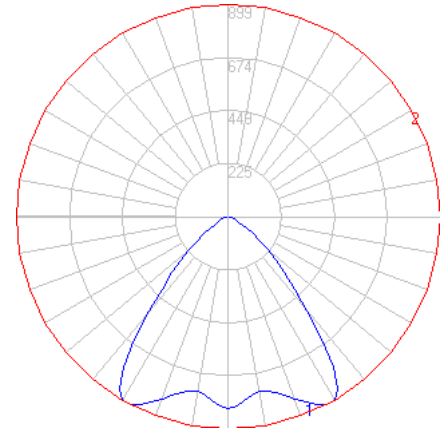


BEGA

File: 24447K4_BEGA_IES.ies

TEST: BE_24447K4
TEST LAB: BEGA
DATE: 6/24/2019
LUMINAIRE: 24 447K4
LAMP: 16.8W LED

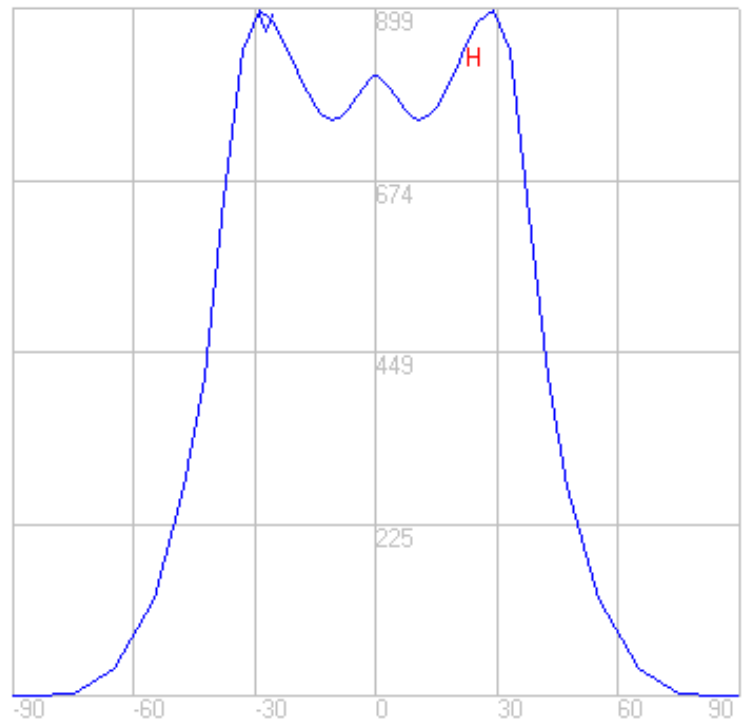
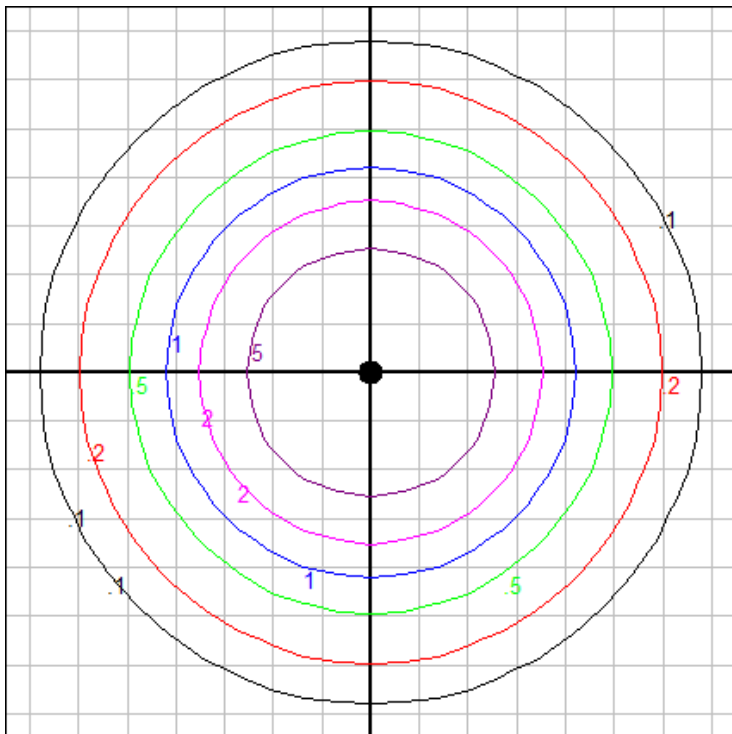


