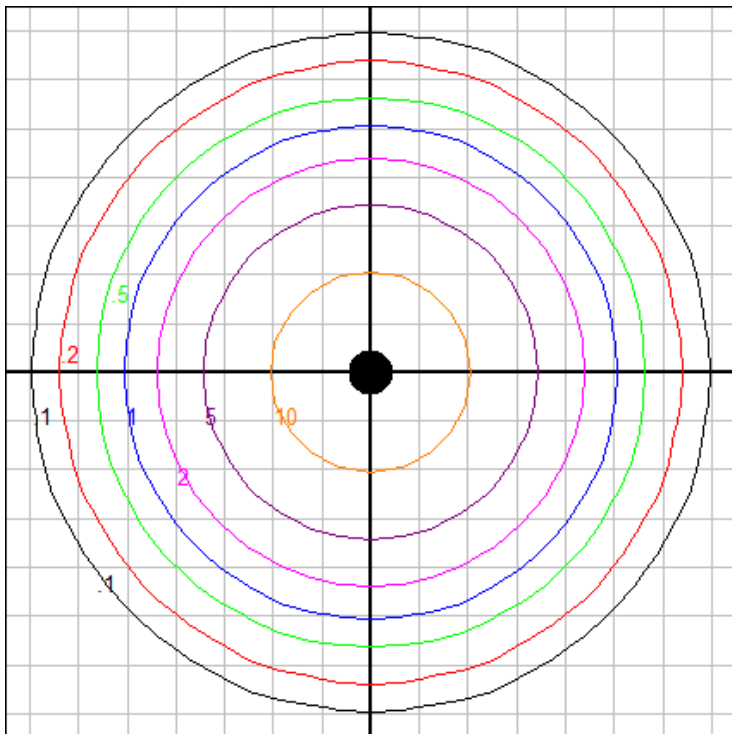


## Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	3033.464
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	62.0
Vertical Beam Angle (50%)	62.0
Horizontal Field Angle (10%)	85.9
Vertical Field Angle (10%)	85.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2102
Beam Efficiency	N.A.
Field Lumens	2791
Field Efficiency	N.A.
Spill Lumens	127
Luminaire Lumens	2918
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

## Zonal Lumen Summary

Zone	Lumens
0-10	282.86
10-20	793.41
20-30	1012.39
30-40	619.03
40-50	173.07
50-60	25.10
60-70	2.39
70-80	0.00
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: 15 ft.

Grid Spacing: 2.5 ft.

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

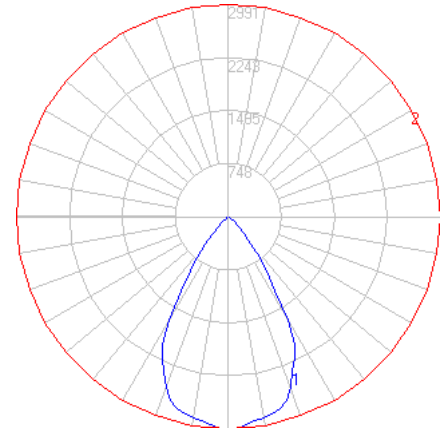
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2022

