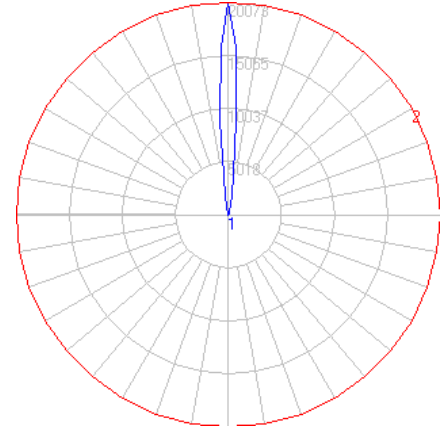


BEGA

File: 84895K4_BEGA_IES.ies

TEST: BE_84895K4
TEST LAB: BEGA
DATE: 04/30/2021
LUMINAIRE: 84898K4
LAMP: 12.8W LED

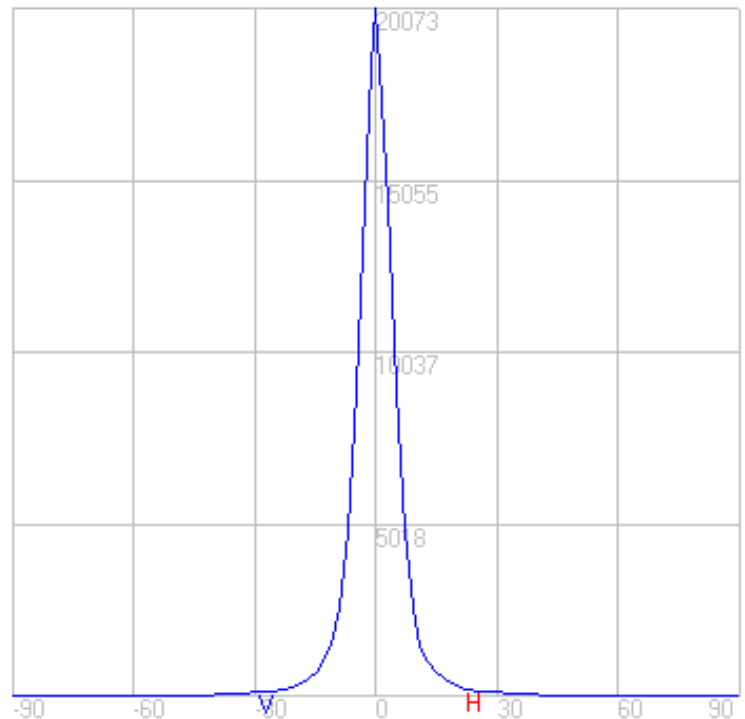
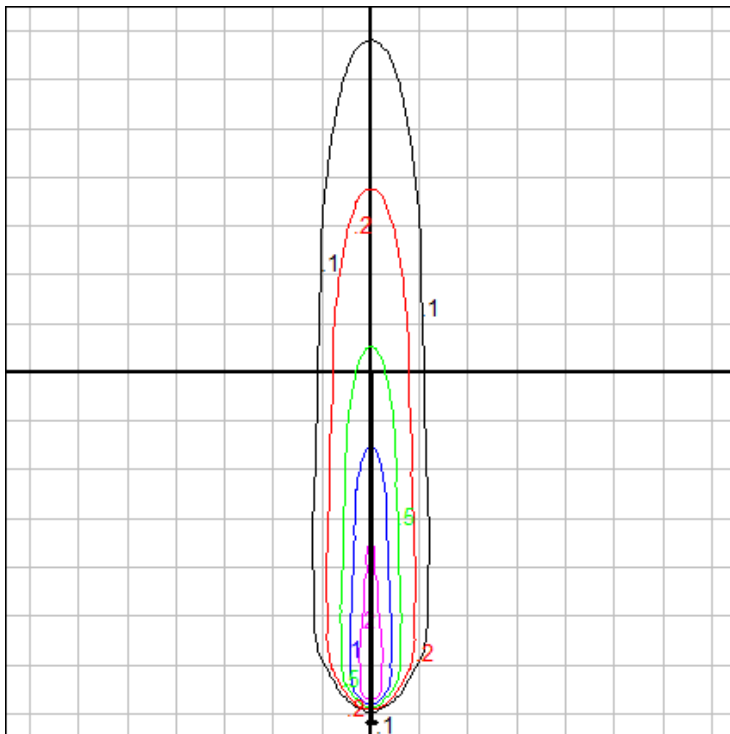


