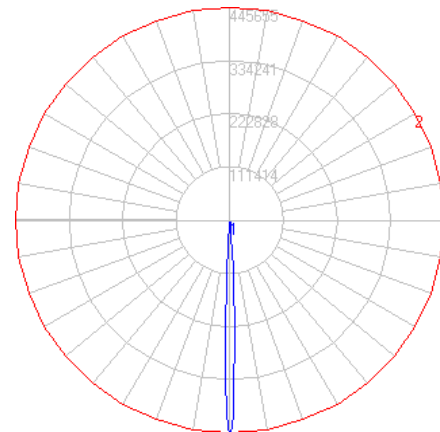


BEGA

Photometric Filename:
98017K4_BEGA_IES.ies

TEST: BE_98017K4
TEST LAB: BEGA
DATE: 7/5/2019
LUMINAIRE: 98 017K4
LAMP: 88.2W LED

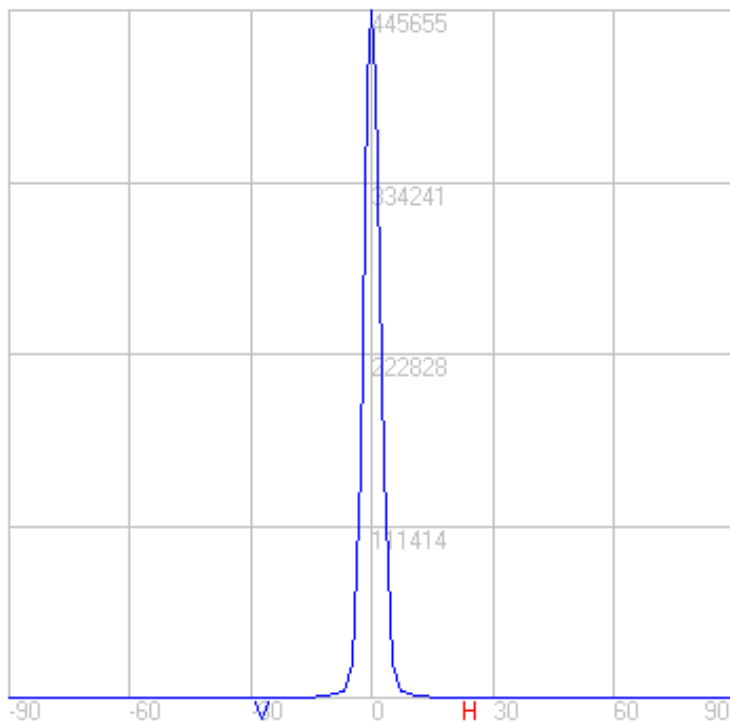
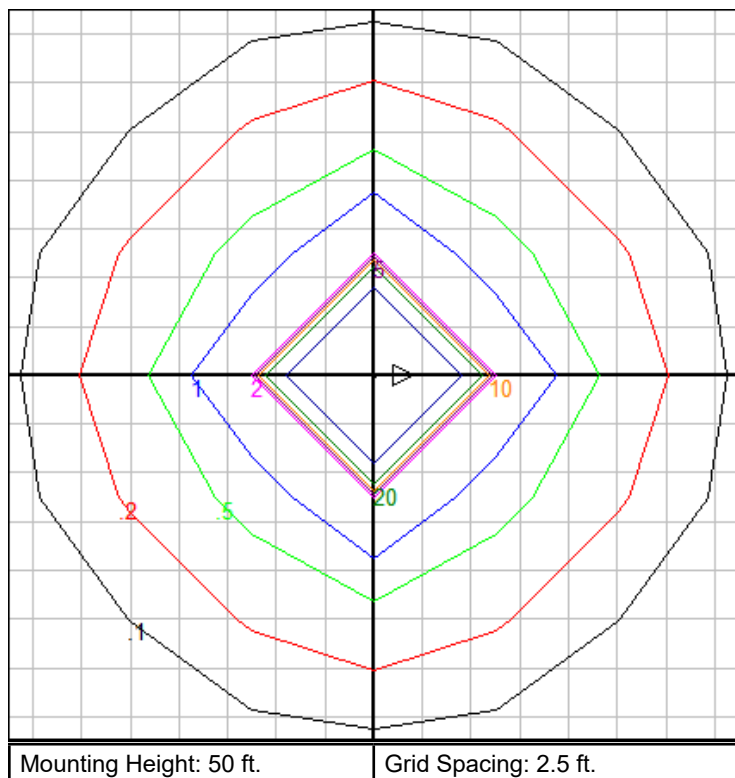