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	898.872
Maximum Candela Angle	-29 H -7 V
Horizontal Beam Angle (50%)	63.0
Vertical Beam Angle (50%)	82.8
Horizontal Field Angle (10%)	106.4
Vertical Field Angle (10%)	117.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1236
Beam Efficiency	N.A.
Field Lumens	1531
Field Efficiency	N.A.
Spill Lumens	72
Luminaire Lumens	1603
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	73.73
10-20	221.63
20-30	405.30
30-40	466.59
40-50	266.69
50-60	118.95
60-70	38.54
70-80	5.83
80-90	0.01
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



Mounting Height: 10 ft.

Grid Spacing: 2.5 ft.

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

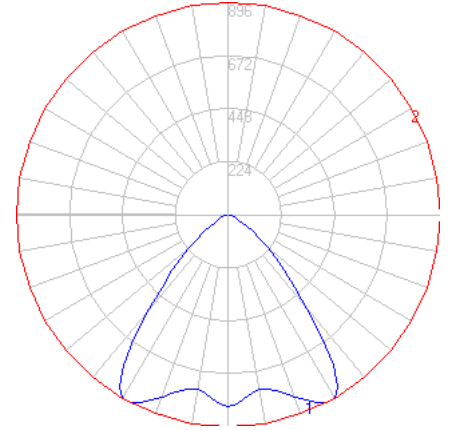
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BEGA

File: 24447K35_BEGA_IES.ies

TEST: BE_24447K4
TEST LAB: BEGA
DATE: 6/24/2019
LUMINAIRE: 24 447K35
LAMP: 16.8W LED

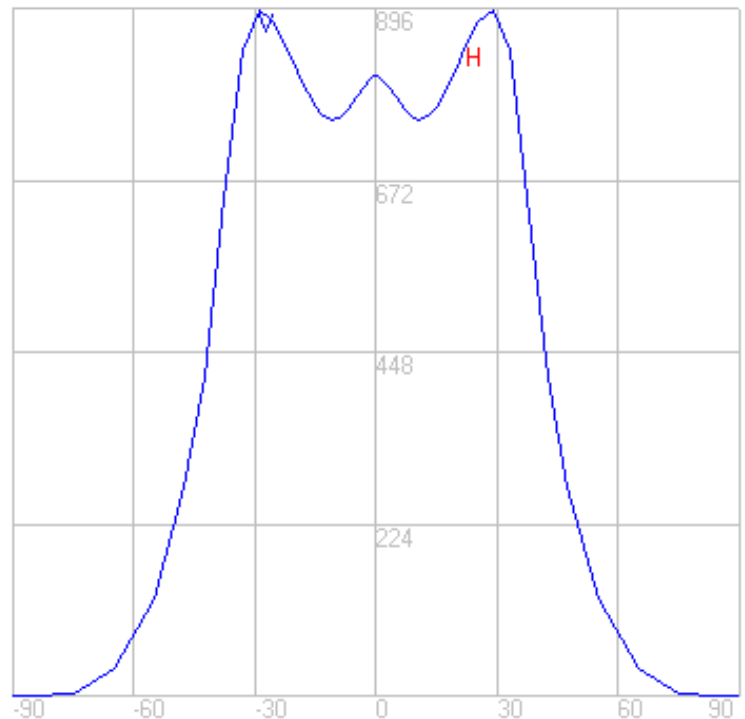
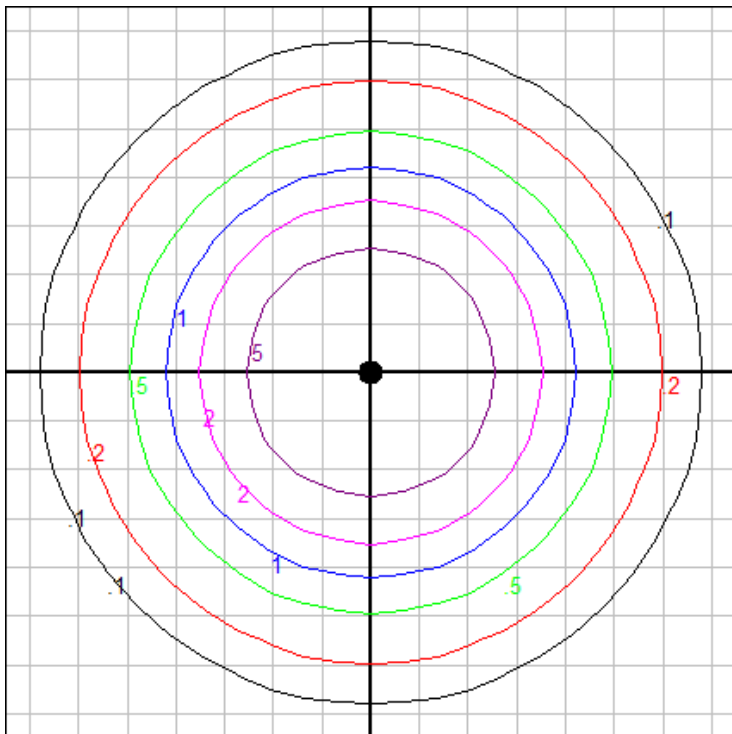


