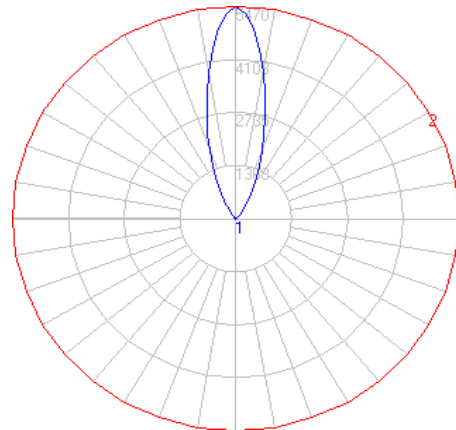
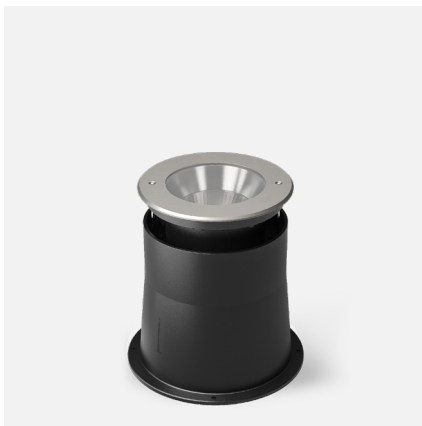


BEGA

File: 84293K4_BEGA_IES.ies

TEST: BE_84293K4
 TEST LAB: BEGA
 DATE: N/A
 LUMINAIRE: 84 293K4
 LAMP: 16.8W LED

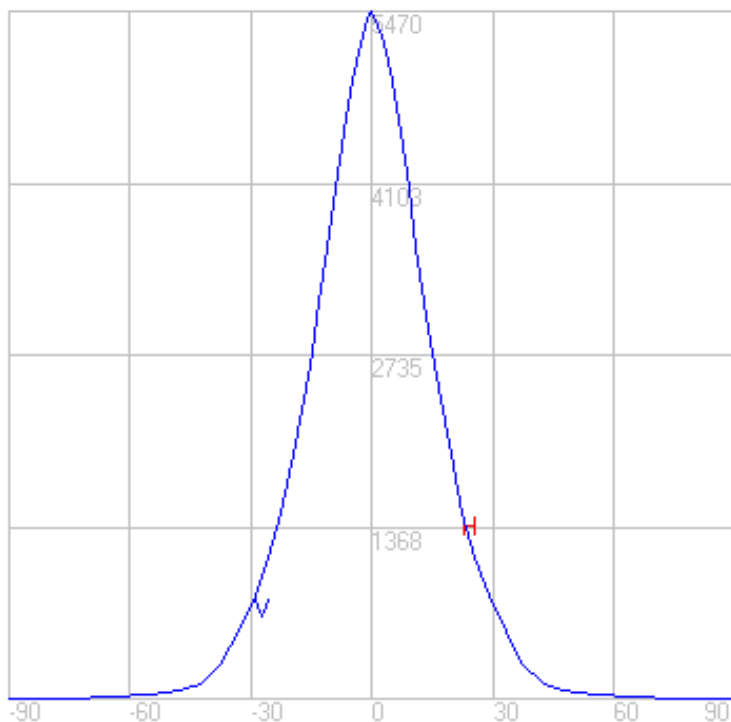
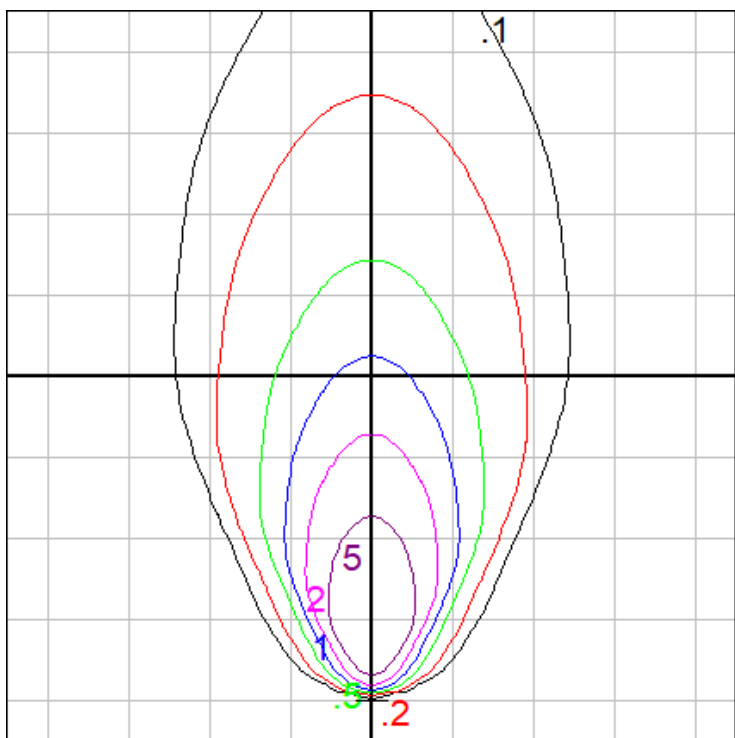


