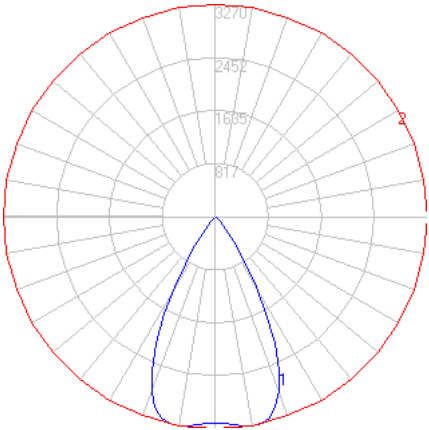


BEGA

File: 24878K4_BEGA_IES.ies

TEST: BE_24878K4
TEST LAB: BEGA
DATE: 4/6/2022
LUMINAIRE: 24 878K4
LAMP: 40.3W LED

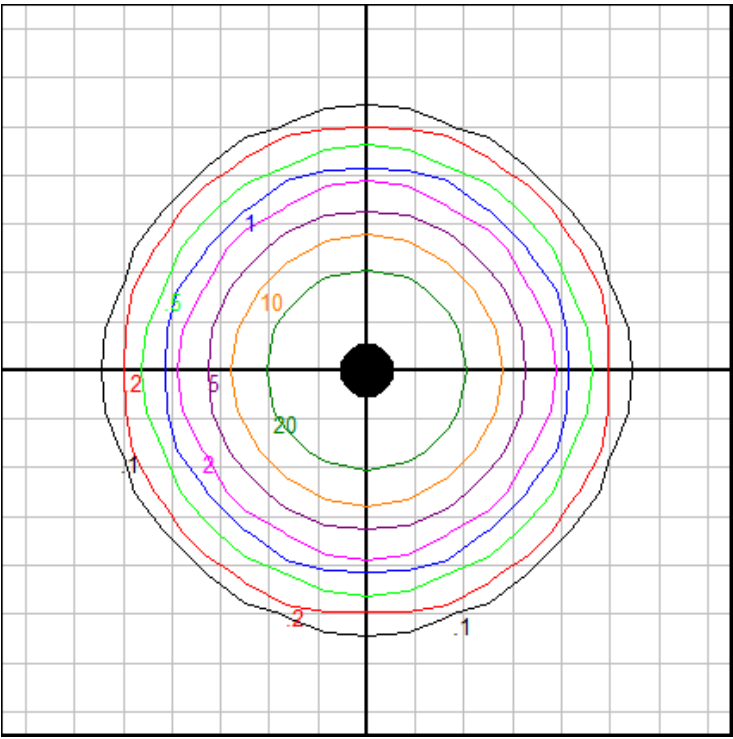


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	3268.94
Maximum Candela Angle	-9 H -5 V
Horizontal Beam Angle (50%)	53.0
Vertical Beam Angle (50%)	54.9
Horizontal Field Angle (10%)	73.8
Vertical Field Angle (10%)	74.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2023
Beam Efficiency	N.A.
Field Lumens	2491
Field Efficiency	N.A.
Spill Lumens	100
Luminaire Lumens	2591
Total Efficiency	N.A.
Total Luminaire Watts	46
Ballast Factor	1.00