Characteristics

NEMA Type	0 H x 0 V
Maximum Candela	445655
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	4.8
Vertical Beam Angle (50%)	4.8
Horizontal Field Angle (10%)	9.3
Vertical Field Angle (10%)	9.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1741
Beam Efficiency	N.A.
Field Lumens	3480
Field Efficiency	N.A.
Spill Lumens	637
Luminaire Lumens	3734
Total Efficiency	N.A.
Total Luminaire Watts	109
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	3715.37
10-20	192.99
20-30	30.23
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	0.00
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



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

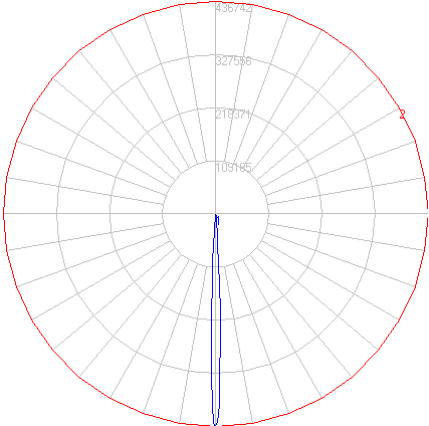
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Photometric Filename:
98017K35_BEGA_IES.ies

TEST: BE_98017K4
TEST LAB: BEGA
DATE: 7/5/2019
LUMINAIRE: 98 017K35
LAMP: 88.2W LED

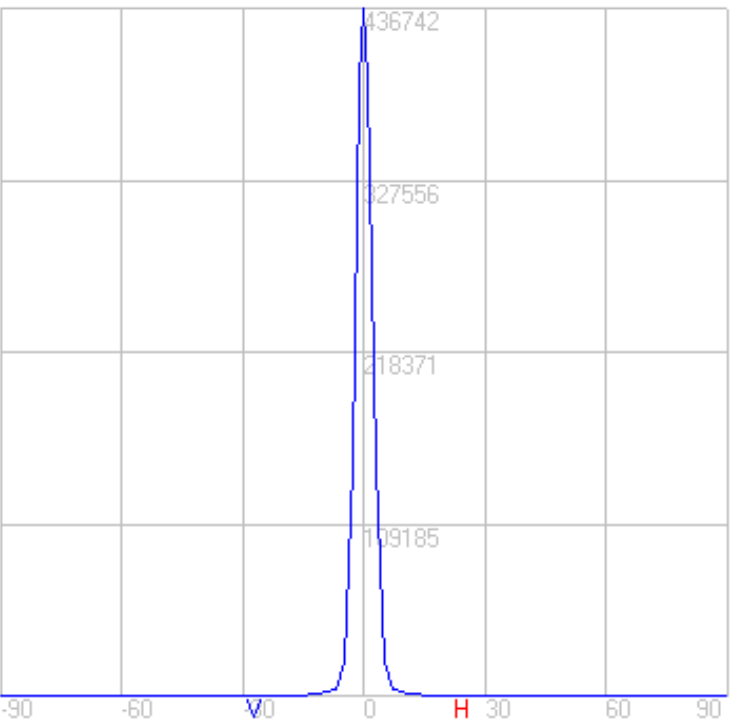
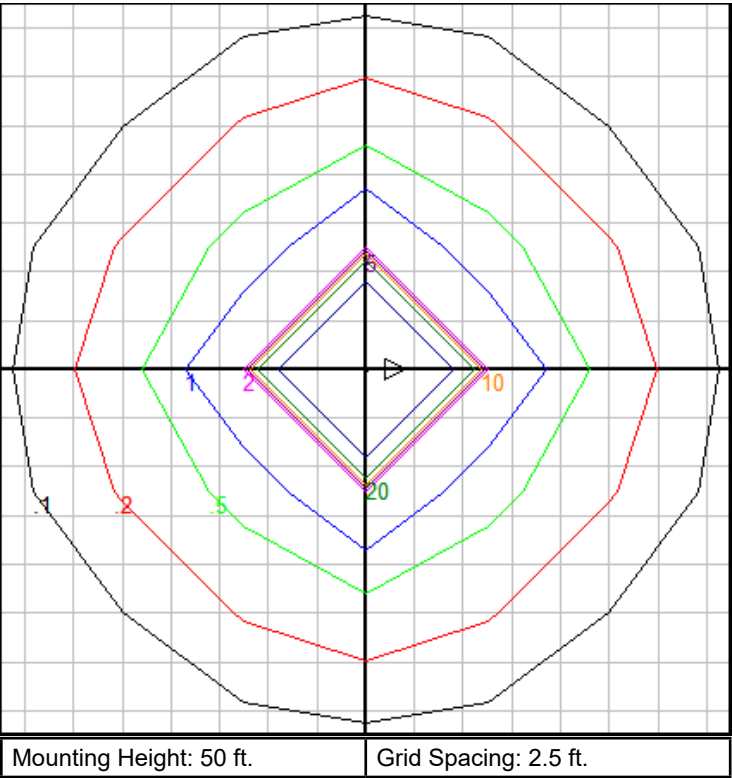