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	5470.1
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	30.2
Vertical Beam Angle (50%)	30.2
Horizontal Field Angle (10%)	65.7
Vertical Field Angle (10%)	65.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	815
Beam Efficiency	N.A.
Field Lumens	1852
Field Efficiency	N.A.
Spill Lumens	266
Luminaire Lumens	2118
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

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	0.00
70-80	0.00
80-90	0.00
90-100	0.14
100-110	2.08
110-120	9.99
120-130	25.63
130-140	70.19
140-150	258.34
150-160	551.96
160-170	762.24
170-180	435.07



Setback: 2 ft.

Grid Spacing: 5 ft.

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

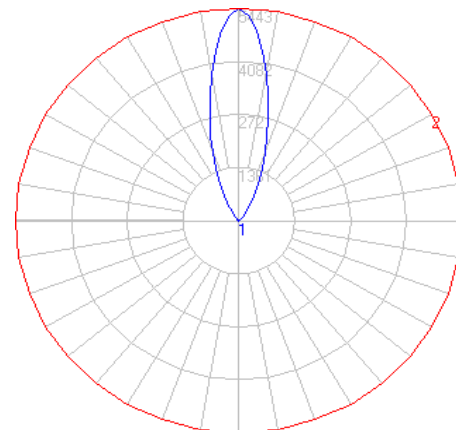
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2021

