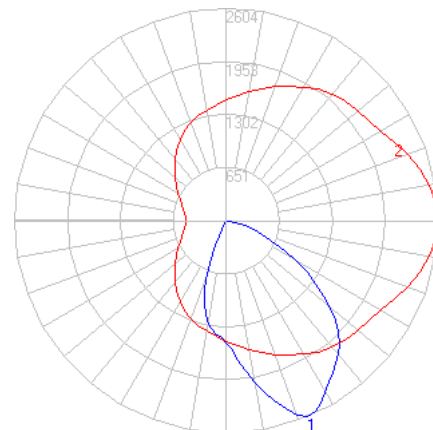


# BEGA

File: 24428K4\_BEGA\_IES.ies

TEST: BE\_24428K4  
 TEST LAB: BEGA  
 DATE: 11/9/2019  
 LUMINAIRE: 24 428K4  
 LAMP: 25.0W LED

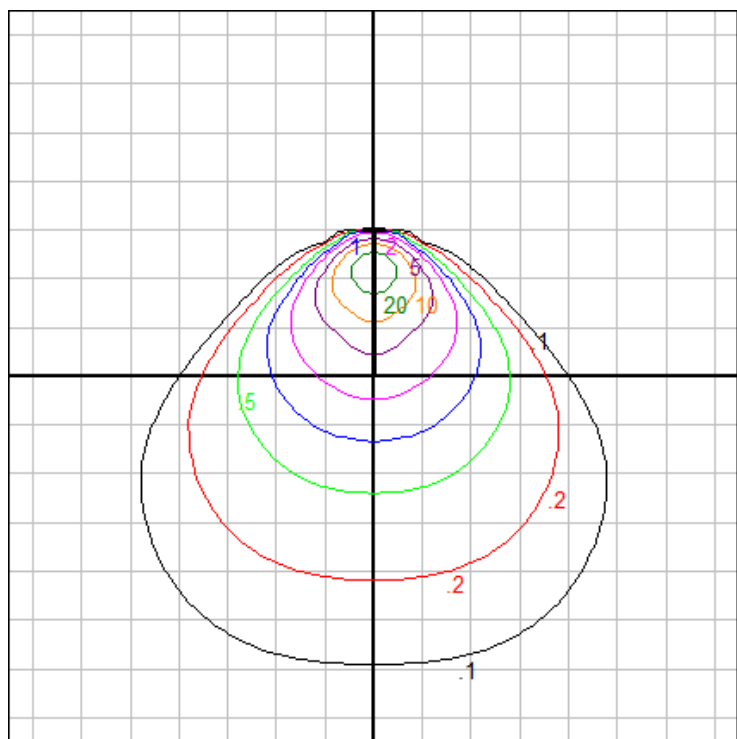


## Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	2603.8
Maximum Candela Angle	0 H 22.5 V
Horizontal Beam Angle (50%)	68.5
Vertical Beam Angle (50%)	65.1
Horizontal Field Angle (10%)	106.4
Vertical Field Angle (10%)	101.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1934
Beam Efficiency	N.A.
Field Lumens	2997
Field Efficiency	N.A.
Spill Lumens	127
Luminaire Lumens	3124
Total Efficiency	N.A.
Total Luminaire Watts	29
Ballast Factor	1.00

## Zonal Lumen Summary

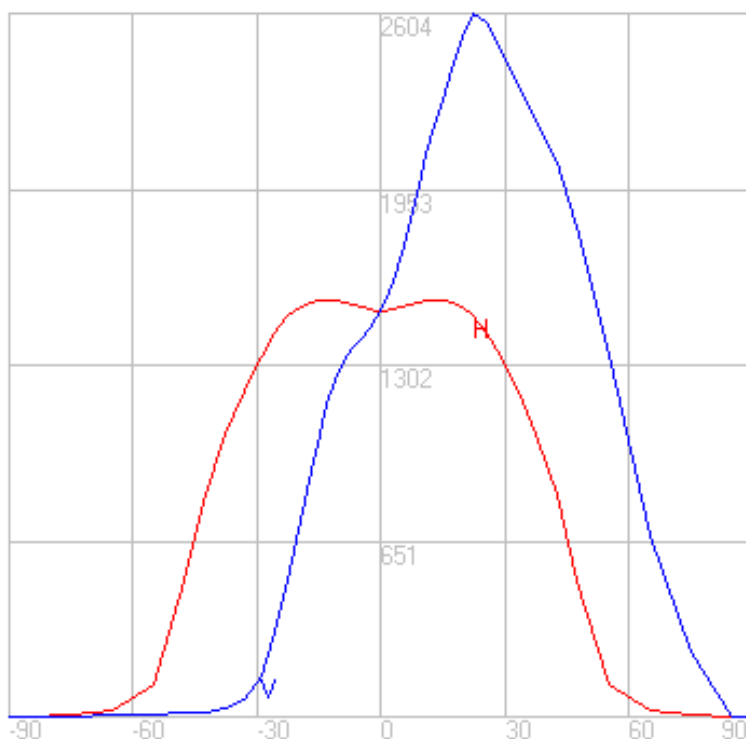
Zone	Lumens
0-10	148.98
10-20	454.51
20-30	643.44
30-40	663.93
40-50	588.31
50-60	379.86
60-70	173.92
70-80	55.43
80-90	3.16
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Isofootcandle grid on wall

