

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: P531202

Luminaire Tested: **GALN-SA6C-727-U-SLR-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P531202  
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-SA6C-727-U-SLR-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(6) 70 CRI, 2700K, 1050mA 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: 25967 lumens  
Efficiency: N/A  
Efficacy: 80.9 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): 321  
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

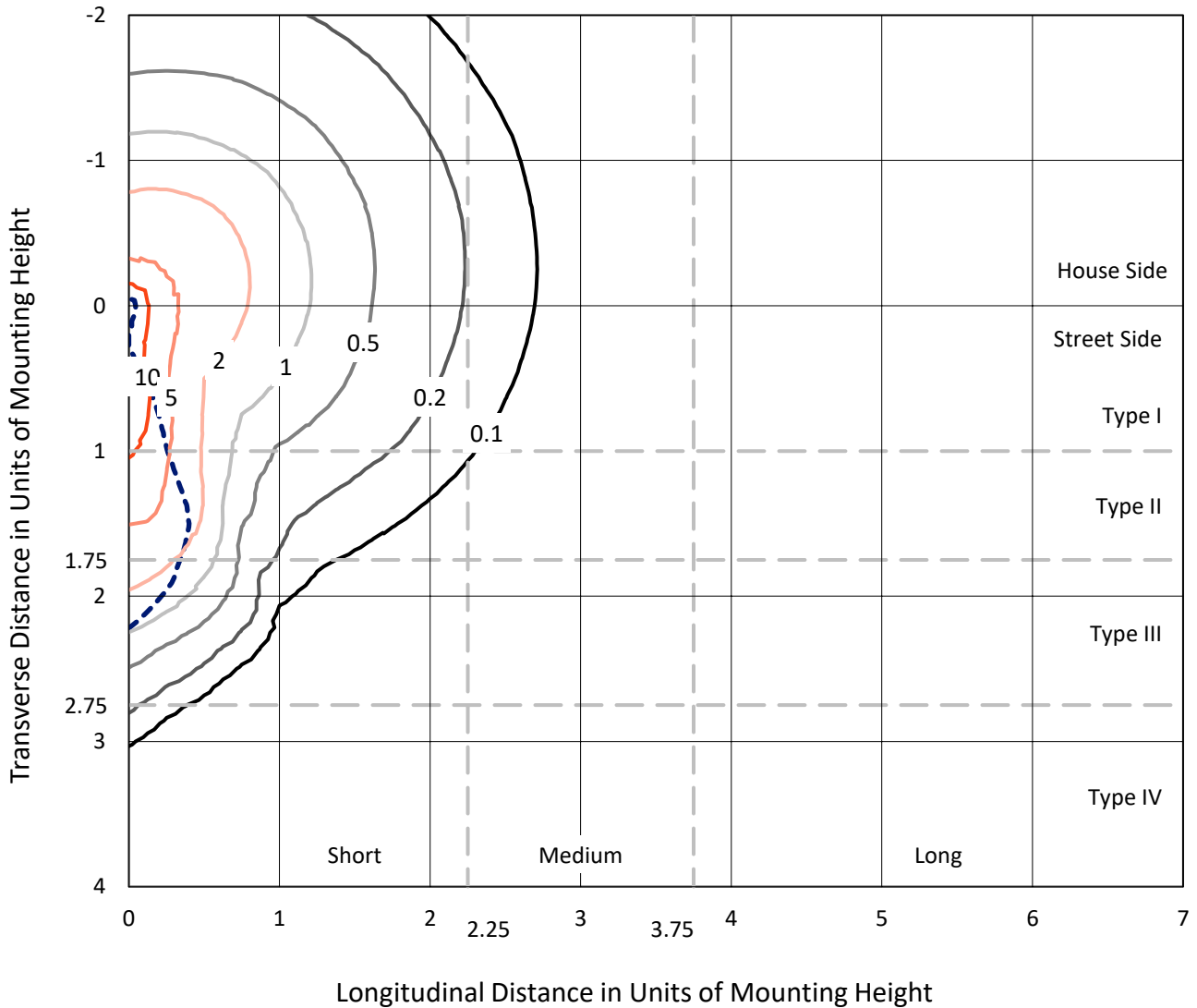




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### Iso-Footcandle Lines of Horizontal Illumination

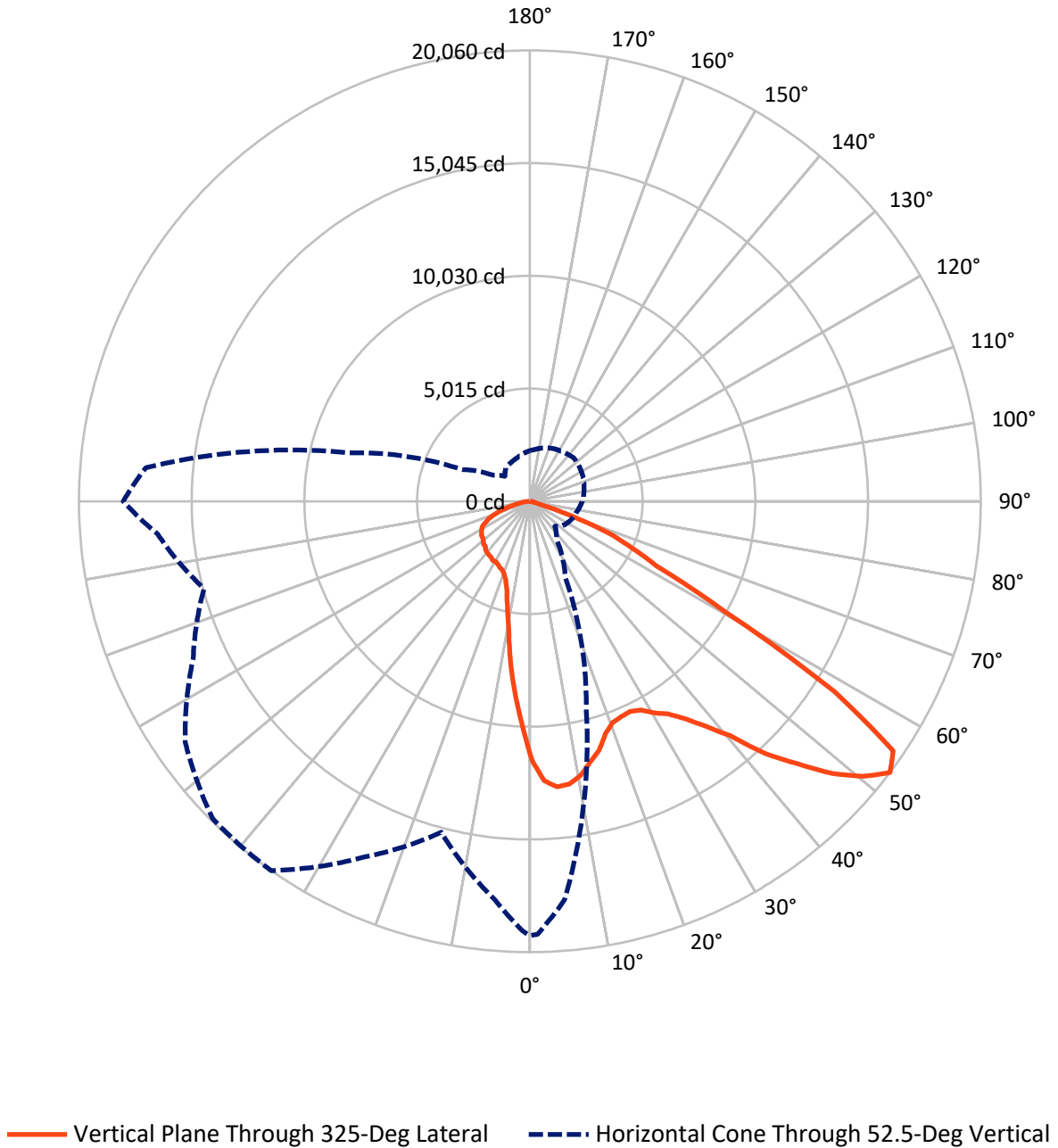
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 18.4 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



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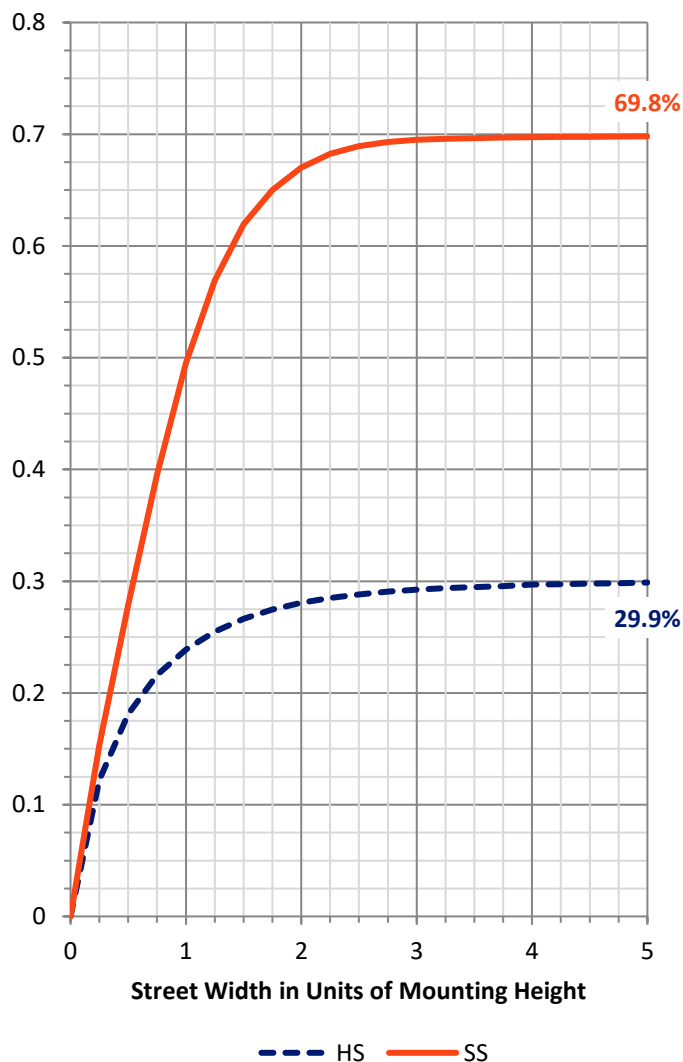
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	7828.0	0.0	7828.0
	% Fixture	30.1	0.0	30.1
<b>Street Side</b>	Lumens	18139.0	0.0	18139.0
	% Fixture	69.9	0.0	69.9
<b>Total</b>	Lumens	25967.0	0.0	25967.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	879.2	3.4
10°-20°	1906.0	7.3
20°-30°	2879.8	11.1
30°-40°	4161.4	16.0
40°-50°	5538.1	21.3
50°-60°	6194.5	23.9
60°-70°	3491.2	13.4
70°-80°	778.2	3.0
80°-90°	138.6	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°	25967.0	100.0
0°-180°	25967.0	100.0

**Coefficient of Utilization**



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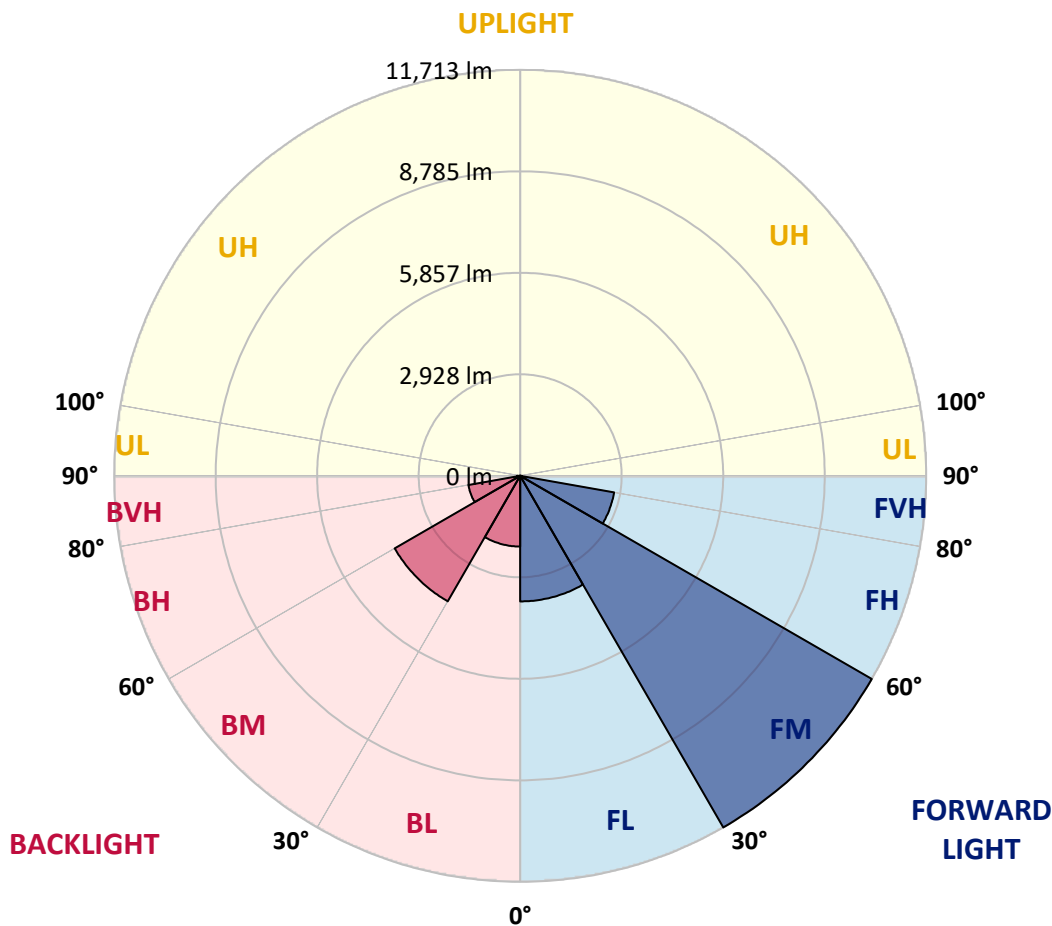
CATALOG NUMBER: GALN-SA6C-727-U-SLR-GRSWH

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3623.6	14.0			
FM (30°-60°)	11713.1	45.1			
FH (60°-80°)	2752.1	10.6			G2/5000