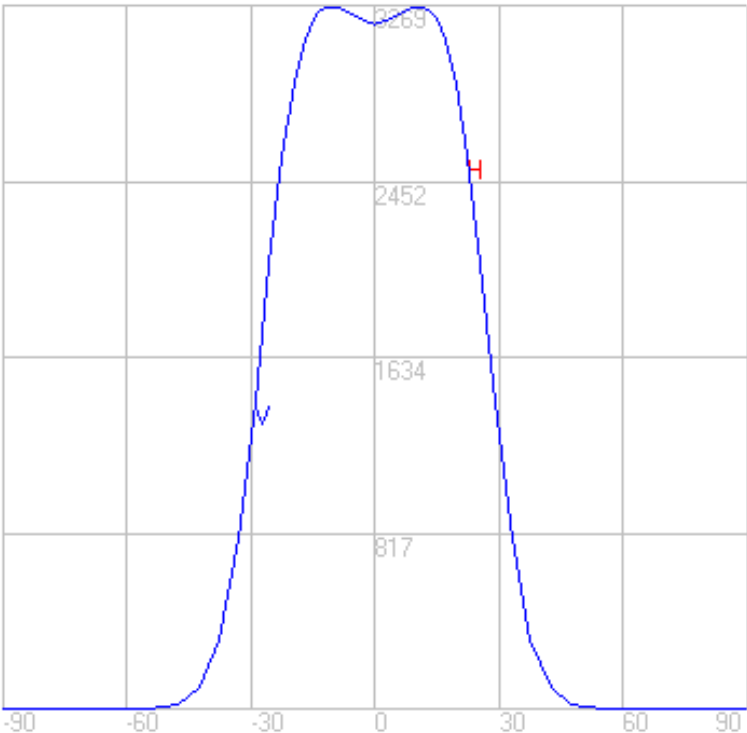
Zonal Lumen Summary

Zone	Lumens
0-10	309.06
10-20	890.31
20-30	959.63
30-40	371.87
40-50	49.93
50-60	2.15
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



Mount Height: 10 ft.

Grid Spacing: 2 ft.

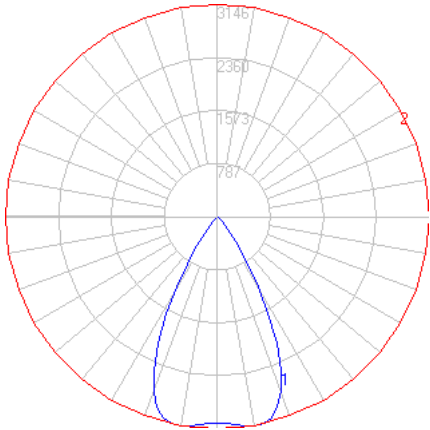


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

BEGA

File: 24878K35_BEGA_IES.ies

TEST: BE_24878K4
TEST LAB: BEGA
DATE: 4/6/2022
LUMINAIRE: 24 878K35
LAMP: 40.3W LED



Characteristics	
NEMA Type	5 H x 5 V
Maximum Candela	3145.509
Maximum Candela Angle	-9 H -5 V
Horizontal Beam Angle (50%)	53.0
Vertical Beam Angle (50%)	54.9
Horizontal Field Angle (10%)	73.8
Vertical Field Angle (10%)	74.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1946
Beam Efficiency	N.A.
Field Lumens	2397
Field Efficiency	N.A.
Spill Lumens	96
Luminaire Lumens	2493
Total Efficiency	N.A.
Total Luminaire Watts	46
Ballast Factor	1.00

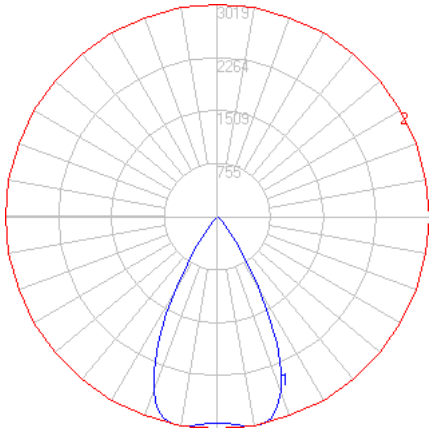
Zonal Lumen Summary

Zone	Lumens
0-10	297.39
10-20	856.69
20-30	923.40
30-40	357.83
40-50	48.04
50-60	2.07
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

