

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: P531486

Luminaire Tested: **GALN-SA6D-735-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P531486
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-SA6D-735-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 CRI, 3500K, 1200mA 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: 31826 lumens
Efficiency: N/A
Efficacy: 86.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B4 - U0 - G3

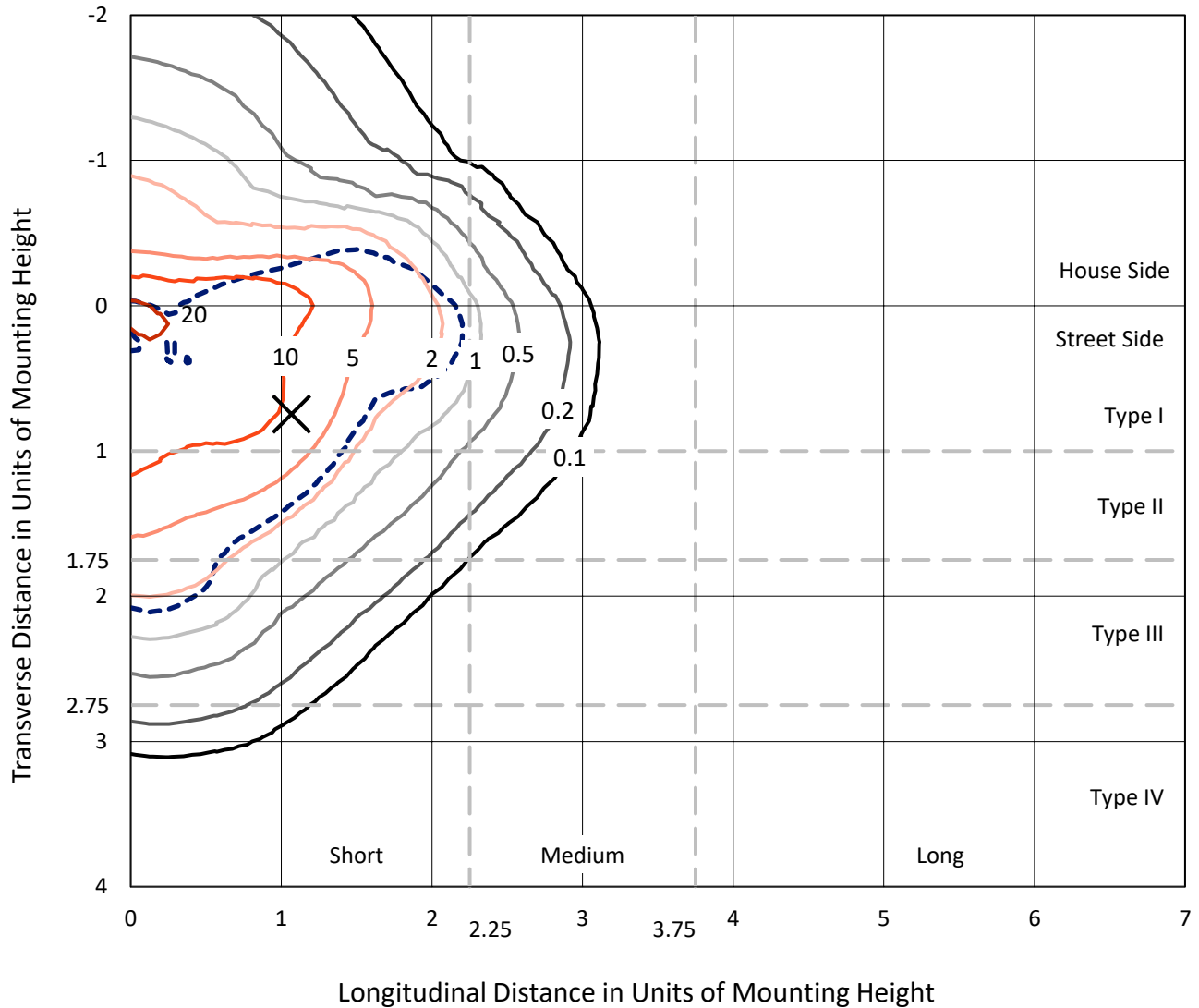
Input Watts (W): 368
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

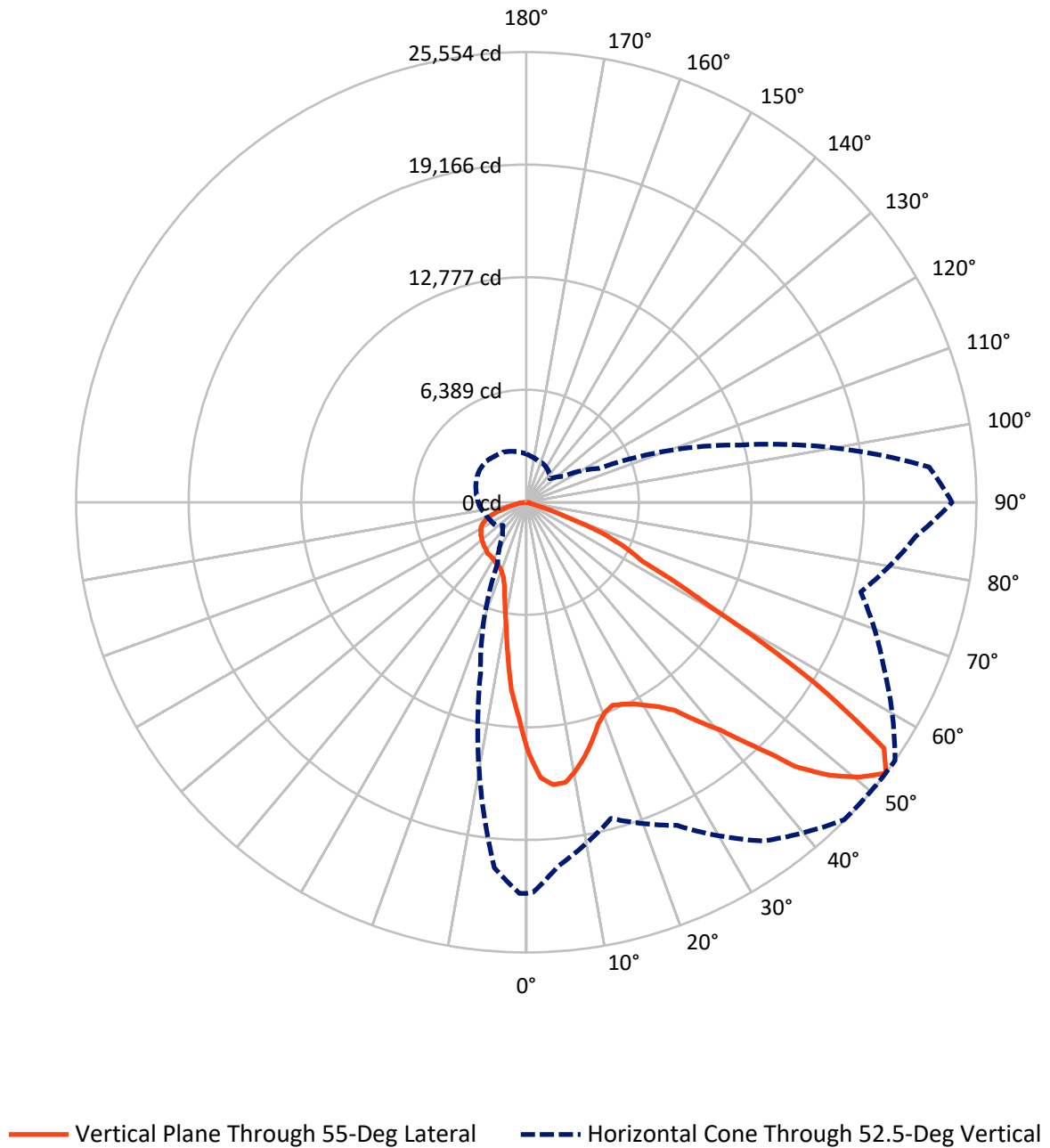
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 24.1 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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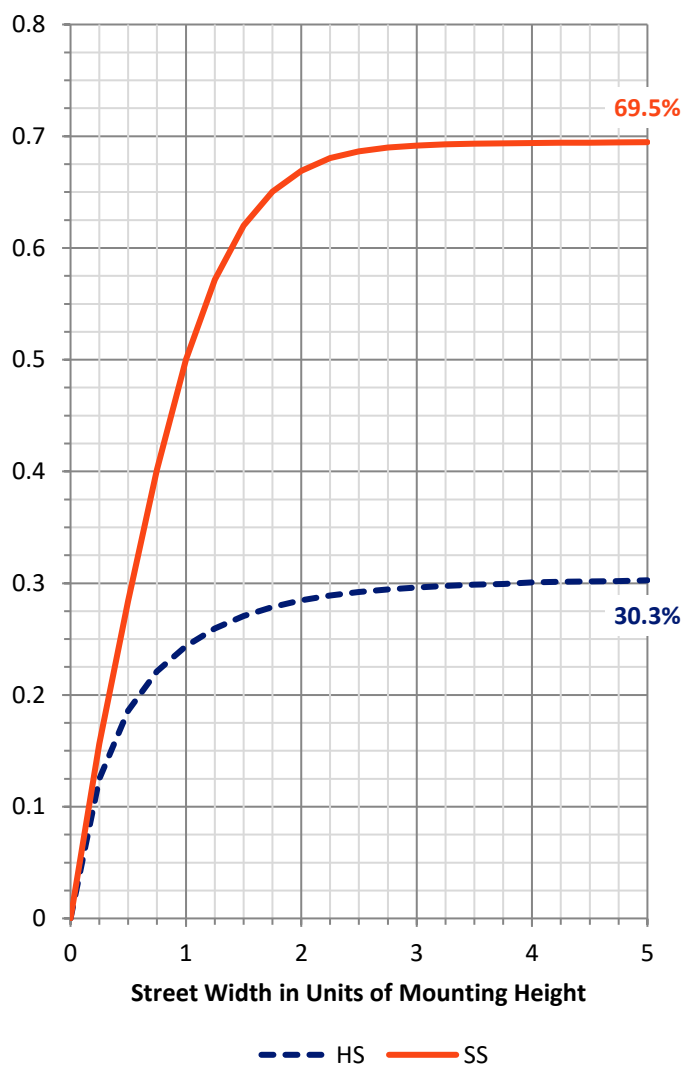
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9708.7	0.0	9708.7
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	22117.3	0.0	22117.3
	% Fixture	69.5	0.0	69.5
Total	Lumens	31826.0	0.0	31826.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1084.6	3.4
10°-20°	2338.6	7.3
20°-30°	3546.0	11.1
30°-40°	5123.5	16.1
40°-50°	6846.4	21.5
50°-60°	7642.0	24.0
60°-70°	4192.0	13.2
70°-80°	906.3	2.8
80°-90°	146.6	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°	31826.0	100.0
