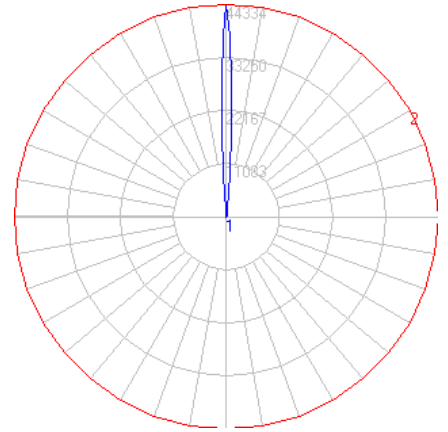


BEGA

File: 85038K4_BEGA_IES.ies

TEST: BE_85038K4
TEST LAB: BEGA
DATE: 02/11/2022
LUMINAIRE: 85038K4
LAMP: 12.8W LED

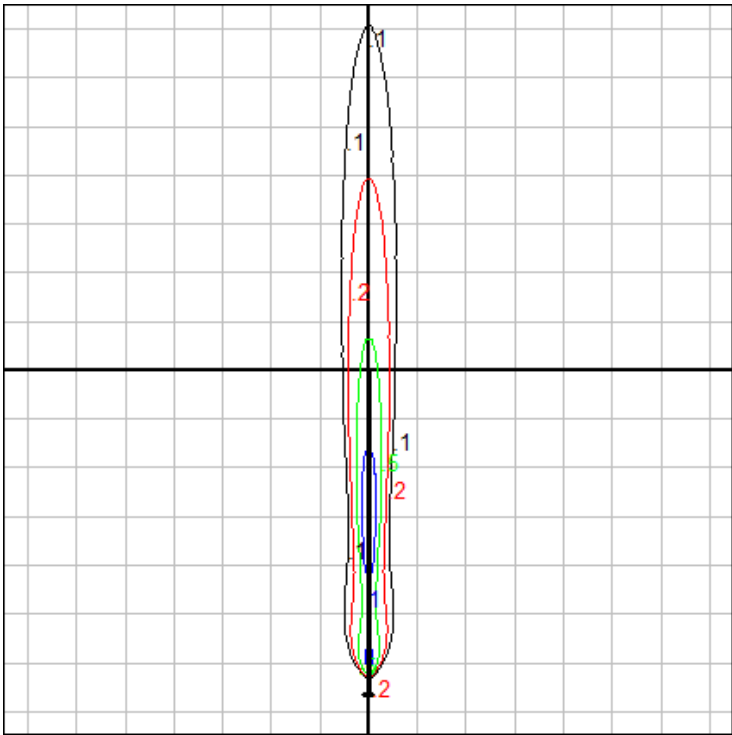


Characteristics

NEMA Type	1 H x 1 V
Maximum Candela	44333.898
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	5.3
Vertical Beam Angle (50%)	5.3
Horizontal Field Angle (10%)	10.1
Vertical Field Angle (10%)	10.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	174
Beam Efficiency	N.A.
Field Lumens	435
Field Efficiency	N.A.
Spill Lumens	138
Luminaire Lumens	573
Total Efficiency	N.A.
Total Luminaire Watts	18
Ballast Factor	1.00

