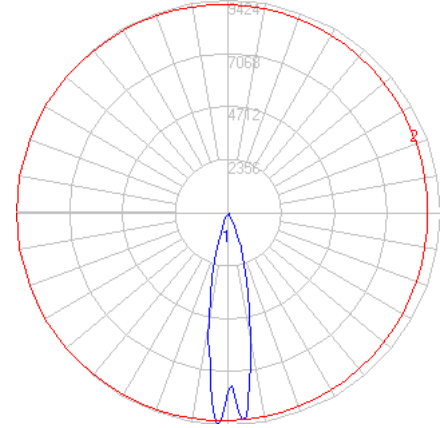


# BEGA

File: 84301K4\_BEGA\_IES.ies

TEST: L092112301  
 TEST LAB: LIGHT LABORATORY, INC.  
 DATE: 10/3/2021  
 LUMINAIRE: 84 301K4  
 LAMP: 16.7W LED

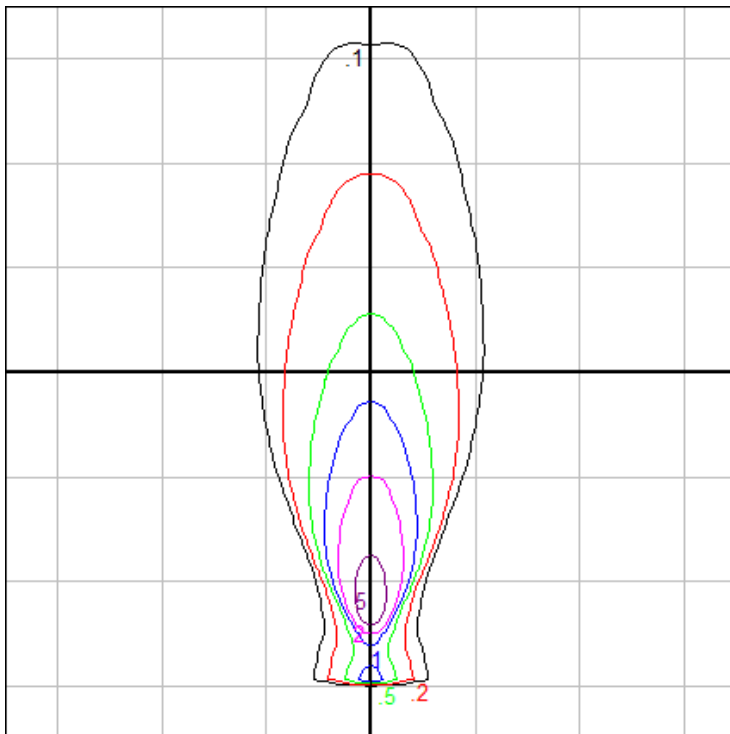


## Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	9424
Maximum Candela Angle	0 H -3 V
Horizontal Beam Angle (50%)	20.8
Vertical Beam Angle (50%)	22.2
Horizontal Field Angle (10%)	43.5
Vertical Field Angle (10%)	44.0
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	792
Beam Efficiency	N.A.
Field Lumens	1587
Field Efficiency	N.A.
Spill Lumens	204
Luminaire Lumens	1791
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