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	895.697
Maximum Candela Angle	-29 H -7 V
Horizontal Beam Angle (50%)	63.0
Vertical Beam Angle (50%)	82.8
Horizontal Field Angle (10%)	106.4
Vertical Field Angle (10%)	117.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1232
Beam Efficiency	N.A.
Field Lumens	1526
Field Efficiency	N.A.
Spill Lumens	72
Luminaire Lumens	1598
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	73.47
10-20	220.84
20-30	403.87
30-40	464.94
40-50	265.75
50-60	118.53
60-70	38.41
70-80	5.81
80-90	0.01
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	0.00v



Mounting Height: 10 ft.

Grid Spacing: 2.5 ft.

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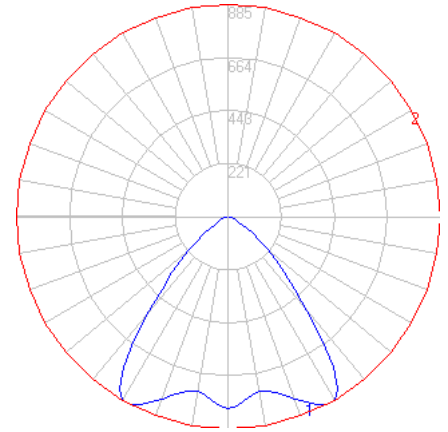
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File: 24447K3_BEGA_IES.ies