Setback: 5 ft.

Grid Spacing: 5 ft.

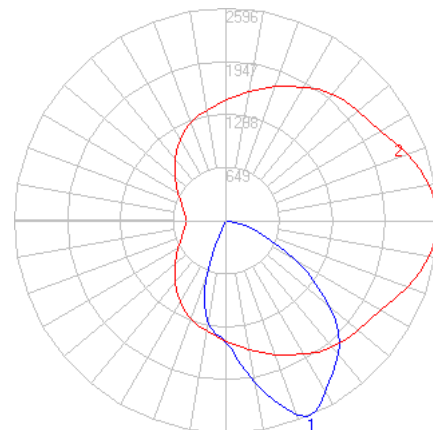
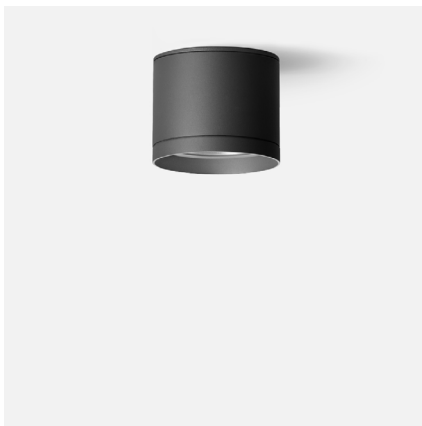


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

# BEGA

File: 24428K35\_BEGA\_IES.ies

TEST: BE\_24428K4  
 TEST LAB: BEGA  
 DATE: 11/9/2019  
 LUMINAIRE: 24 428K35  
 LAMP: 25.0W LED

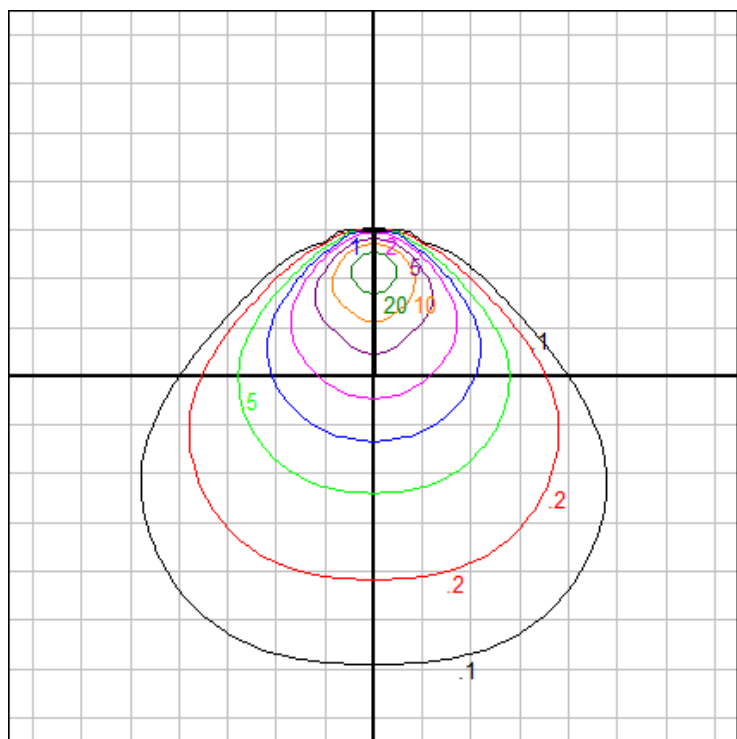


## Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	2595.989
Maximum Candela Angle	0 H 22.5 V
Horizontal Beam Angle (50%)	68.5
Vertical Beam Angle (50%)	65.1
Horizontal Field Angle (10%)	106.4
Vertical Field Angle (10%)	101.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1929
Beam Efficiency	N.A.
Field Lumens	2988
Field Efficiency	N.A.
Spill Lumens	127
Luminaire Lumens	3115
Total Efficiency	N.A.
Total Luminaire Watts	29
Ballast Factor	1.00

