

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: P533566

Luminaire Tested: **GALN-SA9A-730-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P533566
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-SA9A-730-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 3000K, 615mA 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: 28119 lumens
Efficiency: N/A
Efficacy: 102.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B3 - U0 - G3

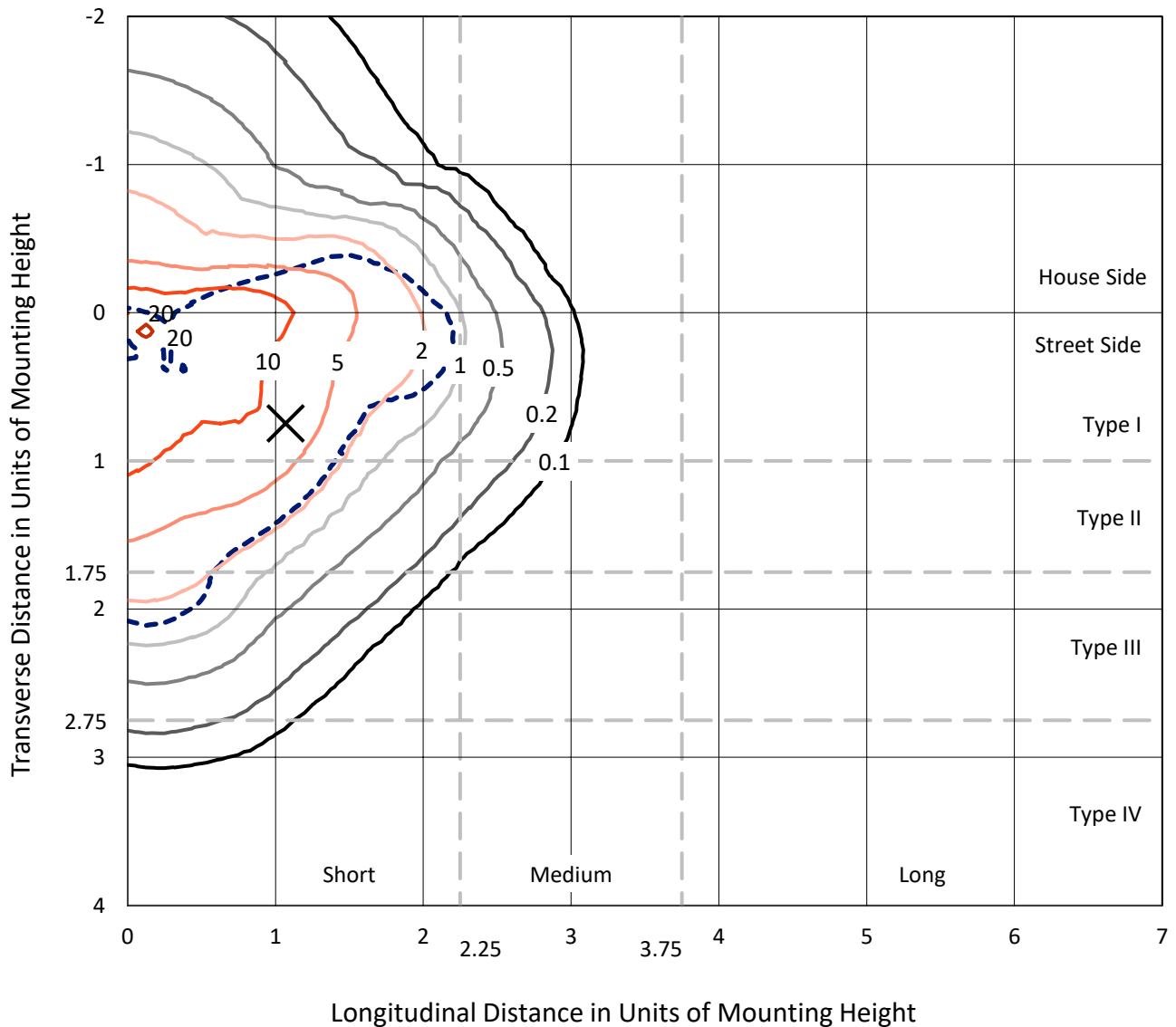
Input Watts (W): 274
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

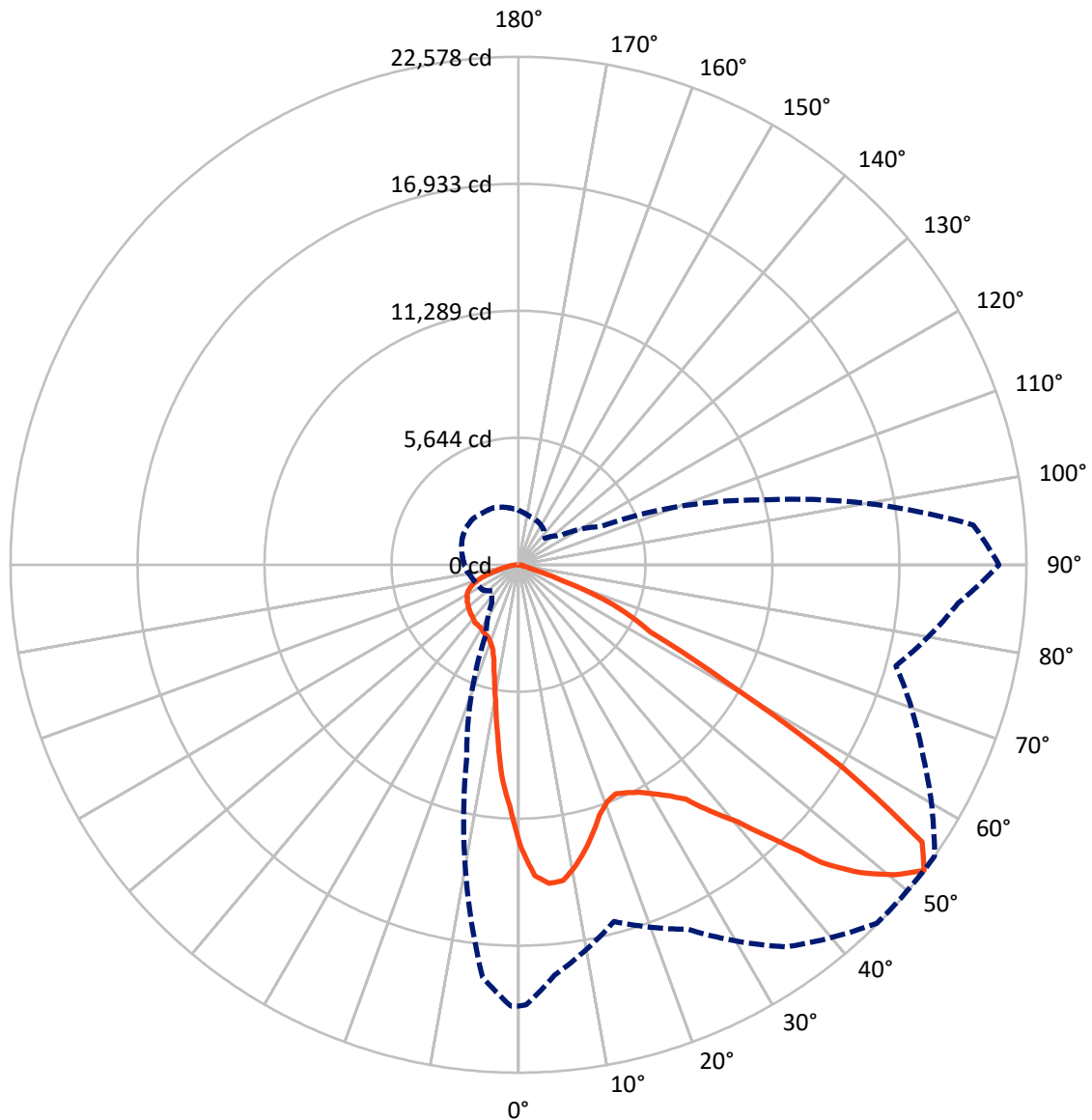
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 21.3 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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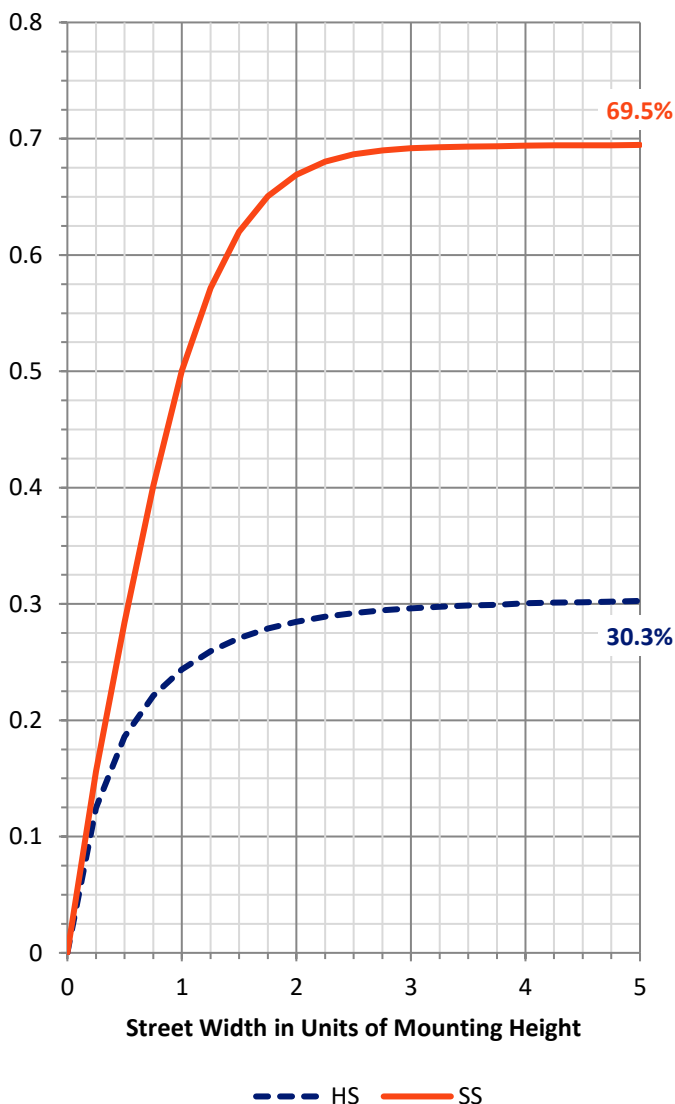
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8577.8	0.0	8577.8
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	19541.2	0.0	19541.2
	% Fixture	69.5	0.0	69.5
Total	Lumens	28119.0	0.0	28119.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	958.3	3.4
10°-20°	2066.2	7.3
20°-30°	3133.0	11.1
30°-40°	4526.7	16.1
40°-50°	6048.9	21.5
50°-60°	6751.9	24.0
60°-70°	3703.7	13.2
70°-80°	800.7	2.8
80°-90°	129.5	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°	28119.0	100.0
0°-180°	28119.0	100.0

Coefficient of Utilization



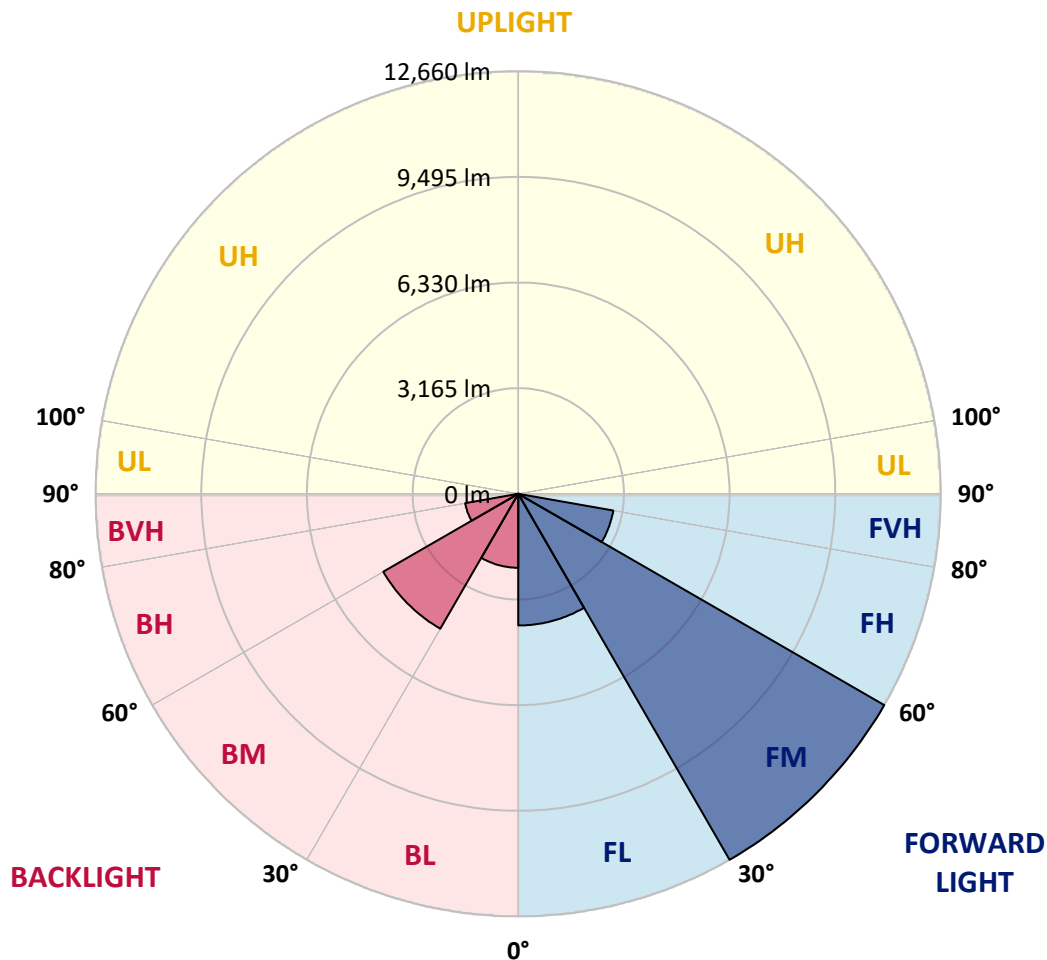
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3942.8	14.0			
FM (30°-60°)	12660.5	45.0			
FH (60°-80°)	2889.9	10.3			G2/5000
FVH (80°-90°)	48.0	0.2			G1/100
BL (0°-30°)	2214.7	7.9	B3/2500		
BM (30°-60°)	4667.0	16.6	B3/5000		
BH (60°-80°)	1614.5	5.7	B3/2500		G3/2500
