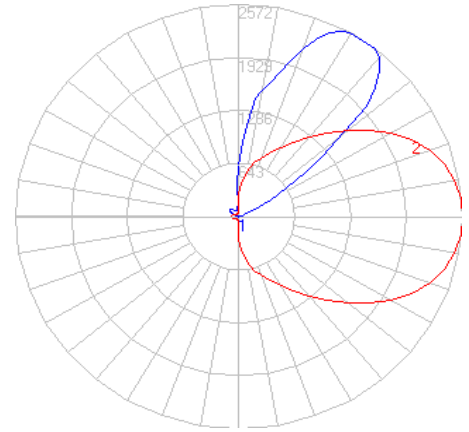


BEGA

File: 84277K4.ies

TEST: BE_84277K4
TEST LAB: BEGA
DATE: 09/25/2019
LUMINAIRE: 84277K4
LAMP: 16.7W LED

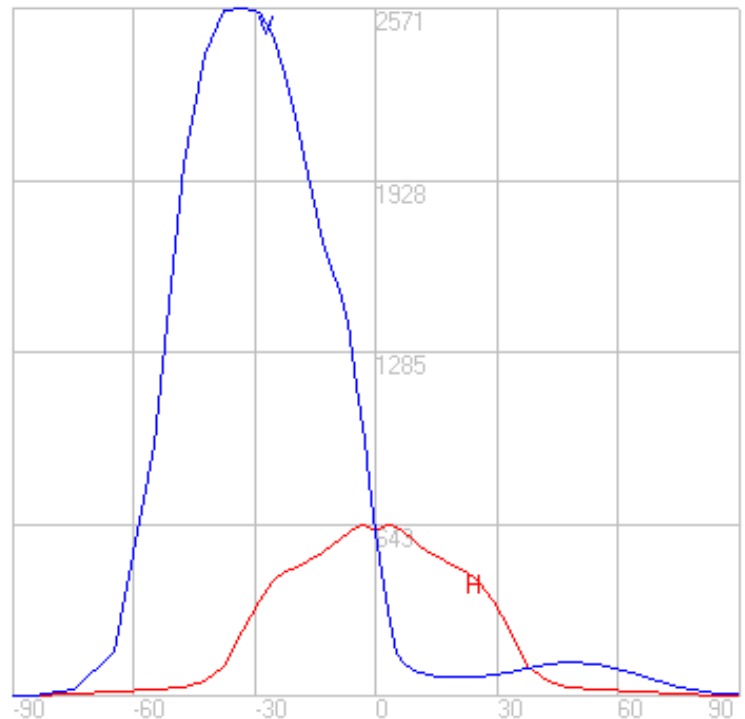
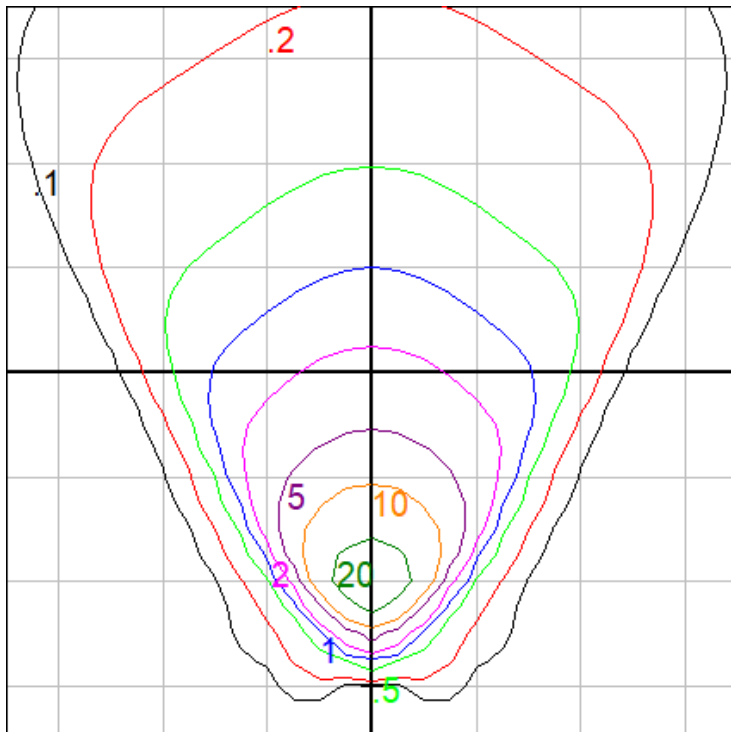