BEGA

File: 24878K3_BEGA_IES.ies

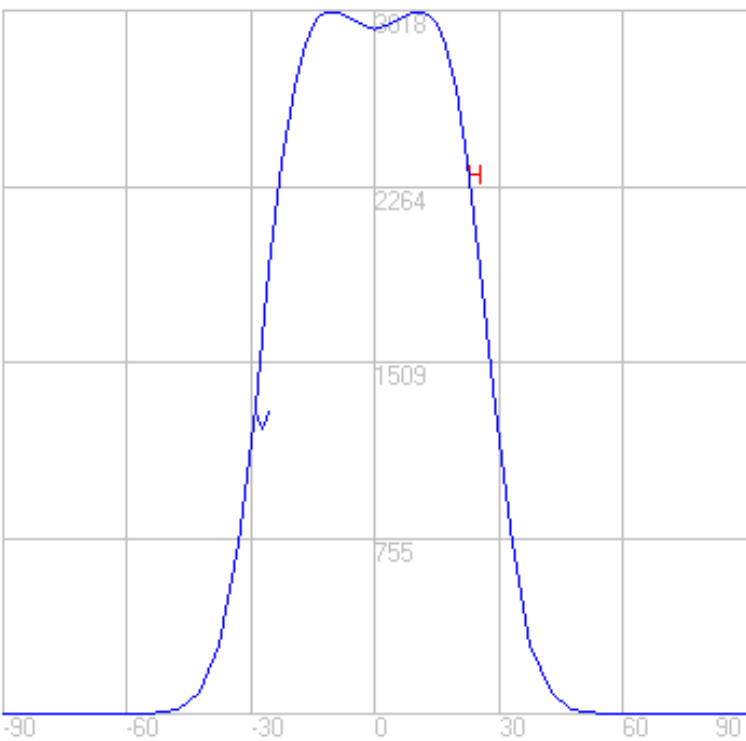
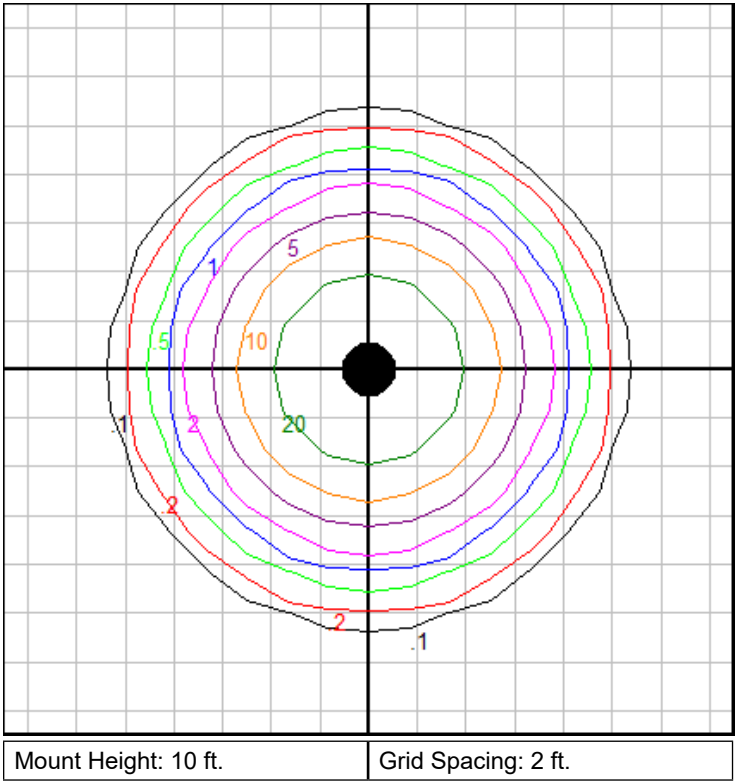
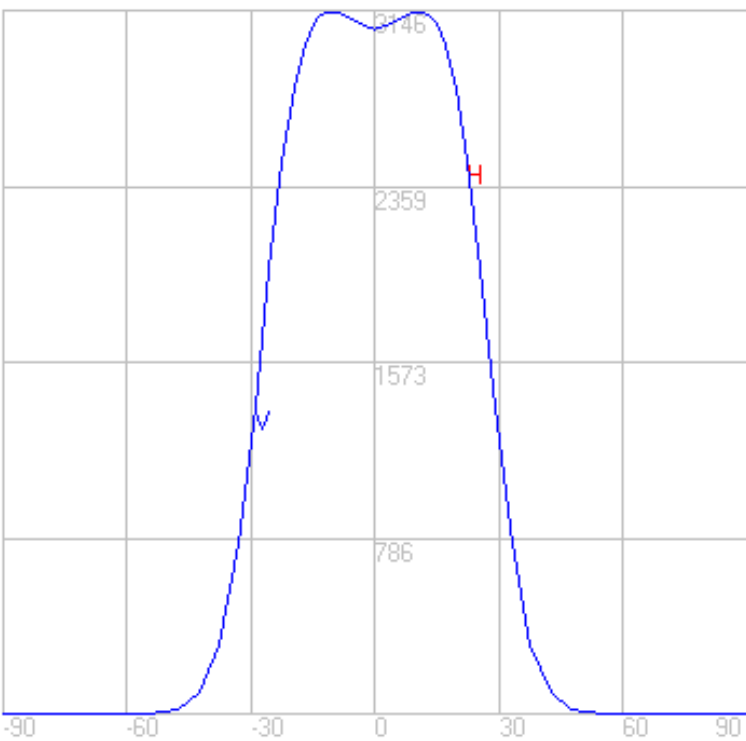
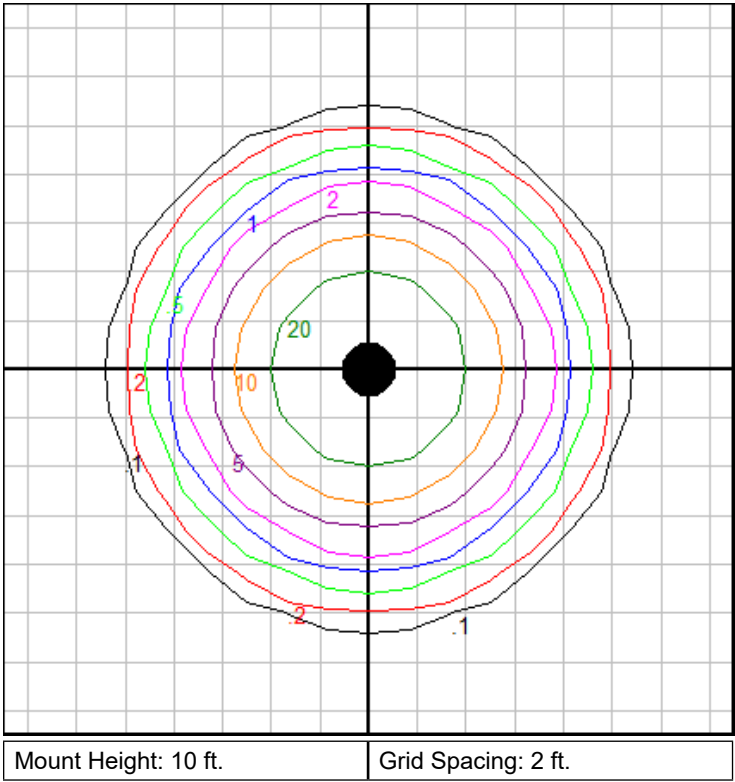
TEST: BE_24878K4
TEST LAB: BEGA
DATE: 4/6/2022
LUMINAIRE: 24 878K3
LAMP: 40.3W LED



