

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P647504

Luminaire Tested: **GALN-SA6D-835-U-SLR-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P647504  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-26)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GALN-SA6D-835-U-SLR-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(6) 80 CRI, 3500K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH WHITE GLARE REDUCTION SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 26751.2 lumens  
Efficiency: N/A  
Efficacy: 72.7 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G3

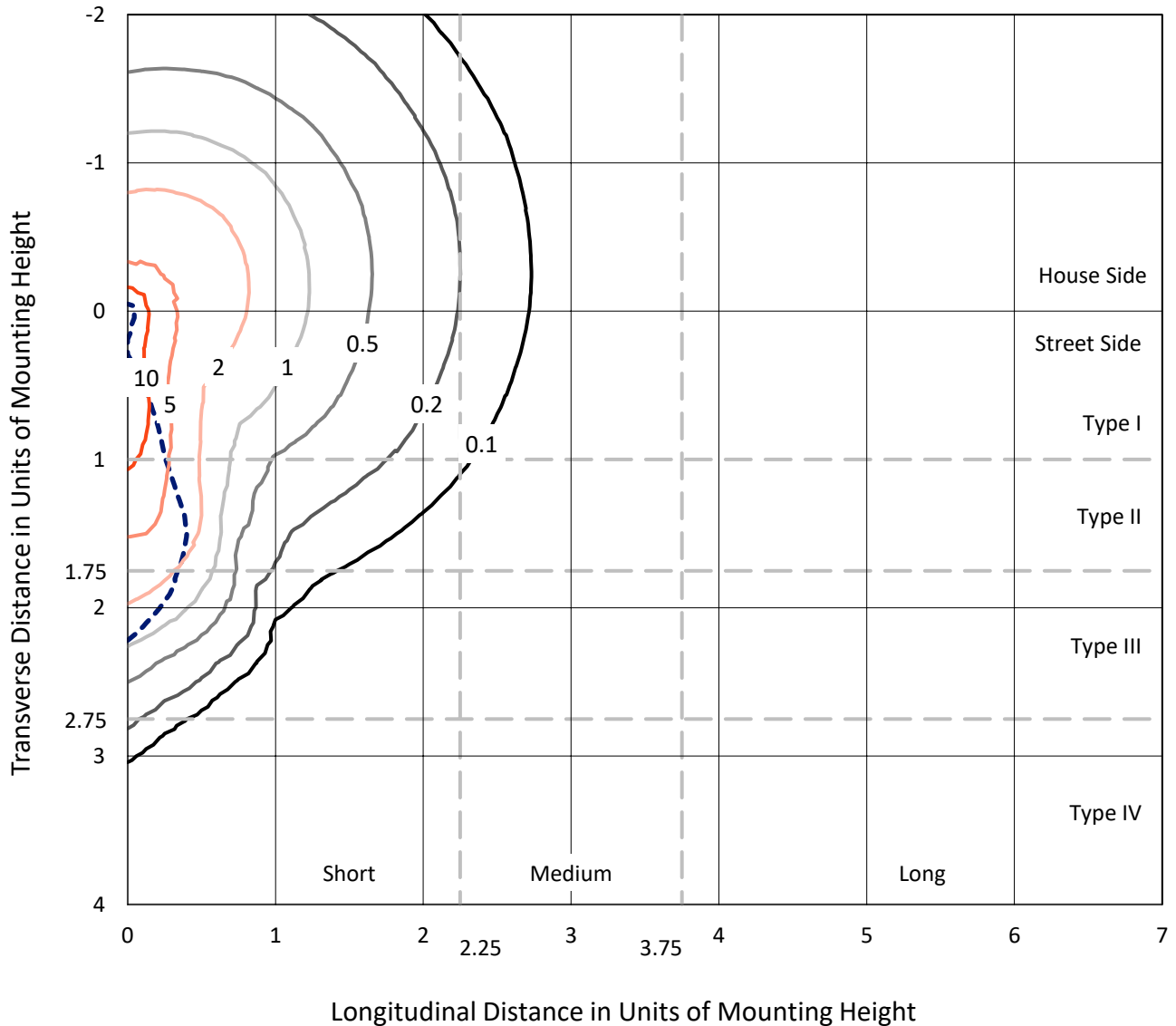
Input Watts (W): 368  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

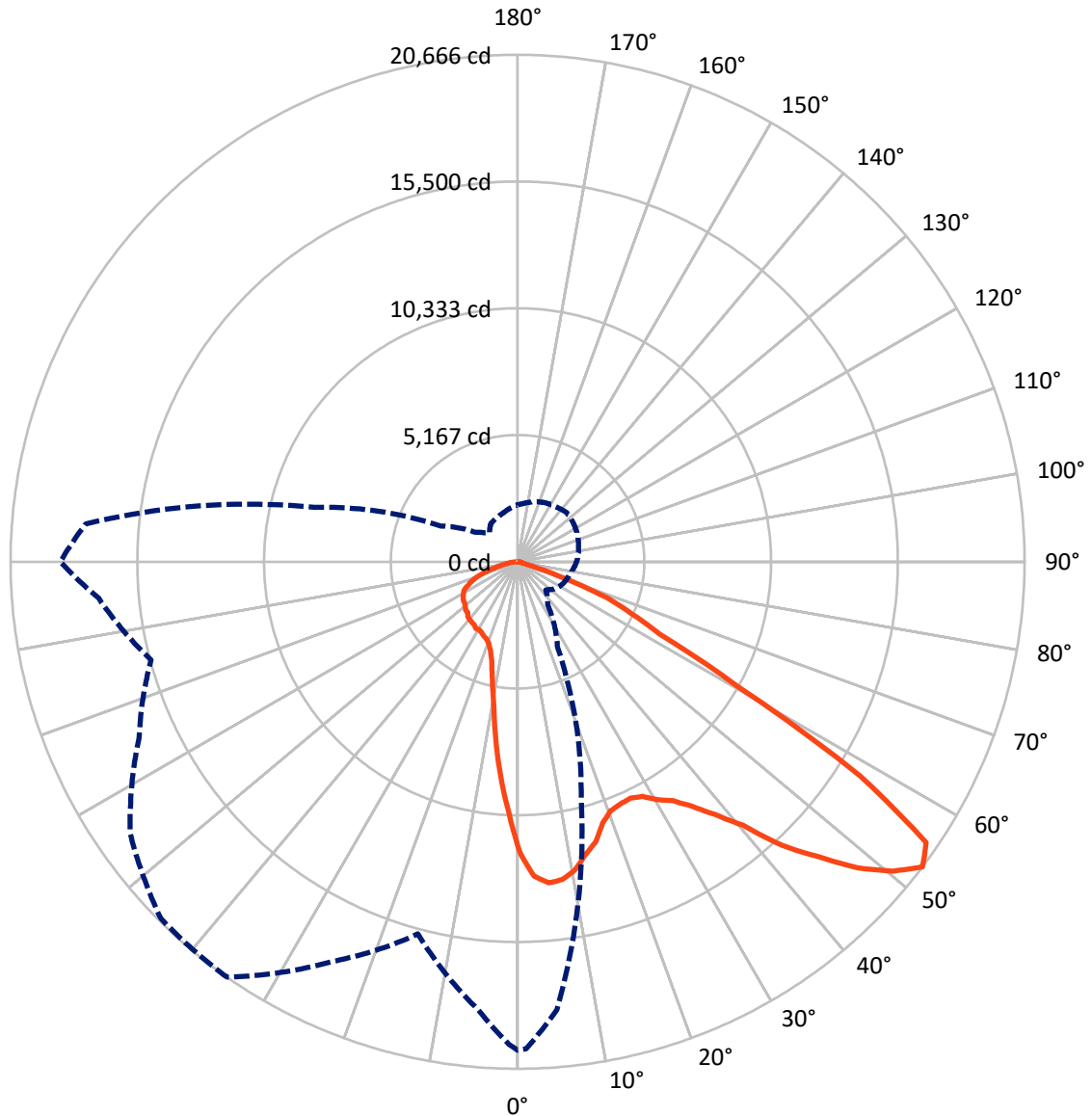
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 19 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 325-Deg Lateral    - - - Horizontal Cone Through 52.5-Deg Vertical

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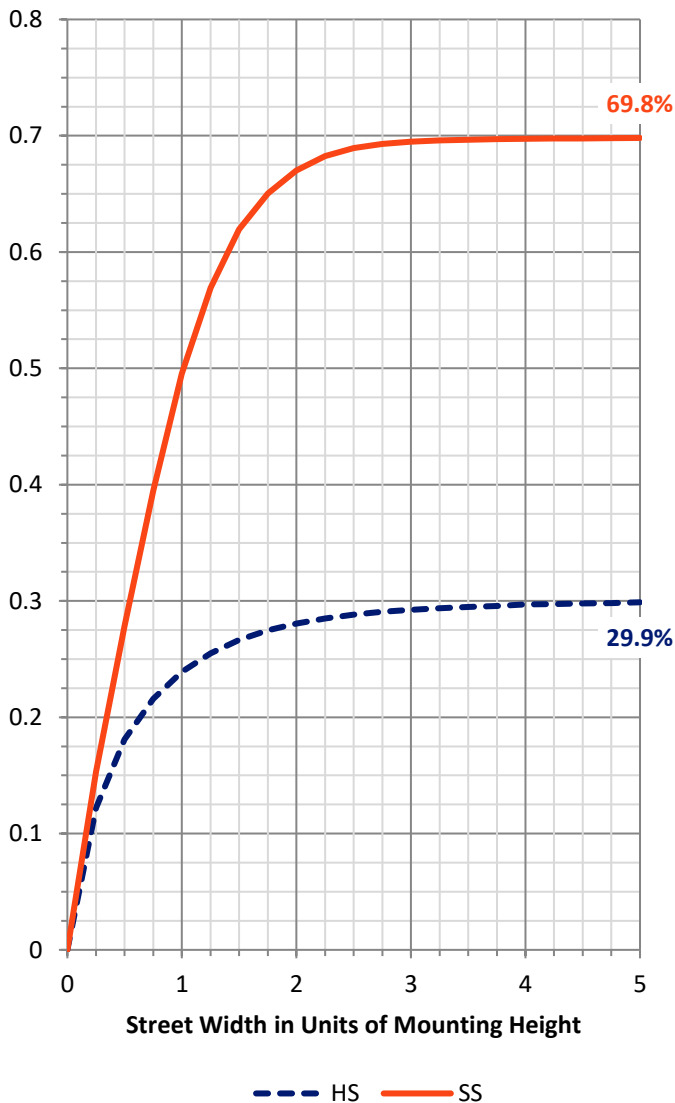
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	8064.4	0.0	8064.4
	% Fixture	30.1	0.0	30.1
<b>Street Side</b>	Lumens	18686.8	0.0	18686.8
	% Fixture	69.9	0.0	69.9
<b>Total</b>	Lumens	26751.2	0.0	26751.2
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	905.8	3.4
10°-20°	1963.5	7.3
20°-30°	2966.8	11.1
30°-40°	4287.1	16.0
40°-50°	5705.3	21.3
50°-60°	6381.6	23.9
60°-70°	3596.6	13.4
70°-80°	801.7	3.0
80°-90°	142.8	0.5
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	26751.2	100.0
0°-180°	26751.2	100.0

**Coefficient of Utilization**



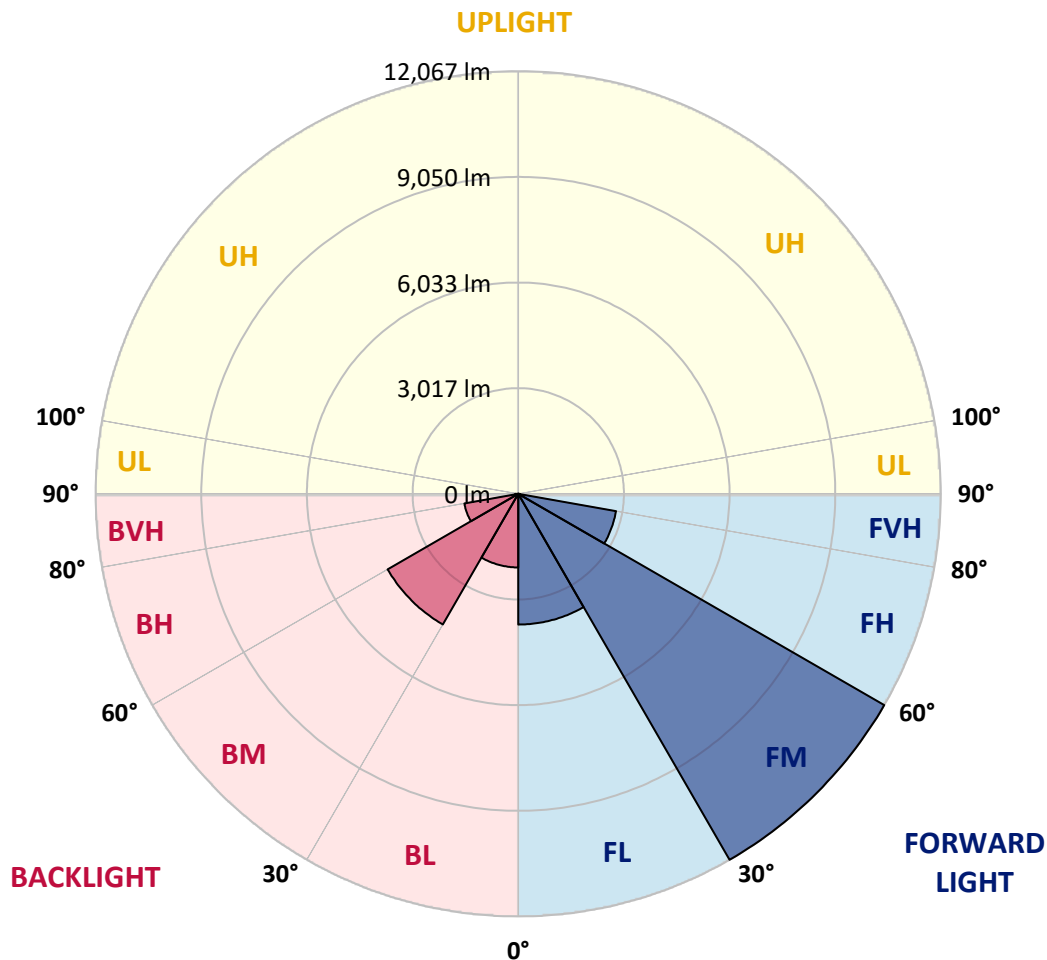
REPORT NUMBER: P647504  
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3733.1	14.0			
FM (30°-60°)	12066.8	45.1			