Characteristics

NEMA Type	2 H x 2 V
Maximum Candela	20073
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	9.2
Vertical Beam Angle (50%)	9.2
Horizontal Field Angle (10%)	20.1
Vertical Field Angle (10%)	20.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	327
Beam Efficiency	N.A.
Field Lumens	601
Field Efficiency	N.A.
Spill Lumens	350
Luminaire Lumens	950
Total Efficiency	N.A.
Total Luminaire Watts	15
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	634.76
10-20	207.35
20-30	76.01
30-40	35.61
40-50	9.36
50-60	1.65
60-70	0.01
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: 2 ft.

Grid Spacing: 5 ft.

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

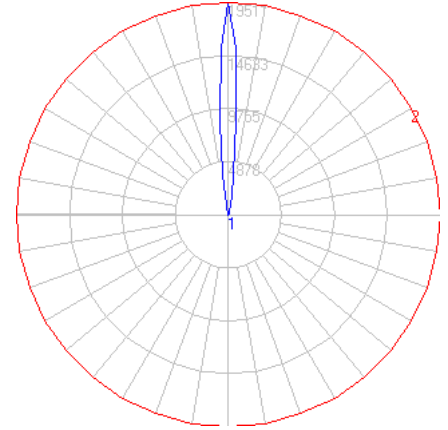
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BEGA

File: 84895K35_BEGA_IES.ies

TEST: BE_84895K4
TEST LAB: BEGA
DATE: 04/30/2021
LUMINAIRE: 84895K35
LAMP: 12.8W LED

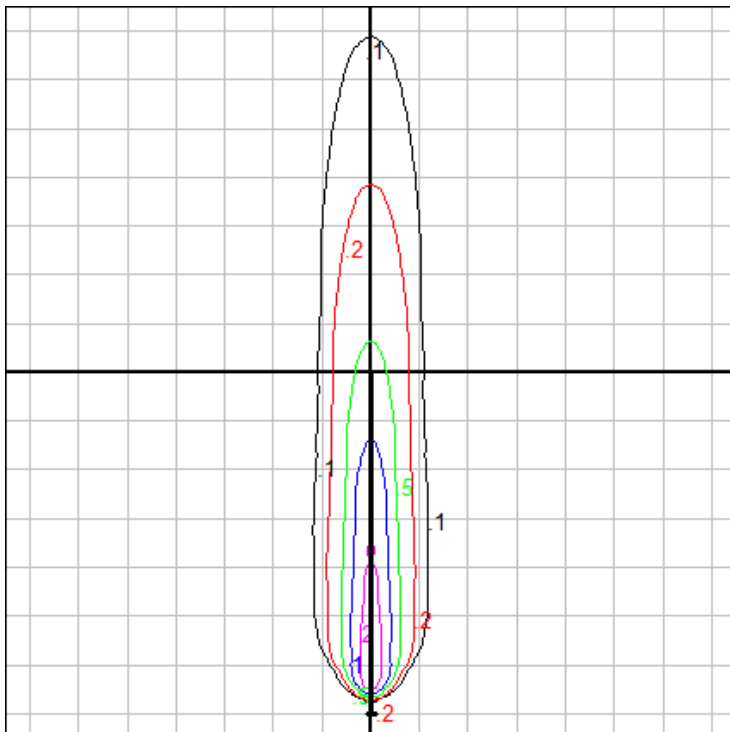


Characteristics

NEMA Type	2 H x 2 V
Maximum Candela	19510.961
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	9.2
Vertical Beam Angle (50%)	9.2
Horizontal Field Angle (10%)	20.1
Vertical Field Angle (10%)	20.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	318
Beam Efficiency	N.A.
Field Lumens	584
Field Efficiency	N.A.
Spill Lumens	340
Luminaire Lumens	923
Total Efficiency	N.A.
Total Luminaire Watts	15
Ballast Factor	1.00

