

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: P531200

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

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P531200
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-24)
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-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 CRI, 2700K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT 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 II - Short
BUG Rating: B3 - U0 - G3

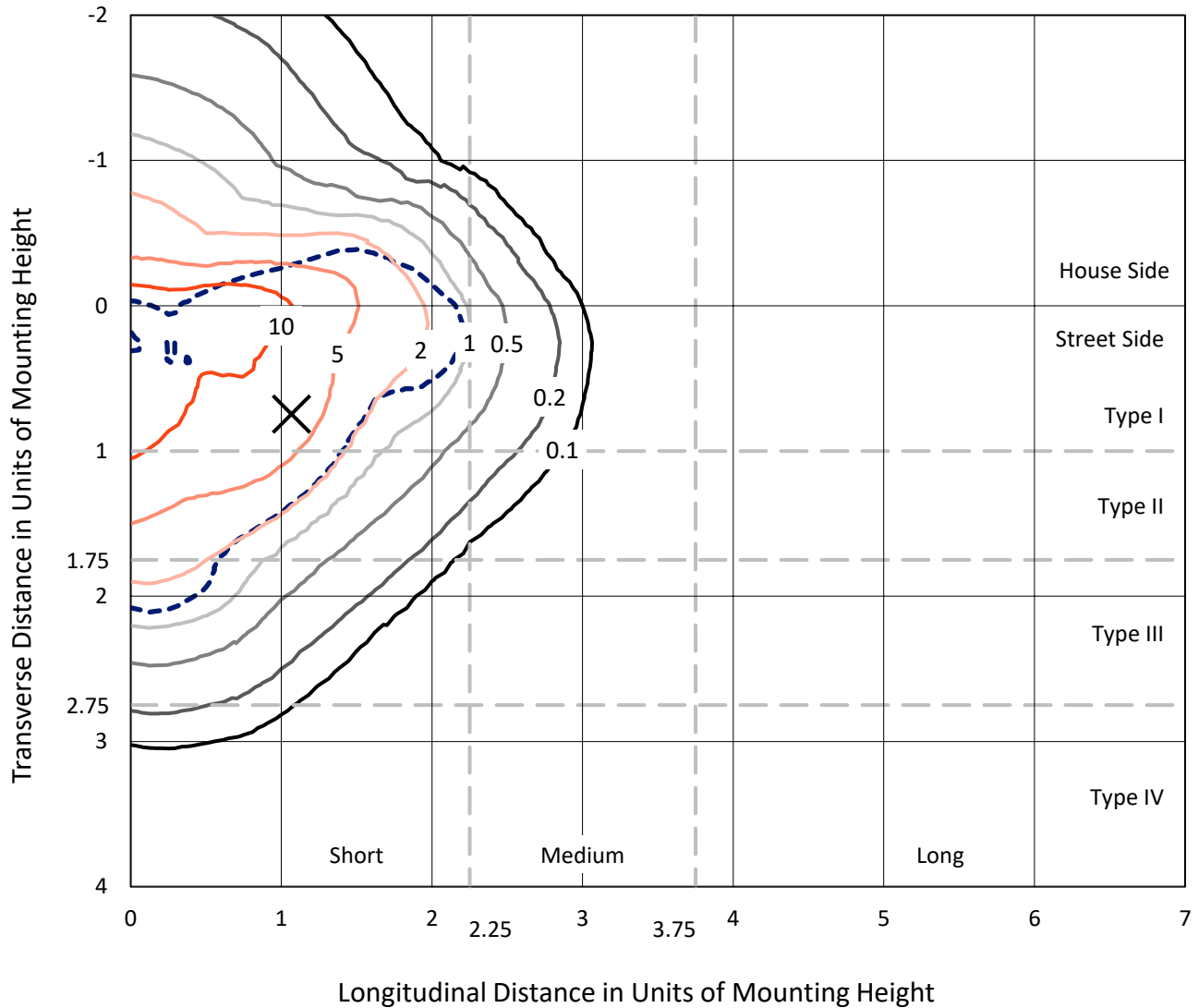
Input Watts (W): 321
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

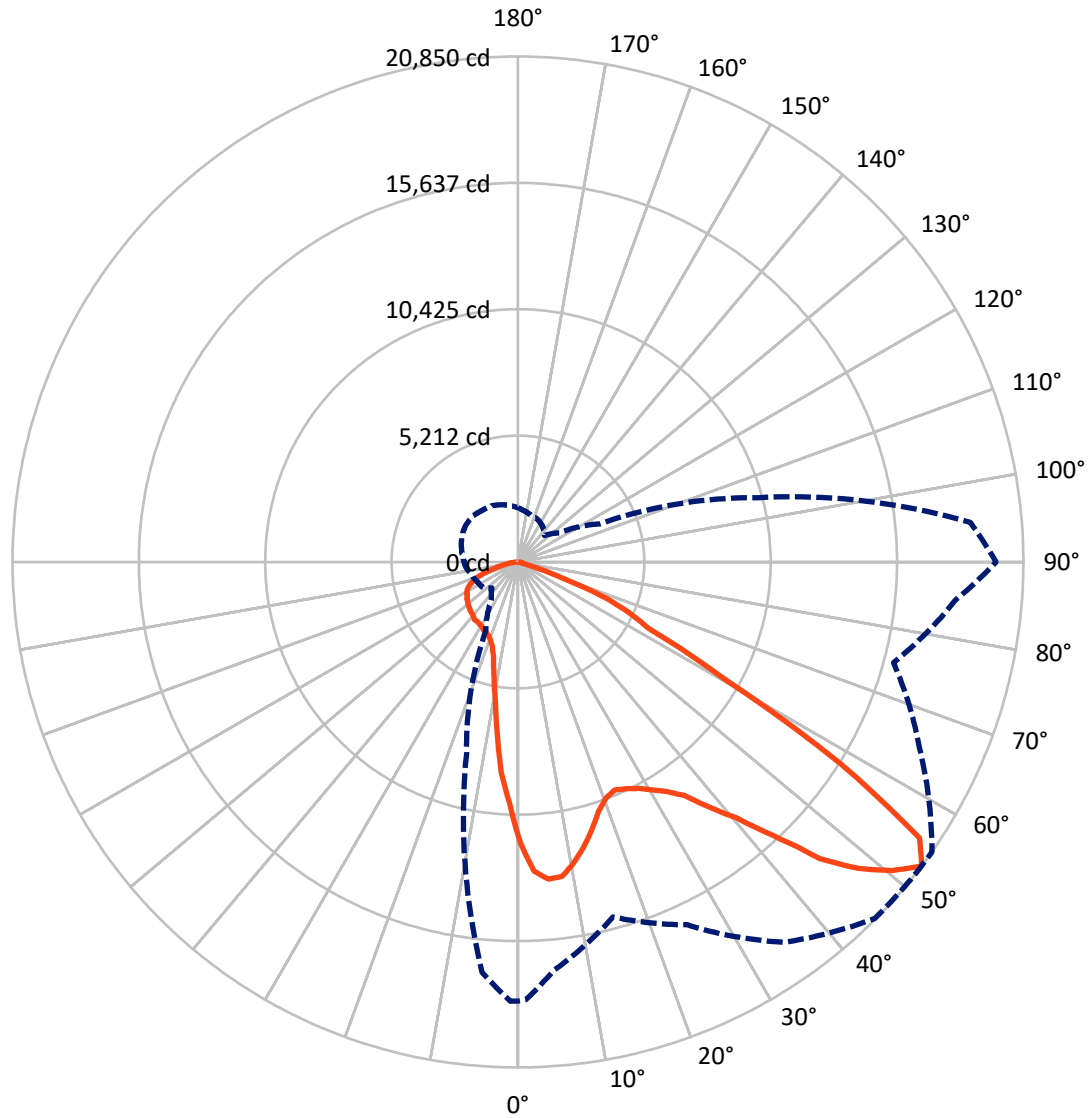
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 19.7 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral - - - Horizontal Cone Through 52.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7921.4	0.0	7921.4
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	18045.7	0.0	18045.7
	% Fixture	69.5	0.0	69.5
Total	Lumens	25967.0	0.0	25967.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	884.9	3.4
10°-20°	1908.0	7.3
20°-30°	2893.2	11.1
30°-40°	4180.3	16.1
40°-50°	5586.0	21.5
50°-60°	6235.2	24.0
60°-70°	3420.3	13.2
70°-80°	739.5	2.8
80°-90°	119.6	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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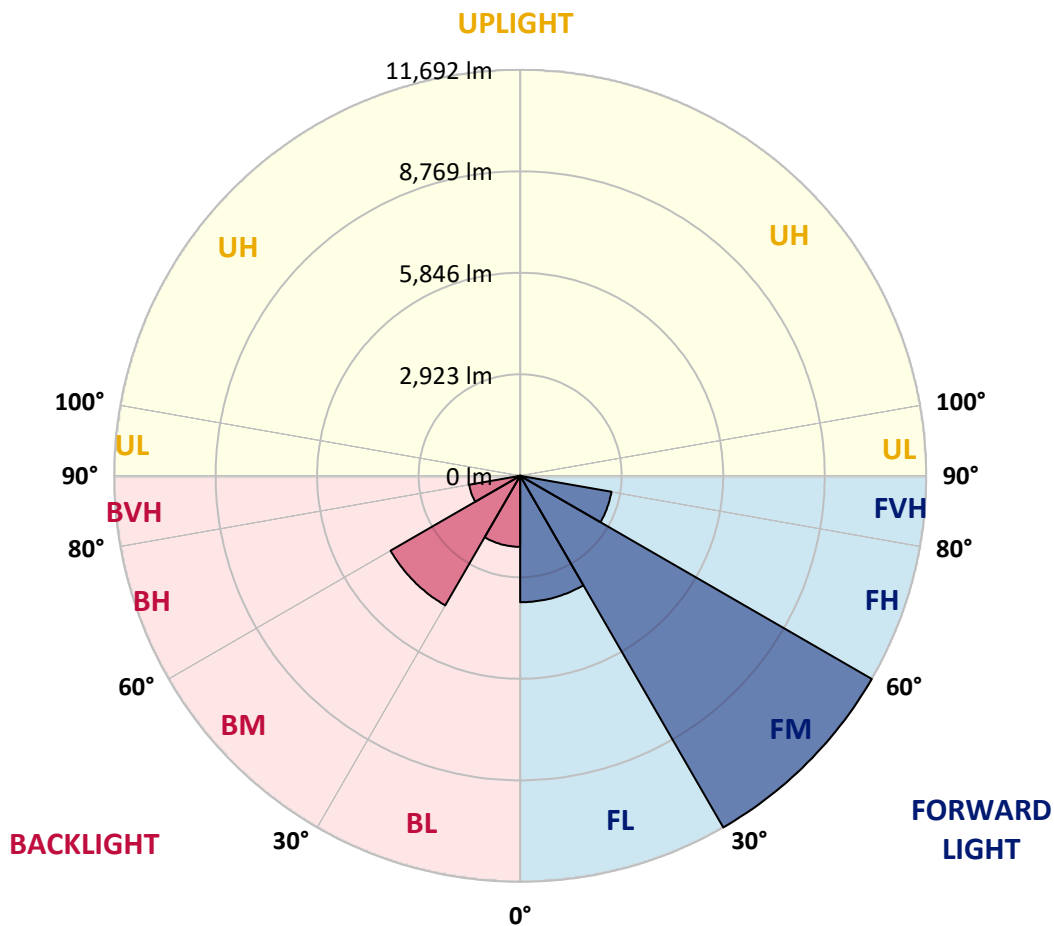
CATALOG NUMBER: GALN-SA6C-727-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3641.0	14.0			
FM (30°-60°)	11691.6	45.0			
FH (60°-80°)	2668.8	10.3			G2/5000
FVH (80°-90°)	44.3	0.2			G1/100
BL (0°-30°)	2045.2	7.9	B3/2500		
BM (30°-60°)	4309.9	16.6	B3/5000		
BH (60°-80°)	1491.0	5.7	B3/2500		G3/2500