3/22/2022

# BEGA

File: 24416K3\_BEGA\_IES.ies

TEST: BE\_24416K4  
TEST LAB: BEGA  
DATE: 7/12/2019  
LUMINAIRE: 24 416K3  
LAMP: 24.1W LED

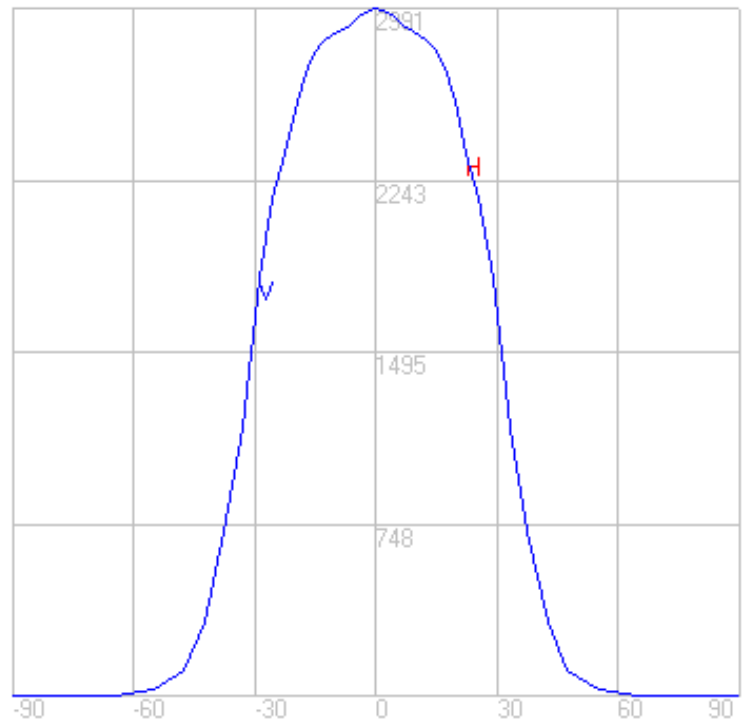
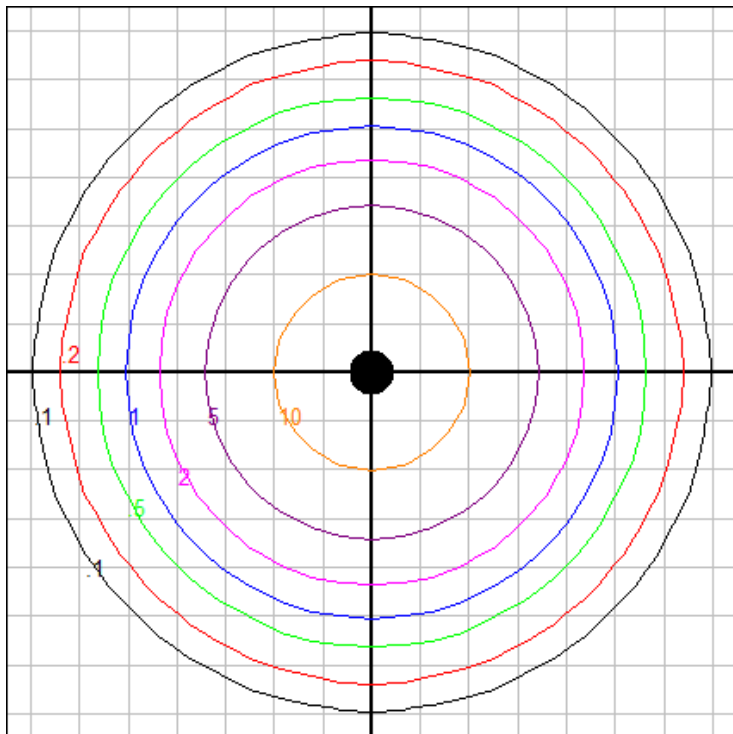


## Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	2990.953
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	62.0
Vertical Beam Angle (50%)	62.0
Horizontal Field Angle (10%)	85.9
Vertical Field Angle (10%)	85.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2072
Beam Efficiency	N.A.
Field Lumens	2752
Field Efficiency	N.A.
Spill Lumens	125
Luminaire Lumens	2877
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

## Zonal Lumen Summary

Zone	Lumens
0-10	278.89
10-20	782.29
20-30	998.20
30-40	610.36
40-50	170.65
50-60	24.75
60-70	2.36
70-80	0.00
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: 15 ft.

Grid Spacing: 2.5 ft.

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

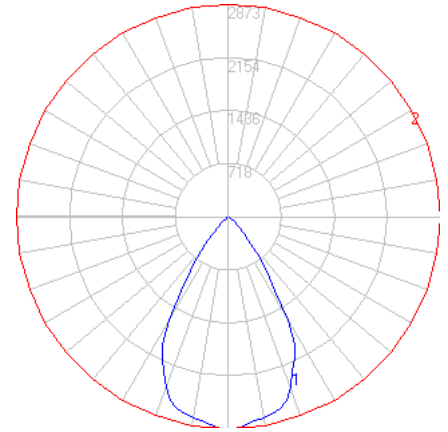
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2022

