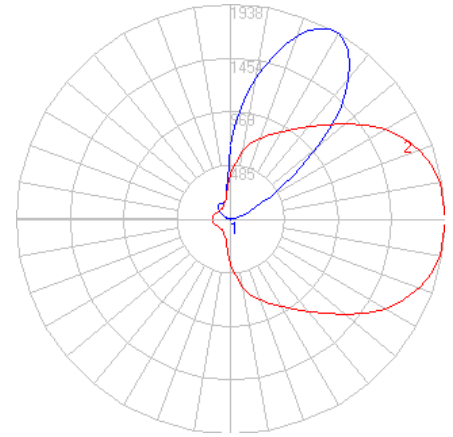


BEGA

Photometric Filename: 84162K4.IES

TEST: BE_84162K4
TEST LAB: BEGA
DATE: 9/11/2018
LUMINAIRE: 84162K4
LAMP: 15.8W LED

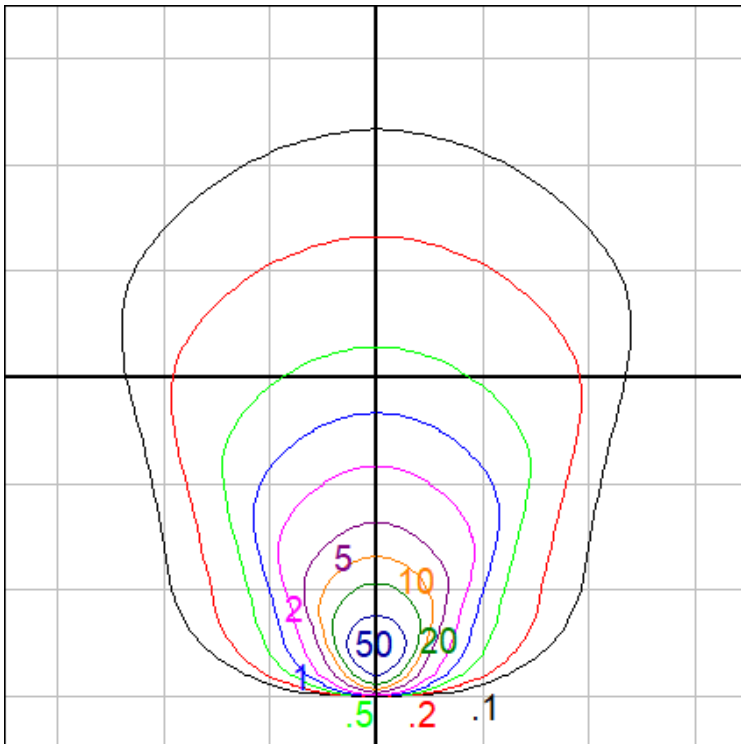


Characteristics

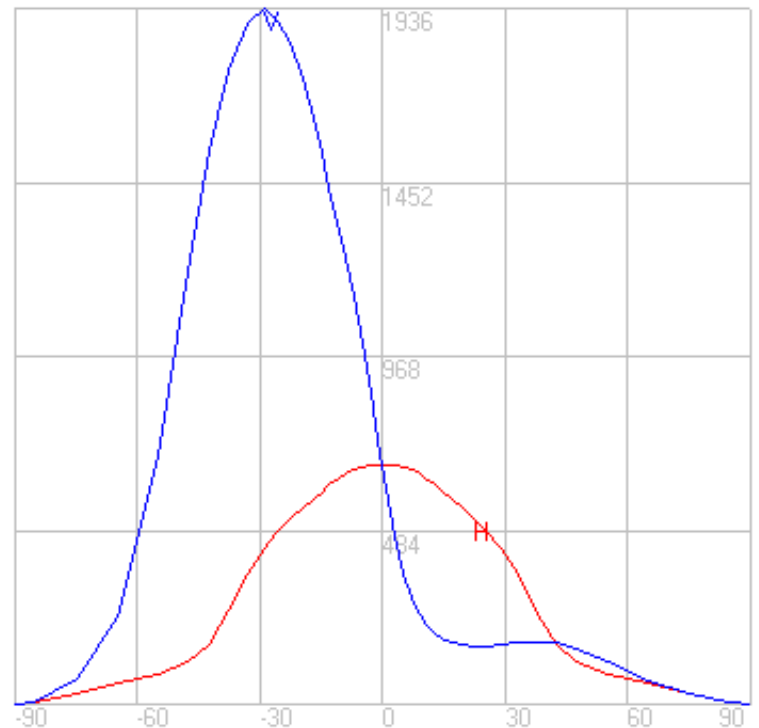
NEMA Type	5 H x 5 V
Maximum Candela	1936.1
Maximum Candela Angle	0 H -29 V
Horizontal Beam Angle (50%)	52.8
Vertical Beam Angle (50%)	46.5
Horizontal Field Angle (10%)	84.9
Vertical Field Angle (10%)	81.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	817
Beam Efficiency	N.A.
Field Lumens	1361
Field Efficiency	N.A.
Spill Lumens	303
Luminaire Lumens	1664
Total Efficiency	N.A.
Total Luminaire Watts	18.3