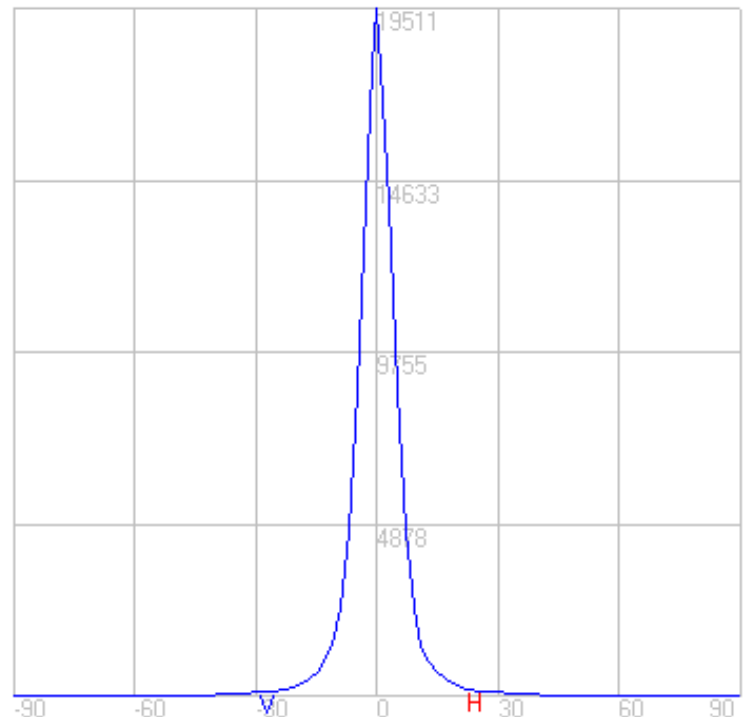
Zonal Lumen Summary

Zone	Lumens
0-10	616.99
10-20	201.55
20-30	73.88
30-40	34.61
40-50	9.09
50-60	1.60
60-70	0.01
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: 2 ft.

Grid Spacing: 5 ft.



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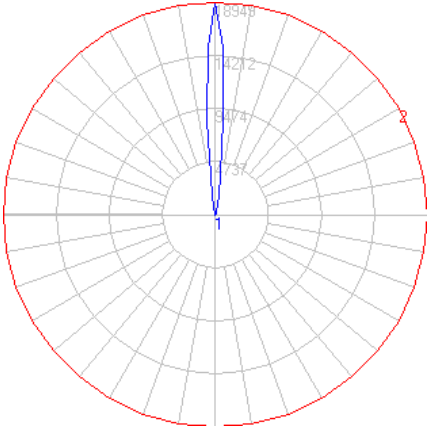
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BEGA

File: 84895K3_BEGA_IES.ies

TEST: BE_84895K4
TEST LAB: BEGA
DATE: 04/30/2021
LUMINAIRE: 84895K3
LAMP: 12.8W LED

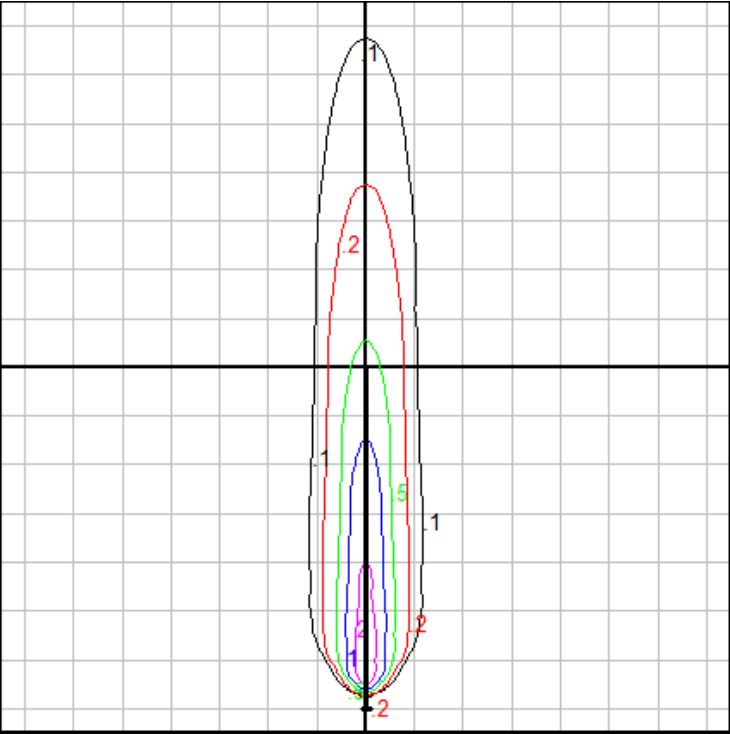


Characteristics

NEMA Type	2 H x 2 V
Maximum Candela	18948.91
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	9.2
Vertical Beam Angle (50%)	9.2
Horizontal Field Angle (10%)	20.1
Vertical Field Angle (10%)	20.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	308
Beam Efficiency	N.A.
Field Lumens	567
Field Efficiency	N.A.
Spill Lumens	330
Luminaire Lumens	897
Total Efficiency	N.A.
Total Luminaire Watts	15
Ballast Factor	1.00