FH (60°-80°)	2835.2	10.6			G2/5000
FVH (80°-90°)	51.7	0.2			G1/100
BL (0°-30°)	2103.0	7.9	B3/2500		
BM (30°-60°)	4307.2	16.1	B3/5000		
BH (60°-80°)	1563.1	5.8	B3/2500		G3/2500
BVH (80°-90°)	91.1	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G3**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	11872.3	11872.3	11872.3	11872.3	11872.3	11872.3	11872.3	11872.3	11872.3	11872.3	11872.3
2.5°	12070.1	12264.0	12054.6	11682.4	11418.7	11178.3	10926.3	10875.9	10546.3	10488.1	10247.7
5°	11383.8	11341.1	11085.2	10596.7	10057.8	9569.2	9208.6	8859.6	8623.2	8347.9	8328.5
7.5°	10550.1	10302.0	10154.7	9414.1	8747.2	7979.6	7649.9	7118.7	6952.0	6703.9	6575.9
10°	9805.7	9623.5	9278.4	8537.8	7607.3	7099.4	6746.6	6459.6	6265.7	6009.8	5688.0
12.5°	9437.4	9363.7	8976.0	7828.3	7138.1	6595.3	6347.2	6068.0	5738.5	5327.5	5168.4
15°	9503.3	9255.1	8960.5	7692.6	6738.8	6215.4	5819.9	5470.9	5048.2	4656.7	4427.9
17.5°	9995.7	9805.7	9216.4	7777.9	6587.5	5831.5	5114.2	4598.5	4218.5	3865.7	3706.7
20°	10965.1	10689.8	10026.7	7886.5	6261.9	5296.4	4474.5	3838.6	3431.4	3245.3	3191.0
22.5°	12039.1	11876.2	10817.7	8130.8	6002.1	4800.1	3795.9	3160.0	3008.8	2958.4	3059.2
25°	13345.7	12923.1	12046.8	8530.1	5800.5	4377.5	3222.0	2869.2	2791.6	2842.1	2958.4
27.5°	14338.3	14225.9	12907.6	8906.2	5525.2	3869.6	2900.2	2667.6	2690.9	2741.3	2849.8
30°	15517.0	14947.1	13741.2	9166.0	5277.0	3520.6	2675.4	2613.3	2636.6	2721.9	2776.1
32.5°	16226.6	16013.3	14264.6	9557.6	4990.1	3218.2	2500.9	2442.7	2477.6	2605.6	2733.5
35°	17130.0	16707.3	14912.2	9658.4	4788.5	3097.9	2376.8	2334.1	2415.6	2504.7	2648.2
37.5°	18184.6	17893.8	15807.8	9588.6	4679.9	2973.9	2272.1	2252.7	2310.9	2435.0	2601.7
40°	18808.8	18719.7	16277.0	9631.3	4509.3	2865.3	2151.9	2175.2	2295.4	2392.3	2555.2