0°-180°	31826.0	100.0

Coefficient of Utilization



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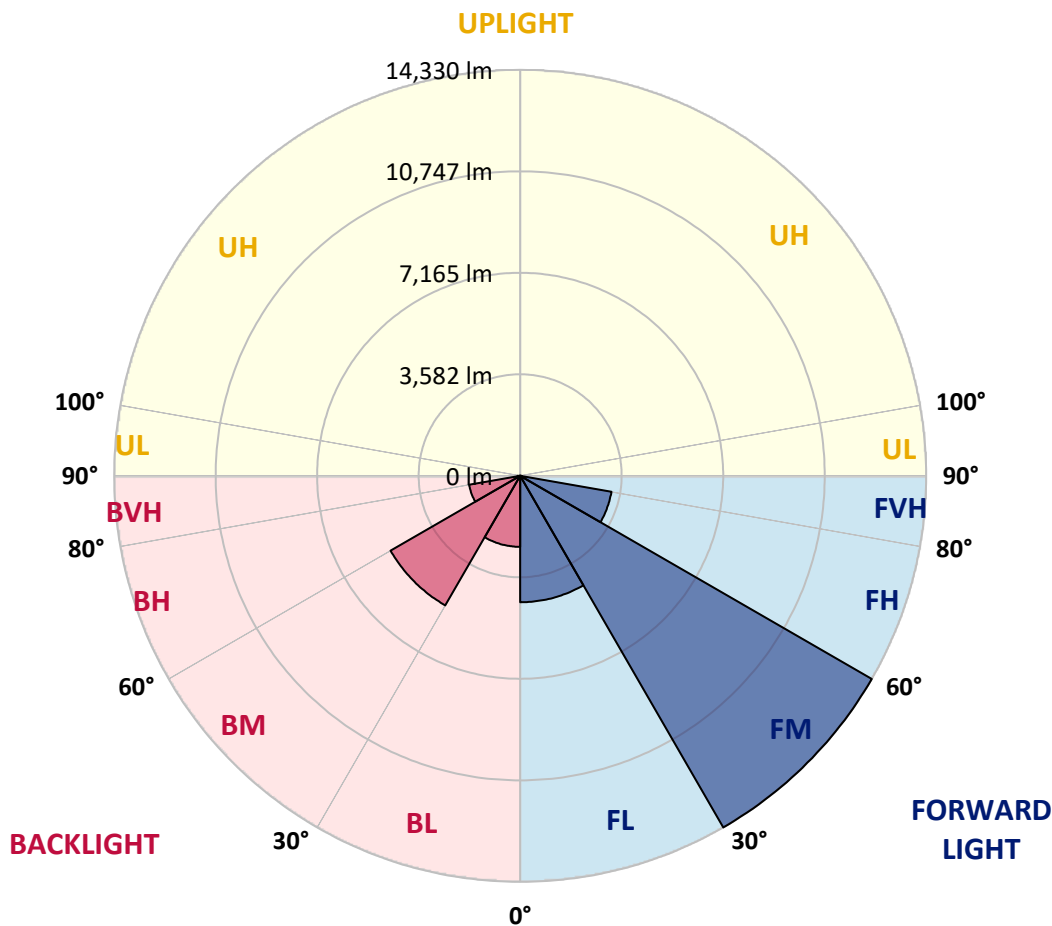
CATALOG NUMBER: GALN-SA6D-735-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4462.6	14.0			
FM (30°-60°)	14329.6	45.0			
FH (60°-80°)	3270.9	10.3			G2/5000
FVH (80°-90°)	54.3	0.2			G1/100
BL (0°-30°)	2506.6	7.9	B4/5000		
BM (30°-60°)	5282.3	16.6	B4/8500		
BH (60°-80°)	1827.4	5.7	B3/2500		G3/2500
BVH (80°-90°)	92.3	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G3

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	14196.9	14196.9	14196.9	14196.9	14196.9	14196.9	14196.9	14196.9	14196.9	14196.9	14196.9
2.5°	14898.6	14814.9	14889.3	15242.5	15446.9	15586.3	15674.6	15660.7	15326.1	15000.8	15000.8
5°	14461.7	14354.9	14508.2	15307.5	16111.5	16181.2	16297.3	16106.8	15614.2	15019.4	14275.9
7.5°	13197.7	13276.7	13532.3	14582.6	15628.2	16153.3	16292.7	16051.0	15251.7	14141.1	13049.0
10°	12105.7	12291.6	12881.7	14015.6	14977.6	15660.7	15814.0	15474.8	14842.8	13481.2	12505.3
12.5°	11729.3	11613.1	12268.3	13402.2	14322.3	14689.4	14759.2	14782.4	14354.9	13146.6	11957.0
15°	11682.8	11757.1	12268.3	13128.0	13695.0	13713.6	13829.7	14011.0	14066.7	13374.3	12212.6