TEST: BE_24447K4
TEST LAB: BEGA
DATE: 6/24/2019
LUMINAIRE: 24 447K3
LAMP: 16.8W LED

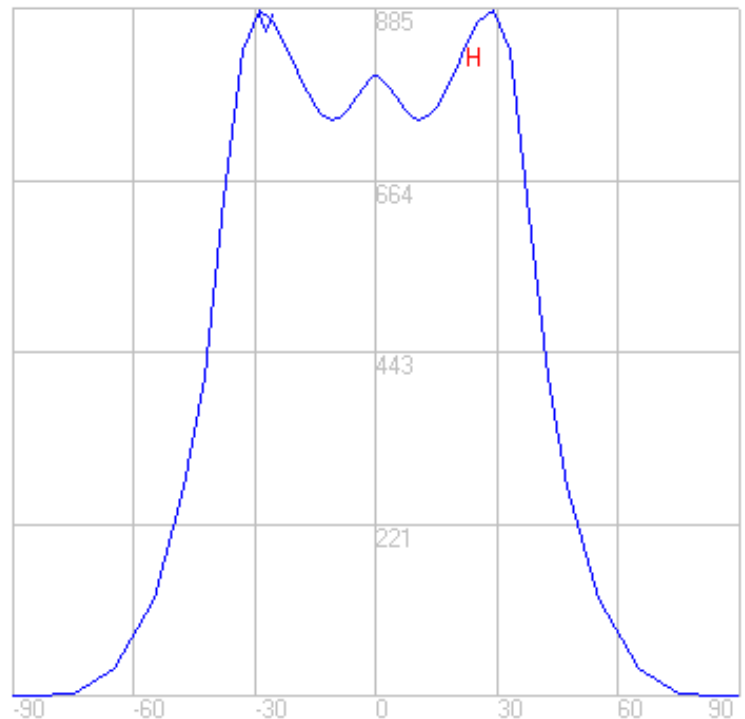
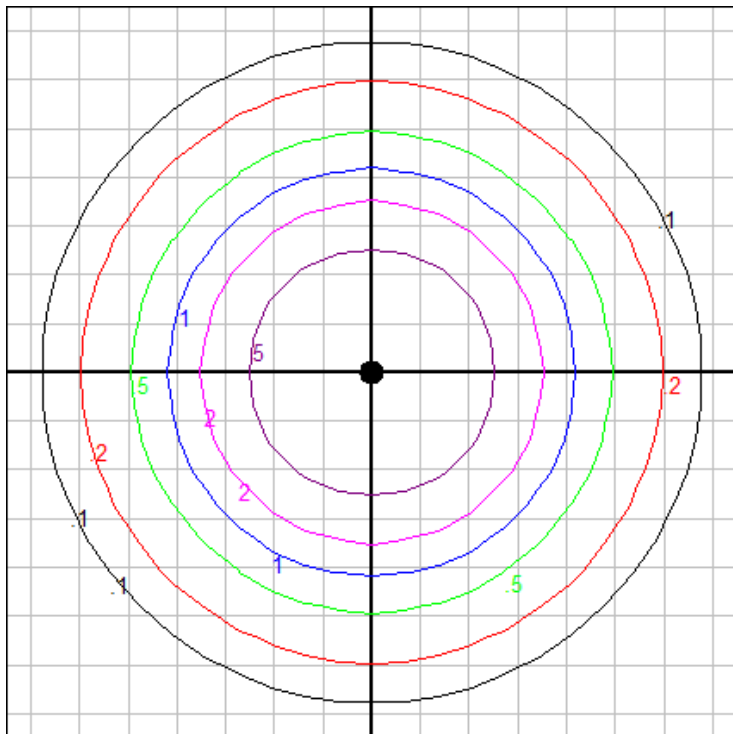


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	885.109
Maximum Candela Angle	-29 H -7 V
Horizontal Beam Angle (50%)	63.0
Vertical Beam Angle (50%)	82.8
Horizontal Field Angle (10%)	106.4
Vertical Field Angle (10%)	117.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1218
Beam Efficiency	N.A.
Field Lumens	1508
Field Efficiency	N.A.
Spill Lumens	71
Luminaire Lumens	1579
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	72.60
10-20	218.23
20-30	399.10
30-40	459.45
40-50	262.60
50-60	117.13
60-70	37.95
70-80	5.74
80-90	0.01
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



Mounting Height: 10 ft.

Grid Spacing: 2.5 ft.

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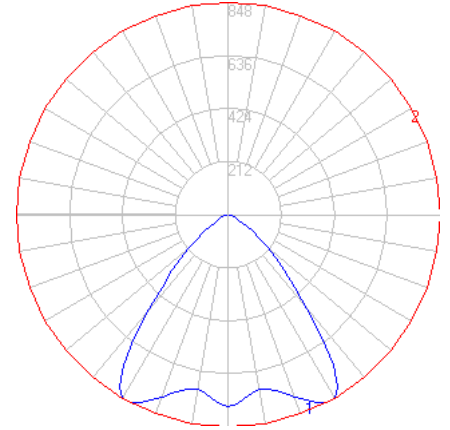
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File: 24447K27_BEGA_IES.ies

