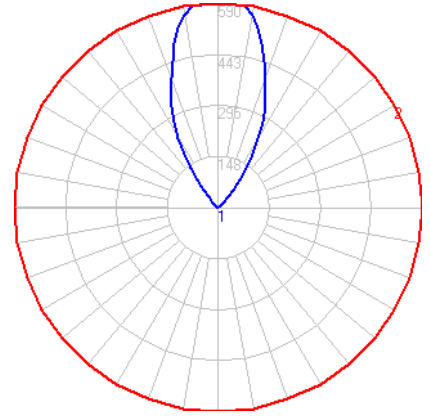


BEGA

File: B84576K4_BEGA_IES.ies

TEST: 84576K4
TEST LAB: BEGA
DATE: 08/19/2020
LUMINAIRE: 84576K4
LAMP: 4W LED

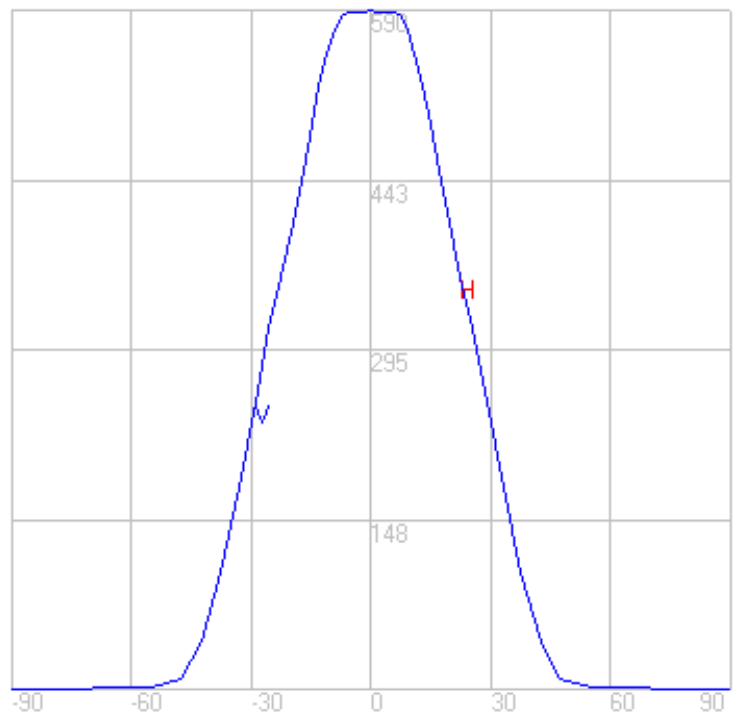
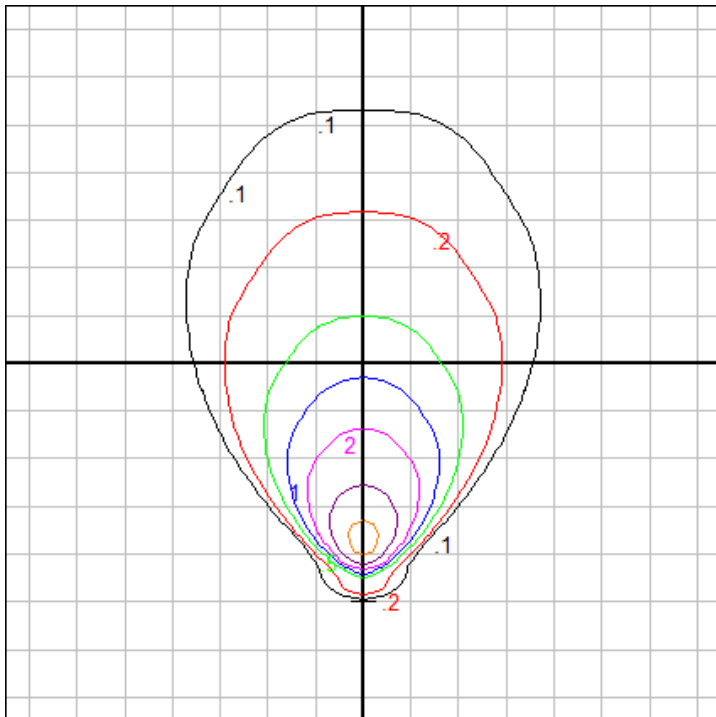