Characteristics	
NEMA Type	5 H x 5 V
Maximum Candela	3018.096
Maximum Candela Angle	-9 H -5 V
Horizontal Beam Angle (50%)	53.0
Vertical Beam Angle (50%)	54.9
Horizontal Field Angle (10%)	73.8
Vertical Field Angle (10%)	74.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1868
Beam Efficiency	N.A.
Field Lumens	2300
Field Efficiency	N.A.
Spill Lumens	92
Luminaire Lumens	2392
Total Efficiency	N.A.
Total Luminaire Watts	46
Ballast Factor	1.00

Zonal Lumen Summary

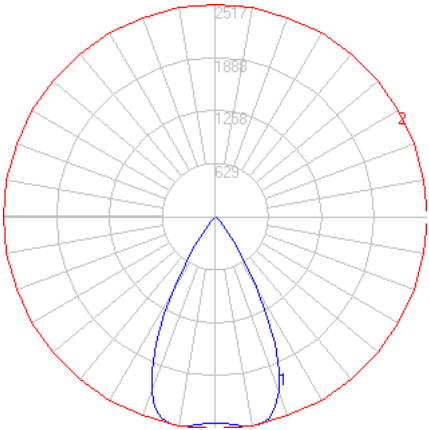
Zone	Lumens
0-10	285.35
10-20	821.99
20-30	885.99
30-40	343.33
40-50	46.10
50-60	1.99
60-70	0.01
70-80	0.00
80-90	0.00
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