BVH (80°-90°)	75.3	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 II Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	11583.3	11583.3	11583.3	11583.3	11583.3	11583.3	11583.3	11583.3	11583.3	11583.3	11583.3
2.5°	12155.8	12087.6	12148.2	12436.4	12603.2	12717.0	12789.0	12777.6	12504.6	12239.2	12239.2
5°	11799.4	11712.2	11837.3	12489.5	13145.4	13202.3	13297.1	13141.6	12739.7	12254.4	11647.7
7.5°	10768.1	10832.6	11041.1	11898.0	12751.1	13179.5	13293.3	13096.1	12444.0	11537.8	10646.8
10°	9877.1	10028.7	10510.3	11435.4	12220.3	12777.6	12902.8	12626.0	12110.3	10999.4	10203.2
12.5°	9570.0	9475.2	10009.8	10934.9	11685.7	11985.2	12042.1	12061.0	11712.2	10726.4	9755.7
15°	9532.0	9592.7	10009.8	10711.2	11173.8	11189.0	11283.8	11431.6	11477.1	10912.2	9964.3
17.5°	10078.0	10006.0	10434.4	10991.8	10771.9	10552.0	10574.7	10787.1	11162.4	11071.4	10620.2
20°	10885.6	11048.7	11386.1	11329.3	10737.8	10180.4	10184.2	10385.1	11124.5	11731.2	11534.0
22.5°	12227.9	12387.1	12637.4	11951.1	10737.8	10070.4	9941.5	10214.5	11367.2	12516.0	12565.3
25°	13452.5	13744.5	13812.7	13005.1	11276.2	10172.8	10089.4	10358.6	11609.8	13281.9	13748.3
27.5°	14567.3	14673.4	14973.0	13683.8	11575.7	10241.1	10233.5	10578.5	11917.0	13664.9	14806.1
30°	15446.9	15435.5	15606.2	14112.3	12053.4	10624.0	10256.2	10908.4	12318.9	14298.1	15784.4
32.5°	16046.0	16174.9	16535.1	14707.6	12254.4	10988.0	10699.9	11295.1	12808.0	14597.6	16474.4
35°	17100.0	17323.7	16868.8	15037.4	12891.4	11348.2	11010.8	11822.2	13050.6	14923.7	17320.0
37.5°	18093.4	17922.8	17460.2	15215.6	13304.7	12015.5	11700.8	12842.1	13805.2	15632.7	17881.1
40°	18730.4	18726.6	17903.9	15359.7	13596.6	13035.5	13016.5	13877.2	14730.3	16080.1	18510.5
42.5°	19007.2	19272.6	18085.9	15344.5	14210.9	14271.5	14654.5	15424.2	15386.2	16171.1	18495.3
