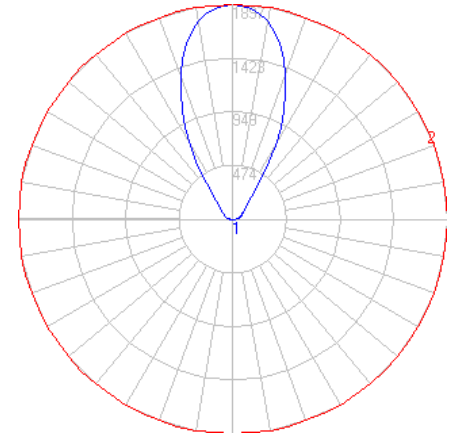


# BEGA

Photometric Filename: 84165K4.IES

TEST: BE\_84165K4  
 TEST LAB: BEGA  
 DATE: 9/10/2018  
 LUMINAIRE: 84 165K4  
 LAMP: 15.8W LED

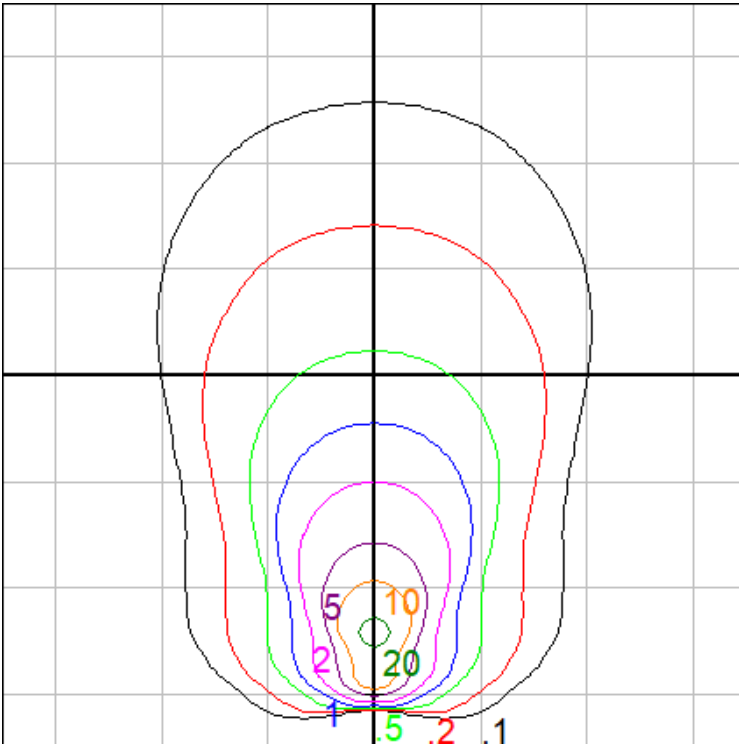


## Characteristics

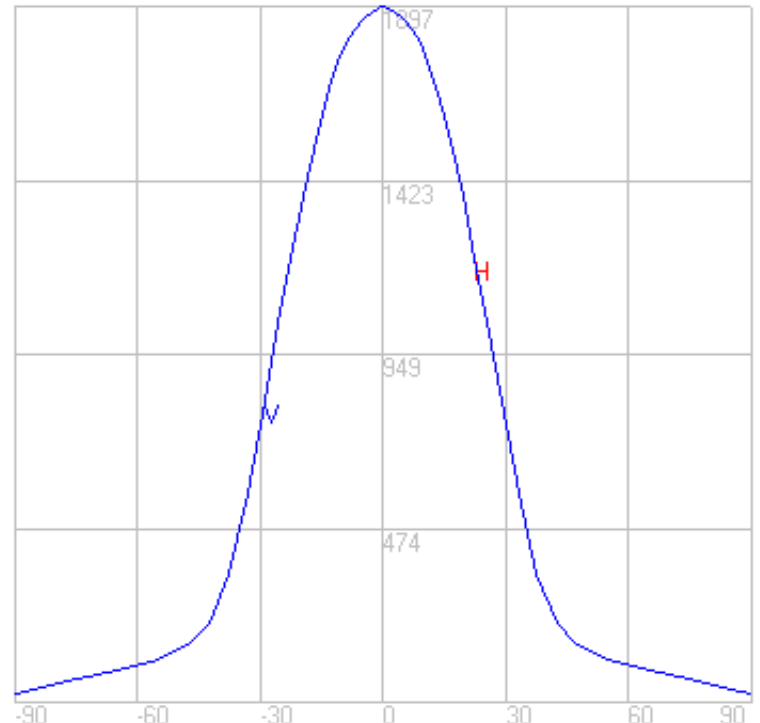
NEMA Type	5 H x 5 V
Maximum Candela	1897.4
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	53.9
Vertical Beam Angle (50%)	53.9
Horizontal Field Angle (10%)	89.3
Vertical Field Angle (10%)	89.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	984
Beam Efficiency	N.A.
Field Lumens	1557
Field Efficiency	N.A.
Spill Lumens	352
Luminaire Lumens	1908
Total Efficiency	N.A.
Total Luminaire Watts	18.5