42.5°	19409.9	18828.3	16971.1	9615.7	4400.8	2718.0	2163.5	2136.4	2229.4	2341.9	2497.0
45°	19541.6	18963.9	17133.8	9507.2	4268.9	2574.5	2074.4	2086.0	2198.4	2338.0	2438.8
47.5°	19456.4	19029.9	17436.3	9476.2	4144.9	2473.7	1942.5	2082.2	2148.0	2260.4	2404.0
50°	19398.2	19374.9	17692.2	9623.5	3978.1	2314.8	1783.6	2031.7	2097.7	2210.1	2365.1
52.5°	19910.0	19859.6	18332.0	10011.2	3846.3	2144.2	1620.7	1903.8	2062.7	2171.3	2322.5
55°	20220.2	19999.2	19429.2	10488.1	3625.3	1919.3	1508.3	1744.8	1977.5	2074.4	2229.4
57.5°	18188.5	18037.3	17575.8	9790.2	3253.1	1624.6	1368.7	1582.0	1861.1	2012.3	2171.3
60°	15133.2	14896.7	13714.1	8320.7	2400.1	1264.0	1283.4	1454.0	1830.1	1888.3	2074.4
62.5°	14268.5	13683.1	12073.9	6696.1	1841.7	1085.6	1151.6	1337.7	1667.2	1764.2	1950.3
65°	11321.8	10887.5	8638.7	4835.0	1233.0	942.2	1050.8	1205.8	1438.4	1628.5	1799.1
67.5°	7087.7	6672.9	4610.1	2287.6	860.8	806.5	938.3	1101.1	1291.2	1461.8	1651.7
70°	3702.8	3249.2	2128.7	825.8	593.2	659.1	783.2	938.3	1124.4	1264.0	1411.4
72.5°	1380.4	1120.6	694.1	356.7	411.0	504.0	635.9	748.3	880.2	1050.8	1132.1
75°	213.3	182.2	178.4	217.1	279.1	364.5	453.7	566.1	682.4	791.0	845.2
77.5°	100.8	96.9	108.6	143.4	186.1	259.8	329.6	438.2	531.2	601.0	632.0
80°	65.9	62.0	69.8	96.9	139.6	193.9	263.6	337.3	422.7	480.8	473.0
82.5°	38.8	42.7	42.7	65.9	96.9	139.6	190.0	255.9	314.1	364.5	333.5
85°	23.3	19.4	19.4	38.8	65.9	112.4	158.9	108.6	112.4	112.4	127.9
87.5°	7.8	7.8	7.8	3.9	7.8	7.8	11.7	19.4	23.3	27.2	34.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	11872.3	11872.3	11872.3	11872.3	11872.3	11872.3	11872.3	11872.3	11872.3	11872.3	11872.3
2.5°	10240.0	10360.2	10317.5	10166.3	10282.7	10302.0	10224.5	10492.0	10542.4	10461.0	10484.3