6/9/2021

BEGA

File: 84293K35_BEGA_IES.ies

TEST: BE_84293K4
 TEST LAB: BEGA
 DATE: N/A
 LUMINAIRE: 84 293K35
 LAMP: 16.8W LED

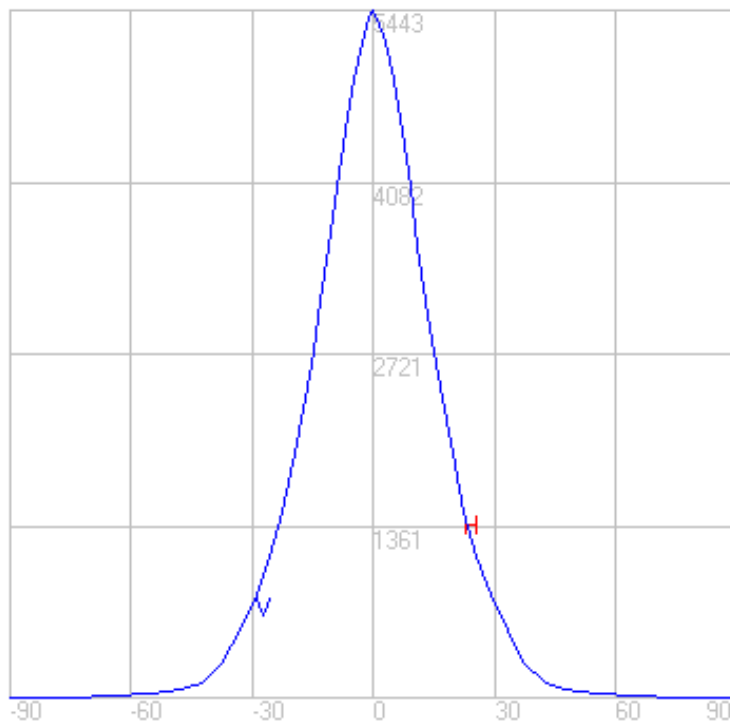
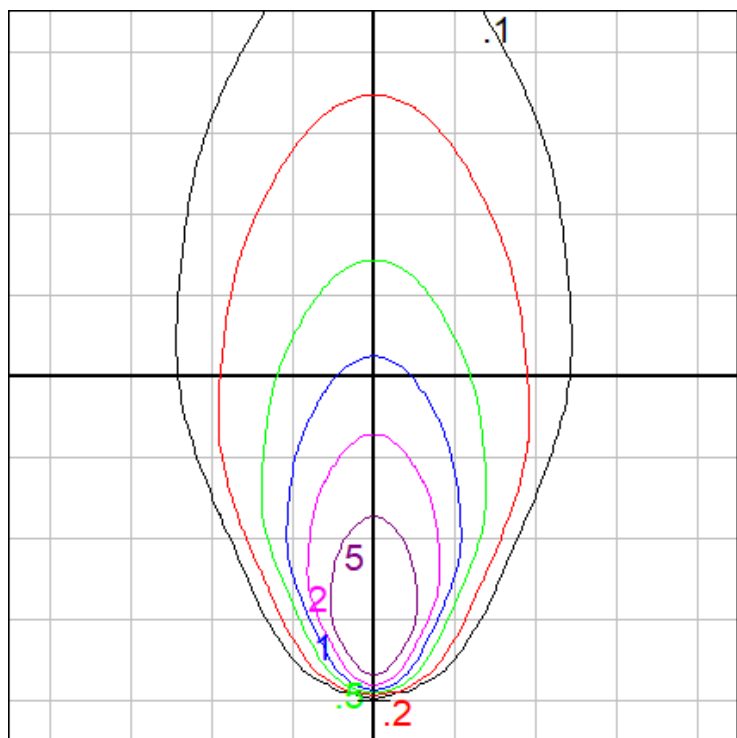


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	5442.75
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	30.2
Vertical Beam Angle (50%)	30.2
Horizontal Field Angle (10%)	65.7
Vertical Field Angle (10%)	65.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	811
Beam Efficiency	N.A.
Field Lumens	1843
Field Efficiency	N.A.
Spill Lumens	265
Luminaire Lumens	2108
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

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	0.00
70-80	0.00
80-90	0.00
90-100	0.14
100-110	2.07
110-120	9.94
120-130	25.50
130-140	69.84
140-150	257.05
150-160	549.20
160-170	758.42
170-180	432.90



Setback: 2 ft.

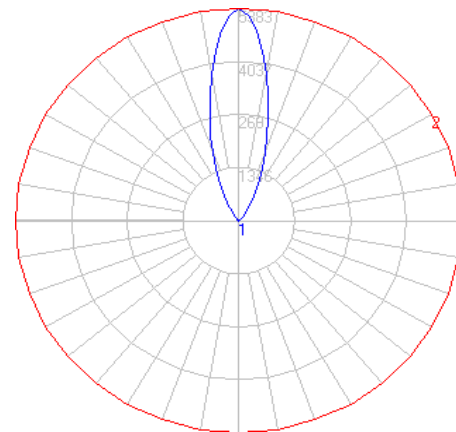
Grid Spacing: 5 ft.