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	2570.8
Maximum Candela Angle	0 H -33 V
Horizontal Beam Angle (50%)	48.1
Vertical Beam Angle (50%)	46.5
Horizontal Field Angle (10%)	65.0
Vertical Field Angle (10%)	67.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1019
Beam Efficiency	N.A.
Field Lumens	1468
Field Efficiency	N.A.
Spill Lumens	178
Luminaire Lumens	1646
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	0.12
70-80	1.71
80-90	4.37
90-100	6.03
100-110	14.77
110-120	38.07
120-130	136.40
130-140	343.43
140-150	445.89
150-160	375.44
160-170	208.00
170-180	63.17



Setback: 5 ft.

Grid Spacing: 5 ft.

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

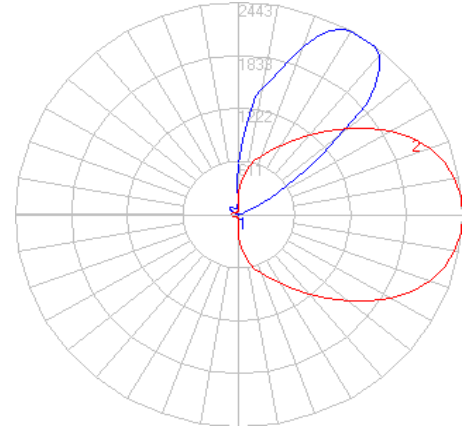
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File: 84277K35.ies

TEST: BE_84277K4
TEST LAB: BEGA
DATE: 09/25/2019
LUMINAIRE: 84277K35
LAMP: 16.7W LED

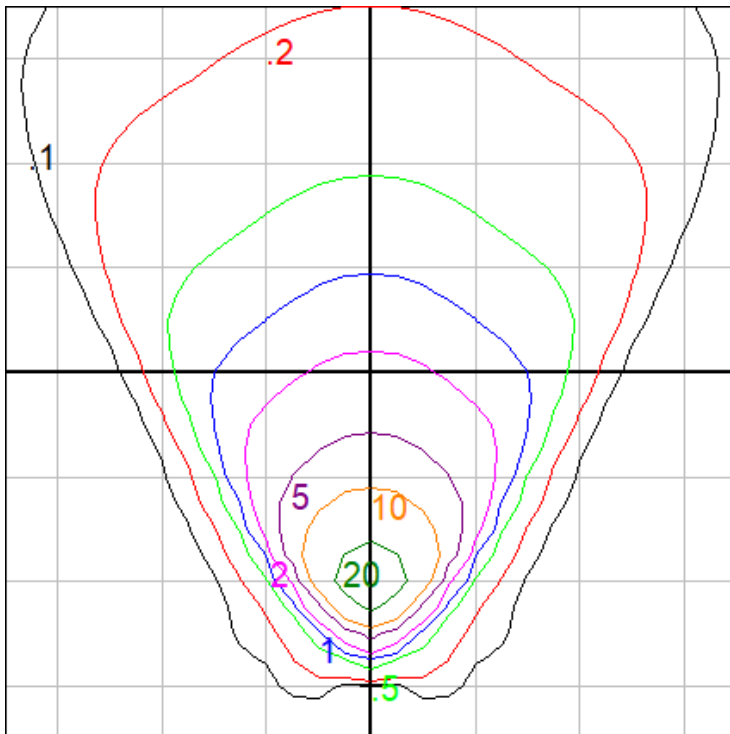


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	2442.298
Maximum Candela Angle	0 H -33 V
Horizontal Beam Angle (50%)	48.1
Vertical Beam Angle (50%)	46.5
Horizontal Field Angle (10%)	65.0
Vertical Field Angle (10%)	67.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	968
Beam Efficiency	N.A.
Field Lumens	1395
Field Efficiency	N.A.
Spill Lumens	169
Luminaire Lumens	1564
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