FVH (80°-90°)	50.2	0.2			G1/100
BL (0°-30°)	2041.3	7.9	B3/2500		
BM (30°-60°)	4180.9	16.1	B3/5000		
BH (60°-80°)	1517.3	5.8	B3/2500		G3/2500
BVH (80°-90°)	88.4	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°	11524.3	11524.3	11524.3	11524.3	11524.3	11524.3	11524.3	11524.3	11524.3	11524.3	11524.3
2.5°	11716.3	11904.4	11701.2	11339.9	11084.0	10850.6	10606.0	10557.1	10237.1	10180.7	9947.3
5°	11050.1	11008.7	10760.3	10286.1	9762.9	9288.7	8938.7	8600.0	8370.4	8103.2	8084.3
7.5°	10240.9	10000.0	9857.0	9138.2	8490.8	7745.6	7425.7	6910.1	6748.2	6507.4	6383.2
10°	9518.3	9341.4	9006.4	8287.6	7384.3	6891.3	6548.8	6270.3	6082.1	5833.7	5521.3
12.5°	9160.7	9089.2	8712.9	7598.8	6928.9	6402.0	6161.1	5890.1	5570.2	5171.3	5017.0
15°	9224.7	8983.8	8697.8	7467.1	6541.2	6033.1	5649.2	5310.5	4900.3	4520.2	4298.1
17.5°	9702.7	9518.3	8946.2	7549.9	6394.5	5660.5	4964.3	4463.7	4094.9	3752.4	3598.1
20°	10643.6	10376.4	9732.8	7655.3	6078.3	5141.2	4343.3	3726.0	3330.8	3150.2	3097.5
22.5°	11686.2	11528.1	10500.6	7892.4	5826.1	4659.4	3684.6	3067.4	2920.6	2871.7	2969.5
25°	12954.5	12544.3	11693.7	8280.0	5630.4	4249.2	3127.6	2785.1	2709.8	2758.8	2871.7
27.5°	13918.0	13808.9	12529.2	8645.1	5363.2	3756.1	2815.2	2589.4	2612.0	2660.9	2766.3
30°	15062.2	14508.9	13338.4	8897.3	5122.3	3417.4	2596.9	2536.7	2559.3	2642.1	2694.8
32.5°	15750.9	15543.9	13846.5	9277.4	4843.8	3123.8	2427.6	2371.1	2405.0	2529.2	2653.4
35°	16627.8	16217.6	14475.0	9375.3	4648.1	3007.2	2307.1	2265.7	2344.8	2431.3	2570.6
37.5°	17651.5	17369.3	15344.4	9307.5	4542.7	2886.7	2205.5	2186.7	2243.1	2363.6	2525.4
40°	18257.5	18170.9	15799.8	9348.9	4377.1	2781.3	2088.8	2111.4	2228.1	2322.2	2480.2
42.5°	18840.9	18276.3	16473.5	9333.9	4271.7	2638.3	2100.1	2073.8	2164.1	2273.2	2423.8