Characteristics

NEMA Type	0 H x 0 V
Maximum Candela	436741.909
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	4.8
Vertical Beam Angle (50%)	4.8
Horizontal Field Angle (10%)	9.3
Vertical Field Angle (10%)	9.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1706
Beam Efficiency	N.A.
Field Lumens	3410
Field Efficiency	N.A.
Spill Lumens	3660
Total Efficiency	N.A.
Total Luminaire Watts	109
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	3641.06
10-20	189.13
20-30	29.63
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	0.00
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



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

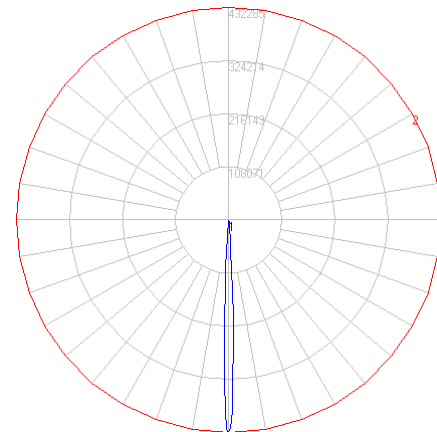
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Photometric Filename:
98017K3_BEGA_IES.ies

TEST: BE_98017K4
TEST LAB: BEGA