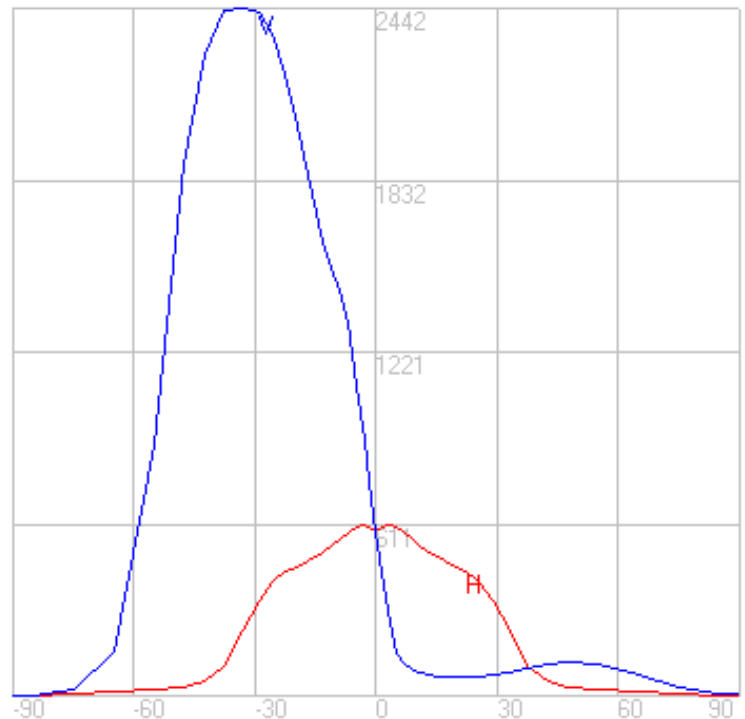
Zonal Lumen Summary

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	0.12
70-80	1.62
80-90	4.15
90-100	5.73
100-110	14.03
110-120	36.17
120-130	129.58
130-140	326.26
140-150	423.60
150-160	356.67
160-170	197.60
170-180	60.01



Setback: 5 ft.

Grid Spacing: 5 ft.



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

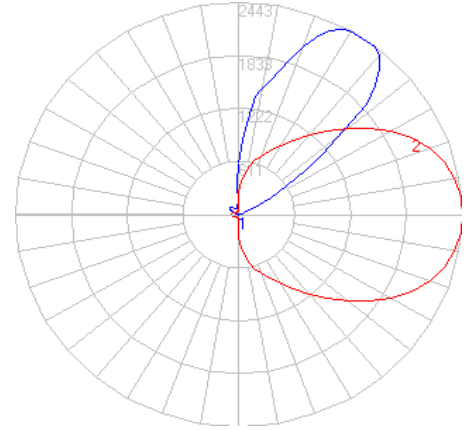
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File: 84277K3.ies