BVH (80°-90°)	81.6	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°	12543.2	12543.2	12543.2	12543.2	12543.2	12543.2	12543.2	12543.2	12543.2	12543.2	12543.2
2.5°	13163.2	13089.3	13155.0	13467.1	13647.7	13770.9	13848.9	13836.6	13541.0	13253.6	13253.6
5°	12777.3	12682.8	12818.3	13524.5	14234.8	14296.4	14399.1	14230.7	13795.5	13270.0	12613.0
7.5°	11660.5	11730.3	11956.1	12884.0	13807.8	14271.8	14395.0	14181.5	13475.3	12494.0	11529.1
10°	10695.6	10859.9	11381.3	12383.1	13233.0	13836.6	13972.1	13672.3	13114.0	11911.0	11048.7
12.5°	10363.1	10260.4	10839.3	11841.2	12654.1	12978.5	13040.1	13060.6	12682.8	11615.3	10564.2
15°	10322.0	10387.7	10839.3	11598.9	12099.8	12116.2	12218.9	12379.0	12428.3	11816.5	10790.1
17.5°	10913.2	10835.2	11299.2	11902.7	11664.6	11426.5	11451.1	11681.0	12087.5	11989.0	11500.4
20°	11787.8	11964.3	12329.7	12268.2	11627.7	11024.1	11028.2	11245.8	12046.4	12703.4	12489.9
22.5°	13241.2	13413.7	13684.7	12941.5	11627.7	10905.0	10765.4	11061.1	12309.2	13553.3	13606.7
25°	14567.4	14883.6	14957.5	14082.9	12210.7	11015.9	10925.6	11217.1	12572.0	14382.7	14887.7
27.5°	15774.5	15889.5	16213.8	14817.9	12535.0	11089.8	11081.6	11455.2	12904.6	14797.3	16033.2
30°	16727.1	16714.8	16899.5	15281.8	13052.4	11504.5	11106.2	11812.4	13339.8	15483.0	17092.5
32.5°	17375.8	17515.4	17905.4	15926.4	13270.0	11898.6	11586.6	12231.2	13869.4	15807.4	17839.7
35°	18517.2	18759.4	18266.7	16283.6	13959.8	12288.7	11923.3	12801.9	14132.2	16160.5	18755.3
37.5°	19592.9	19408.2	18907.3	16476.6	14407.3	13011.3	12670.5	13906.4	14949.3	16928.3	19363.0
40°	20282.7	20278.6	19387.6	16632.6	14723.4	14115.8	14095.2	15027.3	15951.1	17412.7	20044.6
42.5°	20582.4	20869.8	19584.7	16616.2	15388.6	15454.3	15869.0	16702.4	16661.4	17511.3	20028.1
44°	20993.0	21165.4	19925.5	16653.2	15832.0	16357.5	17334.7	17864.4	17281.4	17457.9	20007.6