DATE: 7/5/2019
LUMINAIRE: 98 017K3
LAMP: 88.2W LED

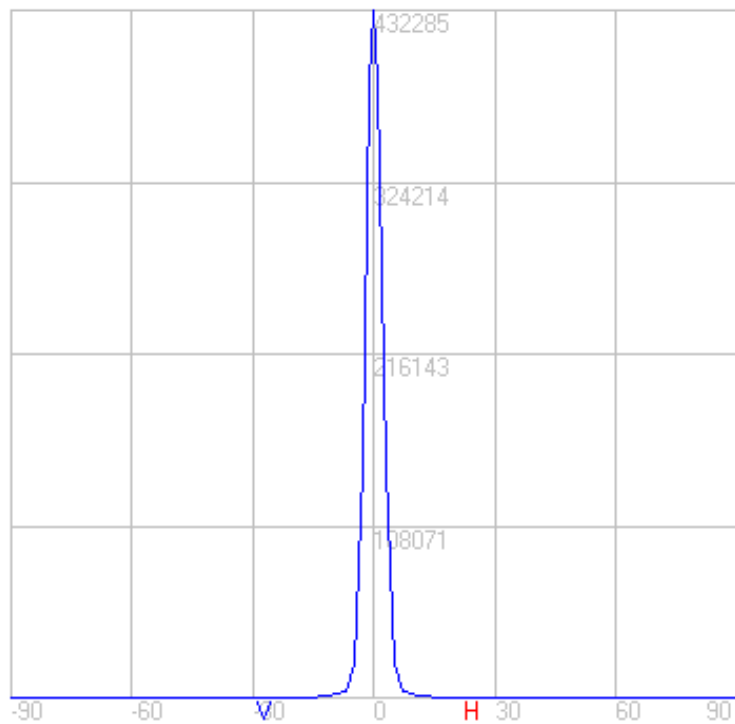
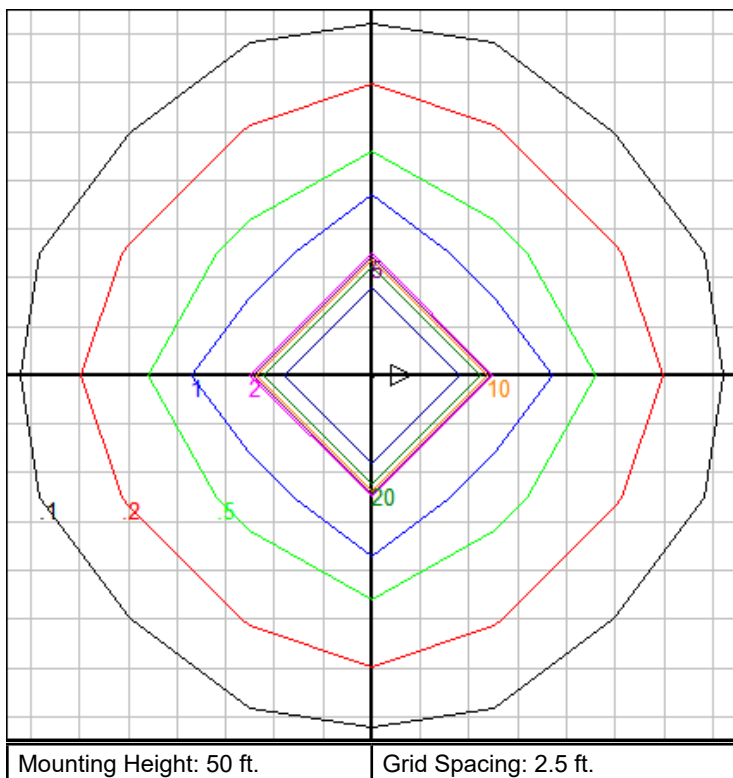


Characteristics

NEMA Type	0 H x 0 V
Maximum Candela	432285.363
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	4.8
Vertical Beam Angle (50%)	4.8
Horizontal Field Angle (10%)	9.3
Vertical Field Angle (10%)	9.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1689
Beam Efficiency	N.A.
Field Lumens	3375
Field Efficiency	N.A.
Spill Lumens	618
Luminaire Lumens	3549
Total Efficiency	N.A.
Total Luminaire Watts	109
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	3603.91
10-20	187.20
20-30	29.32
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	0.00
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

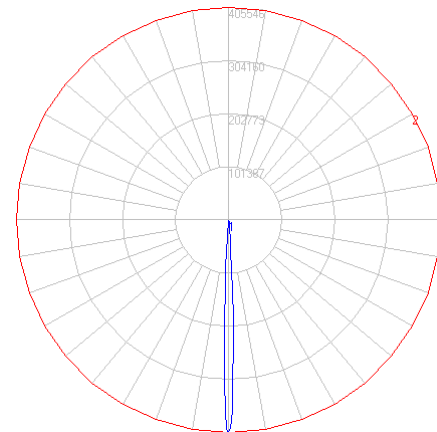


BEGA

Photometric Filename:

98017K27_BEGA_IES.ies

TEST: BE_98017K4
TEST LAB: BEGA
DATE: 7/5/2019
LUMINAIRE: 98 017K27
LAMP: 88.2W LED

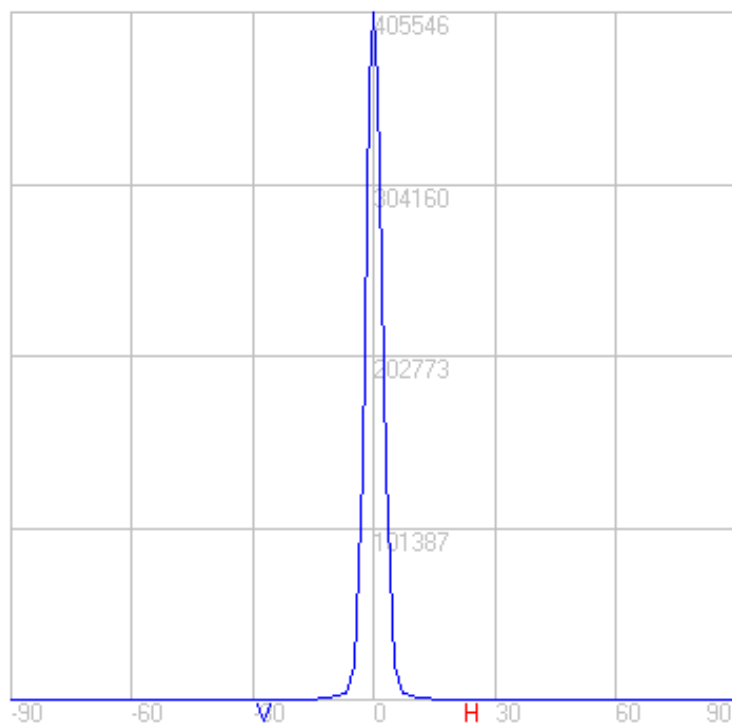
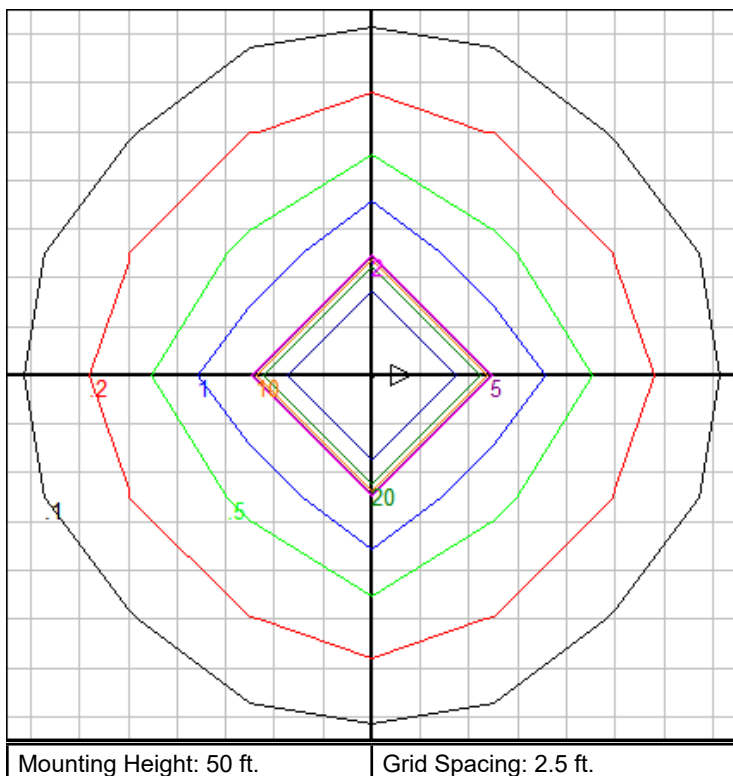


Characteristics

NEMA Type	0 H x 0 V
Maximum Candela	405546.062
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	4.8
Vertical Beam Angle (50%)	4.8
Horizontal Field Angle (10%)	9.3
Vertical Field Angle (10%)	9.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1584
Beam Efficiency	N.A.
Field Lumens	3167
Field Efficiency	N.A.
Spill Lumens	580
Luminaire Lumens	3228
Total Efficiency	N.A.
Total Luminaire Watts	109
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	3380.98
10-20	175.62
20-30	27.51
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	0.00
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



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