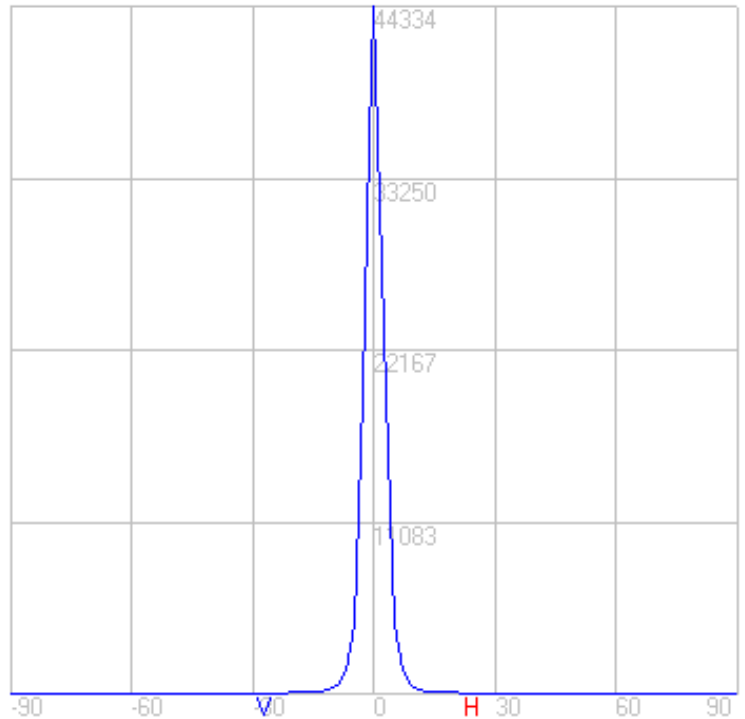
Zonal Lumen Summary

Zone	Lumens
0-10	551.61
10-20	41.88
20-30	12.79
30-40	1.13
40-50	0.07
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



Setback Distance: 1.5 ft.

Grid Spacing: 6 ft.

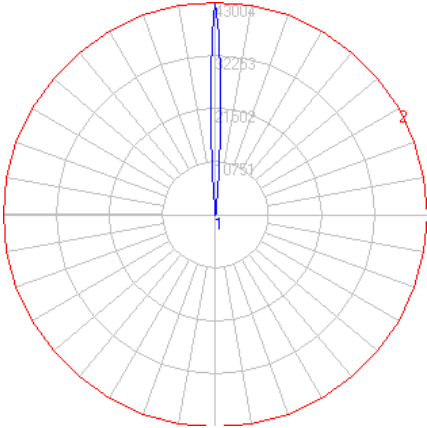


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

BEGA

File: 85038K35_BEGA_IES.ies

TEST: BE_85038K4
TEST LAB: BEGA
DATE: 02/11/2022
LUMINAIRE: 85038K35
LAMP: 12.8W LED

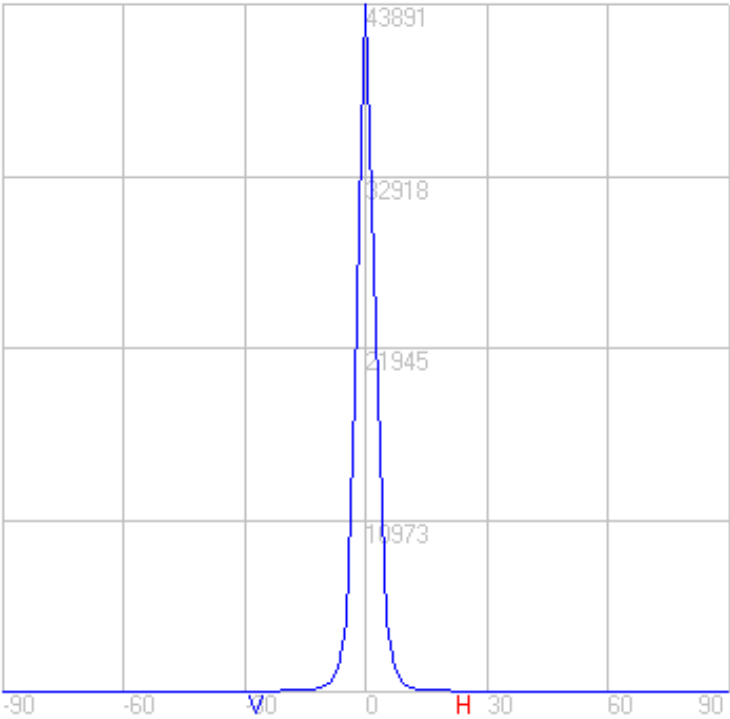
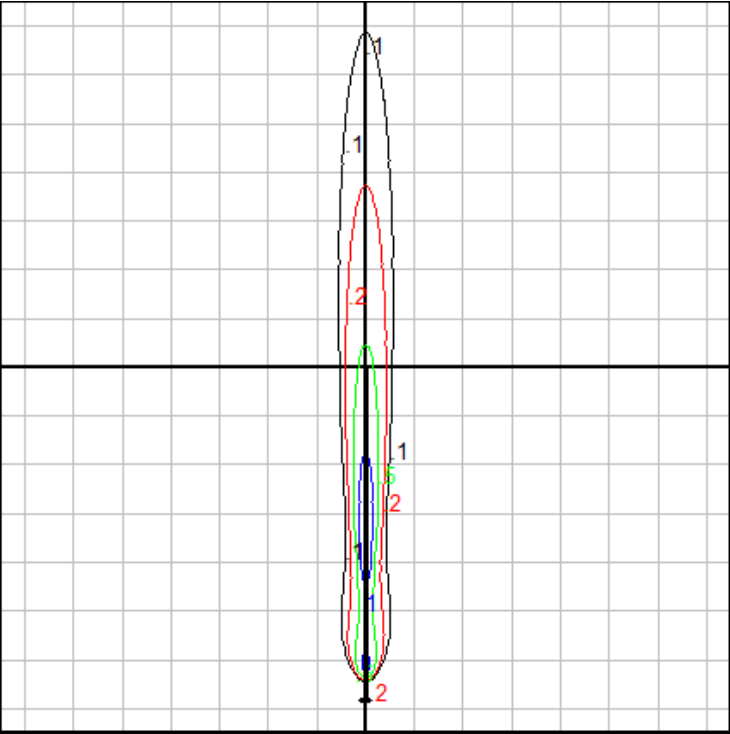