17.5°	12352.0	12263.7	12788.8	13471.9	13202.4	12932.8	12960.7	13221.0	13681.0	13569.5	13016.5
20°	13341.8	13541.6	13955.2	13885.5	13160.6	12477.4	12482.1	12728.4	13634.6	14378.1	14136.4
22.5°	14986.9	15182.0	15488.7	14647.6	13160.6	12342.7	12184.7	12519.3	13932.0	15340.0	15400.5
25°	16487.9	16845.7	16929.3	15939.5	13820.4	12468.1	12365.9	12695.8	14229.4	16278.8	16850.3
27.5°	17854.1	17984.2	18351.4	16771.3	14187.6	12551.8	12542.5	12965.4	14605.8	16748.1	18146.9
30°	18932.2	18918.3	19127.4	17296.5	14773.1	13021.1	12570.4	13369.7	15098.4	17524.2	19345.8
32.5°	19666.5	19824.5	20266.0	18026.1	15019.4	13467.3	13114.1	13843.7	15697.9	17891.3	20191.6
35°	20958.4	21232.6	20674.9	18430.4	15800.1	13908.7	13495.1	14489.6	15995.3	18290.9	21227.9
37.5°	22175.9	21966.8	21399.8	18648.8	16306.6	14726.6	14340.9	15739.7	16920.1	19159.9	21915.7
40°	22956.6	22952.0	21943.6	18825.4	16664.5	15976.7	15953.5	17008.3	18053.9	19708.3	22687.1
42.5°	23295.9	23621.2	22166.6	18806.8	17417.3	17491.6	17961.0	18904.4	18857.9	19819.8	22668.5
44°	23760.6	23955.7	22552.3	18848.6	17919.2	18514.0	19620.0	20219.5	19559.6	19759.4	22645.3
45°	23742.0	23755.9	22004.0	18904.4	18346.7	19369.1	20358.9	21372.0	20177.7	19629.3	22952.0
47.5°	23198.3	23040.3	21539.3	18490.8	19680.4	21627.6	22543.0	23156.4	20939.8	19350.5	22570.9