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

BEGA

File: 84293K3_BEGA_IES.ies

TEST: BE_84293K4
 TEST LAB: BEGA
 DATE: N/A
 LUMINAIRE: 84 293K3
 LAMP: 16.8W LED

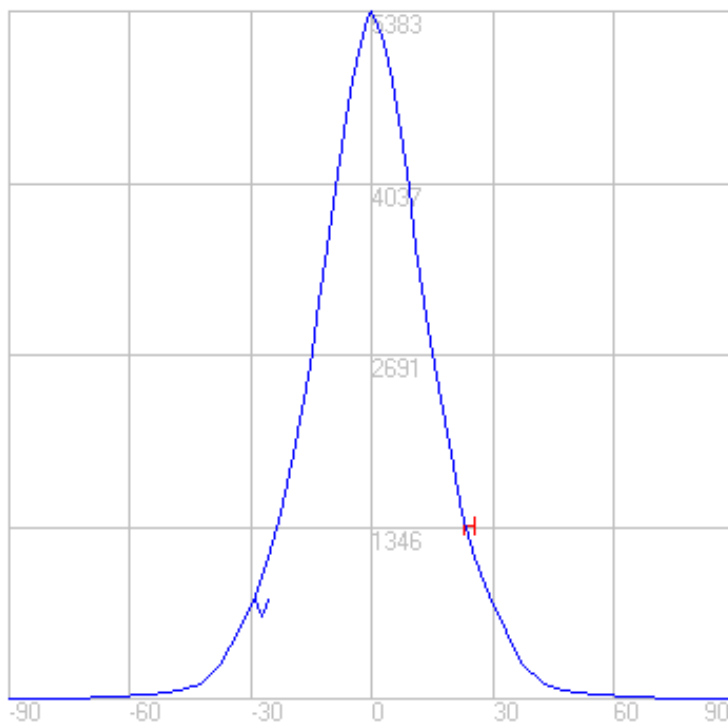
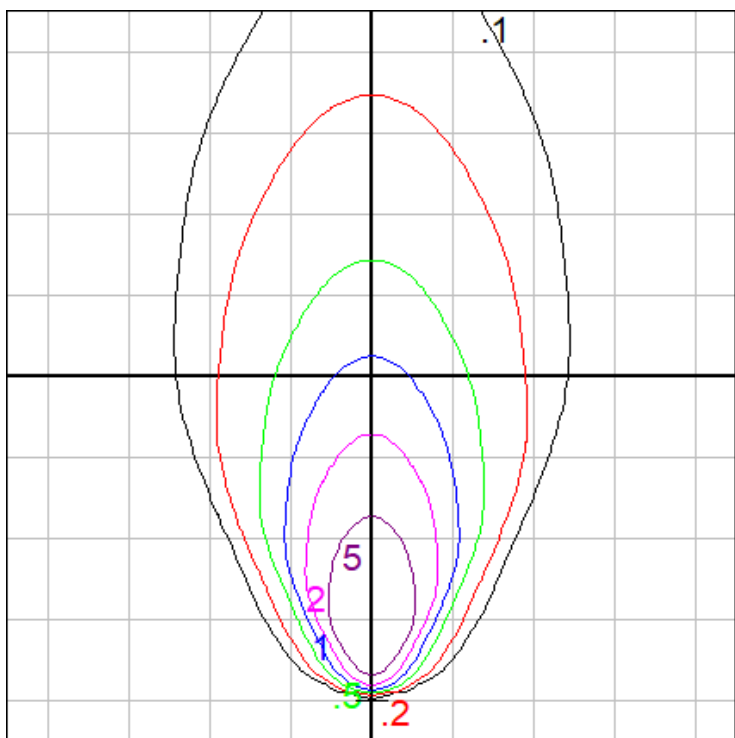


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	5382.579
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	30.2
Vertical Beam Angle (50%)	30.2
Horizontal Field Angle (10%)	65.7
Vertical Field Angle (10%)	65.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	802
Beam Efficiency	N.A.
Field Lumens	1822
Field Efficiency	N.A.
Spill Lumens	262
Luminaire Lumens	2084
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

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	0.00
70-80	0.00
80-90	0.00
90-100	0.13
100-110	2.05
110-120	9.83
120-130	25.22
130-140	69.07
140-150	254.21
150-160	543.13
160-170	750.04
170-180	428.11



Setback: 2 ft.

Grid Spacing: 5 ft.

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

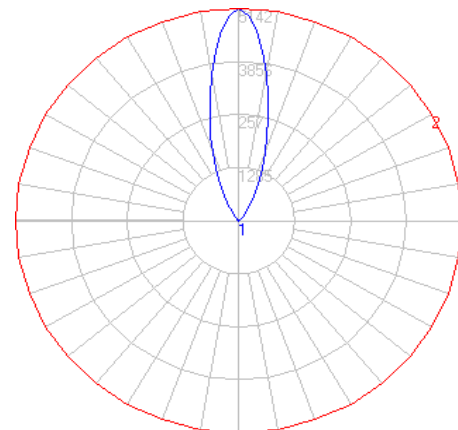
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2021