Characteristics

NEMA Type	1 H x 1 V
Maximum Candela	43890.56
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	5.3
Vertical Beam Angle (50%)	5.3
Horizontal Field Angle (10%)	10.1
Vertical Field Angle (10%)	10.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	172
Beam Efficiency	N.A.
Field Lumens	431
Field Efficiency	N.A.
Spill Lumens	136
Luminaire Lumens	567
Total Efficiency	N.A.
Total Luminaire Watts	18
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	546.10
10-20	41.46
20-30	12.65
30-40	1.12
40-50	0.06
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



Setback Distance: 1.5 ft.

Grid Spacing: 6 ft.

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

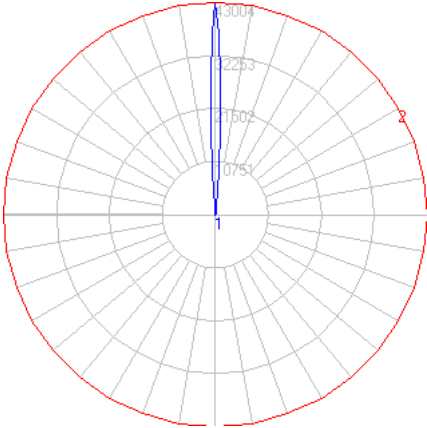
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BEGA