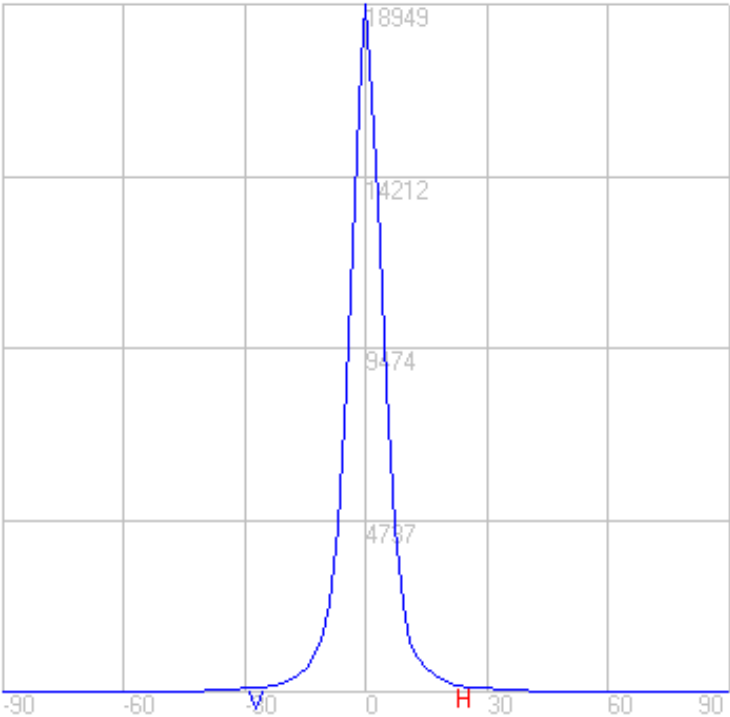
Zonal Lumen Summary

Zone	Lumens
0-10	599.22
10-20	195.74
20-30	71.75
30-40	33.61
40-50	8.83
50-60	1.56
60-70	0.01
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: 2 ft.

Grid Spacing: 5 ft.