5°	8301.4	8332.4	8402.1	8549.5	8654.2	8778.2	8778.2	8786.0	8681.3	8945.0	8867.4
7.5°	6467.3	6486.8	6568.2	6882.3	6971.4	7207.9	7308.8	7238.9	7029.5	6940.4	7014.0
10°	5583.3	5470.9	5443.7	5482.5	5684.1	5785.0	5870.2	5847.0	5812.1	5742.3	5664.8
12.5°	4994.0	4912.5	4846.6	4753.6	4765.3	4862.1	4928.0	4873.8	4889.3	4904.8	4928.0
15°	4354.3	4296.1	4261.2	4121.6	4106.1	4172.0	4195.2	4226.2	4284.4	4288.3	4261.2
17.5°	3675.7	3625.3	3702.8	3780.4	3726.1	3730.0	3772.7	3799.7	3784.2	3714.5	3679.6
20°	3210.5	3264.7	3342.2	3415.9	3474.1	3508.9	3524.5	3481.8	3431.4	3288.0	3284.1
22.5°	3074.7	3144.5	3210.5	3322.9	3377.2	3466.3	3384.9	3288.0	3218.2	3148.4	3066.9
25°	2973.9	3032.1	3163.9	3206.5	3311.2	3384.9	3326.7	3229.8	3109.6	3008.8	2946.7
27.5°	2900.2	2966.2	3051.4	3167.8	3249.2	3291.8	3233.7	3194.9	3070.8	2950.7	2861.5
30°	2853.7	2923.5	3078.6	3175.5	3245.3	3280.2	3179.4	3132.9	3043.7	2942.9	2865.3
32.5°	2822.7	2884.7	3016.6	3140.6	3187.1	3187.1	3202.6	3148.4	3024.3	2853.7	2787.8
35°	2721.9	2807.2	2915.7	3059.2	3144.5	3194.9	3117.4	3055.3	2973.9	2799.5	2679.2
37.5°	2663.7	2721.9	2861.5	2997.2	3070.8	3125.1	3094.1	2985.5	2877.0	2733.5	2636.6
40°	2601.7	2694.8	2818.8	2946.7	3028.2	3082.4	3059.2	2931.2	2799.5	2663.7	2597.8
42.5°	2559.0	2621.1	2749.0	2892.5	2989.4	3094.1	3024.3	2865.3	2772.3	2586.2	2512.5
45°	2524.2	2624.9	2760.6	2818.8	2919.7	3028.2	2904.1	2807.2	2698.6	2562.9	2500.9
47.5°	2481.5	2574.5	2663.7	2818.8	2865.3	2915.7	2892.5	2737.4	2644.3	2497.0	2454.3
50°	2466.0	2500.9	2663.7	2749.0	2815.0	2865.3	2803.3	2686.9	2597.8	2446.6	2353.5
52.5°	2404.0	2469.8	2574.5	2686.9	2768.4	2830.5	2729.6	2655.9	2535.7	2376.8	2318.6
55°	2326.4	2365.1	2551.2	2667.6	2710.3	2752.9	2714.1	2593.9	2469.8	2307.0	2248.9
57.5°	2225.6	2314.8	2466.0	2628.8	2683.1	2706.4	2644.3	2547.4	2392.3	2248.9	2155.8