45°	18968.8	18408.0	16631.6	9228.5	4143.8	2499.1	2013.6	2024.8	2134.0	2269.5	2367.3
47.5°	18886.0	18472.0	16925.2	9198.4	4023.3	2401.2	1885.6	2021.1	2085.1	2194.2	2333.5
50°	18829.6	18807.0	17173.6	9341.4	3861.5	2246.9	1731.3	1972.2	2036.1	2145.3	2295.8
52.5°	19326.4	19277.4	17794.6	9717.8	3733.5	2081.3	1573.2	1848.0	2002.3	2107.6	2254.4
55°	19627.5	19412.9	18859.7	10180.7	3519.0	1863.0	1464.1	1693.6	1919.5	2013.6	2164.1
57.5°	17655.3	17508.5	17060.7	9503.2	3157.7	1577.0	1328.6	1535.6	1806.6	1953.3	2107.6
60°	14689.5	14460.0	13312.1	8076.8	2329.7	1227.0	1245.8	1411.4	1776.4	1832.9	2013.6
62.5°	13850.3	13281.9	11720.0	6499.8	1787.7	1053.8	1117.8	1298.5	1618.4	1712.5	1893.1
65°	10989.9	10568.3	8385.4	4693.3	1196.8	914.6	1020.0	1170.5	1396.3	1580.7	1746.3
67.5°	6880.0	6477.3	4475.0	2220.6	835.5	782.8	910.8	1068.9	1253.3	1418.9	1603.3
70°	3594.3	3153.9	2066.2	801.7	575.8	639.8	760.3	910.8	1091.5	1227.0	1370.0
72.5°	1339.9	1087.7	673.7	346.3	398.9	489.3	617.2	726.4	854.3	1020.0	1099.0
75°	207.0	176.9	173.1	210.8	271.0	353.8	440.3	549.5	662.4	767.8	820.5
77.5°	97.9	94.1	105.4	139.3	180.7	252.2	319.9	425.3	515.6	583.4	613.5
80°	64.0	60.2	67.7	94.1	135.5	188.2	255.9	327.4	410.2	466.7	459.2
82.5°	37.6	41.4	41.4	64.0	94.1	135.5	184.4	248.4	304.9	353.8	323.7
85°	22.6	18.8	18.8	37.6	64.0	109.1	154.3	105.4	109.1	109.1	124.2
87.5°	7.5	7.5	7.5	3.8	7.5	7.5	11.3	18.8	22.6	26.3	33.9
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°	11524.3	11524.3	11524.3	11524.3	11524.3	11524.3	11524.3	11524.3	11524.3	11524.3	11524.3
2.5°	9939.8	10056.5	10015.1	9868.3	9981.2	10000.0	9924.8	10184.5	10233.4	10154.3	10176.9
5°	8058.0	8088.1	8155.8	8298.9	8400.5	8520.9	8520.9	8528.4	8426.8	8682.8	8607.5