44°	19386.4	19545.6	18400.6	15378.7	14620.3	15105.7	16008.1	16497.2	15958.8	16121.8	18476.4
45°	19371.2	19382.6	17953.2	15424.2	14969.2	15803.3	16610.9	17437.5	16463.1	16015.7	18726.6
47.5°	18927.6	18798.7	17574.0	15086.7	16057.4	17646.0	18393.0	18893.5	17084.9	15788.2	18415.7
50°	18051.7	17903.9	16652.6	14942.6	16284.9	18791.1	19822.4	20004.4	17649.8	15564.5	18108.6
52.5°	18112.4	18070.7	16914.3	15158.8	16512.4	19151.3	20804.4	20849.9	18290.6	16034.6	18112.4
55°	19196.8	19052.7	17665.0	15428.0	16345.5	18730.4	20178.8	20099.2	18074.5	15750.2	18446.1
57.5°	17566.4	17661.2	16626.1	14362.5	14305.6	15227.0	15864.0	15666.8	15082.9	14214.7	17160.7
60°	14172.9	14442.1	14540.7	12011.7	10794.6	10320.7	10131.1	9782.3	9880.9	11678.1	15075.3
62.5°	12155.8	12140.7	12758.7	10889.4	7071.3	6081.7	5990.7	6070.3	7207.8	11496.1	14764.4
65°	9638.2	9896.0	10085.6	9228.7	5596.4	4515.8	4512.0	5016.3	6237.2	9607.9	11920.7
67.5°	6119.6	6457.1	6692.1	5903.5	3742.3	3215.3	3128.1	3734.7	4322.4	6301.6	7177.5
70°	3450.3	3609.6	3715.8	3404.8	2381.1	1668.3	1569.7	1713.8	2612.4	4079.7	4254.2
72.5°	1330.8	1402.9	1547.0	1558.3	898.6	538.4	436.0	523.2	1099.6	1615.2	1539.4
75°	204.7	219.9	310.9	371.6	257.8	197.2	208.5	216.1	307.1	417.1	348.8
77.5°	98.6	98.6	94.8	110.0	128.9	140.3	151.7	166.8	182.0	201.0	193.4
80°	64.5	64.5	64.5	75.8	94.8	113.7	128.9	136.5	144.1	159.2	151.7
82.5°	41.7	41.7	41.7	56.9	75.8	94.8	102.4	121.3	136.5	159.2	147.9
85°	22.7	22.7	22.7	37.9	56.9	79.6	75.8	60.7	34.1	3.8	7.6
87.5°	7.6	7.6	7.6	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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°	11583.3	11583.3	11583.3	11583.3	11583.3	11583.3	11583.3	11583.3	11583.3	11583.3	11583.3
2.5°	11920.7	11746.3	11731.2	11374.8	11056.3	10900.8	10775.7	10426.9	10502.7	10301.7	10297.9