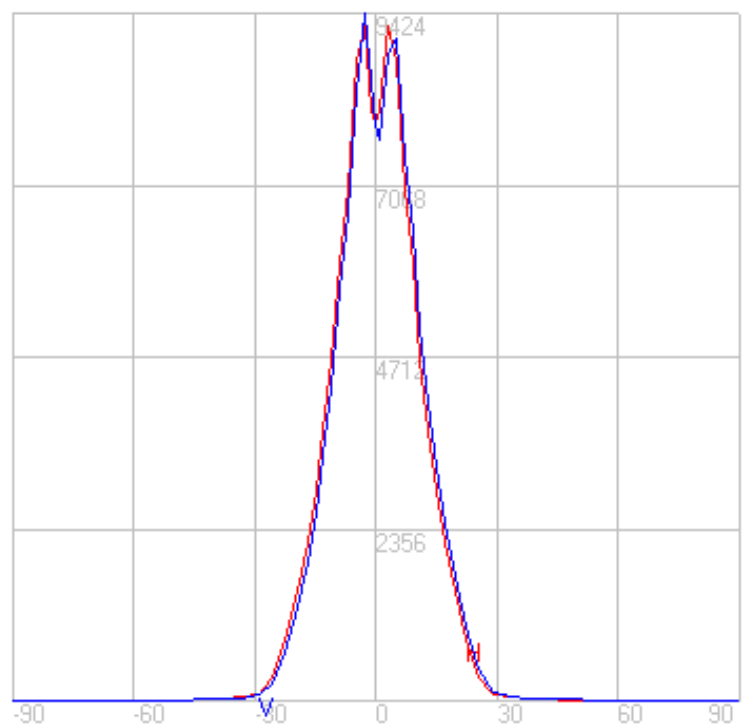
## Zonal Lumen Summary

Zone	Lumens
0-10	698.18
10-20	799.65
20-30	219.37
30-40	23.04
40-50	12.25
50-60	10.75
60-70	9.92
70-80	9.52
80-90	7.36
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



Setback Distance: 2.5 ft.

Grid Spacing: 10 ft.



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

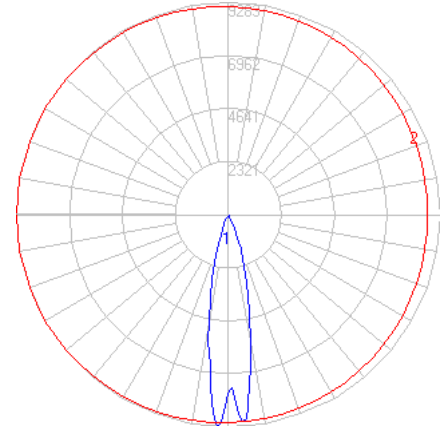
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# BEGA

File: 84301K35\_BEGA\_IES.ies

TEST: L092112301  
TEST LAB: LIGHT LABORATORY, INC.  
DATE: 10/3/2021  
LUMINAIRE: 84 301K35  
LAMP: 16.7W LED

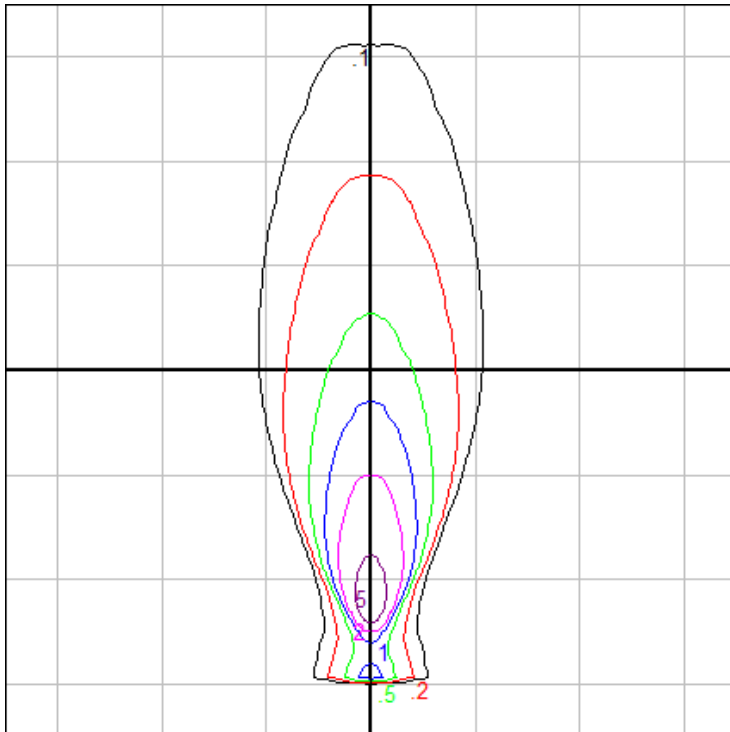


## Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	9282.64
Maximum Candela Angle	0 H -3 V
Horizontal Beam Angle (50%)	20.8
Vertical Beam Angle (50%)	22.2
Horizontal Field Angle (10%)	43.5
Vertical Field Angle (10%)	44.0
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	780
Beam Efficiency	N.A.
Field Lumens	1563
Field Efficiency	N.A.
Spill Lumens	201
Luminaire Lumens	1765
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