60°	2120.9	2213.9	2380.7	2512.5	2566.8	2652.1	2559.0	2500.9	2322.5	2163.5	2062.7
62.5°	2016.2	2120.9	2244.9	2411.7	2458.2	2493.2	2469.8	2388.5	2244.9	2066.6	1942.5
65°	1892.1	1969.7	2124.7	2210.1	2241.1	2322.5	2241.1	2210.1	2082.2	1911.5	1806.9
67.5°	1706.0	1771.9	1907.6	1989.1	2012.3	2047.2	2043.3	2008.5	1865.0	1748.7	1655.7
70°	1492.8	1550.9	1636.2	1733.2	1744.8	1787.4	1748.7	1740.9	1647.8	1488.9	1438.4
72.5°	1198.1	1252.4	1364.8	1407.4	1411.4	1426.9	1407.4	1380.4	1357.1	1190.3	1140.0
75°	918.9	949.9	1004.2	1043.0	1043.0	1062.4	1050.8	1023.6	961.6	856.9	806.5
77.5°	639.8	670.8	740.6	763.8	760.0	767.7	732.8	705.6	612.6	558.4	515.7
80°	465.3	484.7	519.6	535.1	538.9	550.6	507.9	484.7	430.4	368.3	349.0
82.5°	337.3	349.0	352.8	372.2	372.2	352.8	341.2	318.0	279.1	240.4	224.9
85°	139.6	143.4	147.4	170.6	174.5	209.4	193.9	182.2	158.9	135.7	124.1
87.5°	34.9	38.8	50.4	42.7	50.4	50.4	54.3	62.0	62.0	50.4	50.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	11872.3	11872.3	11872.3	11872.3	11872.3	11872.3	11872.3	11872.3	11872.3	11872.3	11872.3
2.5°	10573.5	10604.5	11000.0	11050.3	11244.2	11442.0	11841.3	12128.3	12360.9	12512.1	12554.8
5°	8948.8	9146.6	9328.8	9623.5	9891.0	10271.0	10709.2	11251.9	11934.4	12283.3	12422.9
7.5°	7006.3	7238.9	7502.6	7789.5	8181.2	8863.6	9449.0	10077.1	10949.6	11310.1	11856.8
10°	5719.0	5978.8	6327.8	6548.8	7021.8	7673.2	8355.6	9080.7	9914.3	10433.9	11065.8
12.5°	5056.0	5269.3	5591.1	6056.3	6409.2	6831.8	7339.8	8254.8	9449.0	9941.4	10375.7
15°	4323.2	4559.7	4932.0	5447.6	5870.2	6374.3	6944.3	7940.7	9212.5	9972.4	10340.8
17.5°	3718.3	3888.9	4280.6	4726.4	5211.1	5761.7	6579.8	7925.2	9460.7	10433.9	11034.8
20°	3299.6	3322.9	3536.1	3916.1	4575.2	5292.5	6354.9	7847.7	10255.5	11228.7	11988.7