45°	20976.6	20988.9	19441.0	16702.4	16209.7	17113.0	17987.6	18882.6	17827.4	17342.9	20278.6
47.5°	20496.2	20356.6	19030.4	16337.0	17388.1	19108.4	19917.3	20459.3	18500.8	17096.6	19941.9
50°	19547.8	19387.6	18032.7	16181.0	17634.5	20348.4	21465.2	21662.3	19112.5	16854.3	19609.3
52.5°	19613.5	19568.3	18316.0	16415.0	17880.8	20738.4	22528.6	22577.8	19806.4	17363.5	19613.5
55°	20787.7	20631.7	19129.0	16706.5	17700.1	20282.7	21851.1	21764.9	19572.4	17055.5	19974.8
57.5°	19022.2	19124.9	18004.0	15552.8	15491.2	16488.9	17178.7	16965.2	16332.9	15392.7	18582.9
60°	15347.5	15639.0	15745.8	13007.2	11689.2	11176.0	10970.7	10593.0	10699.7	12645.9	16324.7
62.5°	13163.2	13146.8	13816.1	11791.9	7657.3	6585.7	6487.2	6573.4	7805.1	12448.8	15988.0
65°	10437.0	10716.2	10921.5	9993.5	6060.2	4890.0	4885.9	5432.0	6754.1	10404.1	12908.7
67.5°	6626.8	6992.2	7246.8	6392.7	4052.4	3481.7	3387.3	4044.2	4680.6	6823.9	7772.3
70°	3736.3	3908.7	4023.7	3687.0	2578.4	1806.6	1699.8	1855.8	2828.9	4417.9	4606.7
72.5°	1441.1	1519.1	1675.2	1687.5	973.1	583.0	472.2	566.6	1190.7	1749.1	1667.0
75°	221.7	238.1	336.7	402.4	279.2	213.5	225.8	234.0	332.6	451.6	377.7
77.5°	106.8	106.8	102.6	119.1	139.6	151.9	164.2	180.7	197.1	217.6	209.4
80°	69.8	69.8	69.8	82.1	102.6	123.2	139.6	147.8	156.0	172.4	164.2
82.5°	45.2	45.2	45.2	61.6	82.1	102.6	110.9	131.4	147.8	172.4	160.1
85°	24.6	24.6	24.6	41.1	61.6	86.2	82.1	65.7	37.0	4.1	8.2
87.5°	8.2	8.2	8.2	8.2	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°	12543.2	12543.2	12543.2	12543.2	12543.2	12543.2	12543.2	12543.2	12543.2	12543.2	12543.2
2.5°	12908.7	12719.8	12703.4	12317.4	11972.5	11804.2	11668.7	11291.0	11373.1	11155.5	11151.4
5°	12284.6	11898.6	11274.6	10761.3	10248.1	10145.5	9697.9	9307.9	9320.2	9041.0	9090.3