7.5°	6277.8	6296.6	6375.6	6680.5	6767.1	6996.6	7094.5	7026.7	6823.5	6736.9	6808.5
10°	5419.7	5310.5	5284.2	5321.8	5517.5	5615.4	5698.2	5675.6	5641.7	5574.0	5498.7
12.5°	4847.6	4768.6	4704.6	4614.2	4625.5	4719.6	4783.6	4730.9	4746.0	4761.0	4783.6
15°	4226.6	4170.1	4136.3	4000.8	3985.7	4049.7	4072.3	4102.4	4158.8	4162.6	4136.3
17.5°	3567.9	3519.0	3594.3	3669.6	3616.9	3620.6	3662.0	3688.4	3673.3	3605.6	3571.7
20°	3116.3	3169.0	3244.3	3315.8	3372.2	3406.1	3421.2	3379.8	3330.8	3191.6	3187.8
22.5°	2984.6	3052.3	3116.3	3225.5	3278.1	3364.7	3285.7	3191.6	3123.8	3056.1	2977.1
25°	2886.7	2943.2	3071.1	3112.5	3214.2	3285.7	3229.2	3135.1	3018.5	2920.6	2860.4
27.5°	2815.2	2879.2	2962.0	3074.9	3153.9	3195.3	3138.9	3101.3	2980.8	2864.1	2777.6
30°	2770.1	2837.8	2988.3	3082.4	3150.2	3184.1	3086.2	3041.0	2954.5	2856.6	2781.3
32.5°	2739.9	2800.2	2928.1	3048.6	3093.7	3093.7	3108.8	3056.1	2935.7	2770.1	2706.1
35°	2642.1	2724.9	2830.3	2969.5	3052.3	3101.3	3026.0	2965.8	2886.7	2717.4	2600.7
37.5°	2585.6	2642.1	2777.6	2909.3	2980.8	3033.5	3003.4	2898.0	2792.6	2653.4	2559.3
40°	2525.4	2615.7	2736.2	2860.4	2939.4	2992.1	2969.5	2845.3	2717.4	2585.6	2521.6
42.5°	2484.0	2544.2	2668.4	2807.7	2901.8	3003.4	2935.7	2781.3	2691.0	2510.4	2438.8
45°	2450.1	2548.0	2679.7	2736.2	2834.0	2939.4	2819.0	2724.9	2619.5	2487.8	2427.6
47.5°	2408.7	2499.1	2585.6	2736.2	2781.3	2830.3	2807.7	2657.1	2566.8	2423.8	2382.4
50°	2393.7	2427.6	2585.6	2668.4	2732.4	2781.3	2721.1	2608.2	2521.6	2374.9	2284.5
52.5°	2333.5	2397.4	2499.1	2608.2	2687.3	2747.5	2649.6	2578.1	2461.4	2307.1	2250.7
55°	2258.2	2295.8	2476.5	2589.4	2630.8	2672.2	2634.6	2517.9	2397.4	2239.4	2182.9
57.5°	2160.3	2246.9	2393.7	2551.8	2604.4	2627.0	2566.8	2472.7	2322.2	2182.9	2092.6
60°	2058.7	2149.0	2310.9	2438.8	2491.5	2574.3	2484.0	2427.6	2254.4	2100.1	2002.3