50°	22124.8	21943.6	20410.0	18314.2	19959.2	23031.0	24295.0	24518.0	21632.2	19076.3	22194.5
52.5°	22199.1	22148.0	20730.7	18579.1	20238.1	23472.4	25498.6	25554.3	22417.6	19652.5	22199.1
55°	23528.2	23351.6	21650.8	18909.0	20033.6	22956.6	24731.8	24634.2	22152.7	19304.0	22608.1
57.5°	21530.0	21646.1	20377.5	17603.2	17533.5	18662.7	19443.4	19201.8	18486.1	17421.9	21032.7
60°	17370.8	17700.8	17821.6	14722.0	13230.3	12649.4	12417.0	11989.5	12110.3	14313.0	18476.8
62.5°	14898.6	14880.0	15637.5	13346.4	8666.8	7453.9	7342.4	7440.0	8834.1	14090.0	18095.8
65°	11812.9	12128.9	12361.3	11311.0	6859.1	5534.7	5530.0	6148.1	7644.5	11775.7	14610.4
67.5°	7500.4	7914.0	8202.1	7235.5	4586.7	3940.7	3833.8	4577.4	5297.7	7723.5	8796.9
70°	4228.9	4424.0	4554.1	4173.1	2918.4	2044.7	1923.9	2100.5	3201.8	5000.3	5214.0
72.5°	1631.1	1719.4	1896.0	1910.0	1101.4	659.9	534.4	641.3	1347.7	1979.7	1886.7
75°	250.9	269.5	381.1	455.4	316.0	241.6	255.6	264.9	376.4	511.2	427.5
77.5°	120.8	120.8	116.2	134.8	158.0	171.9	185.9	204.5	223.1	246.3	237.0
80°	79.0	79.0	79.0	92.9	116.2	139.4	158.0	167.3	176.6	195.2	185.9
82.5°	51.1	51.1	51.1	69.7	92.9	116.2	125.5	148.7	167.3	195.2	181.2
85°	27.9	27.9	27.9	46.5	69.7	97.6	92.9	74.4	41.8	4.6	9.3