7.5°	11163.7	10896.8	10137.2	9332.5	8650.9	8166.5	7743.6	7489.0	7164.6	7053.8	6996.3
10°	10453.4	10124.9	9270.9	8260.9	7497.2	7238.5	6832.1	6606.2	6273.7	6109.4	5994.5
12.5°	10141.4	9661.0	8593.5	7567.0	7057.9	6791.0	6446.1	6035.5	5641.4	5489.5	5280.1
15°	10174.2	9599.4	8396.4	7287.8	6676.0	6158.7	5850.8	5395.0	4992.7	4725.8	4573.9
17.5°	10671.0	9973.0	8486.7	7074.3	6195.7	5546.9	4943.4	4450.7	4130.4	3929.3	3880.0
20°	11845.3	10896.8	8638.6	6729.4	5715.3	4906.4	4163.3	3650.1	3403.7	3399.6	3403.7
22.5°	12822.4	11882.2	8946.6	6524.1	5234.9	4085.3	3346.2	3182.0	3132.7	3235.4	3247.7
25°	14140.4	12990.8	9476.2	6417.4	4791.5	3481.7	3026.0	2964.4	2960.3	3091.7	3095.8
27.5°	15491.2	13959.8	9792.4	6105.3	4339.8	3169.7	2833.0	2820.7	2886.4	3026.0	3013.7
30°	16410.9	14772.7	10363.1	5731.7	3806.1	2894.6	2755.0	2771.4	2861.7	2968.5	2984.9
32.5°	17482.5	15573.3	10510.9	5526.4	3477.6	2664.7	2566.1	2603.1	2718.0	2886.4	2976.7
35°	18710.2	16139.9	10736.7	5247.2	3354.4	2488.1	2438.9	2479.9	2619.5	2730.4	2828.9
37.5°	19617.6	17141.8	10777.8	5029.6	3219.0	2389.6	2311.6	2447.1	2529.2	2685.2	2734.5
40°	20290.9	17868.5	10884.5	4894.1	3112.2	2262.3	2262.3	2352.6	2463.5	2607.2	2705.7
42.5°	20722.0	18398.1	10962.5	4771.0	2906.9	2225.3	2204.8	2295.1	2443.0	2582.6	2627.7
44°	20984.8	18624.0	10884.5	4656.0	2849.4	2180.2	2180.2	2258.2	2373.2	2537.4	2590.8
45°	21050.5	18907.3	10712.1	4651.9	2779.6	2126.8	2118.6	2266.4	2344.4	2545.6	2578.4
47.5°	21305.0	19256.2	10732.6	4520.5	2611.3	1999.5	2143.2	2208.9	2278.7	2455.3	2566.1
50°	21296.8	19473.9	10687.4	4327.5	2488.1	1855.8	2094.0	2167.9	2237.7	2418.3	2463.5
52.5°	21354.3	20286.8	11102.1	4019.6	2266.4	1671.1	1929.7	2094.0	2180.2	2332.1	2426.5