TEST: BE_84277K4
TEST LAB: BEGA
DATE: 09/25/2019
LUMINAIRE: 84277K3
LAMP: 16.7W LED

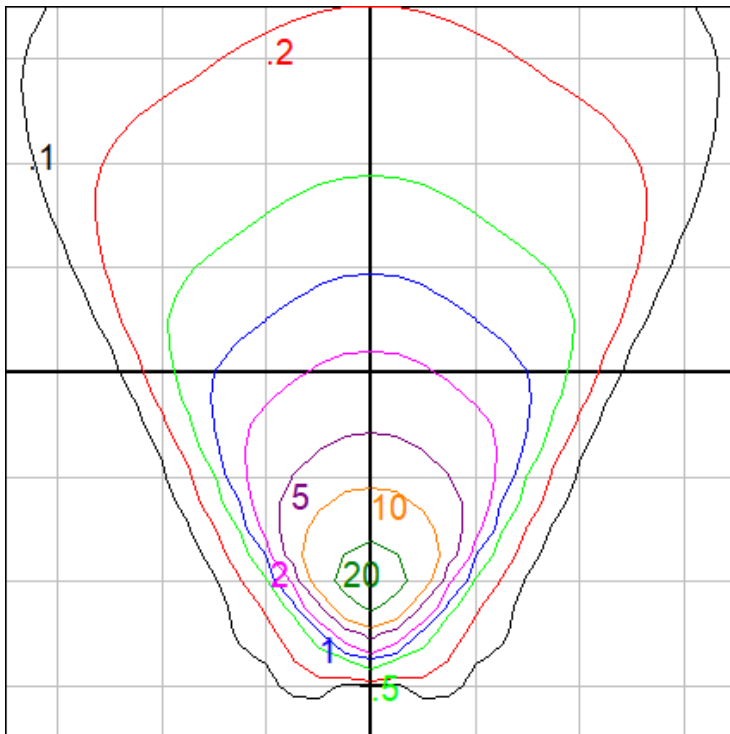


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	2442.298
Maximum Candela Angle	0 H -33 V
Horizontal Beam Angle (50%)	48.1
Vertical Beam Angle (50%)	46.5
Horizontal Field Angle (10%)	65.0
Vertical Field Angle (10%)	67.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	968
Beam Efficiency	N.A.
Field Lumens	1395
Field Efficiency	N.A.
Spill Lumens	169
Luminaire Lumens	1564
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

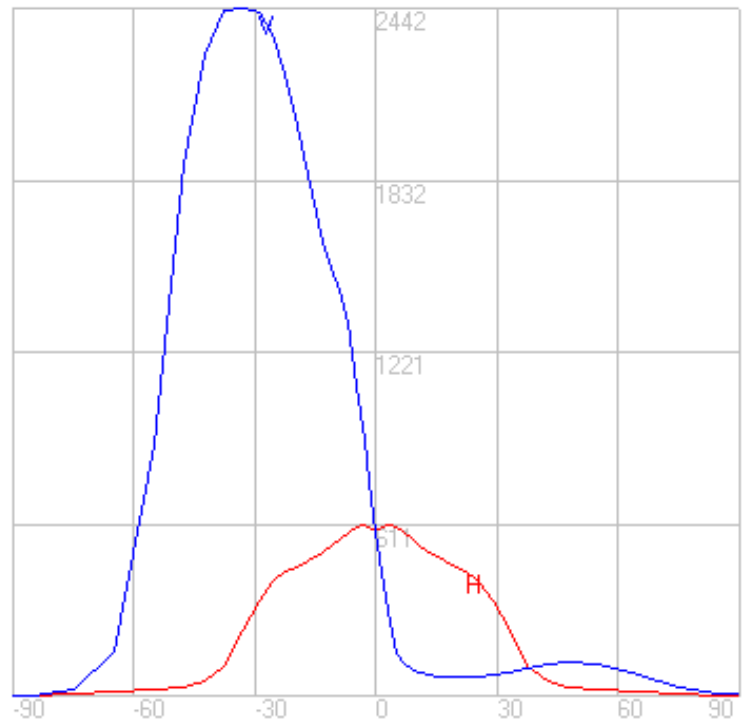
Zonal Lumen Summary

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	0.12
70-80	1.62
80-90	4.15
90-100	5.73
100-110	14.03
110-120	36.17
120-130	129.58
130-140	326.26
140-150	423.60
150-160	356.67
160-170	197.60
170-180	60.01



Setback: 5 ft.

Grid Spacing: 5 ft.



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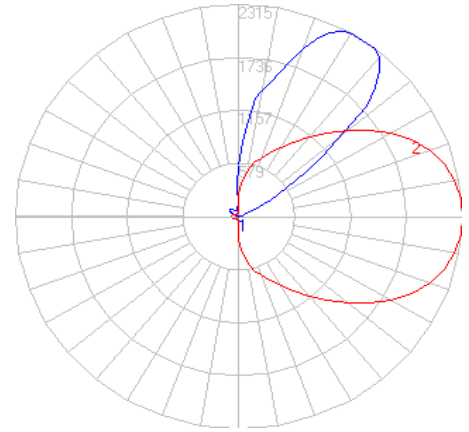
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File: 84277K27.ies

