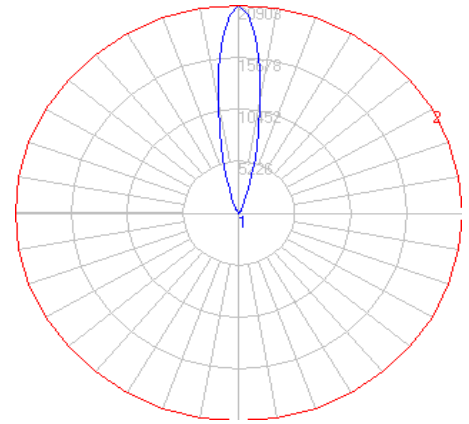


BEGA

File: 84557K4_BEGA_IES.ies

TEST: 84557K4
TEST LAB: BEGA
DATE: 06/23/2020
LUMINAIRE: 84557K4
LAMP: 35.7W LED

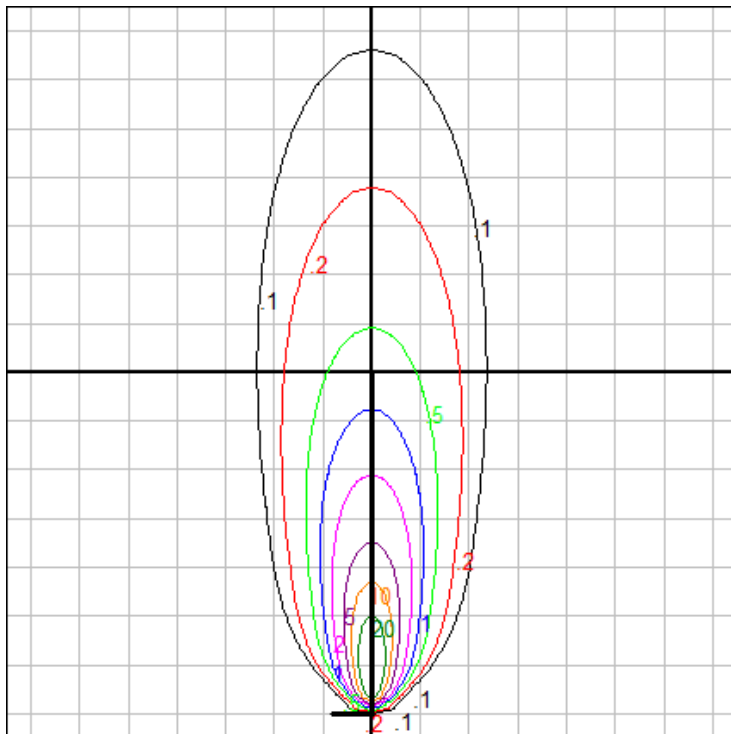


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	21445.9
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	21.5
Vertical Beam Angle (50%)	21.5
Horizontal Field Angle (10%)	43.4
Vertical Field Angle (10%)	43.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1650
Beam Efficiency	N.A.
Field Lumens	3349
Field Efficiency	N.A.
Spill Lumens	835
Luminaire Lumens	4184
Total Efficiency	N.A.
Total Luminaire Watts	41
Ballast Factor	1.00