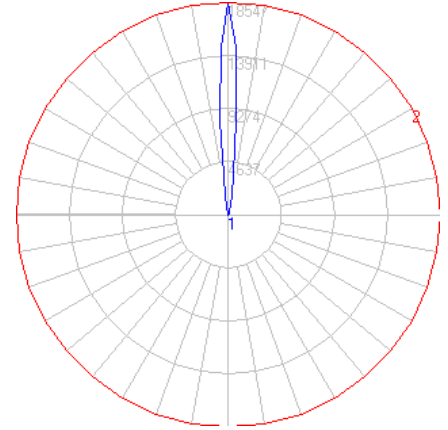


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BEGA

File: 84895K27_BEGA_IES.ies

TEST: BE_84898K4
TEST LAB: BEGA
DATE: 04/30/2021
LUMINAIRE: 84895K27
LAMP: 12.8W LED

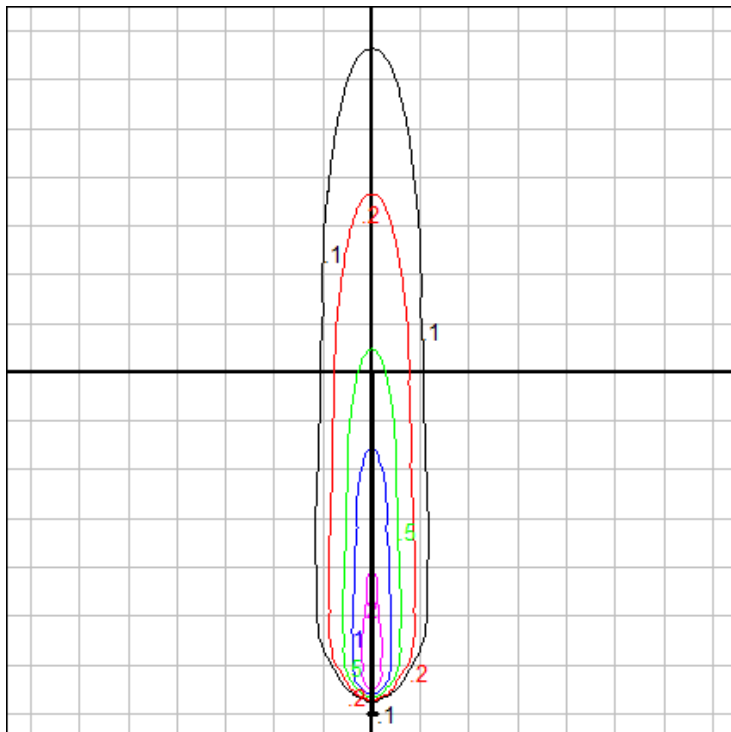


Characteristics

NEMA Type	2 H x 2 V
Maximum Candela	18547.449
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	9.2
Vertical Beam Angle (50%)	9.2
Horizontal Field Angle (10%)	20.1
Vertical Field Angle (10%)	20.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	302
Beam Efficiency	N.A.
Field Lumens	555
Field Efficiency	N.A.
Spill Lumens	323
Luminaire Lumens	878
Total Efficiency	N.A.
Total Luminaire Watts	15
Ballast Factor	1.00

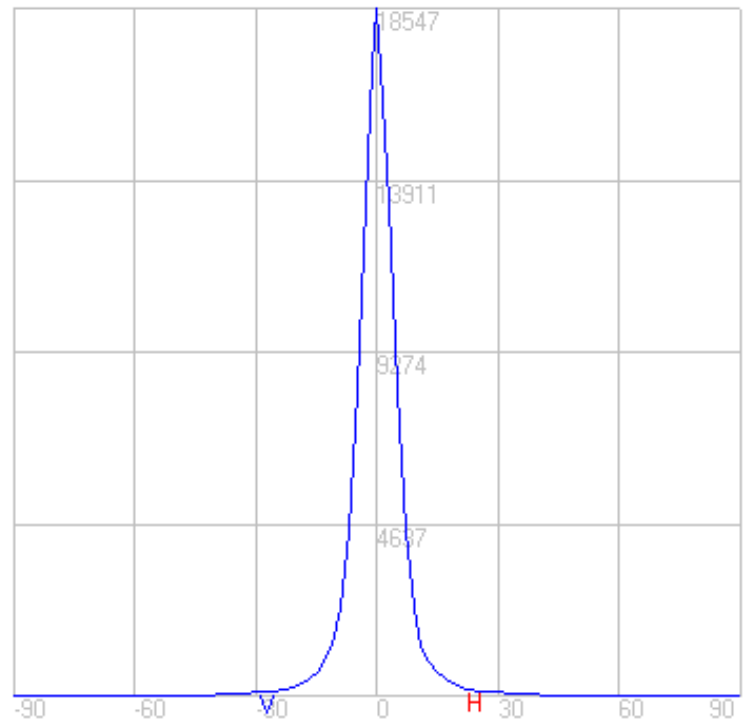
Zonal Lumen Summary

Zone	Lumens
0-10	586.52
10-20	191.59
20-30	70.23
30-40	32.90
40-50	8.64
50-60	1.52
60-70	0.01
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: 2 ft.

Grid Spacing: 5 ft.



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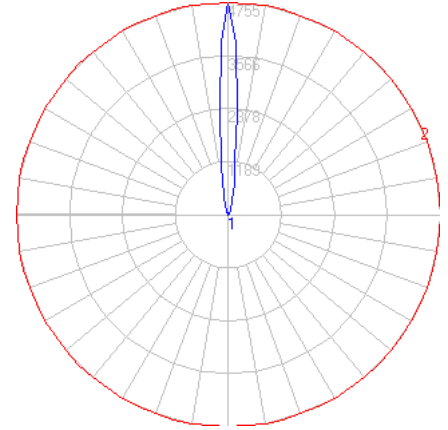
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File: 84895K4_10014_BEGA_IES.ies