62.5°	1957.1	2058.7	2179.2	2341.0	2386.2	2420.0	2397.4	2318.4	2179.2	2006.0	1885.6
65°	1836.7	1911.9	2062.5	2145.3	2175.4	2254.4	2175.4	2145.3	2021.1	1855.5	1753.9
67.5°	1656.0	1720.0	1851.7	1930.8	1953.3	1987.2	1983.4	1949.6	1810.3	1697.4	1607.1
70°	1449.0	1505.5	1588.3	1682.4	1693.6	1735.0	1697.4	1689.9	1599.6	1445.2	1396.3
72.5°	1163.0	1215.7	1324.8	1366.2	1370.0	1385.0	1366.2	1339.9	1317.3	1155.4	1106.5
75°	892.0	922.1	974.8	1012.4	1012.4	1031.2	1020.0	993.6	933.4	831.8	782.8
77.5°	621.0	651.1	718.9	741.4	737.7	745.2	711.3	685.0	594.7	542.0	500.6
80°	451.6	470.5	504.3	519.4	523.1	534.4	493.0	470.5	417.8	357.5	338.7
82.5°	327.4	338.7	342.5	361.3	361.3	342.5	331.2	308.6	271.0	233.3	218.3
85°	135.5	139.3	143.0	165.6	169.4	203.2	188.2	176.9	154.3	131.7	120.4
87.5°	33.9	37.6	48.9	41.4	48.9	48.9	52.7	60.2	60.2	48.9	48.9
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	11524.3	11524.3	11524.3	11524.3	11524.3	11524.3	11524.3	11524.3	11524.3	11524.3	11524.3
2.5°	10263.5	10293.6	10677.5	10726.4	10914.6	11106.5	11494.2	11772.7	11998.5	12145.3	12186.7
5°	8686.5	8878.5	9055.4	9341.4	9601.1	9969.9	10395.2	10922.1	11584.5	11923.3	12058.8
7.5°	6800.9	7026.7	7282.7	7561.2	7941.3	8603.7	9172.0	9781.7	10628.6	10978.6	11509.3
10°	5551.4	5803.6	6142.3	6356.8	6816.0	7448.3	8110.7	8814.5	9623.7	10128.0	10741.5
12.5°	4907.8	5114.8	5427.2	5878.8	6221.3	6631.6	7124.6	8012.8	9172.0	9650.0	10071.5
15°	4196.5	4426.1	4787.4	5287.9	5698.2	6187.5	6740.7	7708.0	8942.4	9680.1	10037.7
17.5°	3609.3	3774.9	4155.1	4587.9	5058.4	5592.8	6386.9	7692.9	9183.3	10128.0	10711.4
20°	3202.9	3225.5	3432.5	3801.3	4441.1	5137.4	6168.6	7617.6	9954.9	10899.5	11637.2
22.5°	2946.9	2924.4	2928.1	3240.5	3688.4	4689.5	5826.1	7873.6	10831.8	12126.5	12623.3