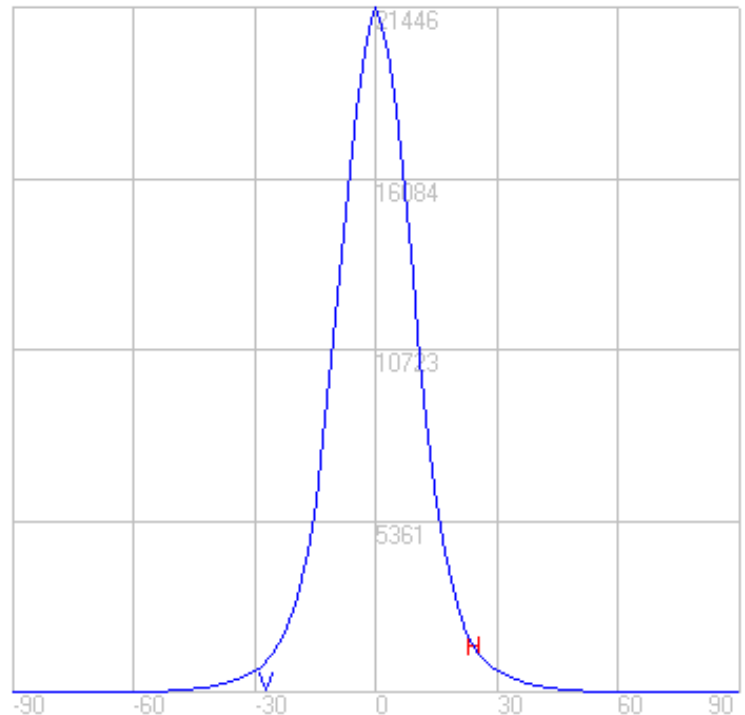
Zonal Lumen Summary

Zone	Lumens
0-10	1529.63
10-20	1689.32
20-30	628.90
30-40	232.12
40-50	83.68
50-60	20.66
60-70	4.48
70-80	1.89
80-90	0.41
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: 1.5 ft.

Grid Spacing: 5 ft.



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

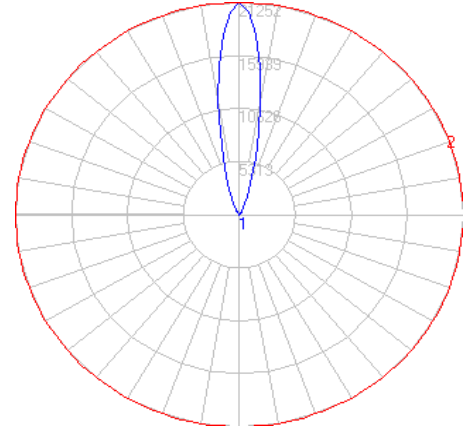
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File: 84557K35_BEGA_IES.ies

TEST: 84557K4
TEST LAB: BEGA
DATE: 06/23/2020
LUMINAIRE: 84557K35
LAMP: 35.7W LED

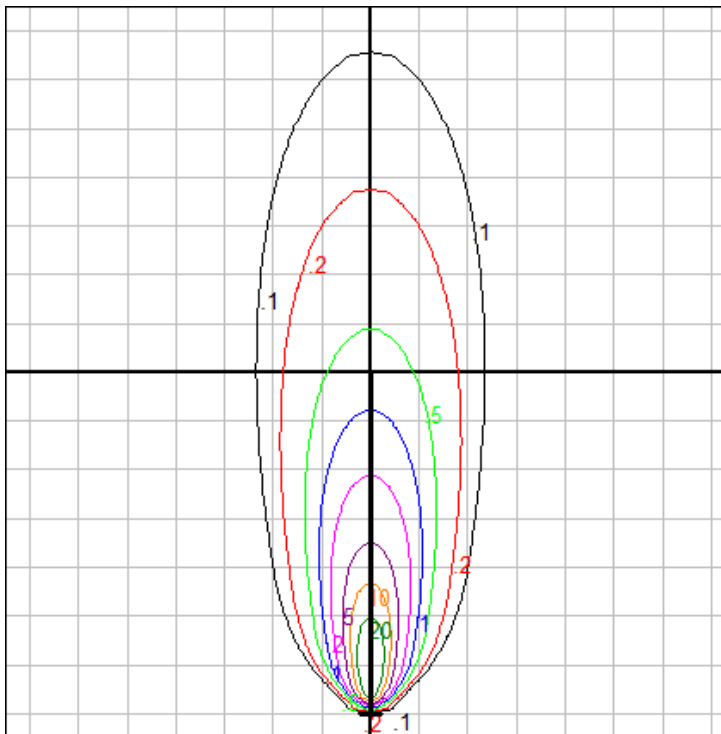


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	21252.887
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	21.5
Vertical Beam Angle (50%)	21.5
Horizontal Field Angle (10%)	43.4
Vertical Field Angle (10%)	43.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1636
Beam Efficiency	N.A.
Field Lumens	3319
Field Efficiency	N.A.
Spill Lumens	827
Luminaire Lumens	4146
Total Efficiency	N.A.
Total Luminaire Watts	41
Ballast Factor	1.00