22.5°	3035.9	3012.7	3016.6	3338.4	3799.7	4831.1	6002.1	8111.3	11158.9	12492.7	13004.5
25°	2904.1	2842.1	2803.3	2873.1	3291.8	4284.4	5734.5	8460.3	12132.1	13535.7	14163.8
27.5°	2834.3	2725.8	2648.2	2659.9	2966.2	4009.1	5567.8	8611.5	13097.6	14989.7	15210.7
30°	2807.2	2671.4	2559.0	2520.2	2721.9	3625.3	5211.1	8871.3	13962.2	15788.4	15978.4
32.5°	2710.3	2543.5	2435.0	2400.1	2481.5	3288.0	4955.2	9057.4	14726.0	16656.9	16591.1
35°	2597.8	2458.2	2322.5	2256.6	2314.8	3070.8	4749.7	8968.2	15625.6	17331.6	17296.7
37.5°	2586.2	2404.0	2291.5	2182.9	2179.1	2803.3	4470.5	9053.5	16199.4	18541.4	18064.4
40°	2485.4	2369.0	2221.7	2132.5	2082.2	2667.6	4199.2	8851.9	17040.8	19029.9	18560.7
42.5°	2489.2	2314.8	2186.8	2082.2	2031.7	2469.8	4013.0	8797.6	17335.5	19824.7	18793.3
45°	2427.2	2256.6	2148.0	2024.0	1996.8	2318.6	3834.7	8545.6	17855.1	19863.5	18502.5
47.5°	2365.1	2213.9	2097.7	1950.3	1888.3	2264.4	3695.1	8336.2	17583.6	19499.0	18099.3
50°	2322.5	2148.0	2039.5	1934.8	1760.3	2171.3	3512.9	8285.9	17203.7	19006.6	17351.0
52.5°	2248.9	2093.7	1981.3	1899.9	1620.7	2086.0	3443.1	8580.5	17668.9	18638.3	17133.8
55°	2179.1	2020.1	1876.6	1717.7	1504.4	1861.1	3249.2	8855.8	18347.5	19487.4	18118.7
57.5°	2105.4	1954.1	1799.1	1609.1	1391.9	1628.5	3047.6	8906.2	17075.7	18010.2	17199.8
60°	2008.5	1814.6	1698.2	1450.1	1271.7	1349.3	2415.6	7851.5	13244.9	15040.1	15067.3
62.5°	1899.9	1690.5	1589.7	1298.9	1147.7	1163.2	1969.7	6599.2	10744.0	12450.1	13190.7
65°	1756.4	1554.8	1434.6	1202.0	1058.5	1008.1	1442.4	4835.0	8161.8	10100.4	10941.8
67.5°	1570.3	1380.4	1229.1	1046.9	946.1	864.7	984.9	2721.9	4819.5	6781.4	7037.4
70°	1372.6	1209.7	1050.8	899.5	787.1	729.0	721.1	1205.8	2303.1	3648.5	4152.6
72.5°	1081.8	965.4	837.5	725.1	651.4	566.1	515.7	500.2	779.3	1485.0	2051.1