55°	21325.6	20750.8	11512.7	3789.7	1954.4	1560.2	1790.1	1983.1	2106.3	2266.4	2311.6
57.5°	19478.0	18340.7	10654.6	3358.6	1617.7	1428.8	1593.1	1868.1	2024.2	2188.4	2245.9
60°	15914.1	14136.3	8786.4	2471.7	1330.3	1313.9	1482.2	1831.2	1896.9	2040.6	2139.1
62.5°	14707.0	12399.5	6967.6	1888.7	1137.3	1203.0	1367.2	1654.6	1757.3	1933.8	2024.2
65°	11508.6	8236.3	4315.2	1276.9	1001.8	1079.8	1235.8	1449.4	1617.7	1781.9	1888.7
67.5°	6815.6	4500.0	2135.0	895.1	874.5	956.7	1116.8	1276.9	1469.9	1650.5	1703.9
70°	3711.7	2213.0	911.5	681.6	743.2	817.1	973.1	1083.9	1268.7	1408.3	1498.6
72.5°	1190.7	673.4	455.7	505.0	566.6	652.8	747.3	882.7	1014.1	1096.3	1170.2
75°	287.4	283.3	324.4	353.1	410.6	476.3	554.3	624.1	726.7	804.7	870.4
77.5°	201.2	217.6	250.5	291.5	312.0	336.7	385.9	439.3	484.5	542.0	583.0
80°	156.0	168.3	193.0	213.5	234.0	254.6	279.2	299.7	328.5	365.4	385.9
82.5°	147.8	156.0	180.7	193.0	184.8	180.7	197.1	205.3	209.4	221.7	234.0
85°	12.3	0.0	8.2	28.7	69.8	102.6	110.9	110.9	106.8	115.0	115.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	16.4	12.3
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°	12543.2	12543.2	12543.2	12543.2	12543.2	12543.2	12543.2	12543.2	12543.2	12543.2	12543.2
2.5°	11102.1	10962.5	11015.9	11081.6	10987.1	10769.5	10827.0	10802.4	11024.1	11007.7	11229.4
5°	9307.9	9090.3	9114.9	9435.2	9332.5	9443.4	9221.6	9192.9	9234.0	9254.5	9291.4
7.5°	7123.6	7094.8	7341.2	7612.2	7739.5	7608.1	7390.5	7341.2	7296.0	7205.7	7411.0
10°	5813.8	5822.0	5805.6	6010.9	6154.6	6125.9	5994.5	5978.1	5891.8	5859.0	5974.0
12.5°	5189.7	5078.9	5025.5	4959.8	5070.7	5144.6	5087.1	5046.0	5050.1	5091.2	5107.6
15°	4586.2	4516.4	4401.4	4327.5	4380.9	4343.9	4323.4	4405.5	4385.0	4376.8	4475.3
17.5°	3908.7	3966.2	3958.0	3875.9	3945.7	3916.9	3912.8	3855.4	3777.3	3719.9	3752.7