BEGA

File: 24878K27_BEGA_IES.ies

TEST: BE_24878K4
TEST LAB: BEGA
DATE: 4/6/2022
LUMINAIRE: 24 878K27
LAMP: 40.3W LED

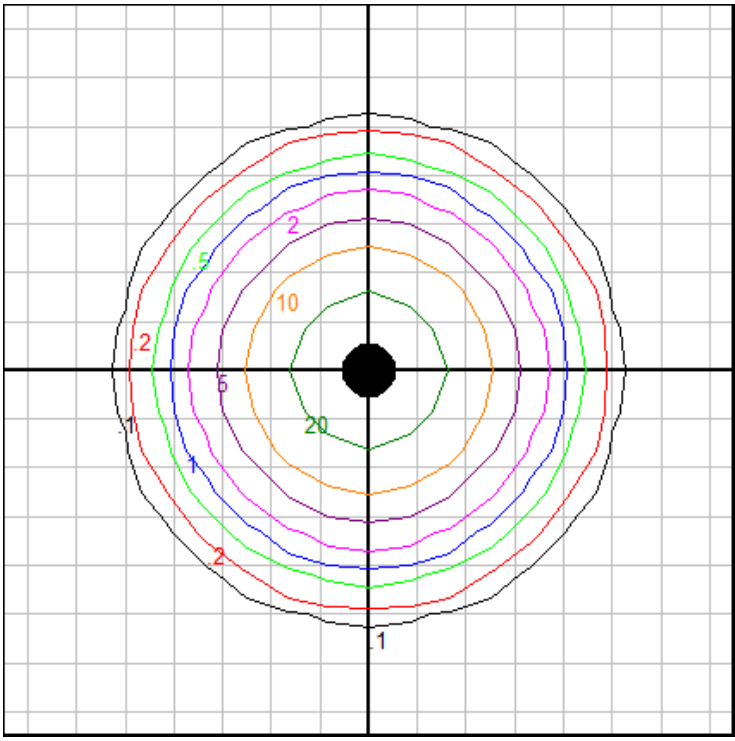


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	2516.408
Maximum Candela Angle	-9 H -5 V
Horizontal Beam Angle (50%)	53.0
Vertical Beam Angle (50%)	54.9
Horizontal Field Angle (10%)	73.8
Vertical Field Angle (10%)	74.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1557
Beam Efficiency	N.A.
Field Lumens	1918
Field Efficiency	N.A.
Spill Lumens	77
Luminaire Lumens	1994
Total Efficiency	N.A.
Total Luminaire Watts	46
Ballast Factor	1.00

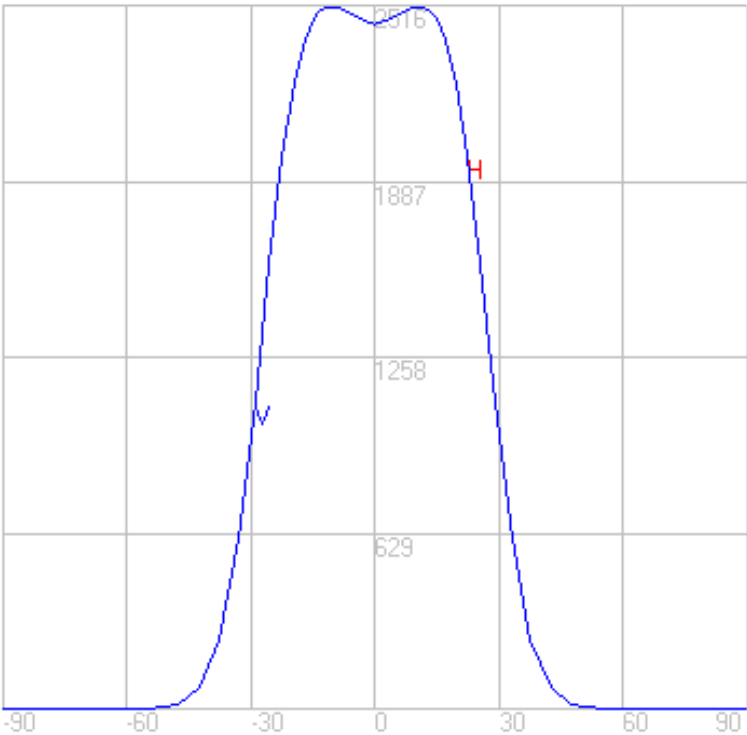
Zonal Lumen Summary

Zone	Lumens
0-10	237.91
10-20	685.35
20-30	738.72
30-40	286.26
40-50	38.43
50-60	1.66
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	0.0



Mount Height: 10 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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9/2/2025