25°	2819.0	2758.8	2721.1	2788.9	3195.3	4158.8	5566.4	8212.3	11776.5	13138.9	13748.6
27.5°	2751.2	2645.9	2570.6	2581.9	2879.2	3891.6	5404.6	8359.1	12713.6	14550.3	14764.8
30°	2724.9	2593.2	2484.0	2446.4	2642.1	3519.0	5058.4	8611.2	13552.9	15325.6	15510.0
32.5°	2630.8	2469.0	2363.6	2329.7	2408.7	3191.6	4810.0	8791.9	14294.4	16168.7	16104.7
35°	2521.6	2386.2	2254.4	2190.4	2246.9	2980.8	4610.5	8705.3	15167.5	16823.5	16789.7
37.5°	2510.4	2333.5	2224.3	2118.9	2115.2	2721.1	4339.5	8788.1	15724.6	17997.8	17534.9
40°	2412.5	2299.6	2156.6	2070.0	2021.1	2589.4	4076.0	8592.4	16541.3	18472.0	18016.6
42.5°	2416.3	2246.9	2122.7	2021.1	1972.2	2397.4	3895.4	8539.7	16827.3	19243.6	18242.4
45°	2356.0	2190.4	2085.1	1964.6	1938.3	2250.7	3722.3	8295.1	17331.6	19281.2	17960.2
47.5°	2295.8	2149.0	2036.1	1893.1	1832.9	2198.0	3586.8	8091.9	17068.2	18927.4	17568.7
50°	2254.4	2085.1	1979.7	1878.1	1708.7	2107.6	3409.9	8042.9	16699.3	18449.4	16842.4
52.5°	2182.9	2032.4	1923.2	1844.2	1573.2	2024.8	3342.1	8329.0	17151.0	18091.9	16631.6
55°	2115.2	1960.9	1821.6	1667.3	1460.3	1806.6	3153.9	8596.2	17809.6	18916.1	17587.6
57.5°	2043.7	1896.9	1746.3	1561.9	1351.2	1580.7	2958.2	8645.1	16575.1	17482.2	16695.6
60°	1949.6	1761.4	1648.5	1407.6	1234.5	1309.8	2344.8	7621.4	12856.6	14599.2	14625.6
62.5°	1844.2	1641.0	1543.1	1260.8	1114.0	1129.1	1911.9	6405.7	10429.1	12085.1	12804.0
65°	1704.9	1509.2	1392.6	1166.7	1027.5	978.6	1400.1	4693.3	7922.5	9804.3	10621.0
67.5°	1524.3	1339.9	1193.1	1016.2	918.3	839.3	956.0	2642.1	4678.2	6582.6	6831.0
70°	1332.3	1174.3	1020.0	873.2	764.0	707.6	700.0	1170.5	2235.6	3541.6	4030.9
72.5°	1050.1	937.2	812.9	703.8	632.3	549.5	500.6	485.5	756.5	1441.5	1991.0
75°	752.7	658.6	587.1	515.6	462.9	417.8	380.1	346.3	316.1	361.3	496.8