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	590.3
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	53.1
Vertical Beam Angle (50%)	53.1
Horizontal Field Angle (10%)	82.0
Vertical Field Angle (10%)	82.0
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	285
Beam Efficiency	N.A.
Field Lumens	430
Field Efficiency	N.A.
Spill Lumens	20
Luminaire Lumens	450
Total Efficiency	N.A.
Total Luminaire Watts	7
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	55.69
10-20	135.58
20-30	145.20
30-40	88.41
40-50	20.09
50-60	1.91
60-70	1.09
70-80	0.67
80-90	0.22
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



Setback Distance: 1.5 ft.

Grid Spacing: 2 ft.

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

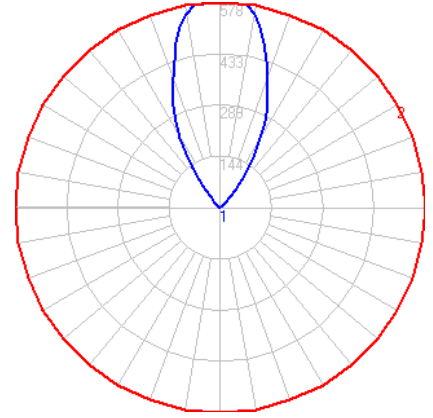
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File: B84576K4_BEGA_IES.ies

TEST: 84576K4
TEST LAB: BEGA
DATE: 08/19/2020
LUMINAIRE: 84576K35
LAMP: 4W LED

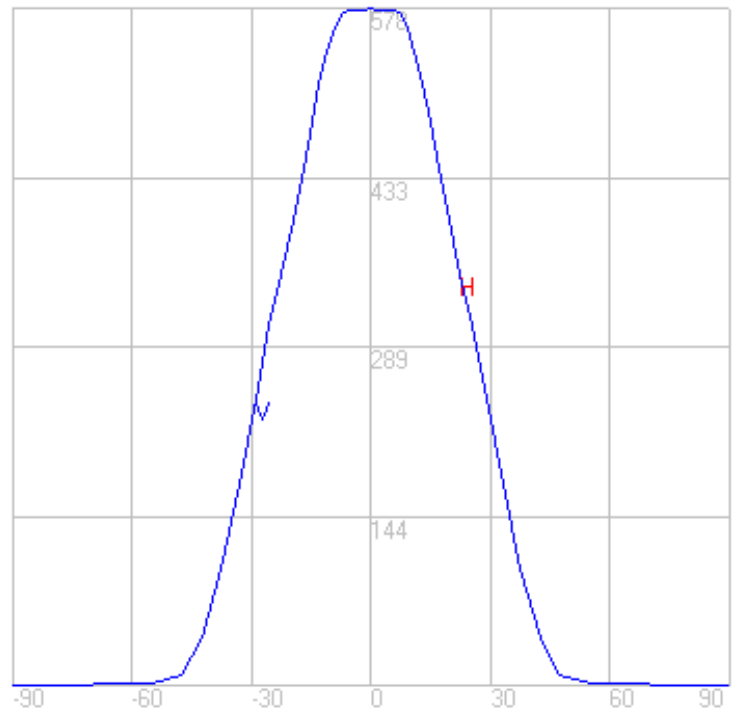
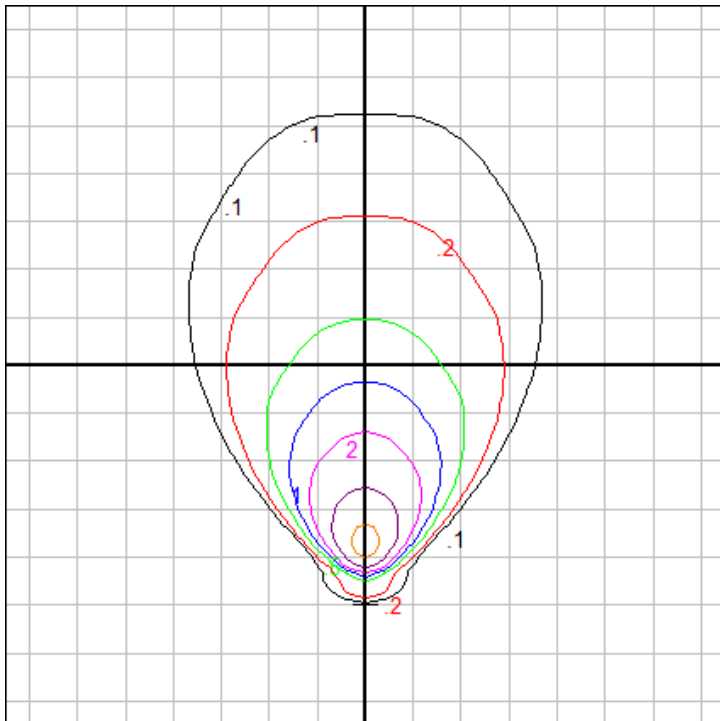