20°	3461.2	3567.9	3650.1	3654.2	3691.1	3687.0	3625.4	3448.9	3391.4	3379.1	3387.3
22.5°	3301.1	3358.6	3457.1	3596.7	3596.7	3531.0	3457.1	3251.8	3198.4	3140.9	3116.3
25°	3173.8	3284.6	3411.9	3428.4	3494.0	3432.5	3313.4	3210.7	3099.9	3021.9	3021.9
27.5°	3108.1	3231.3	3325.7	3354.4	3444.8	3395.5	3272.3	3140.9	3009.6	3005.5	2935.7
30°	3079.4	3194.3	3255.9	3325.7	3366.8	3288.8	3251.8	3112.2	2980.8	2948.0	2833.0
32.5°	2993.1	3157.4	3272.3	3255.9	3288.8	3255.9	3202.5	3087.6	2939.8	2865.9	2853.5
35°	2894.6	3058.8	3182.0	3268.2	3288.8	3219.0	3186.1	3030.1	2828.9	2792.0	2664.7
37.5°	2841.2	2939.8	3091.7	3231.3	3260.0	3223.1	3112.2	2952.1	2750.9	2709.8	2599.0
40°	2775.5	2902.8	3021.9	3136.8	3223.1	3132.7	3005.5	2849.4	2759.1	2635.9	2603.1
42.5°	2726.3	2870.0	2968.5	3095.8	3194.3	3075.3	2927.4	2820.7	2693.4	2611.3	2516.9
44°	2709.8	2841.2	2906.9	3062.9	3145.1	3054.7	2931.5	2820.7	2672.9	2599.0	2516.9
45°	2652.4	2833.0	2902.8	3042.4	3112.2	3038.3	2882.3	2771.4	2664.7	2574.3	2488.1
47.5°	2594.9	2718.0	2837.1	2948.0	2997.2	2972.6	2841.2	2705.7	2578.4	2525.1	2443.0
50°	2578.4	2701.6	2812.5	2915.1	2972.6	2923.3	2804.3	2672.9	2525.1	2438.9	2369.1
52.5°	2496.3	2648.2	2771.4	2804.3	2878.2	2849.4	2759.1	2615.4	2475.8	2401.9	2344.4
55°	2377.3	2537.4	2705.7	2746.8	2853.5	2808.4	2672.9	2537.4	2418.3	2307.5	2233.6
57.5°	2332.1	2488.1	2652.4	2705.7	2771.4	2697.5	2664.7	2521.0	2332.1	2274.6	2159.7
60°	2217.1	2414.2	2549.7	2672.9	2677.0	2656.5	2599.0	2434.7	2278.7	2172.0	2089.9
62.5°	2126.8	2311.6	2418.3	2533.3	2603.1	2545.6	2488.1	2336.2	2167.9	2048.8	1954.4
65°	1995.4	2163.8	2254.1	2323.9	2401.9	2393.7	2295.1	2184.3	2007.7	1913.3	1823.0
67.5°	1794.2	1942.0	2065.2	2130.9	2180.2	2167.9	2094.0	2016.0	1835.3	1740.9	1675.2