## Zonal Lumen Summary

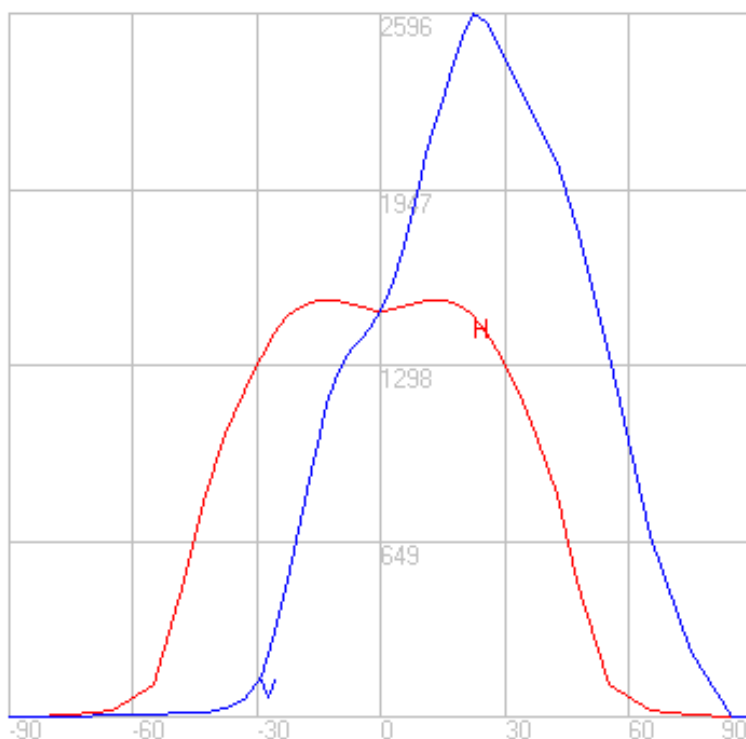
Zone	Lumens
0-10	148.53
10-20	453.14
20-30	641.51
30-40	661.93
40-50	586.54
50-60	378.72
60-70	173.40
70-80	55.26
80-90	3.15
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Isofootcandle grid on wall

Setback: 5 ft.

Grid Spacing: 5 ft.

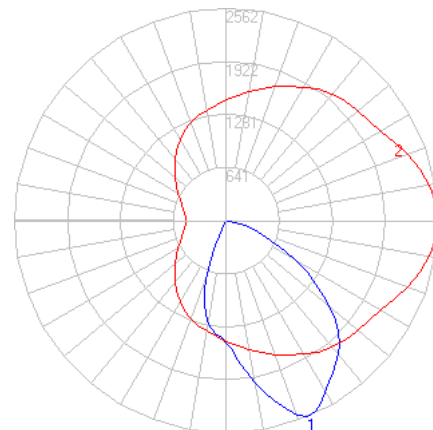
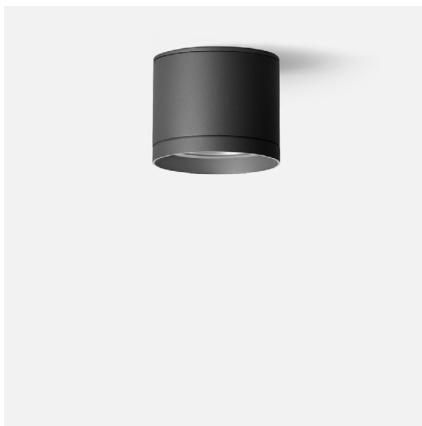