87.5°	9.3	9.3	9.3	9.3	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°	14196.9	14196.9	14196.9	14196.9	14196.9	14196.9	14196.9	14196.9	14196.9	14196.9	14196.9
2.5°	14610.4	14396.7	14378.1	13941.3	13550.9	13360.4	13207.0	12779.5	12872.4	12626.1	12621.5
5°	13904.1	13467.3	12760.9	12180.0	11599.1	11483.0	10976.4	10535.0	10548.9	10232.9	10288.7
7.5°	12635.4	12333.4	11473.7	10562.8	9791.4	9243.1	8764.4	8476.3	8109.2	7983.7	7918.6
10°	11831.5	11459.7	10493.1	9349.9	8485.6	8192.8	7732.8	7477.2	7100.8	6914.9	6784.8
12.5°	11478.3	10934.6	9726.4	8564.6	7988.3	7686.3	7295.9	6831.2	6385.1	6213.2	5976.2
15°	11515.5	10864.9	9503.3	8248.6	7556.2	6970.6	6622.1	6106.3	5650.9	5348.8	5176.9
17.5°	12077.8	11287.8	9605.5	8006.9	7012.5	6278.2	5595.1	5037.4	4675.0	4447.3	4391.5
20°	13406.9	12333.4	9777.5	7616.6	6468.7	5553.3	4712.1	4131.3	3852.4	3847.8	3852.4
22.5°	14512.9	13448.7	10126.0	7384.2	5925.0	4623.9	3787.4	3601.5	3545.7	3661.9	3675.8
25°	16004.6	14703.4	10725.5	7263.4	5423.2	3940.7	3424.9	3355.2	3350.6	3499.3	3503.9
27.5°	17533.5	15800.1	11083.3	6910.2	4912.0	3587.6	3206.5	3192.6	3266.9	3424.9	3411.0
30°	18574.4	16720.2	11729.3	6487.3	4307.9	3276.2	3118.2	3136.8	3239.0	3359.8	3378.4
32.5°	19787.3	17626.4	11896.5	6255.0	3936.1	3016.0	2904.4	2946.3	3076.4	3266.9	3369.1
35°	21176.8	18267.7	12152.1	5939.0	3796.7	2816.1	2760.4	2806.8	2964.8	3090.3	3201.8