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	0.09
80-90	0.26
90-100	7.55
100-110	39.49
110-120	91.01
120-130	189.26
130-140	327.75
140-150	397.96
150-160	336.94
160-170	202.76
170-180	64.66



Fixture Setback = 2 ft Grid Spacing = 5 ft.



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

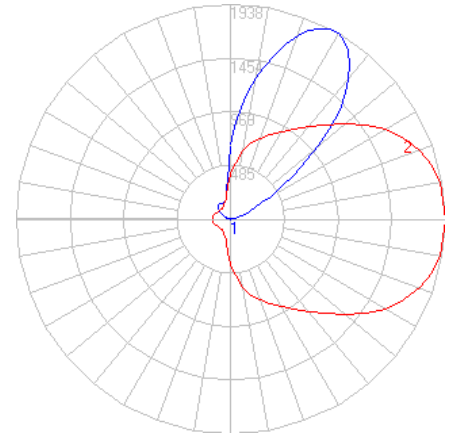
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2019

8/2/2019

BEGA

Photometric Filename: 84162K35.IES

TEST: BE_84162K4
TEST LAB: BEGA
DATE: 9/11/2018
LUMINAIRE: 84162K35
LAMP: 15.8W LED

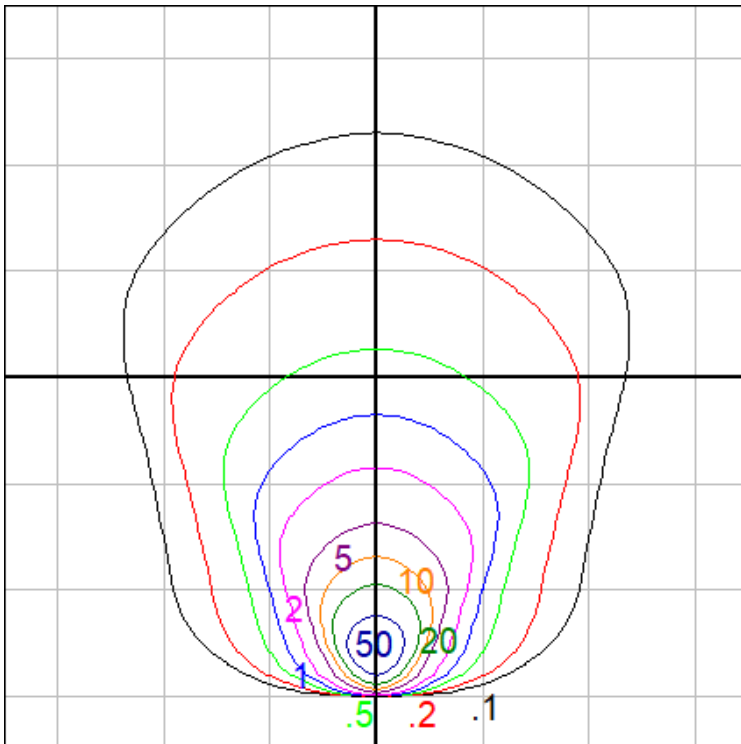


Characteristics

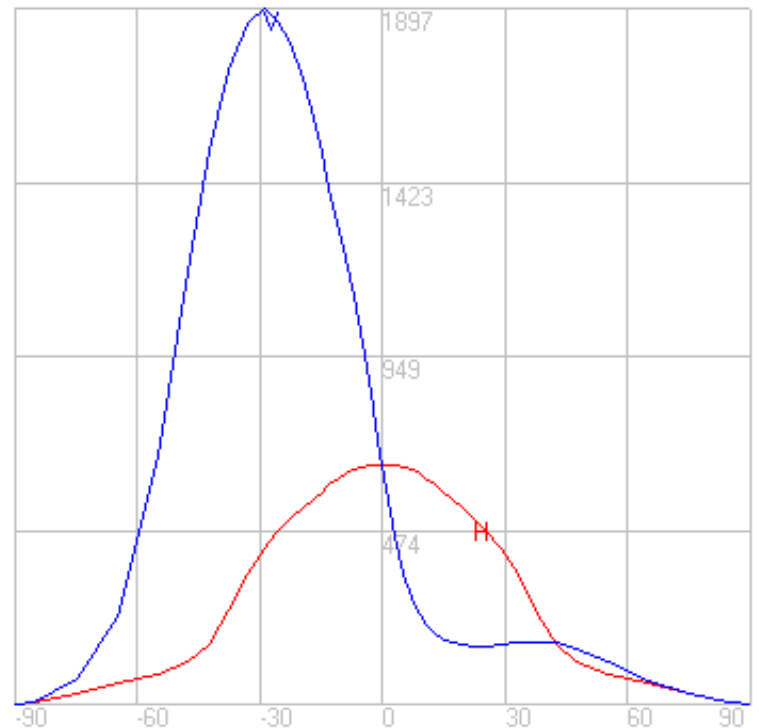
NEMA Type	5 H x 5 V
Maximum Candela	1897.358
Maximum Candela Angle	0 H -29 V