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	577.727
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	53.1
Vertical Beam Angle (50%)	53.1
Horizontal Field Angle (10%)	82.0
Vertical Field Angle (10%)	82.0
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	279
Beam Efficiency	N.A.
Field Lumens	421
Field Efficiency	N.A.
Spill Lumens	19
Luminaire Lumens	440
Total Efficiency	N.A.
Total Luminaire Watts	7
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	54.50
10-20	132.69
20-30	142.11
30-40	86.53
40-50	19.67
50-60	1.87
60-70	1.07
70-80	0.66
80-90	0.21
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



Setback Distance: 1.5 ft.

Grid Spacing: 2 ft.

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

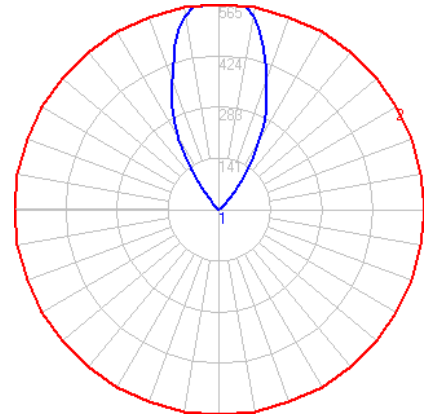
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File: B84576K4_BEGA_IES.ies