5°	11344.4	10988.0	10411.7	9937.7	9463.8	9369.0	8955.7	8595.5	8606.9	8349.1	8394.6
7.5°	10309.3	10062.9	9361.4	8618.3	7988.9	7541.5	7150.9	6915.9	6616.3	6513.9	6460.9
10°	9653.4	9350.0	8561.4	7628.7	6923.4	6684.6	6309.2	6100.7	5793.5	5641.9	5535.7
12.5°	9365.2	8921.6	7935.8	6987.9	6517.7	6271.3	5952.8	5573.6	5209.6	5069.3	4876.0
15°	9395.5	8864.7	7753.8	6730.1	6165.1	5687.4	5403.0	4982.1	4610.6	4364.1	4223.8
17.5°	9854.3	9209.8	7837.2	6532.9	5721.5	5122.4	4565.1	4110.1	3814.3	3628.5	3583.0
20°	10938.7	10062.9	7977.5	6214.4	5277.9	4530.9	3844.7	3370.7	3143.2	3139.4	3143.2
22.5°	11841.1	10972.8	8261.9	6024.8	4834.3	3772.6	3090.1	2938.5	2893.0	2987.8	2999.1
25°	13058.2	11996.6	8751.0	5926.2	4424.8	3215.3	2794.4	2737.5	2733.7	2855.1	2858.9
27.5°	14305.6	12891.4	9042.9	5638.1	4007.7	2927.1	2616.2	2604.8	2665.5	2794.4	2783.0
30°	15155.0	13642.1	9570.0	5293.1	3514.8	2673.1	2544.2	2559.3	2642.7	2741.3	2756.5
32.5°	16144.6	14381.5	9706.5	5103.5	3211.5	2460.7	2369.7	2403.9	2510.0	2665.5	2748.9
35°	17278.3	14904.7	9915.0	4845.6	3097.7	2297.7	2252.2	2290.1	2419.0	2521.4	2612.4
37.5°	18116.2	15829.9	9952.9	4644.7	2972.6	2206.7	2134.7	2259.8	2335.6	2479.7	2525.2
40°	18738.0	16501.0	10051.5	4519.6	2874.0	2089.2	2089.2	2172.6	2275.0	2407.7	2498.7
42.5°	19136.1	16990.1	10123.5	4405.8	2684.4	2055.0	2036.1	2119.5	2256.0	2384.9	2426.6
44°	19378.8	17198.6	10051.5	4299.7	2631.4	2013.3	2013.3	2085.4	2191.5	2343.2	2392.5
45°	19439.5	17460.2	9892.2	4295.9	2566.9	1964.0	1956.5	2093.0	2165.0	2350.8	2381.1
47.5°	19674.5	17782.5	9911.2	4174.5	2411.4	1846.5	1979.2	2039.9	2104.3	2267.4	2369.7
50°	19666.9	17983.5	9869.5	3996.3	2297.7	1713.8	1933.7	2002.0	2066.4	2233.2	2275.0
52.5°	19720.0	18734.2	10252.4	3712.0	2093.0	1543.2	1782.0	1933.7	2013.3	2153.6	2240.8