TEST: BE_84895K4
TEST LAB: BEGA
DATE: 04/30/2021
LUMINAIRE: 84895K4 + 10014 Spread Lens
LAMP: 12.8W LED

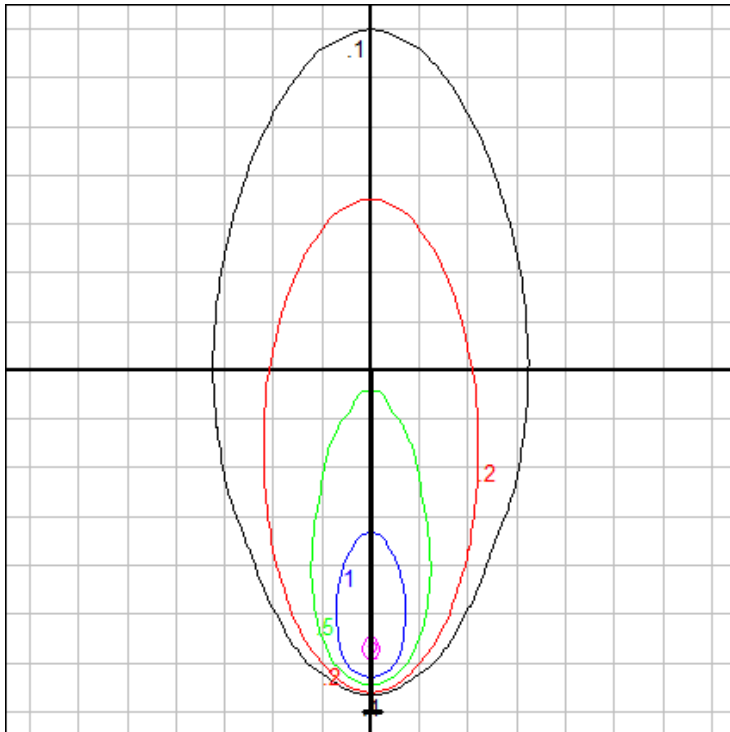


Characteristics

NEMA Type	4 H x 2 V
Maximum Candela	4755.1
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	29.6
Vertical Beam Angle (50%)	9.8
Horizontal Field Angle (10%)	68.6
Vertical Field Angle (10%)	25.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	218
Beam Efficiency	N.A.
Field Lumens	532
Field Efficiency	N.A.
Spill Lumens	191
Luminaire Lumens	723
Total Efficiency	N.A.
Total Luminaire Watts	15
Ballast Factor	1.00

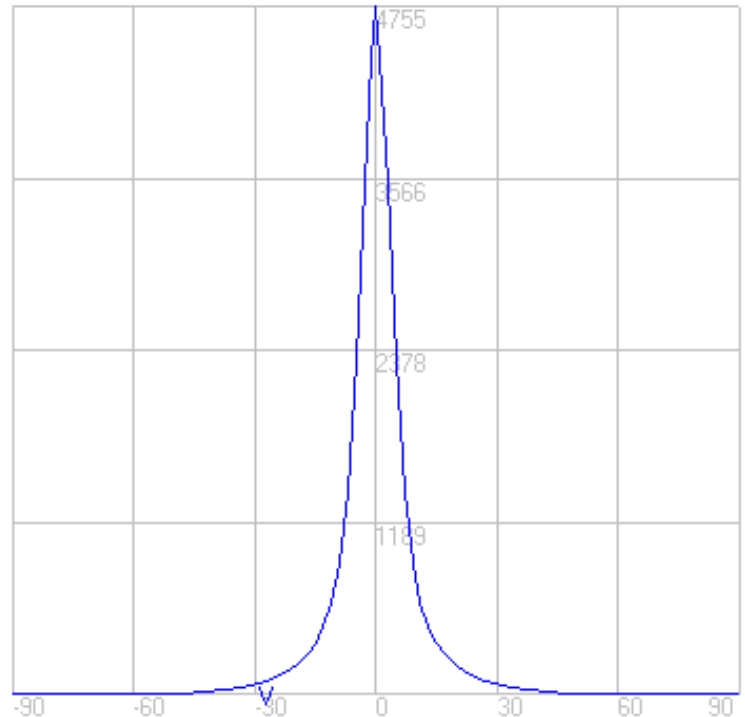
Zonal Lumen Summary

Zone	Lumens
0-10	250.49
10-20	242.10
20-30	135.03
30-40	63.43
40-50	22.24
50-60	8.39
60-70	2.19
70-80	0.07
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: 2ft.

Grid Spacing: 3 ft.



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