77.5°	474.2	440.3	383.9	365.1	335.0	323.7	308.6	289.8	267.2	252.2	252.2
80°	319.9	297.3	278.5	274.7	263.5	259.7	263.5	244.6	222.1	203.2	210.8
82.5°	214.5	210.8	207.0	203.2	207.0	210.8	218.3	214.5	195.7	184.4	188.2
85°	128.0	135.5	143.0	150.5	165.6	146.8	120.4	101.6	90.3	82.8	79.0
87.5°	48.9	67.7	60.2	56.5	60.2	56.5	52.7	48.9	41.4	37.6	37.6
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: P531202

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**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	11524.3	11524.3	11524.3	11524.3	11524.3	11524.3	11524.3	11524.3	11524.3	11524.3
2.5°	12461.5	12536.7	12600.7	12585.7	12453.9	12277.0	12205.5	11840.5	11765.2	11716.3
5°	12630.8	13067.4	13161.5	13105.0	12762.6	12329.7	11908.2	11373.8	11061.4	11050.1
7.5°	12318.4	12856.6	13026.0	13154.0	12698.6	11945.8	11223.2	10421.6	10225.9	10240.9
10°	11524.3	12382.4	12800.2	12931.9	12408.8	11757.7	10756.5	9943.6	9525.8	9518.3
12.5°	11084.0	11757.7	11874.3	12058.8	11904.4	11245.8	10485.5	9574.7	9168.3	9160.7
15°	10692.5	11136.7	11170.5	11430.2	11513.0	11068.9	10557.1	9586.0	9258.6	9224.7
17.5°	11035.0	10726.4	10598.5	10632.3	10877.0	11038.8	10971.1	10225.9	9890.9	9702.7
20°	11264.6	10575.9	10188.2	10225.9	10515.7	11106.5	11588.3	11151.7	10621.0	10643.6
22.5°	11878.1	10598.5	9992.5	9951.1	10410.3	11460.3	12284.6	12322.2	11810.4	11686.2
25°	12796.4	10858.1	9932.3	9921.0	10361.3	11840.5	13097.5	13707.2	13184.1	12954.5
27.5°	13534.1	11264.6	10120.5	10158.1	10515.7	12149.1	13790.0	14599.2	14200.3	13918.0
30°	14181.5	11686.2	10383.9	10210.8	10929.7	12310.9	14087.4	15615.4	15295.5	15062.2
32.5°	14448.7	12284.6	10801.7	10515.7	11272.1	12506.6	14704.6	16601.5	16326.7	15750.9