70°	1552.0	1703.9	1781.9	1818.9	1868.1	1892.8	1835.3	1798.3	1638.2	1515.0	1453.5
72.5°	1248.2	1346.7	1461.7	1494.5	1515.0	1531.5	1531.5	1498.6	1334.4	1285.1	1178.4
75°	919.7	997.7	1083.9	1083.9	1120.9	1125.0	1133.2	1112.7	989.5	923.8	899.2
77.5°	624.1	681.6	751.4	780.1	804.7	800.6	796.5	739.0	673.4	644.6	620.0
80°	406.5	464.0	496.8	533.8	558.4	554.3	562.5	521.4	492.7	443.4	451.6
82.5°	242.2	287.4	320.3	365.4	365.4	377.7	377.7	365.4	336.7	312.0	312.0
85°	115.0	151.9	172.4	201.2	217.6	221.7	197.1	168.3	139.6	127.3	139.6
87.5°	20.5	28.7	41.1	37.0	45.2	41.1	41.1	41.1	41.1	32.8	37.0
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	12543.2	12543.2	12543.2	12543.2	12543.2	12543.2	12543.2	12543.2	12543.2	12543.2
2.5°	11147.3	11352.6	11496.3	11734.4	12145.0	12473.5	12810.1	13060.6	13089.3	13163.2
5°	9426.9	9537.8	9903.2	10379.5	10716.2	11270.4	11627.7	12276.4	12518.6	12777.3
7.5°	7361.7	7542.4	8031.0	8351.2	9090.3	9784.1	10502.7	11303.3	11623.5	11660.5
10°	6208.0	6470.8	6803.3	7316.6	7718.9	8490.8	9385.9	10276.8	10634.0	10695.6
12.5°	5452.5	5789.2	6232.6	6602.1	6988.1	7661.4	8519.6	9619.9	10083.9	10363.1
15°	4725.8	5074.8	5563.4	6076.6	6417.4	7222.1	8232.1	9472.1	10075.7	10322.0
17.5°	3978.5	4302.9	4705.3	5259.5	5945.2	6848.5	8187.0	9964.8	10625.8	10913.2
20°	3338.0	3518.7	3986.7	4557.4	5415.6	6466.7	8203.4	10691.5	11660.5	11787.8
22.5°	3087.6	3128.6	3313.4	3838.9	4779.2	6076.6	8494.9	11722.1	12822.4	13241.2
25°	2894.6	2886.4	2935.7	3288.8	4315.2	5924.7	8782.3	12670.5	14111.7	14567.4
27.5°	2787.8	2705.7	2709.8	3042.4	3986.7	5678.3	9151.9	13758.6	15573.3	15774.5
30°	2734.5	2718.0	2668.8	2804.3	3629.5	5308.8	9213.4	14830.2	16435.6	16727.1
32.5°	2701.6	2541.5	2479.9	2529.2	3292.9	4906.4	9443.4	15536.4	17503.1	17375.8