## Zonal Lumen Summary

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.44
70-80	7.07
80-90	18.69
90-100	35.17
100-110	61.43
110-120	83.07
120-130	105.44
130-140	164.50
140-150	339.97
150-160	495.94
160-170	445.14
170-180	175.09



Fixture Setback = 2 ft      Grid Spacing = 6 ft.

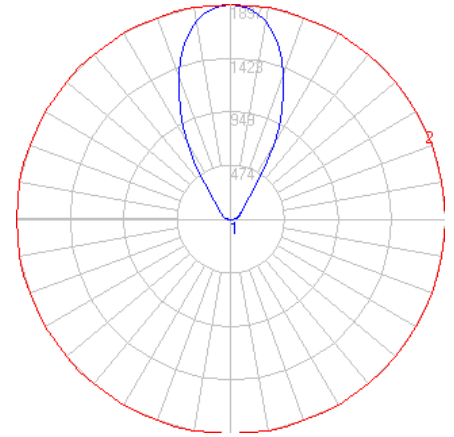


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

# BEGA

Photometric Filename: 84165K35.IES

TEST: BE\_84165K4  
 TEST LAB: BEGA  
 DATE: 9/10/2018  
 LUMINAIRE: 84 165K35  
 LAMP: 15.8W LED

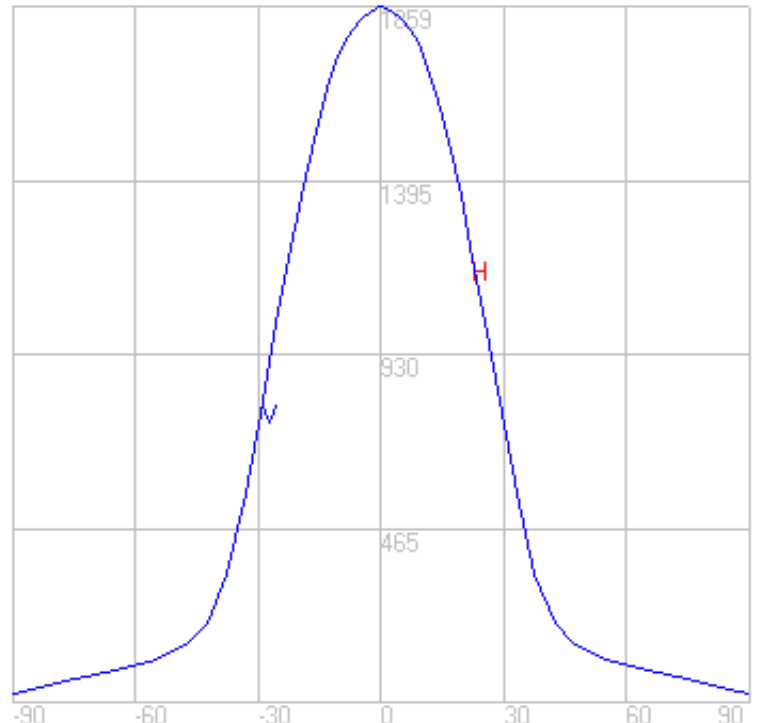
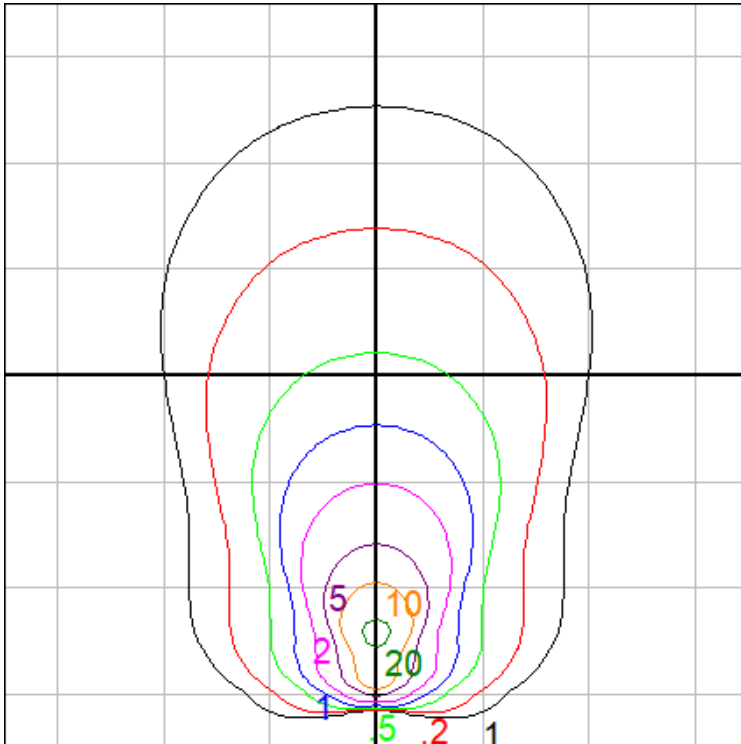


## Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1859.452
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	53.9
Vertical Beam Angle (50%)	53.9
Horizontal Field Angle (10%)	89.3
Vertical Field Angle (10%)	89.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	964
Beam Efficiency	N.A.
Field Lumens	1526
Field Efficiency	N.A.
Spill Lumens	344
Luminaire Lumens	1870
Total Efficiency	N.A.
Total Luminaire Watts	18.5

## Zonal Lumen Summary

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.43
70-80	6.93
80-90	18.32
90-100	34.47
100-110	60.20
110-120	81.41
120-130	103.33
130-140	161.21
140-150	333.17
150-160	486.02
160-170	436.24
170-180	171.59



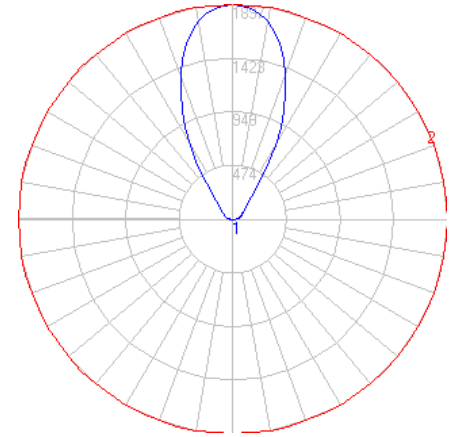
Fixture Setback = 2 ft Grid Spacing = 6 ft.