TEST: BE_24447K4
TEST LAB: BEGA
DATE: 6/24/2019
LUMINAIRE: 24 447K27
LAMP: 16.8W LED

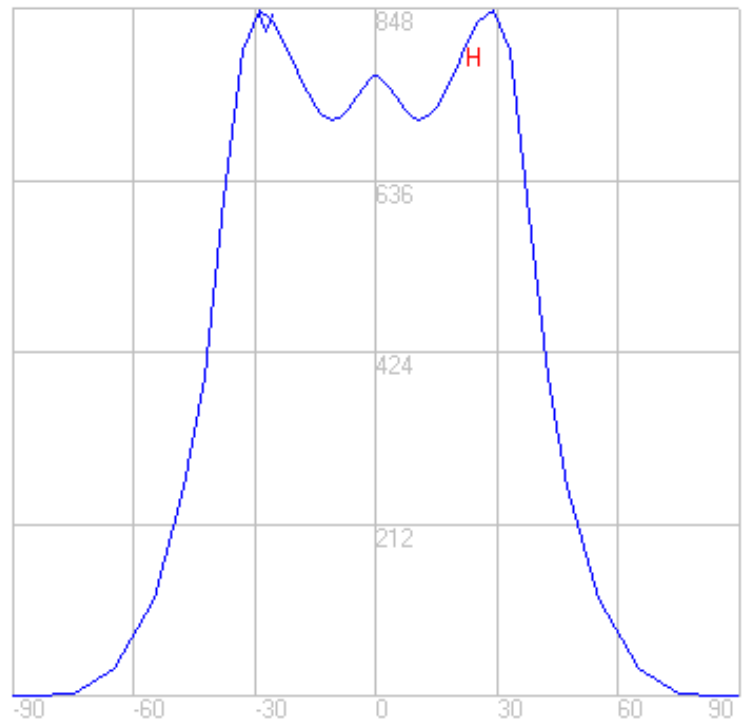
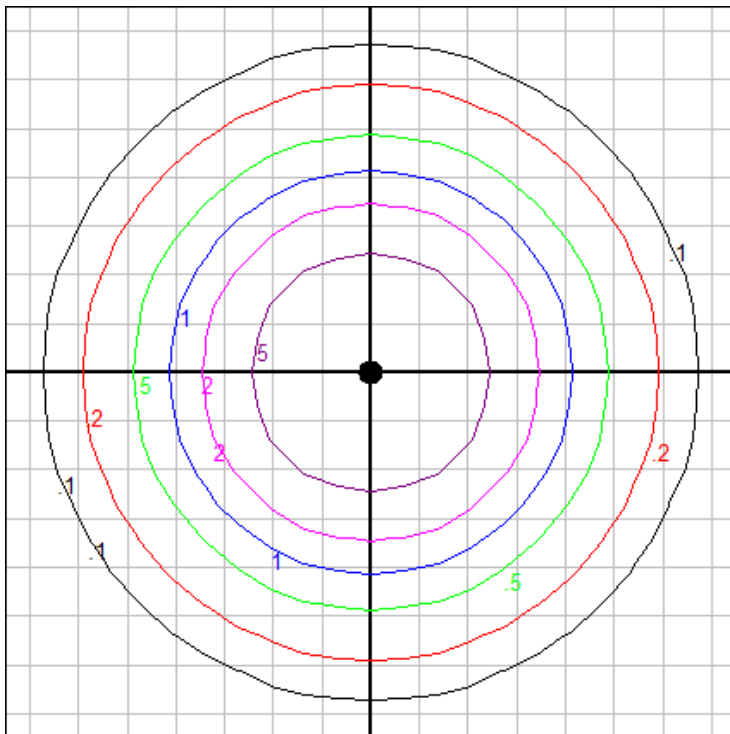


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	848.053
Maximum Candela Angle	-29 H -7 V
Horizontal Beam Angle (50%)	63.0
Vertical Beam Angle (50%)	82.8
Horizontal Field Angle (10%)	106.4
Vertical Field Angle (10%)	117.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1167
Beam Efficiency	N.A.
Field Lumens	1445
Field Efficiency	N.A.
Spill Lumens	68
Luminaire Lumens	1513
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	69.56
10-20	209.10
20-30	382.39
30-40	440.21
40-50	251.61
50-60	112.23
60-70	36.36
70-80	5.50
80-90	0.01
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



Mounting Height: 10 ft.

Grid Spacing: 2.5 ft.

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