55°	19693.5	19162.7	10631.6	3499.6	1804.8	1440.8	1653.1	1831.3	1945.1	2093.0	2134.7
57.5°	17987.3	16937.0	9839.2	3101.5	1493.9	1319.5	1471.1	1725.2	1869.3	2020.9	2074.0
60°	14696.2	13054.4	8114.0	2282.5	1228.5	1213.3	1368.8	1691.0	1751.7	1884.4	1975.4
62.5°	13581.5	11450.6	6434.3	1744.1	1050.3	1110.9	1262.6	1528.0	1622.8	1785.8	1869.3
65°	10627.8	7605.9	3985.0	1179.2	925.1	997.2	1141.3	1338.4	1493.9	1645.5	1744.1
67.5°	6294.0	4155.6	1971.6	826.6	807.6	883.4	1031.3	1179.2	1357.4	1524.2	1573.5
70°	3427.6	2043.7	841.7	629.4	686.3	754.5	898.6	1001.0	1171.6	1300.5	1383.9
72.5°	1099.6	621.8	420.9	466.4	523.2	602.9	690.1	815.2	936.5	1012.4	1080.6
75°	265.4	261.6	299.5	326.1	379.2	439.8	511.9	576.3	671.1	743.2	803.8
77.5°	185.8	201.0	231.3	269.2	288.2	310.9	356.4	405.7	447.4	500.5	538.4
80°	144.1	155.5	178.2	197.2	216.1	235.1	257.8	276.8	303.3	337.5	356.4
82.5°	136.5	144.1	166.8	178.2	170.6	166.8	182.0	189.6	193.4	204.7	216.1
85°	11.4	0.0	7.6	26.5	64.5	94.8	102.4	102.4	98.6	106.2	106.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	15.2	11.4
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°	11583.3	11583.3	11583.3	11583.3	11583.3	11583.3	11583.3	11583.3	11583.3	11583.3	11583.3
2.5°	10252.4	10123.5	10172.8	10233.5	10146.3	9945.3	9998.4	9975.7	10180.4	10165.2	10370.0
5°	8595.5	8394.6	8417.3	8713.1	8618.3	8720.6	8515.9	8489.4	8527.3	8546.2	8580.4
7.5°	6578.4	6551.9	6779.4	7029.6	7147.1	7025.8	6824.9	6779.4	6737.6	6654.2	6843.8
10°	5368.9	5376.5	5361.3	5550.9	5683.6	5657.0	5535.7	5520.5	5440.9	5410.6	5516.8
12.5°	4792.6	4690.2	4640.9	4580.2	4682.6	4750.9	4697.8	4659.9	4663.6	4701.6	4716.7
15°	4235.2	4170.7	4064.6	3996.3	4045.6	4011.5	3992.5	4068.4	4049.4	4041.8	4132.8