35°	2537.4	2393.7	2352.6	2401.9	3054.7	4680.6	9291.4	16152.3	18303.7	18517.2
37.5°	2475.8	2348.5	2266.4	2225.3	2833.0	4491.8	9213.4	17100.7	19079.7	19592.9
40°	2418.3	2282.8	2184.3	2143.2	2660.6	4241.3	9188.8	17831.5	19974.8	20282.7
42.5°	2352.6	2266.4	2155.6	2081.6	2451.2	3990.8	8905.5	18057.4	20249.9	20582.4
44°	2332.1	2200.7	2085.8	2061.1	2369.1	3863.6	8848.0	18262.6	20488.0	20993.0
45°	2311.6	2188.4	2057.0	2024.2	2340.3	3793.8	8770.0	18311.9	20882.1	20976.6
47.5°	2254.1	2176.1	2048.8	1958.5	2278.7	3641.9	8536.0	18032.7	20479.8	20496.2
50°	2208.9	2118.6	1987.2	1810.7	2196.6	3514.6	8642.7	17930.1	19510.8	19547.8
52.5°	2159.7	2024.2	1950.3	1646.4	2061.1	3407.8	8868.5	18394.0	19621.7	19613.5
55°	2102.2	1954.4	1773.7	1506.8	1835.3	3272.3	9414.6	19309.6	20648.1	20787.7
57.5°	2011.8	1884.6	1625.9	1383.7	1576.6	3013.7	9238.1	17556.4	18997.6	19022.2
60°	1892.8	1773.7	1474.0	1289.2	1293.3	2377.3	8260.9	13680.6	14990.3	15347.5
62.5°	1777.8	1712.1	1346.7	1153.7	1100.4	1892.8	6984.0	11369.0	12867.6	13163.2
65°	1642.3	1482.2	1235.8	1051.1	944.3	1326.2	4947.5	8494.9	10038.7	10437.0
67.5°	1469.9	1297.4	1088.0	923.8	808.8	886.9	2553.8	4828.4	6392.7	6626.8
70°	1285.1	1125.0	915.6	780.1	652.8	611.8	1125.0	2303.4	3494.0	3736.3
72.5°	1055.2	907.4	730.8	615.9	488.6	422.9	377.7	615.9	1240.0	1441.1
75°	763.7	661.0	550.2	439.3	344.9	271.0	221.7	184.8	205.3	221.7
77.5°	562.5	480.4	406.5	312.0	242.2	193.0	151.9	115.0	110.9	106.8
80°	439.3	390.1	324.4	250.5	188.9	143.7	106.8	78.0	69.8	69.8
82.5°	344.9	320.3	266.9	205.3	156.0	115.0	78.0	53.4	45.2	45.2
85°	131.4	131.4	193.0	168.3	119.1	82.1	53.4	28.7	24.6	24.6
87.5°	32.8	32.8	32.8	32.8	28.7	24.6	24.6	12.3	8.2	8.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)