TEST: BE_84277K4
TEST LAB: BEGA
DATE: 09/25/2019
LUMINAIRE: 84277K27
LAMP: 16.7W LED

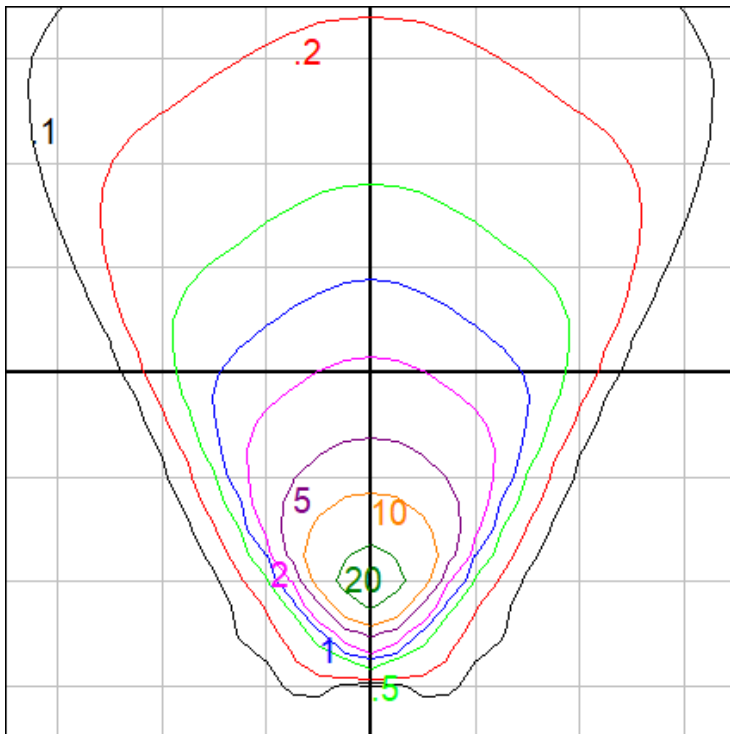


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	2313.76
Maximum Candela Angle	0 H -33 V
Horizontal Beam Angle (50%)	48.1
Vertical Beam Angle (50%)	46.5
Horizontal Field Angle (10%)	65.0
Vertical Field Angle (10%)	67.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	917
Beam Efficiency	N.A.
Field Lumens	1322
Field Efficiency	N.A.
Spill Lumens	160
Luminaire Lumens	1481
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

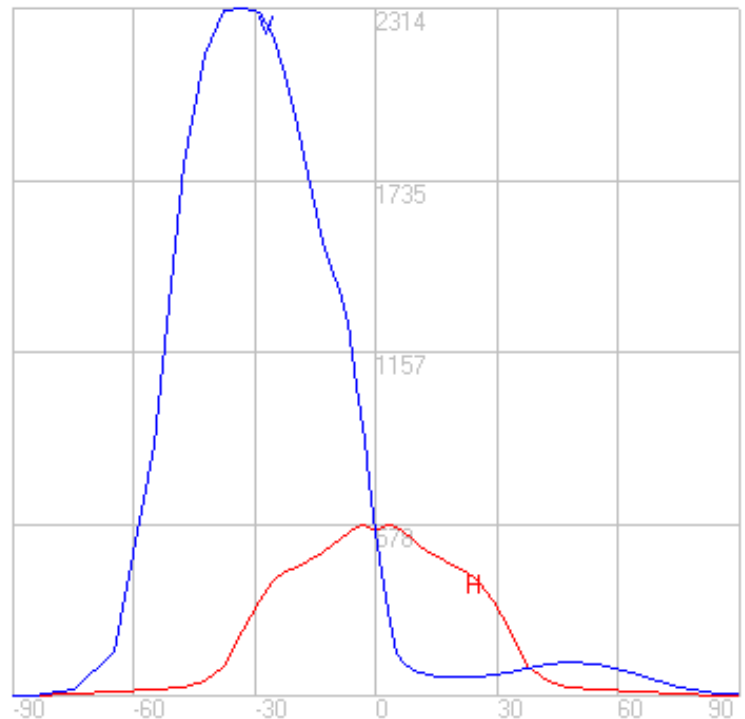
Zonal Lumen Summary

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	0.11
70-80	1.54
80-90	3.93
90-100	5.43
100-110	13.29
110-120	34.27
120-130	122.76
130-140	309.08
140-150	401.31
150-160	337.90
160-170	187.20
170-180	56.85



Setback: 5 ft.

Grid Spacing: 5 ft.



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