File: 85038K3_BEGA_IES.ies

TEST: BE_85038K4
TEST LAB: BEGA
DATE: 02/11/2022
LUMINAIRE: 85038K3
LAMP: 12.8W LED

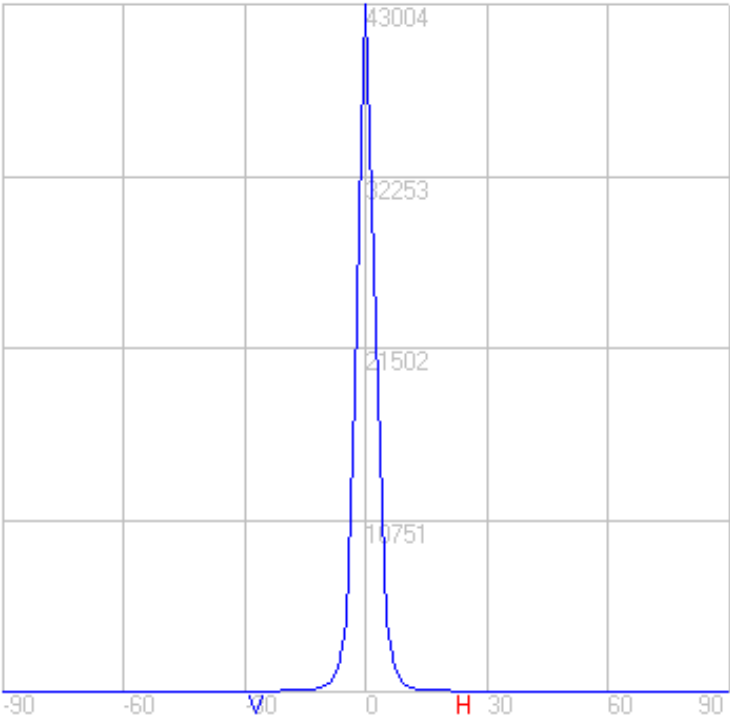
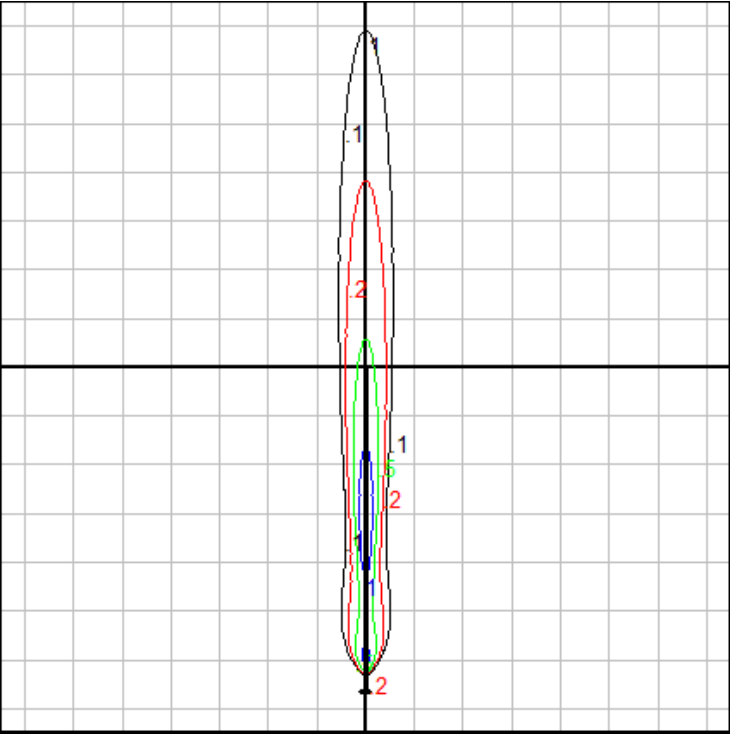


Characteristics

NEMA Type	1 H x 1 V
Maximum Candela	43003.883
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	5.3
Vertical Beam Angle (50%)	5.3
Horizontal Field Angle (10%)	10.1
Vertical Field Angle (10%)	10.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	168
Beam Efficiency	N.A.
Field Lumens	422
Field Efficiency	N.A.
Spill Lumens	133
Luminaire Lumens	556
Total Efficiency	N.A.
Total Luminaire Watts	18
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	535.06
10-20	40.62
20-30	12.40
30-40	1.10
40-50	0.06
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

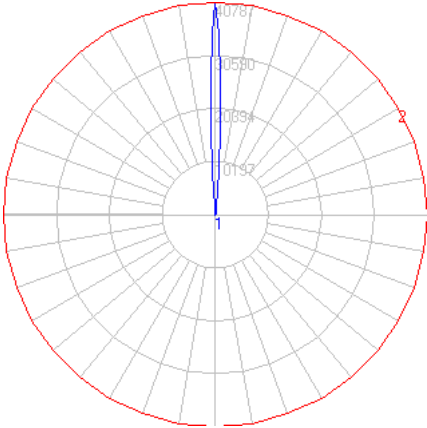


Setback Distance: 1.5 ft. Grid Spacing: 6 ft.