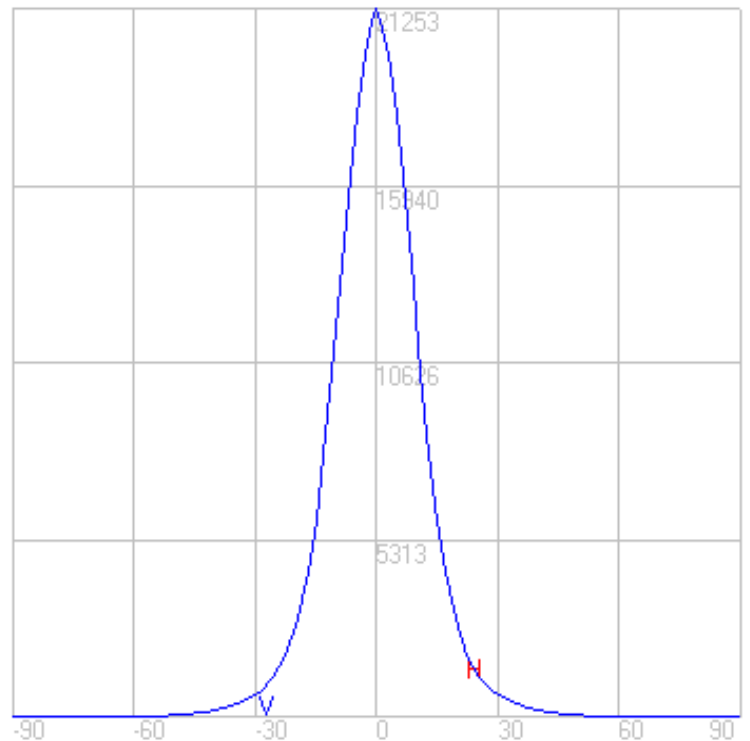
Zonal Lumen Summary

Zone	Lumens
0-10	1515.86
10-20	1674.11
20-30	623.23
30-40	230.03
40-50	82.92
50-60	20.48
60-70	4.44
70-80	1.87
80-90	0.40
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: 1.5 ft.

Grid Spacing: 5 ft.



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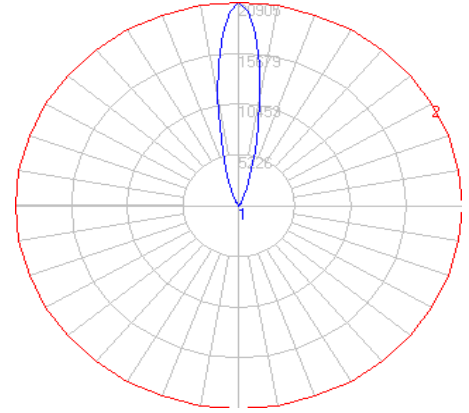
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BEGA