6/9/2021

BEGA

File: 84293K27_BEGA_IES.ies

TEST: BE_84293K4
 TEST LAB: BEGA
 DATE: N/A
 LUMINAIRE: 84 293K27
 LAMP: 16.8W LED

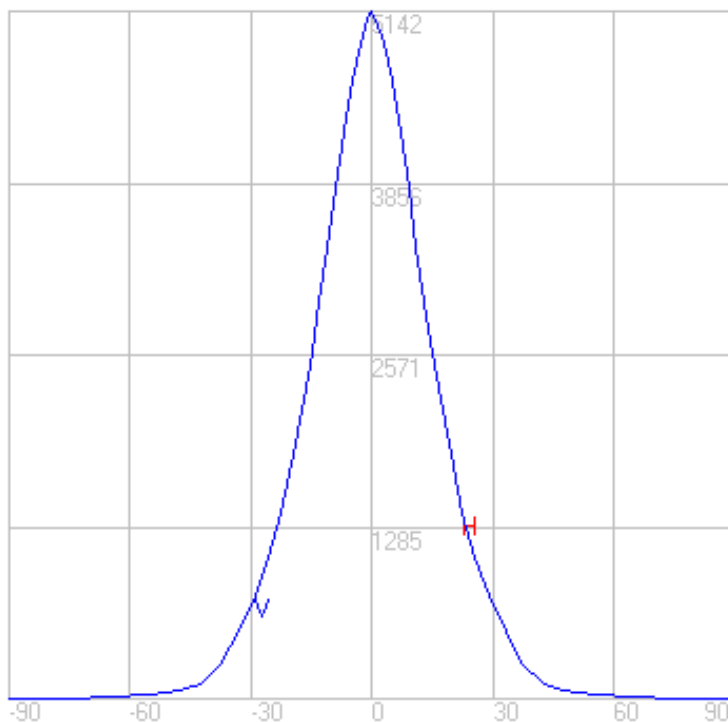
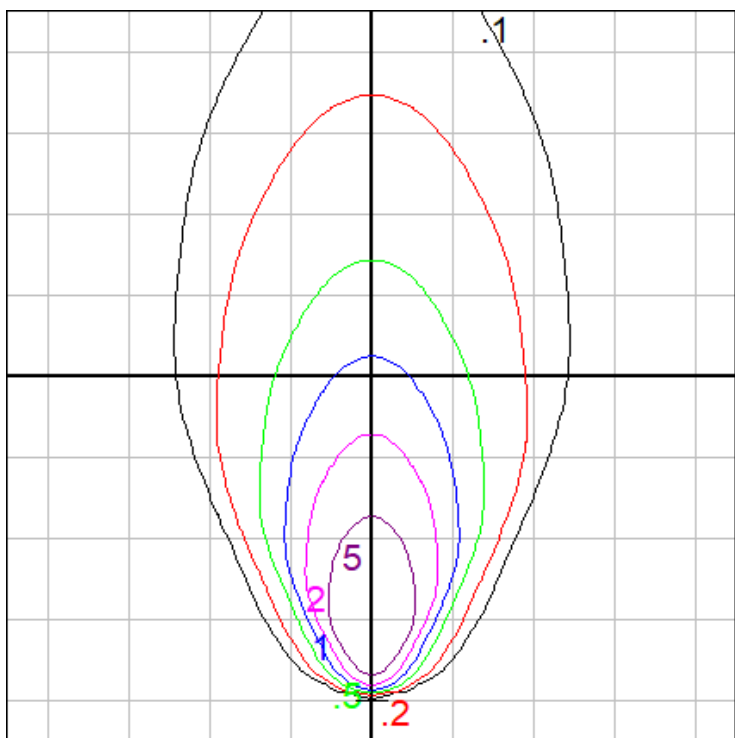


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	5141.894
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	30.2
Vertical Beam Angle (50%)	30.2
Horizontal Field Angle (10%)	65.7
Vertical Field Angle (10%)	65.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	766
Beam Efficiency	N.A.
Field Lumens	1741
Field Efficiency	N.A.
Spill Lumens	250
Luminaire Lumens	1991
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

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	0.00
70-80	0.00
80-90	0.00
90-100	0.13
100-110	1.96
110-120	9.39
120-130	24.09
130-140	65.98
140-150	242.84
150-160	518.84
160-170	716.50
170-180	408.97



Setback: 2 ft.

Grid Spacing: 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 2021

6/9/2021