17.5°	3609.6	3662.7	3655.1	3579.3	3643.7	3617.2	3613.4	3560.3	3488.3	3435.2	3465.5
20°	3196.3	3294.9	3370.7	3374.5	3408.6	3404.8	3348.0	3184.9	3131.8	3120.5	3128.1
22.5°	3048.4	3101.5	3192.5	3321.4	3321.4	3260.8	3192.5	3002.9	2953.6	2900.6	2877.8
25°	2930.9	3033.3	3150.8	3166.0	3226.6	3169.8	3059.8	2965.0	2862.6	2790.6	2790.6
27.5°	2870.2	2984.0	3071.2	3097.7	3181.1	3135.6	3021.9	2900.6	2779.2	2775.4	2711.0
30°	2843.7	2949.9	3006.7	3071.2	3109.1	3037.1	3002.9	2874.0	2752.7	2722.4	2616.2
32.5°	2764.1	2915.7	3021.9	3006.7	3037.1	3006.7	2957.4	2851.3	2714.8	2646.5	2635.2
35°	2673.1	2824.7	2938.5	3018.1	3037.1	2972.6	2942.3	2798.2	2612.4	2578.3	2460.7
37.5°	2623.8	2714.8	2855.1	2984.0	3010.5	2976.4	2874.0	2726.1	2540.4	2502.4	2400.1
40°	2563.1	2680.7	2790.6	2896.8	2976.4	2893.0	2775.4	2631.4	2547.9	2434.2	2403.9
42.5°	2517.6	2650.3	2741.3	2858.9	2949.9	2839.9	2703.4	2604.8	2487.3	2411.4	2324.2
44°	2502.4	2623.8	2684.4	2828.5	2904.4	2820.9	2707.2	2604.8	2468.3	2400.1	2324.2
45°	2449.4	2616.2	2680.7	2809.6	2874.0	2805.8	2661.7	2559.3	2460.7	2377.3	2297.7
47.5°	2396.3	2510.0	2620.0	2722.4	2767.9	2745.1	2623.8	2498.7	2381.1	2331.8	2256.0
50°	2381.1	2494.9	2597.2	2692.0	2745.1	2699.6	2589.7	2468.3	2331.8	2252.2	2187.7
52.5°	2305.3	2445.6	2559.3	2589.7	2657.9	2631.4	2547.9	2415.2	2286.3	2218.1	2165.0
55°	2195.3	2343.2	2498.7	2536.6	2635.2	2593.4	2468.3	2343.2	2233.2	2130.9	2062.6
57.5°	2153.6	2297.7	2449.4	2498.7	2559.3	2491.1	2460.7	2328.0	2153.6	2100.5	1994.4
60°	2047.5	2229.5	2354.6	2468.3	2472.1	2453.2	2400.1	2248.4	2104.3	2005.7	1929.9
62.5°	1964.0	2134.7	2233.2	2339.4	2403.9	2350.8	2297.7	2157.4	2002.0	1892.0	1804.8
65°	1842.7	1998.2	2081.6	2146.0	2218.1	2210.5	2119.5	2017.1	1854.1	1766.9	1683.5