File: 84557K3_BEGA_IES.ies

TEST: 84557K4
TEST LAB: BEGA
DATE: 06/23/2020
LUMINAIRE: 84557K4
LAMP: 35.7W LED

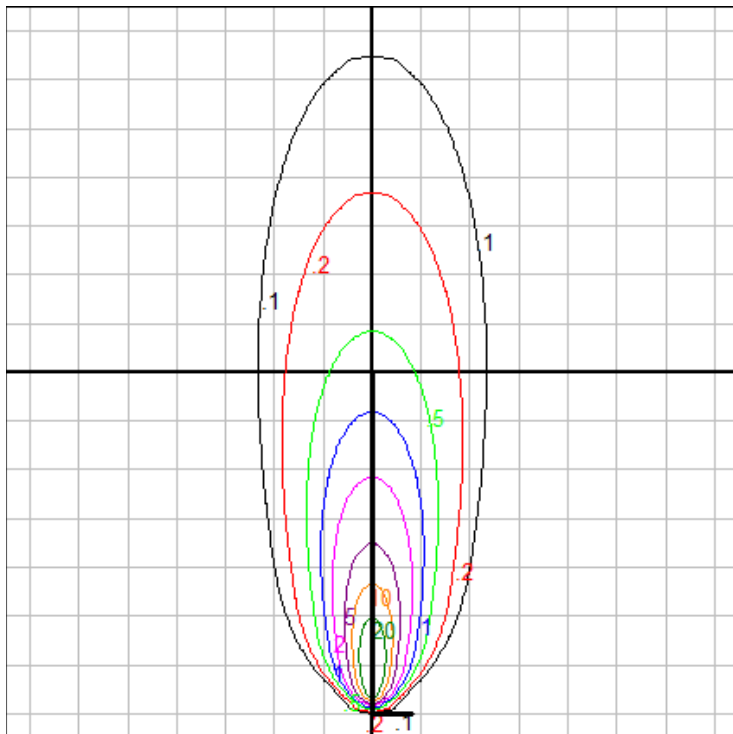


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	20905.463
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	21.5
Vertical Beam Angle (50%)	21.5
Horizontal Field Angle (10%)	43.4
Vertical Field Angle (10%)	43.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1609
Beam Efficiency	N.A.
Field Lumens	3265
Field Efficiency	N.A.
Spill Lumens	814
Luminaire Lumens	4078
Total Efficiency	N.A.
Total Luminaire Watts	41
Ballast Factor	1.00

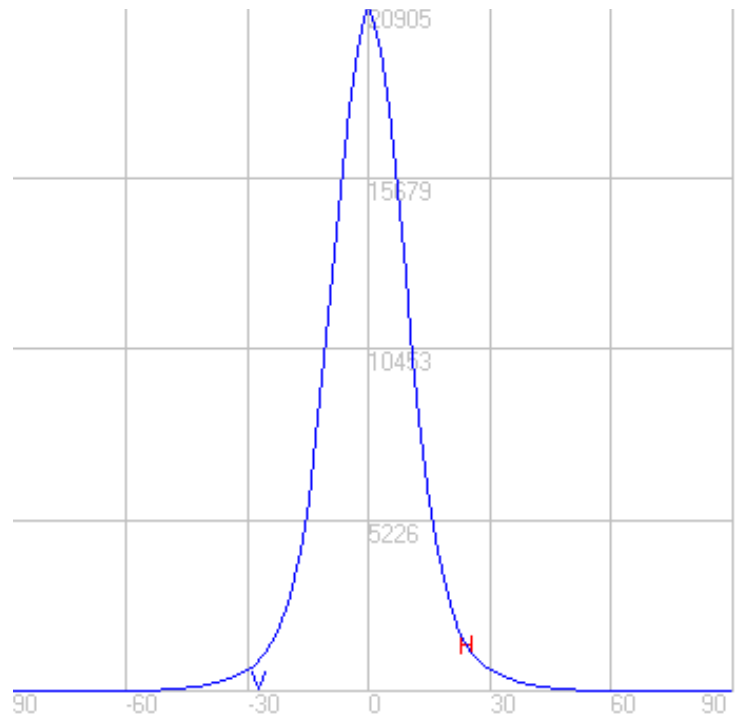
Zonal Lumen Summary

Zone	Lumens
0-10	1491.08
10-20	1646.75
20-30	613.05
30-40	226.27
40-50	81.57
50-60	20.14
60-70	4.37
70-80	1.84
80-90	0.40
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: 1.5 ft.

Grid Spacing: 5 ft.



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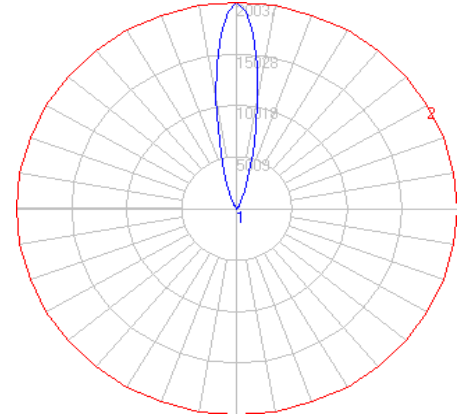
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File: 84557K27_BEGA_IES.ies