Horizontal Beam Angle (50%)	52.8
Vertical Beam Angle (50%)	46.5
Horizontal Field Angle (10%)	84.9
Vertical Field Angle (10%)	81.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	801
Beam Efficiency	N.A.
Field Lumens	1334
Field Efficiency	N.A.
Spill Lumens	297
Luminaire Lumens	1631
Total Efficiency	N.A.
Total Luminaire Watts	18.3

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	0.09
80-90	0.26
90-100	7.40
100-110	38.70
110-120	89.19
120-130	185.48
130-140	321.20
140-150	390.00
150-160	330.20
160-170	198.70
170-180	63.37



Fixture Setback = 2 ft Grid Spacing = 5 ft.



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

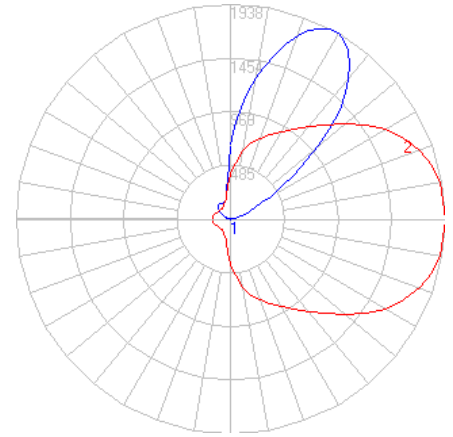
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2019