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

# BEGA

File: 24428K3\_BEGA\_IES.ies

TEST: BE\_24428K4  
 TEST LAB: BEGA  
 DATE: 11/9/2019  
 LUMINAIRE: 24 428K3  
 LAMP: 25.0W LED

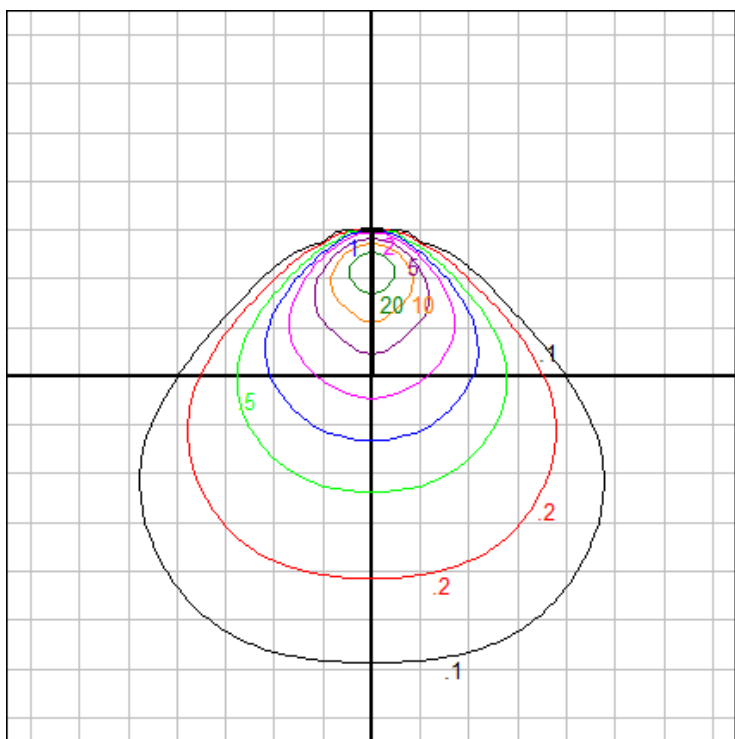


## Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	2562.139
Maximum Candela Angle	0 H 22.5 V
Horizontal Beam Angle (50%)	68.5
Vertical Beam Angle (50%)	65.1
Horizontal Field Angle (10%)	106.4
Vertical Field Angle (10%)	101.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1904
Beam Efficiency	N.A.
Field Lumens	2949
Field Efficiency	N.A.
Spill Lumens	125
Luminaire Lumens	3074
Total Efficiency	N.A.
Total Luminaire Watts	29
Ballast Factor	1.00

## Zonal Lumen Summary

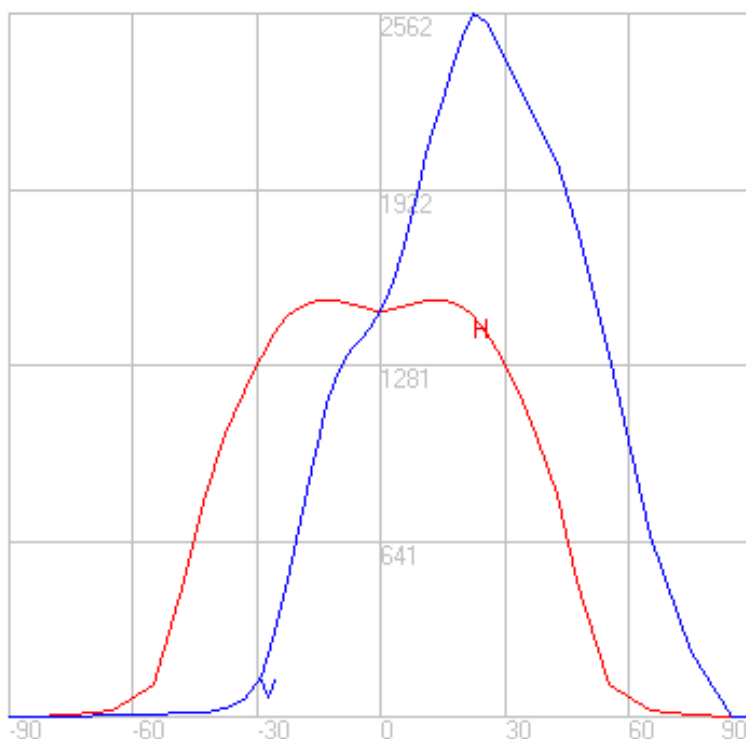
Zone	Lumens
0-10	146.60
10-20	447.24
20-30	633.14
30-40	653.30
40-50	578.89
50-60	373.78
60-70	171.14
70-80	54.54
80-90	3.11
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Isofootcandle grid on wall

Setback: 5 ft.

Grid Spacing: 5 ft.