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

# BEGA

Photometric Filename: 84165K3.IES

TEST: BE\_84165K4  
 TEST LAB: BEGA  
 DATE: 9/10/2018  
 LUMINAIRE: 84 165K3  
 LAMP: 15.8W LED

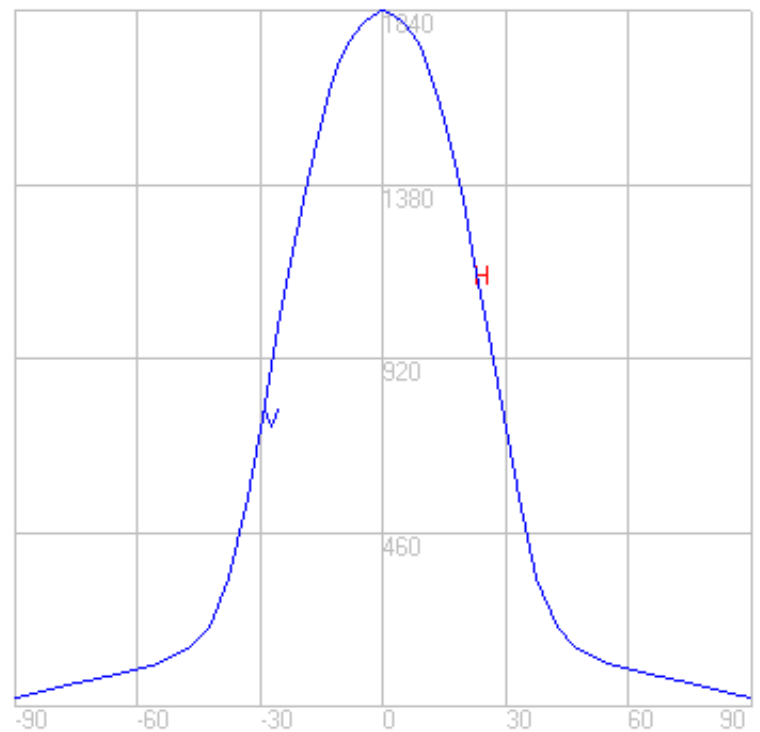
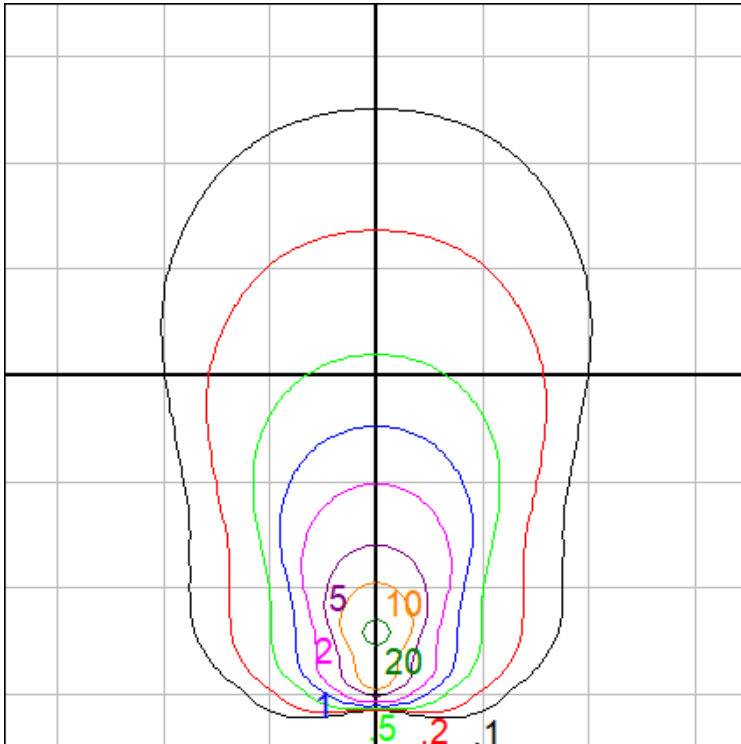


## Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1840.478
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	53.9
Vertical Beam Angle (50%)	53.9
Horizontal Field Angle (10%)	89.3
Vertical Field Angle (10%)	89.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	954
Beam Efficiency	N.A.
Field Lumens	1510
Field Efficiency	N.A.
Spill Lumens	341
Luminaire Lumens	1851
Total Efficiency	N.A.
Total Luminaire Watts	18.5

## Zonal Lumen Summary

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.43
70-80	6.86
80-90	18.13
90-100	34.11
100-110	59.59
110-120	80.58
120-130	102.27
130-140	159.57
140-150	329.77
150-160	481.06
160-170	431.78
170-180	169.84



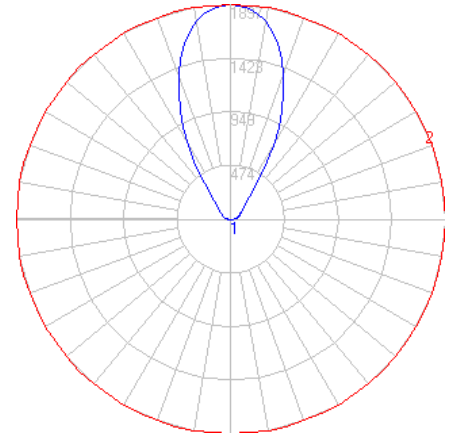
Fixture Setback = 2 ft      Grid Spacing = 6 ft.