TEST: 84576K4
TEST LAB: BEGA
DATE: 08/19/2020
LUMINAIRE: 84576K3
LAMP: 4W LED

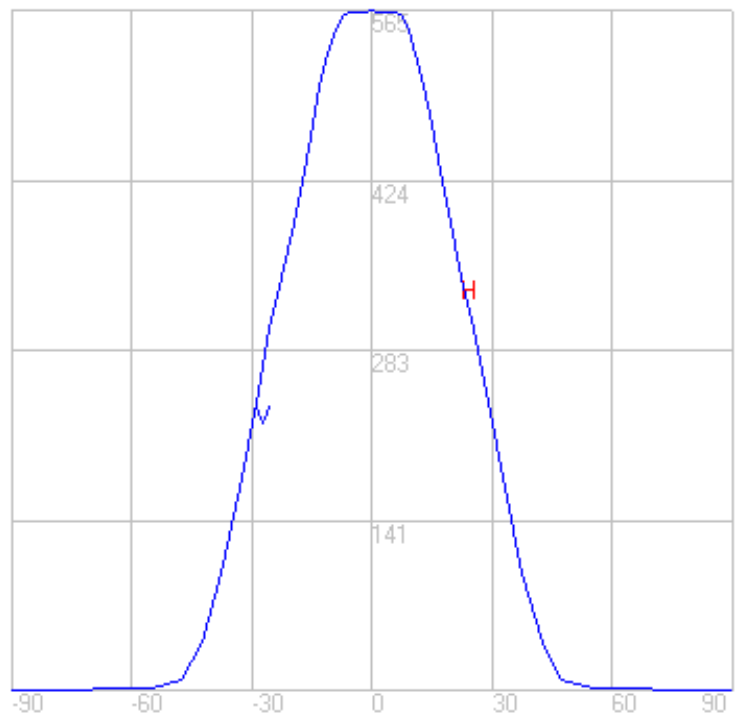
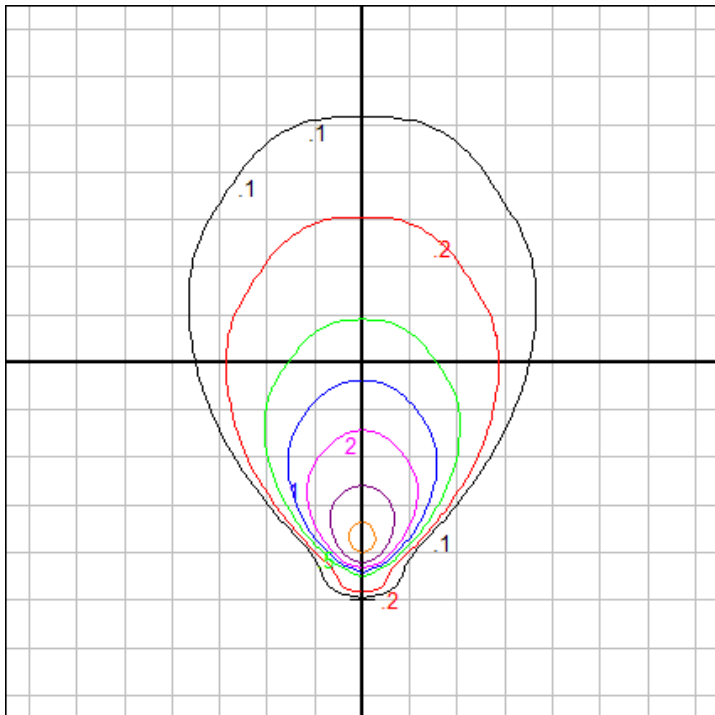


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	565.153
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	53.1
Vertical Beam Angle (50%)	53.1
Horizontal Field Angle (10%)	82.0
Vertical Field Angle (10%)	82.0
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	273
Beam Efficiency	N.A.
Field Lumens	412
Field Efficiency	N.A.
Spill Lumens	19
Luminaire Lumens	431
Total Efficiency	N.A.
Total Luminaire Watts	7
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	53.31
10-20	129.80
20-30	139.01
30-40	84.64
40-50	19.24
50-60	1.83
60-70	1.04
70-80	0.64
80-90	0.21
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



Setback Distance: 1.5 ft. Grid Spacing: 2 ft.

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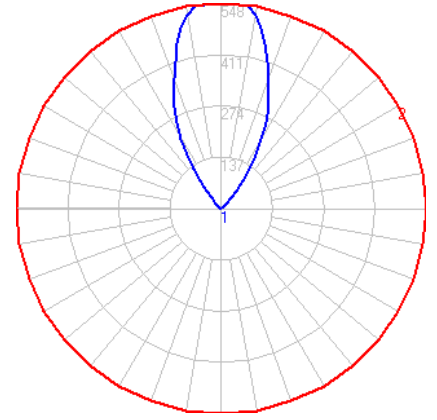
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File: B84576K4_BEGA_IES.ies