67.5°	1656.9	1793.4	1907.2	1967.8	2013.3	2002.0	1933.7	1861.7	1694.8	1607.6	1547.0
70°	1433.2	1573.5	1645.5	1679.7	1725.2	1747.9	1694.8	1660.7	1512.8	1399.1	1342.2
72.5°	1152.6	1243.6	1349.8	1380.1	1399.1	1414.3	1414.3	1383.9	1232.3	1186.8	1088.2
75°	849.3	921.4	1001.0	1001.0	1035.1	1038.9	1046.5	1027.5	913.8	853.1	830.4
77.5°	576.3	629.4	693.9	720.4	743.2	739.4	735.6	682.5	621.8	595.3	572.5
80°	375.4	428.4	458.8	492.9	515.7	511.9	519.4	481.5	455.0	409.5	417.1
82.5°	223.7	265.4	295.7	337.5	337.5	348.8	348.8	337.5	310.9	288.2	288.2
85°	106.2	140.3	159.2	185.8	201.0	204.7	182.0	155.5	128.9	117.5	128.9
87.5°	19.0	26.5	37.9	34.1	41.7	37.9	37.9	37.9	37.9	30.3	34.1
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	11583.3	11583.3	11583.3	11583.3	11583.3	11583.3	11583.3	11583.3	11583.3	11583.3
2.5°	10294.2	10483.7	10616.4	10836.3	11215.5	11518.8	11829.7	12061.0	12087.6	12155.8
5°	8705.5	8807.9	9145.3	9585.1	9896.0	10407.9	10737.8	11336.8	11560.5	11799.4
7.5°	6798.3	6965.1	7416.3	7712.1	8394.6	9035.3	9698.9	10438.2	10734.0	10768.1
10°	5732.9	5975.5	6282.7	6756.6	7128.2	7841.0	8667.6	9490.3	9820.2	9877.1
12.5°	5035.2	5346.1	5755.6	6096.9	6453.3	7075.1	7867.5	8883.7	9312.1	9570.0
15°	4364.1	4686.4	5137.6	5611.5	5926.2	6669.4	7602.1	8747.2	9304.5	9532.0
17.5°	3674.0	3973.6	4345.2	4857.0	5490.2	6324.4	7560.4	9202.2	9812.6	10078.0
20°	3082.6	3249.4	3681.6	4208.7	5001.1	5971.7	7575.6	9873.3	10768.1	10885.6
22.5°	2851.3	2889.2	3059.8	3545.1	4413.4	5611.5	7844.8	10825.0	11841.1	12227.9
25°	2673.1	2665.5	2711.0	3037.1	3985.0	5471.3	8110.2	11700.8	13031.7	13452.5
27.5°	2574.5	2498.7	2502.4	2809.6	3681.6	5243.8	8451.4	12705.6	14381.5	14567.3
30°	2525.2	2510.0	2464.5	2589.7	3351.8	4902.5	8508.3	13695.2	15177.7	15446.9
32.5°	2494.9	2347.0	2290.1	2335.6	3040.9	4530.9	8720.6	14347.4	16163.5	16046.0