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

# BEGA

Photometric Filename: 84165K27.IES

TEST: BE\_84165K4  
 TEST LAB: BEGA  
 DATE: 9/10/2018  
 LUMINAIRE: 84 165K27  
 LAMP: 15.8W LED

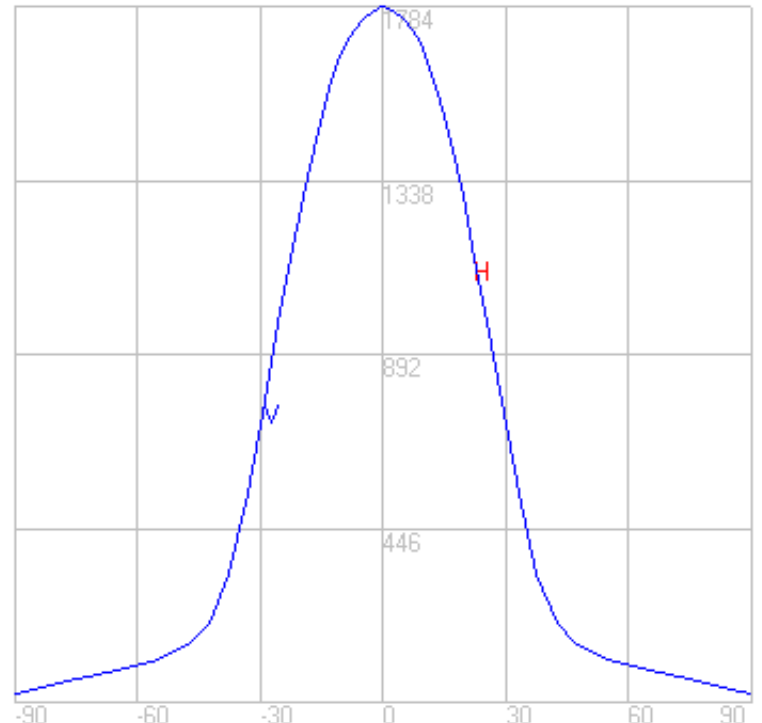
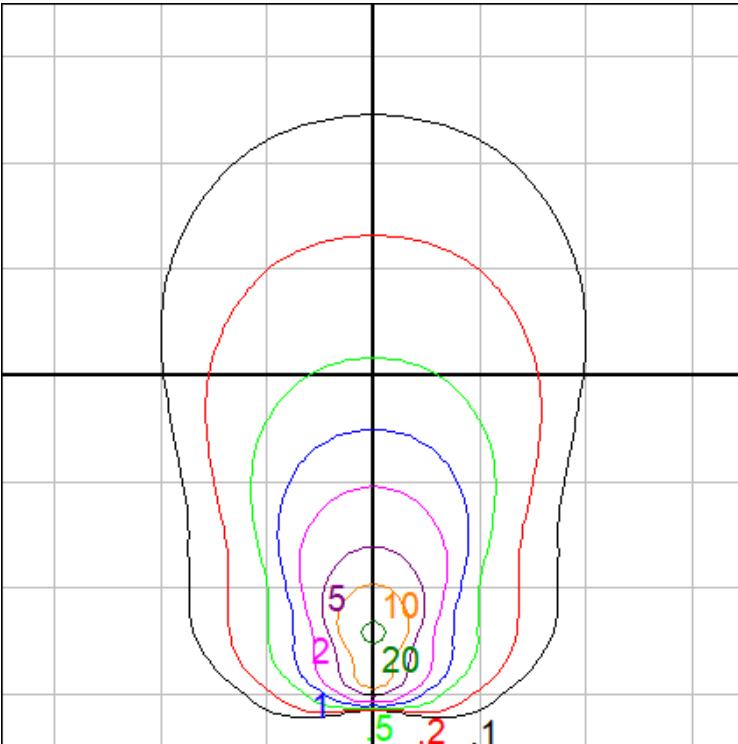


**Characteristics**

NEMA Type	5 H x 5 V
Maximum Candela	1783.556
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	53.9
Vertical Beam Angle (50%)	53.9
Horizontal Field Angle (10%)	89.3
Vertical Field Angle (10%)	89.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	925
Beam Efficiency	N.A.
Field Lumens	1463
Field Efficiency	N.A.
Spill Lumens	330
Luminaire Lumens	1794
Total Efficiency	N.A.
Total Luminaire Watts	18.5

**Zonal Lumen Summary**

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.42
70-80	6.64
80-90	17.57
90-100	33.06
100-110	57.75
110-120	78.09
120-130	99.11
130-140	154.63
140-150	319.57
150-160	466.19
160-170	418.43
170-180	164.58



Fixture Setback = 2 ft      Grid Spacing = 6 ft.

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