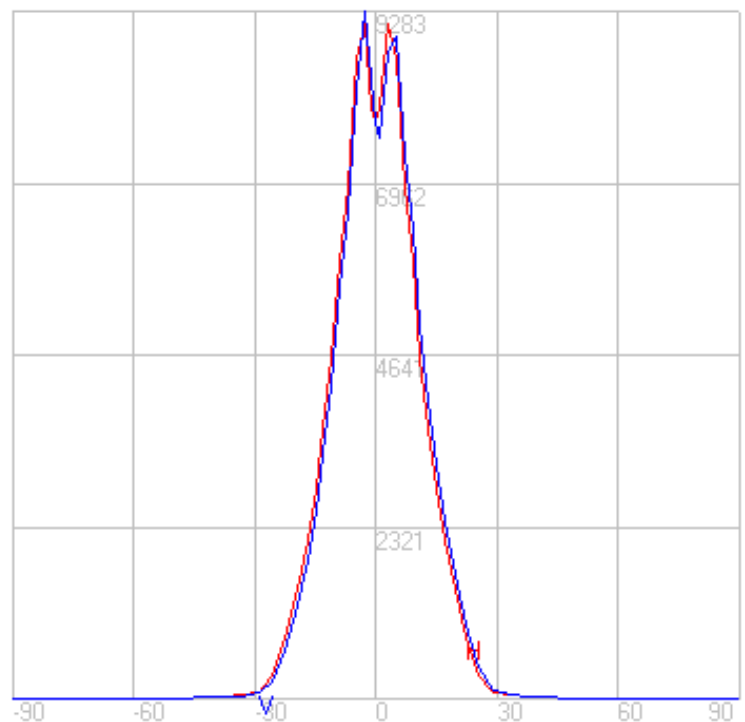
## Zonal Lumen Summary

Zone	Lumens
0-10	687.71
10-20	787.65
20-30	216.08
30-40	22.70
40-50	12.07
50-60	10.59
60-70	9.77
70-80	9.38
80-90	7.24
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



Setback Distance: 2.5 ft.

Grid Spacing: 10 ft.



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

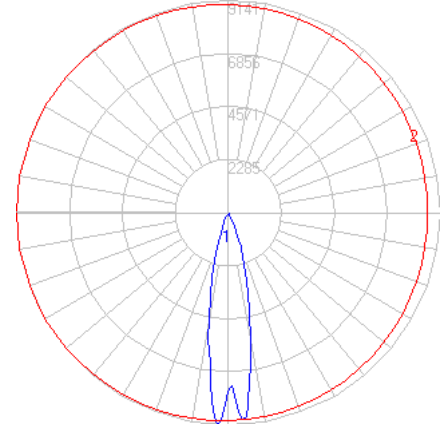
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# BEGA