35°	2343.2	2210.5	2172.6	2218.1	2820.9	4322.4	8580.4	14916.1	16902.9	17100.0
37.5°	2286.3	2168.8	2093.0	2055.0	2616.2	4148.0	8508.3	15791.9	17619.5	18093.4
40°	2233.2	2108.1	2017.1	1979.2	2456.9	3916.7	8485.6	16466.9	18446.1	18730.4
42.5°	2172.6	2093.0	1990.6	1922.3	2263.6	3685.4	8223.9	16675.4	18700.1	19007.2
44°	2153.6	2032.3	1926.1	1903.4	2187.7	3567.9	8170.9	16865.0	18920.0	19386.4
45°	2134.7	2020.9	1899.6	1869.3	2161.2	3503.4	8098.8	16910.5	19284.0	19371.2
47.5°	2081.6	2009.5	1892.0	1808.6	2104.3	3363.1	7882.7	16652.6	18912.4	18927.6
50°	2039.9	1956.5	1835.1	1672.1	2028.5	3245.6	7981.3	16557.8	18017.6	18051.7
52.5°	1994.4	1869.3	1801.0	1520.4	1903.4	3147.0	8189.8	16986.3	18120.0	18112.4
55°	1941.3	1804.8	1638.0	1391.5	1694.8	3021.9	8694.1	17831.8	19067.9	19196.8
57.5°	1857.9	1740.3	1501.5	1277.8	1456.0	2783.0	8531.1	16212.8	17543.7	17566.4
60°	1747.9	1638.0	1361.2	1190.6	1194.3	2195.3	7628.7	12633.6	13843.1	14172.9
62.5°	1641.8	1581.1	1243.6	1065.4	1016.1	1747.9	6449.5	10498.9	11882.8	12155.8
65°	1516.6	1368.8	1141.3	970.6	872.1	1224.7	4568.9	7844.8	9270.4	9638.2
67.5°	1357.4	1198.1	1004.8	853.1	746.9	819.0	2358.4	4458.9	5903.5	6119.6
70°	1186.8	1038.9	845.5	720.4	602.9	564.9	1038.9	2127.1	3226.6	3450.3
72.5°	974.4	837.9	674.9	568.7	451.2	390.5	348.8	568.7	1145.1	1330.8
75°	705.2	610.4	508.1	405.7	318.5	250.2	204.7	170.6	189.6	204.7
77.5°	519.4	443.6	375.4	288.2	223.7	178.2	140.3	106.2	102.4	98.6
80°	405.7	360.2	299.5	231.3	174.4	132.7	98.6	72.0	64.5	64.5
82.5°	318.5	295.7	246.5	189.6	144.1	106.2	72.0	49.3	41.7	41.7
85°	121.3	121.3	178.2	155.5	110.0	75.8	49.3	26.5	22.7	22.7
87.5°	30.3	30.3	30.3	30.3	26.5	22.7	22.7	11.4	7.6	7.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)