3/22/2022

# BEGA

File: 24416K27\_BEGA\_IES.ies

TEST: BE\_24416K4  
TEST LAB: BEGA  
DATE: 7/12/2019  
LUMINAIRE: 24 416K27  
LAMP: 24.1W LED

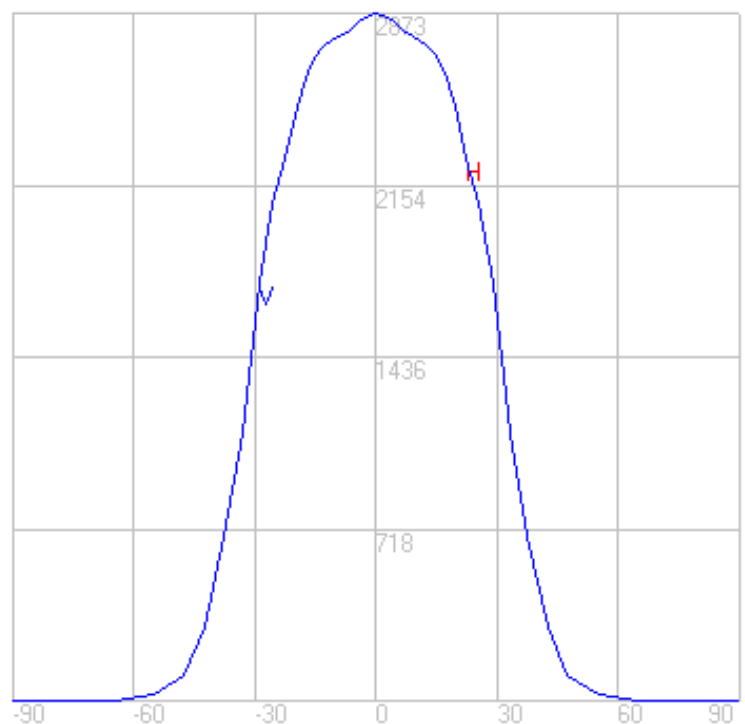
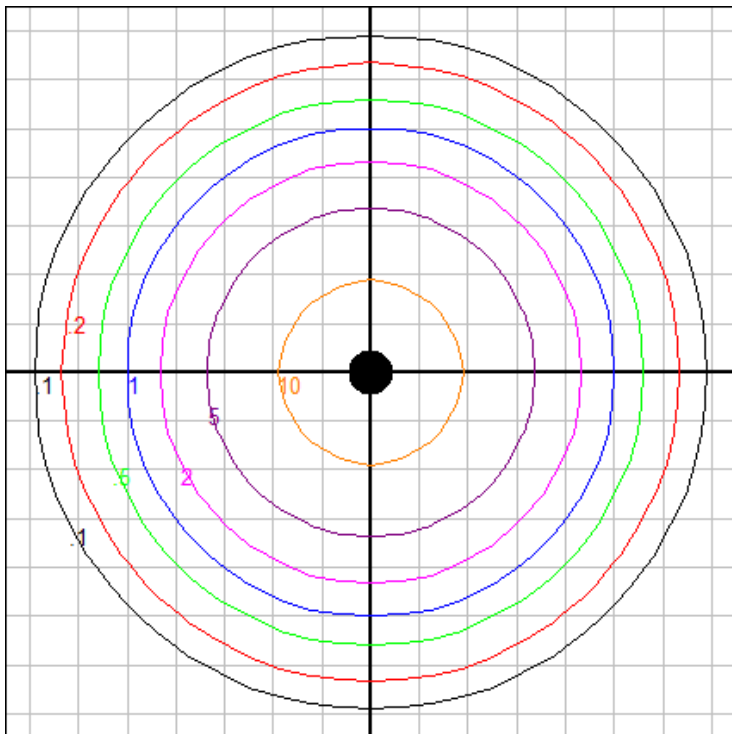


## Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	2872.529
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	62.0
Vertical Beam Angle (50%)	62.0
Horizontal Field Angle (10%)	85.9
Vertical Field Angle (10%)	85.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1990
Beam Efficiency	N.A.
Field Lumens	2643
Field Efficiency	N.A.
Spill Lumens	120
Luminaire Lumens	2763
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

## Zonal Lumen Summary

Zone	Lumens
0-10	267.85
10-20	751.32
20-30	958.68
30-40	586.19
40-50	163.89
50-60	23.77
60-70	2.27
70-80	0.00
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: 15 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 2022

3/22/2022