File: 84301K3\_BEGA\_IES.ies

TEST: L092112301  
 TEST LAB: LIGHT LABORATORY, INC.  
 DATE: 10/3/2021  
 LUMINAIRE: 84 301K3  
 LAMP: 16.7W LED

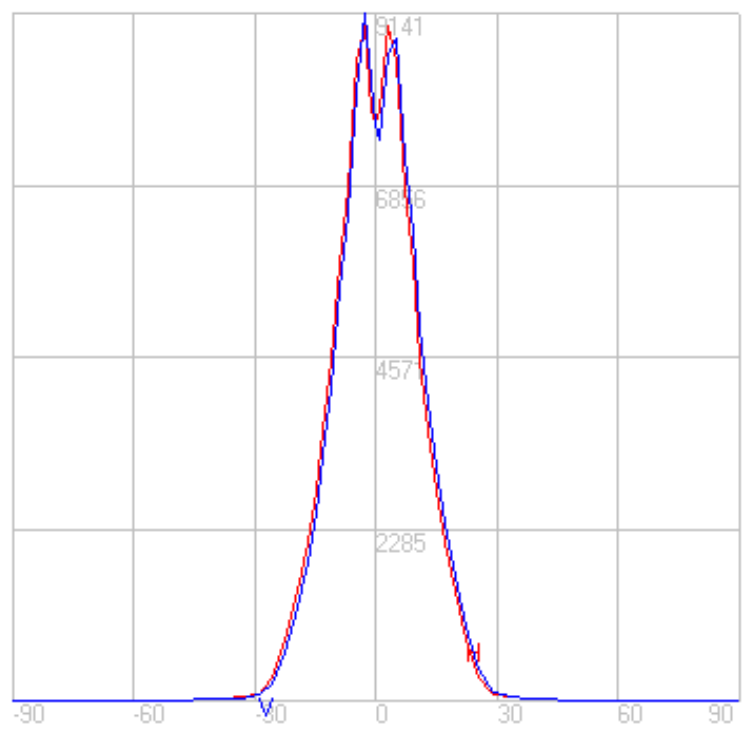
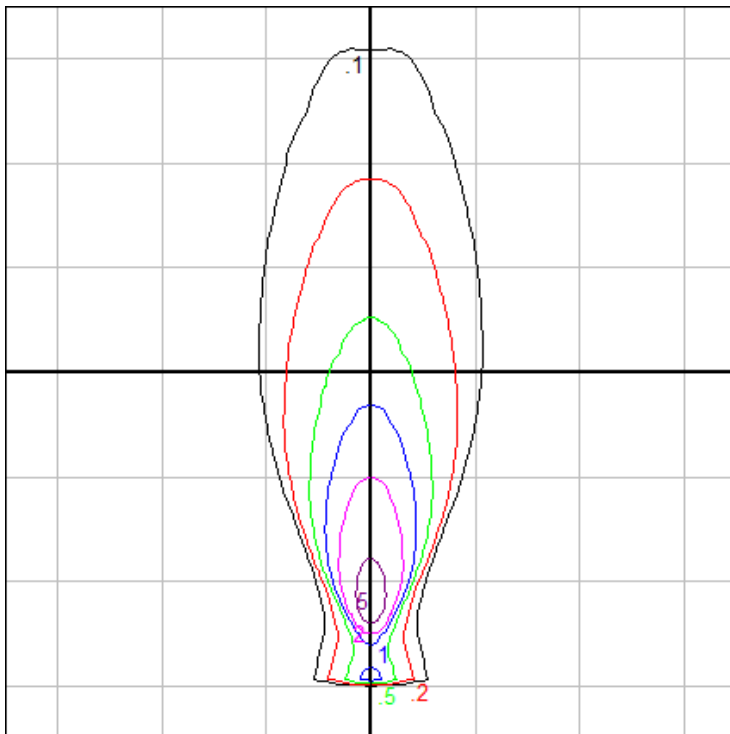


## Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	9141.28
Maximum Candela Angle	0 H -3 V
Horizontal Beam Angle (50%)	20.8
Vertical Beam Angle (50%)	22.2
Horizontal Field Angle (10%)	43.5
Vertical Field Angle (10%)	44.0
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	769
Beam Efficiency	N.A.
Field Lumens	1539
Field Efficiency	N.A.
Spill Lumens	198
Luminaire Lumens	1738
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

## Zonal Lumen Summary

Zone	Lumens
0-10	677.23
10-20	775.66
20-30	212.79
30-40	22.35
40-50	11.89
50-60	10.43
60-70	9.62
70-80	9.24
80-90	7.13
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



Setback Distance: 2.5 ft.

Grid Spacing: 10 ft.

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

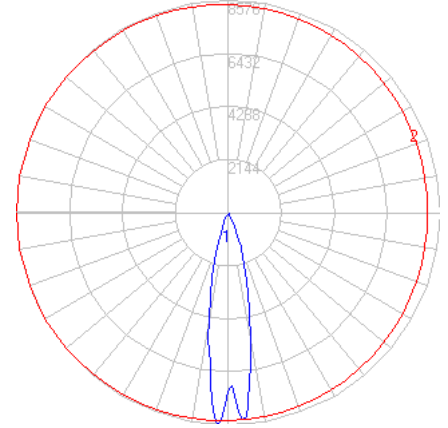
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# BEGA