TEST: 84557K4
TEST LAB: BEGA
DATE: 06/23/2020
LUMINAIRE: 84557K27
LAMP: 35.7W LED

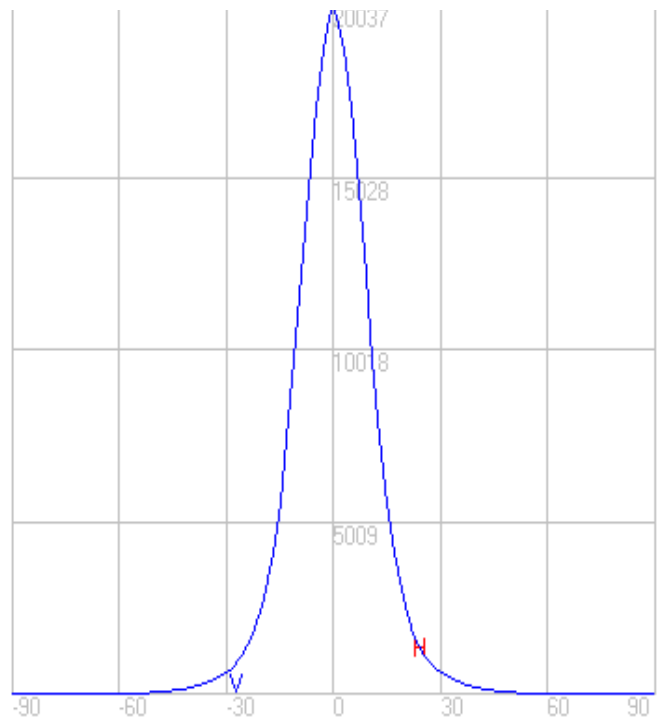
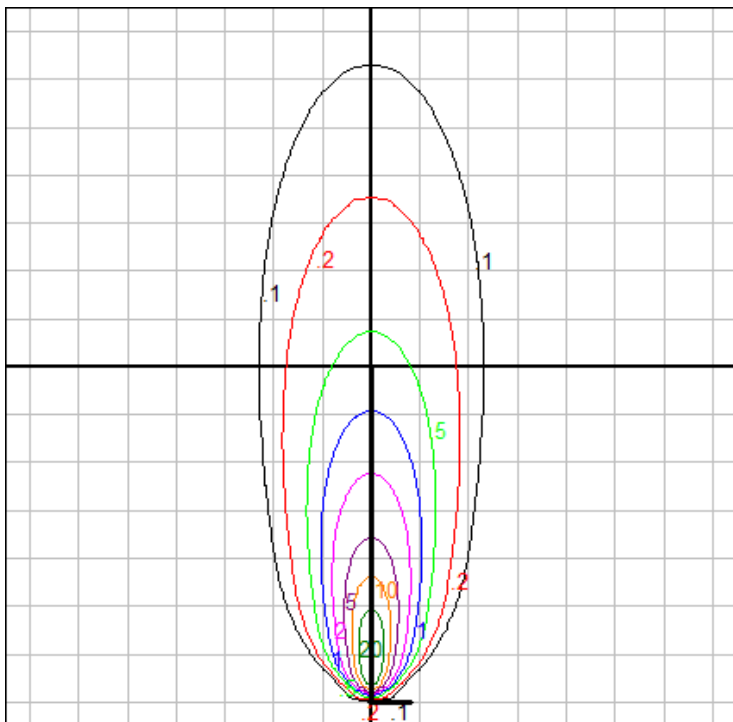


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	20036.904
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	21.5
Vertical Beam Angle (50%)	21.5
Horizontal Field Angle (10%)	43.4
Vertical Field Angle (10%)	43.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1542
Beam Efficiency	N.A.
Field Lumens	3129
Field Efficiency	N.A.
Spill Lumens	780
Luminaire Lumens	3909
Total Efficiency	N.A.
Total Luminaire Watts	41
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	1429.13
10-20	1578.33
20-30	587.58
30-40	216.87
40-50	78.18
50-60	19.30
60-70	4.19
70-80	1.76
80-90	0.38
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: 1.5 ft.

Grid Spacing: 5 ft.

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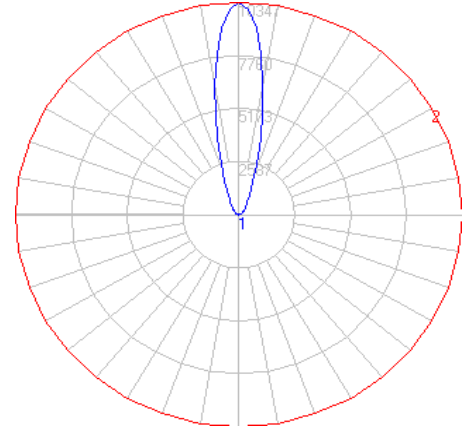
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File: 84557RK4_BEGA_IES.ies