BEGA

File: 85038K27_BEGA_IES.ies

TEST: BE_85038K4
TEST LAB: BEGA
DATE: 02/11/2022
LUMINAIRE: 85038K27
LAMP: 12.8W LED

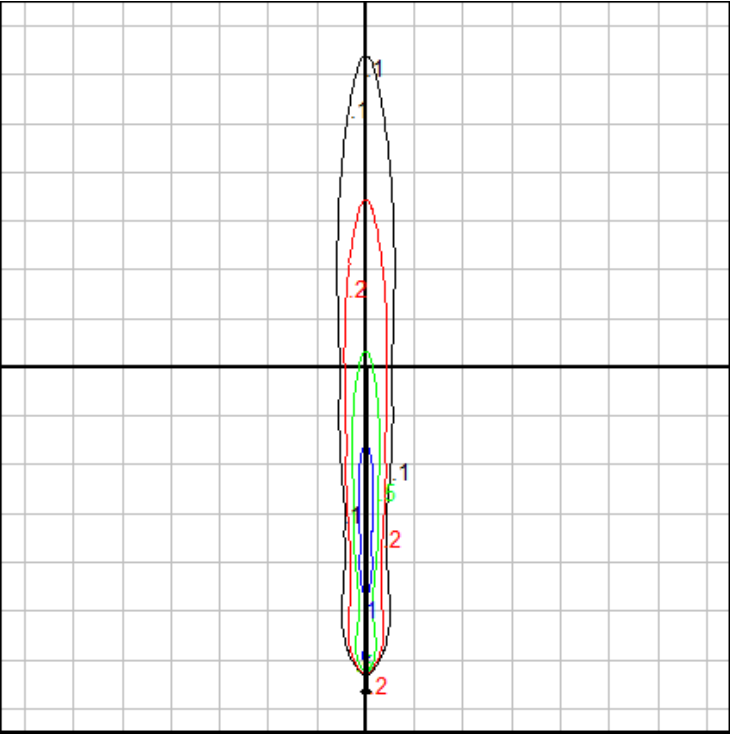


Characteristics

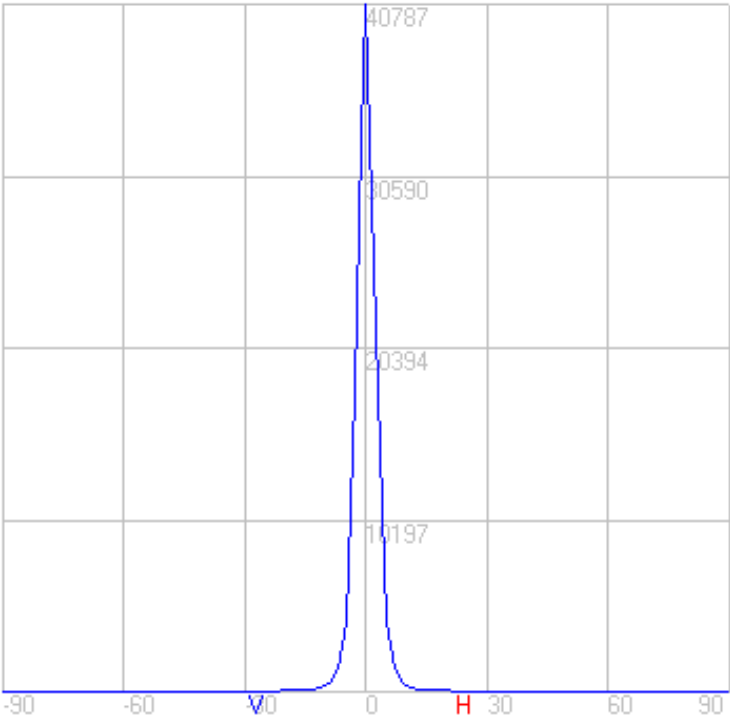
NEMA Type	1 H x 1 V
Maximum Candela	40787.187
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	5.3
Vertical Beam Angle (50%)	5.3
Horizontal Field Angle (10%)	10.1
Vertical Field Angle (10%)	10.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	160
Beam Efficiency	N.A.
Field Lumens	401
Field Efficiency	N.A.
Spill Lumens	127
Luminaire Lumens	527
Total Efficiency	N.A.
Total Luminaire Watts	18
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	507.48
10-20	38.52
20-30	11.76
30-40	1.04
40-50	0.06
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



Setback Distance: 1.5 ft. Grid Spacing: 6 ft.