8/2/2019

BEGA

Photometric Filename: 84162K3.IES

TEST: BE_84162K4
 TEST LAB: BEGA
 DATE: 9/11/2018
 LUMINAIRE: 84162K3
 LAMP: 15.8W LED

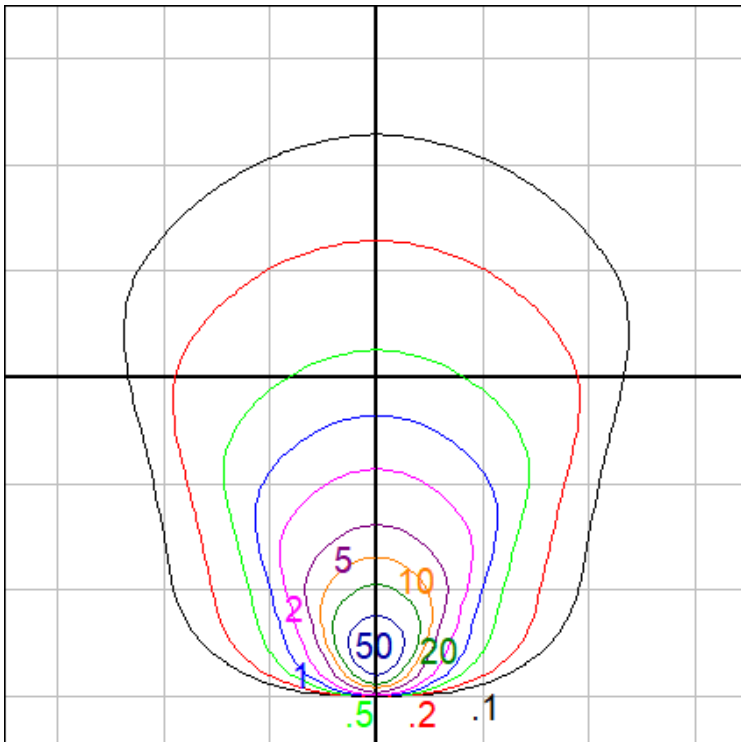


Characteristics

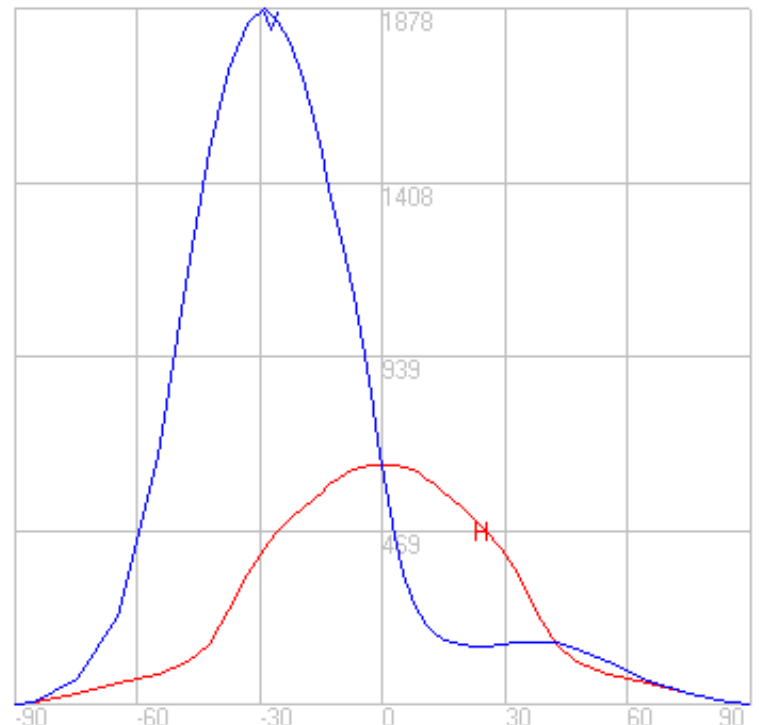
NEMA Type	5 H x 5 V
Maximum Candela	1877.998
Maximum Candela Angle	0 H -29 V
Horizontal Beam Angle (50%)	52.8
Vertical Beam Angle (50%)	46.5
Horizontal Field Angle (10%)	84.9
Vertical Field Angle (10%)	81.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	793
Beam Efficiency	N.A.
Field Lumens	1321
Field Efficiency	N.A.
Spill Lumens	294
Luminaire Lumens	1614
Total Efficiency	N.A.
Total Luminaire Watts	18.3

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	0.09
80-90	0.25
90-100	7.32
100-110	38.30
110-120	88.28
120-130	183.59
130-140	317.92
140-150	386.02
150-160	326.84
160-170	196.67
170-180	62.72



Fixture Setback = 2 ft Grid Spacing = 5 ft.