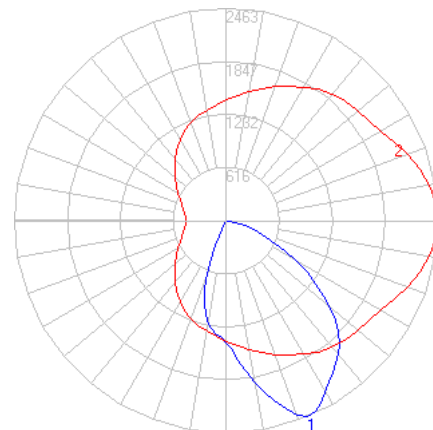


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

# BEGA

File: 24428K27\_BEGA\_IES.ies

TEST: BE\_24428K4  
 TEST LAB: BEGA  
 DATE: 11/9/2019  
 LUMINAIRE: 24 428K27  
 LAMP: 25.0W LED

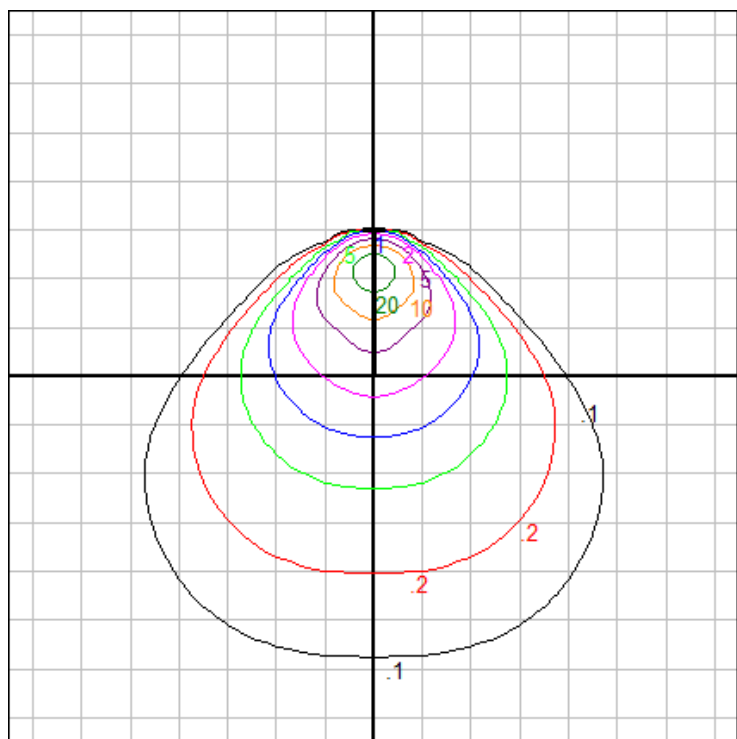


## Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	2463.195
Maximum Candela Angle	0 H 22.5 V
Horizontal Beam Angle (50%)	68.5
Vertical Beam Angle (50%)	65.1
Horizontal Field Angle (10%)	106.4
Vertical Field Angle (10%)	101.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1830
Beam Efficiency	N.A.
Field Lumens	2836
Field Efficiency	N.A.
Spill Lumens	120
Luminaire Lumens	2956
Total Efficiency	N.A.
Total Luminaire Watts	29
Ballast Factor	1.00

## Zonal Lumen Summary

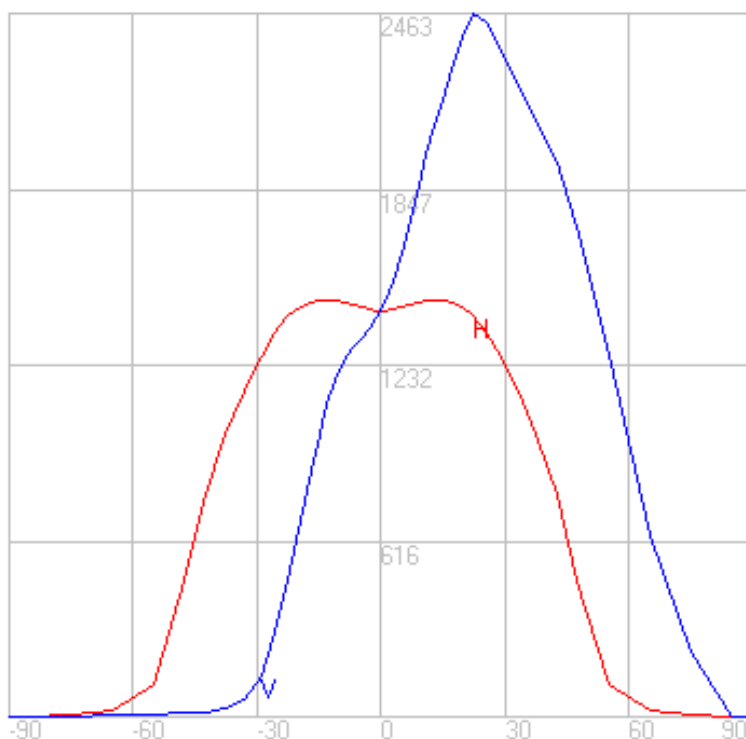
Zone	Lumens
0-10	140.93
10-20	429.96
20-30	608.69
30-40	628.07
40-50	556.54
50-60	359.34
60-70	164.53
70-80	52.44
80-90	2.99
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Isofootcandle grid on wall

Setback: 5 ft.

Grid Spacing: 5 ft.



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