File: 84301K27\_BEGA\_IES.ies

TEST: L092112301  
TEST LAB: LIGHT LABORATORY, INC.  
DATE: 10/3/2021  
LUMINAIRE: 84 301K27  
LAMP: 16.7W LED

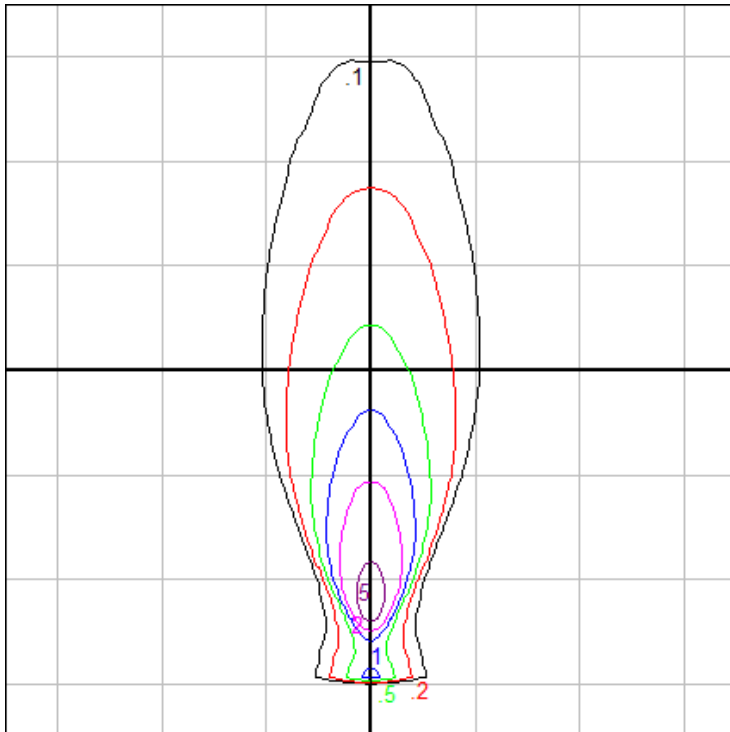


## Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	8575.84
Maximum Candela Angle	0 H -3 V
Horizontal Beam Angle (50%)	20.8
Vertical Beam Angle (50%)	22.2
Horizontal Field Angle (10%)	43.5
Vertical Field Angle (10%)	44.0
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	721
Beam Efficiency	N.A.
Field Lumens	1444
Field Efficiency	N.A.
Spill Lumens	186
Luminaire Lumens	1630
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

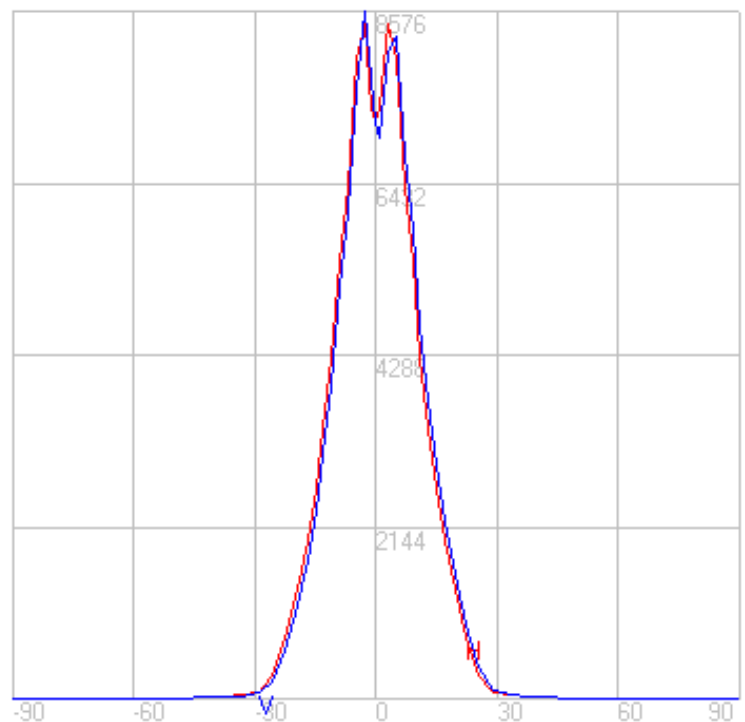
## Zonal Lumen Summary

Zone	Lumens
0-10	635.34
10-20	727.68
20-30	199.63
30-40	20.97
40-50	11.15
50-60	9.78
60-70	9.02
70-80	8.66
80-90	6.69
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



Setback Distance: 2.5 ft.

Grid Spacing: 10 ft.



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