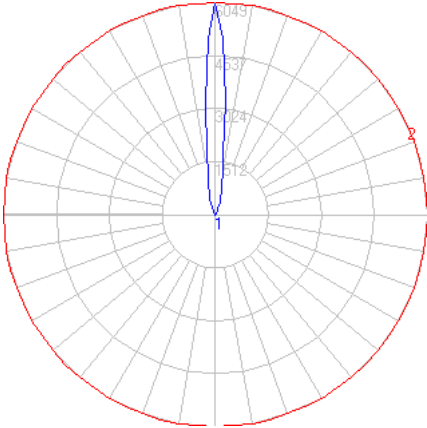


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BEGA

File: 85038K4_NSL_BEGA_IES.ies

TEST: BE_85038K4
TEST LAB: BEGA
DATE: 02/11/2022
LUMINAIRE: 85038K4 + Non Skid Lens
LAMP: 12.8W LED

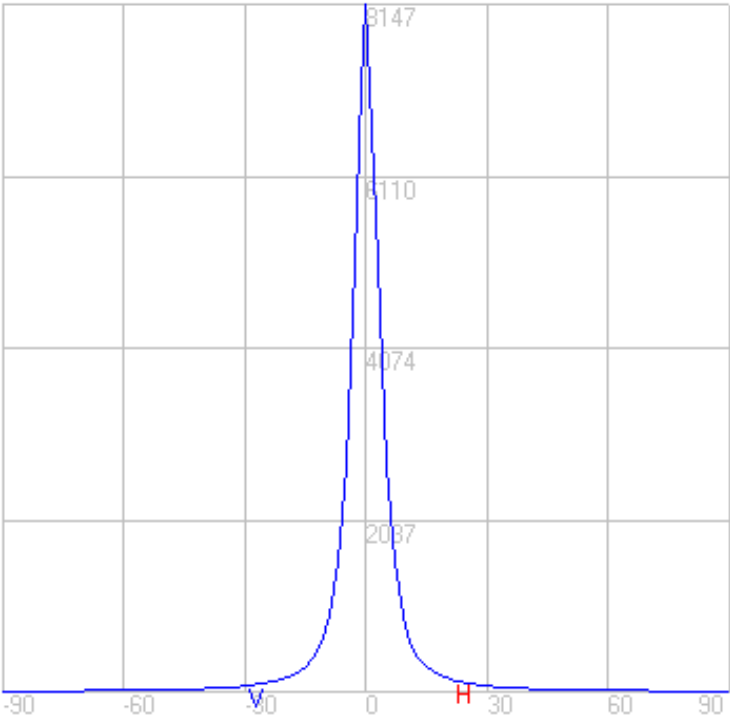
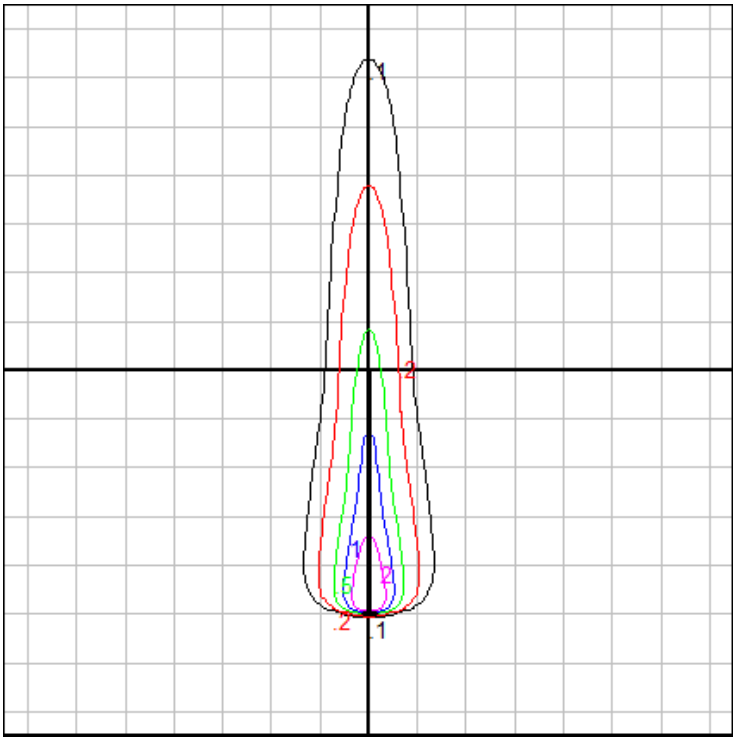


Characteristics

NEMA Type	2 H x 2 V
Maximum Candela	8147.2
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	7.7
Vertical Beam Angle (50%)	7.7
Horizontal Field Angle (10%)	19.1
Vertical Field Angle (10%)	19.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	63
Beam Efficiency	N.A.
Field Lumens	200
Field Efficiency	N.A.
Spill Lumens	253
Luminaire Lumens	453
Total Efficiency	N.A.
Total Luminaire Watts	18
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	216.13
10-20	89.86
20-30	50.96
30-40	33.35
40-50	24.28
50-60	18.59
60-70	13.86
70-80	8.83
80-90	3.13
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: 1.5ft.

Grid Spacing: 4ft.

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