TEST: 84576K4
TEST LAB: BEGA
DATE: 08/19/2020
LUMINAIRE: 84576K27
LAMP: 4W LED

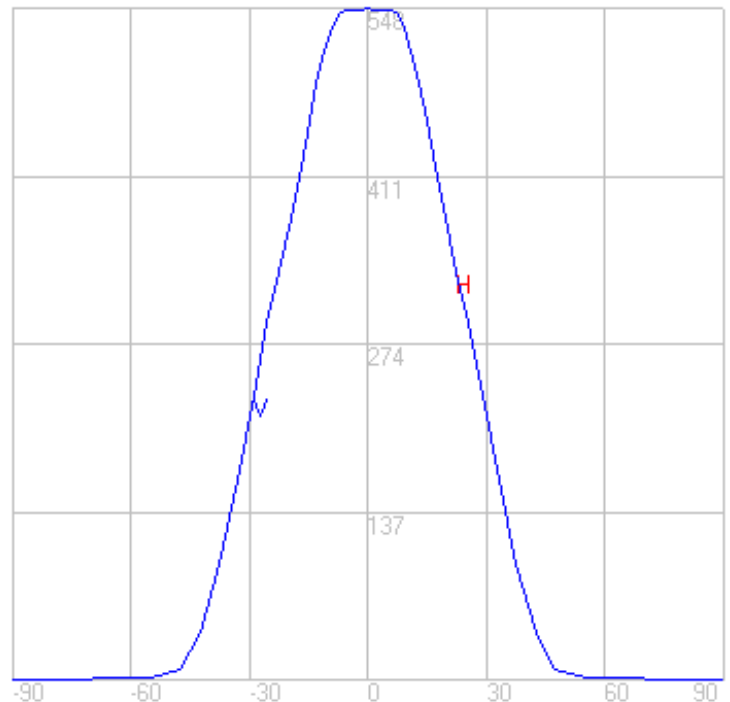
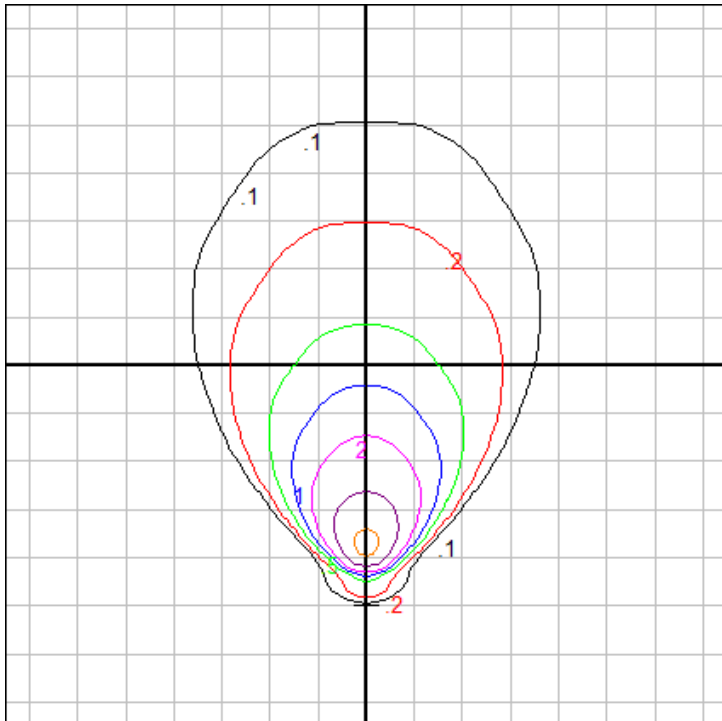


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	548.389
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	53.1
Vertical Beam Angle (50%)	53.1
Horizontal Field Angle (10%)	82.0
Vertical Field Angle (10%)	82.0
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	265
Beam Efficiency	N.A.
Field Lumens	400
Field Efficiency	N.A.
Spill Lumens	18
Luminaire Lumens	418
Total Efficiency	N.A.
Total Luminaire Watts	7
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	51.73
10-20	125.95
20-30	134.89
30-40	82.13
40-50	18.67
50-60	1.77
60-70	1.01
70-80	0.62
80-90	0.20
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



Setback Distance: 1.5 ft.

Grid Spacing: 2 ft.

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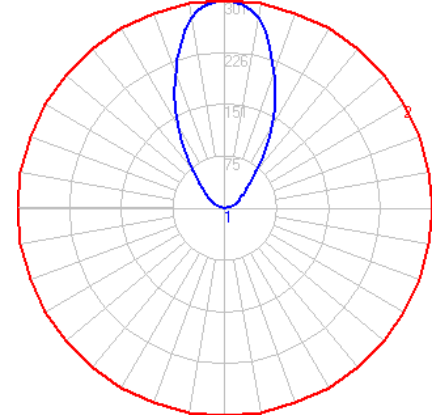
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B84576K4_NSL_BEGA_IES.ies