75°	775.5	678.5	604.9	531.2	476.9	430.4	391.6	356.7	325.7	372.2	511.8
77.5°	488.5	453.7	395.5	376.1	345.1	333.5	318.0	298.6	275.3	259.8	259.8
80°	329.6	306.3	286.9	283.1	271.4	267.6	271.4	252.0	228.8	209.4	217.1
82.5°	221.0	217.1	213.3	209.4	213.3	217.1	224.9	221.0	201.6	190.0	193.9
85°	131.9	139.6	147.4	155.1	170.6	151.2	124.1	104.7	93.0	85.3	81.4
87.5°	50.4	69.8	62.0	58.2	62.0	58.2	54.3	50.4	42.7	38.8	38.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P647504

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**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	11872.3	11872.3	11872.3	11872.3	11872.3	11872.3	11872.3	11872.3	11872.3	11872.3
2.5°	12837.8	12915.4	12981.3	12965.8	12830.0	12647.8	12574.1	12198.0	12120.5	12070.1
5°	13012.3	13462.0	13559.0	13500.8	13148.0	12702.1	12267.8	11717.3	11395.5	11383.8
7.5°	12690.5	13244.9	13419.4	13551.2	13082.1	12306.6	11562.2	10736.3	10534.6	10550.1
10°	11872.3	12756.4	13186.7	13322.4	12783.5	12112.8	11081.4	10243.9	9813.5	9805.7
12.5°	11418.7	12112.8	12233.0	12422.9	12264.0	11585.4	10802.2	9863.9	9445.2	9437.4
15°	11015.5	11473.0	11507.9	11775.4	11860.7	11403.2	10875.9	9875.5	9538.2	9503.3
17.5°	11368.3	11050.3	10918.5	10953.4	11205.4	11372.1	11302.4	10534.6	10189.6	9995.7
20°	11604.8	10895.3	10495.9	10534.6	10833.2	11442.0	11938.2	11488.5	10941.8	10965.1
22.5°	12236.8	10918.5	10294.3	10251.7	10724.7	11806.5	12655.6	12694.3	12167.0	12039.1
25°	13182.9	11186.1	10232.2	10220.6	10674.2	12198.0	13493.0	14121.2	13582.2	13345.7
27.5°	13942.8	11604.8	10426.1	10464.9	10833.2	12515.9	14206.5	15040.1	14629.1	14338.3
30°	14609.8	12039.1	10697.5	10519.1	11259.7	12682.7	14512.8	16087.0	15757.4	15517.0
32.5°	14885.0	12655.6	11127.9	10833.2	11612.6	12884.3	15148.7	17102.8	16819.8	16226.6