TEST: 84557RK4
TEST LAB: BEGA
DATE: 06/23/2020
LUMINAIRE: 84557K4 + Non Skid Lens
LAMP: 35.7W LED

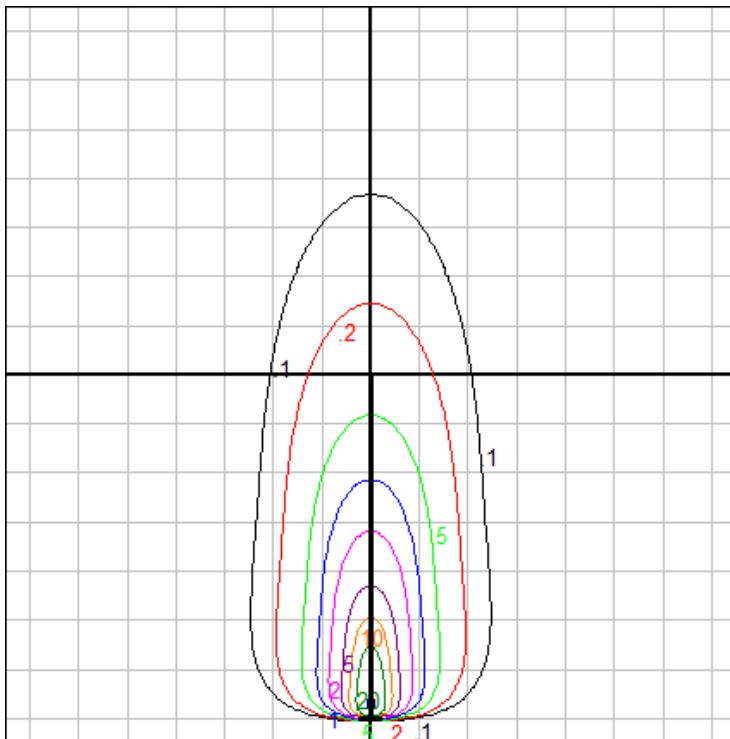


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	10346.7
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	24.7
Vertical Beam Angle (50%)	24.7
Horizontal Field Angle (10%)	56.4
Vertical Field Angle (10%)	56.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1068
Beam Efficiency	N.A.
Field Lumens	2417
Field Efficiency	N.A.
Spill Lumens	1236
Luminaire Lumens	3653
Total Efficiency	N.A.
Total Luminaire Watts	41
Ballast Factor	1.00

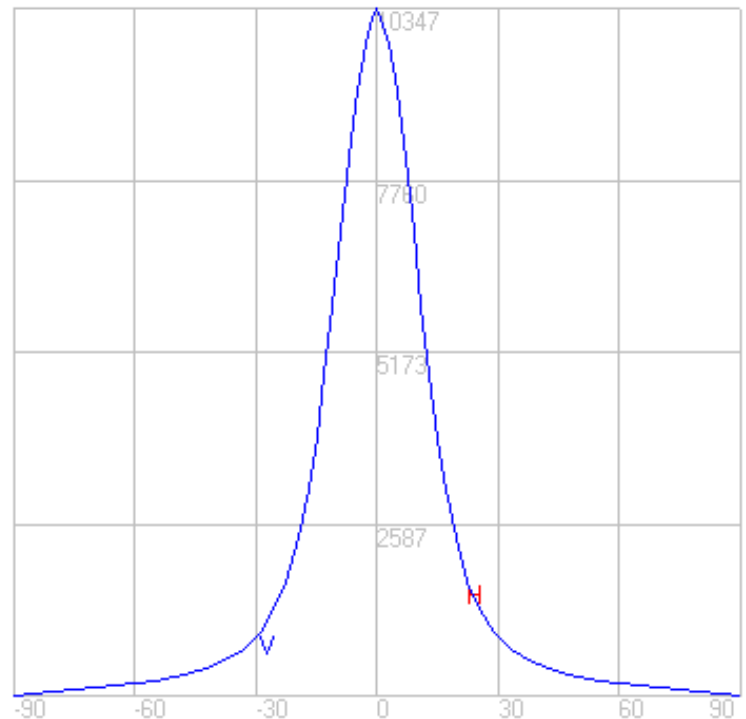
Zonal Lumen Summary

Zone	Lumens
0-10	783.55
10-20	1087.85
20-30	640.66
30-40	396.46
40-50	278.82
50-60	205.93
60-70	146.82
70-80	87.38
80-90	28.91
90-100	0.23
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: 1.5 ft.

Grid Spacing: 5 ft.



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