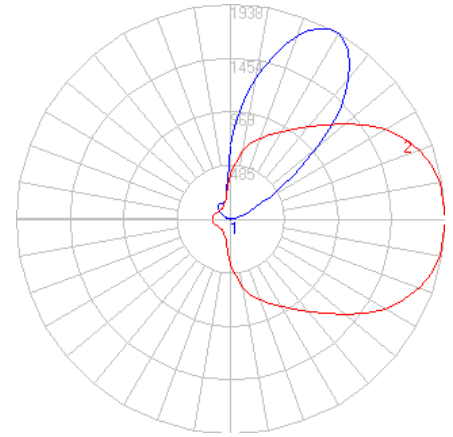


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

BEGA

Photometric Filename: 84162K27.IES

TEST: BE_84162K4
TEST LAB: BEGA
DATE: 9/11/2018
LUMINAIRE: 84162K27
LAMP: 15.8W LED

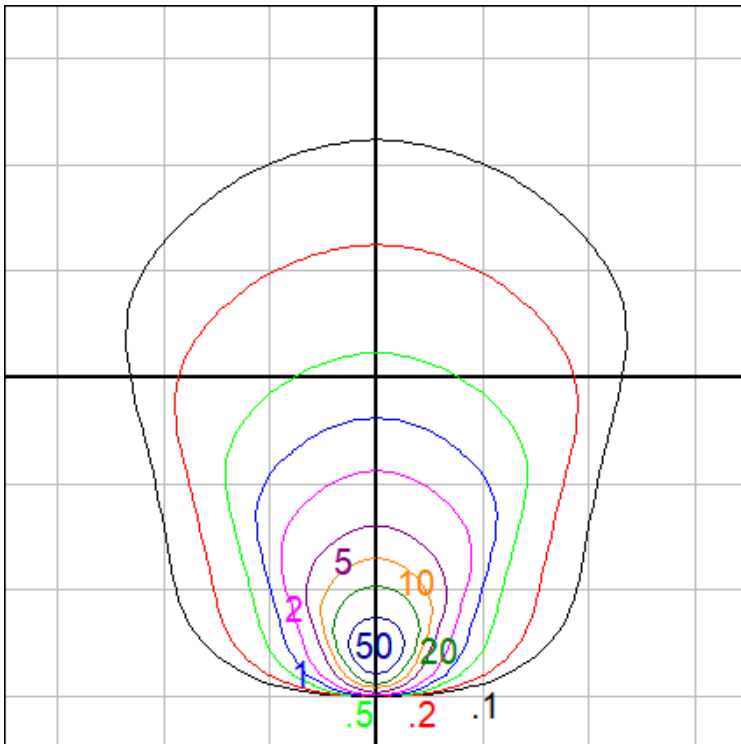


Characteristics

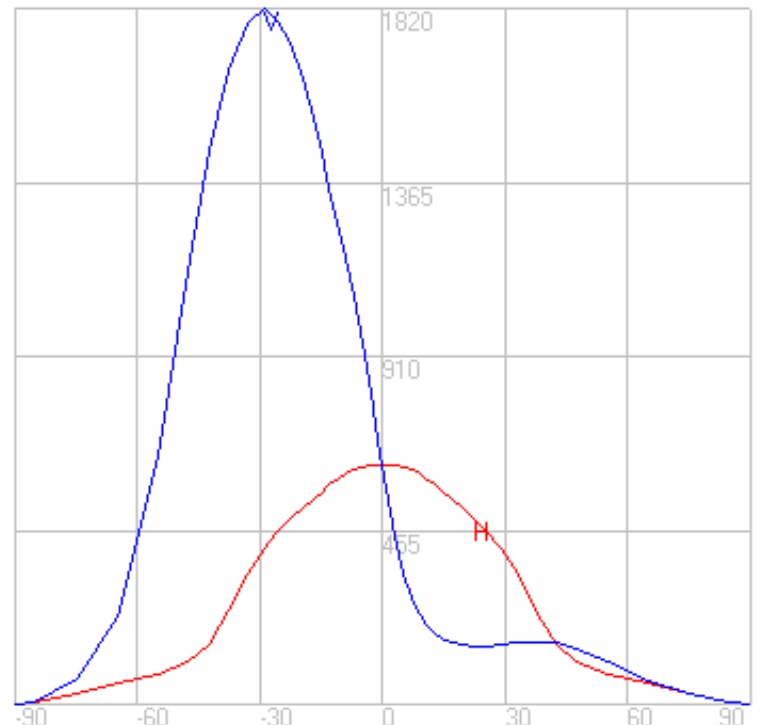
NEMA Type	5 H x 5 V
Maximum Candela	1819.915
Maximum Candela Angle	0 H -29 V
Horizontal Beam Angle (50%)	52.8
Vertical Beam Angle (50%)	46.5
Horizontal Field Angle (10%)	84.9
Vertical Field Angle (10%)	81.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	768
Beam Efficiency	N.A.
Field Lumens	1280
Field Efficiency	N.A.
Spill Lumens	285
Luminaire Lumens	1564
Total Efficiency	N.A.
Total Luminaire Watts	18.3

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	0.09
80-90	0.25
90-100	7.10
100-110	37.12
110-120	85.55
120-130	177.91
130-140	308.09
140-150	374.08
150-160	316.73
160-170	190.59
170-180	60.78



Fixture 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 2019

8/2/2019