35°	15350.3	13000.6	11360.5	11337.3	12229.1	13369.0	15447.3	17773.6	17657.3	17130.0
37.5°	15722.5	13349.6	12186.4	11930.5	13074.3	14183.3	15928.0	18700.3	18432.8	18184.6
40°	16009.5	13973.9	12958.0	13295.3	14113.4	14923.8	16370.0	18758.5	19530.1	18808.8
42.5°	15745.8	14532.2	14225.9	15032.3	15807.8	15769.1	16420.4	19208.2	19785.9	19409.9
45°	15679.9	15478.3	16230.4	16963.2	17141.6	16470.9	16059.9	18711.9	19708.4	19541.6
47.5°	15520.9	16408.8	17719.4	18913.5	18642.1	16940.0	15629.5	18622.7	19754.9	19456.4
50°	15466.6	16610.4	18820.5	19983.7	19820.9	17347.1	15427.8	18048.9	19425.4	19398.2
52.5°	15462.8	17025.3	19278.0	20565.3	20666.1	17990.8	15703.1	18339.7	19681.3	19910.0
55°	15637.2	16893.5	19219.8	20243.4	20204.7	17703.9	15734.2	18533.6	19995.3	20220.2
57.5°	14749.3	15133.2	15862.1	16672.5	16463.1	14664.0	14051.4	17133.8	18351.3	18188.5
60°	12737.0	11535.0	10713.0	10674.2	10267.2	9704.9	11500.2	15292.1	15292.1	15133.2
62.5°	11155.0	7572.4	6506.1	6203.7	6494.5	7142.1	11093.0	14873.4	14450.7	14268.5
65°	9755.3	5781.0	4703.2	4617.9	5121.9	6099.0	10030.6	12671.1	11926.7	11321.8
67.5°	6277.4	4234.0	3497.3	3346.2	3954.9	4478.3	6676.7	7793.4	7324.3	7087.7
70°	4048.0	2756.8	1946.4	1826.2	2062.7	2760.6	4265.1	4544.2	3861.8	3702.8
72.5°	1915.4	1190.3	682.4	562.2	632.0	1054.6	1686.7	1814.6	1508.3	1380.4
75°	608.7	438.2	279.1	240.4	228.8	271.4	387.7	298.6	217.1	213.3
77.5°	271.4	259.8	221.0	186.1	162.9	135.7	112.4	93.0	96.9	100.8
80°	224.9	205.5	182.2	162.9	135.7	104.7	81.4	62.0	62.0	65.9
82.5°	197.7	178.4	158.9	135.7	116.4	85.3	62.0	42.7	38.8	38.8
85°	85.3	100.8	108.6	116.4	93.0	69.8	42.7	27.2	23.3	23.3
87.5°	34.9	31.0	27.2	23.3	19.4	19.4	15.5	11.7	7.8	7.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)