35°	14900.3	12619.5	11027.5	11004.9	11870.6	12977.1	14994.4	17252.6	17139.7	16627.8
37.5°	15261.6	12958.3	11829.2	11580.8	12691.0	13767.5	15461.1	18152.1	17892.4	17651.5
40°	15540.1	13564.2	12578.1	12905.6	13699.7	14486.3	15890.2	18208.6	18957.5	18257.5
42.5°	15284.2	14106.2	13808.9	14591.7	15344.4	15306.8	15939.1	18645.2	19205.9	18840.9
45°	15220.2	15024.5	15754.7	16466.0	16639.1	15988.0	15589.1	18163.4	19130.7	18968.8
47.5°	15065.9	15927.8	17199.9	18359.1	18095.7	16443.4	15171.3	18076.8	19175.8	18886.0
50°	15013.2	16123.5	18268.8	19397.9	19239.8	16838.6	14975.6	17519.8	18855.9	18829.6
52.5°	15009.5	16526.2	18712.9	19962.4	20060.3	17463.4	15242.8	17802.1	19104.3	19326.4
55°	15178.8	16398.2	18656.4	19650.0	19612.4	17184.9	15272.9	17990.3	19409.2	19627.5
57.5°	14316.9	14689.5	15397.1	16183.7	15980.5	14234.1	13639.5	16631.6	17813.4	17655.3
60°	12363.6	11196.9	10399.0	10361.3	9966.2	9420.4	11163.0	14843.9	14843.9	14689.5
62.5°	10828.0	7350.4	6315.4	6021.8	6304.1	6932.7	10767.8	14437.4	14027.1	13850.3
65°	9469.4	5611.6	4565.3	4482.5	4971.8	5920.2	9736.6	12299.6	11577.0	10989.9
67.5°	6093.4	4109.9	3394.8	3248.0	3838.9	4347.0	6481.0	7564.9	7109.5	6880.0
70°	3929.3	2676.0	1889.4	1772.7	2002.3	2679.7	4140.0	4411.0	3748.6	3594.3
72.5°	1859.2	1155.4	662.4	545.7	613.5	1023.7	1637.2	1761.4	1464.1	1339.9
75°	590.9	425.3	271.0	233.3	222.1	263.5	376.4	289.8	210.8	207.0
77.5°	263.5	252.2	214.5	180.7	158.1	131.7	109.1	90.3	94.1	97.9
80°	218.3	199.5	176.9	158.1	131.7	101.6	79.0	60.2	60.2	64.0
82.5°	191.9	173.1	154.3	131.7	112.9	82.8	60.2	41.4	37.6	37.6
85°	82.8	97.9	105.4	112.9	90.3	67.7	41.4	26.3	22.6	22.6
87.5°	33.9	30.1	26.3	22.6	18.8	18.8	15.1	11.3	7.5	7.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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