TEST: 84576RK4
 TEST LAB: BEGA
 DATE: 08/19/2020
 LUMINAIRE: 84576K4 + Non Skid Lens
 LAMP: 4W LED

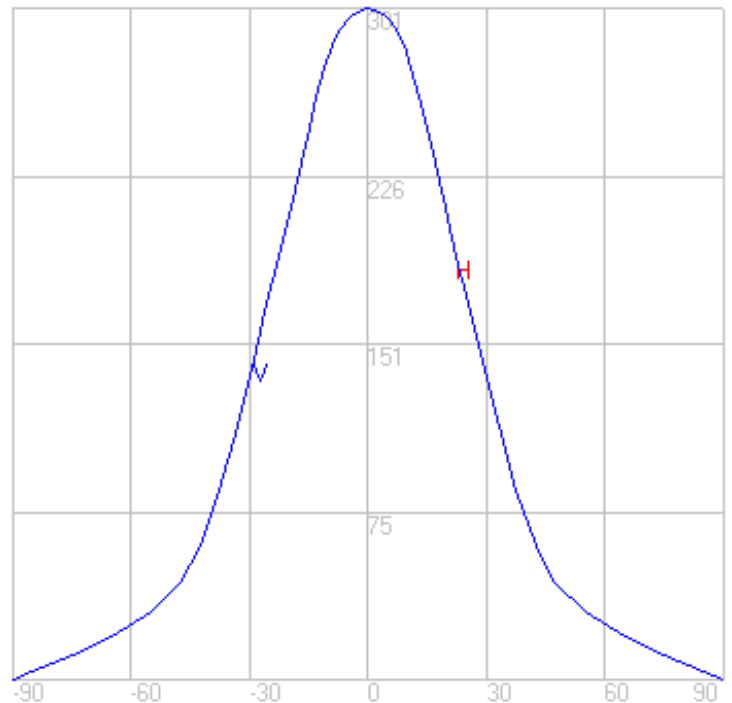
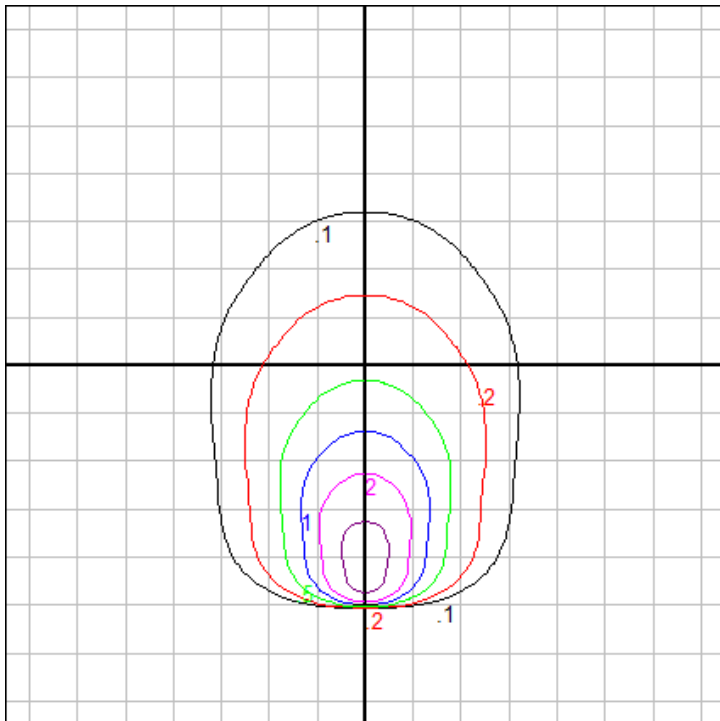


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	301.2
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	56.0
Vertical Beam Angle (50%)	56.0
Horizontal Field Angle (10%)	110.7
Vertical Field Angle (10%)	110.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	162
Beam Efficiency	N.A.
Field Lumens	296
Field Efficiency	N.A.
Spill Lumens	46
Luminaire Lumens	342
Total Efficiency	N.A.
Total Luminaire Watts	7
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	27.83
10-20	68.77
20-30	78.81
30-40	63.04
40-50	40.18
50-60	27.55
60-70	19.57
70-80	11.74
80-90	3.90
90-100	0.01
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



Setback Distance: 1.5 ft.

Grid Spacing: 2 ft.

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