37.5°	22203.8	19401.6	12198.6	5692.7	3643.3	2704.6	2616.3	2769.7	2862.6	3039.2	3095.0
40°	22965.9	20224.1	12319.4	5539.3	3522.5	2560.5	2560.5	2662.8	2788.3	2950.9	3062.4
42.5°	23453.9	20823.6	12407.7	5399.9	3290.1	2518.7	2495.5	2597.7	2765.0	2923.0	2974.1
44°	23751.3	21079.2	12319.4	5269.8	3225.1	2467.6	2467.6	2555.9	2686.0	2871.9	2932.3
45°	23825.6	21399.8	12124.3	5265.2	3146.1	2407.2	2397.9	2565.2	2653.5	2881.2	2918.4
47.5°	24113.7	21794.8	12147.5	5116.4	2955.5	2263.1	2425.8	2500.1	2579.1	2779.0	2904.4
50°	24104.5	22041.1	12096.4	4898.0	2816.1	2100.5	2370.0	2453.7	2532.7	2737.1	2788.3
52.5°	24169.5	22961.3	12565.7	4549.5	2565.2	1891.4	2184.1	2370.0	2467.6	2639.5	2746.4
55°	24137.0	23486.4	13030.4	4289.3	2212.0	1765.9	2026.1	2244.5	2384.0	2565.2	2616.3
57.5°	22045.8	20758.5	12059.2	3801.3	1831.0	1617.2	1803.1	2114.4	2291.0	2476.9	2542.0
60°	18012.1	15999.9	9944.8	2797.5	1505.7	1487.1	1677.6	2072.6	2147.0	2309.6	2421.1
62.5°	16645.9	14034.2	7886.1	2137.7	1287.2	1361.6	1547.5	1872.8	1989.0	2188.8	2291.0
65°	13025.8	9322.1	4884.1	1445.2	1133.9	1222.2	1398.8	1640.4	1831.0	2016.8	2137.7
67.5°	7714.2	5093.2	2416.5	1013.1	989.8	1082.8	1264.0	1445.2	1663.7	1868.1	1928.5
70°	4201.0	2504.8	1031.7	771.4	841.1	924.8	1101.4	1226.8	1436.0	1594.0	1696.2
72.5°	1347.7	762.1	515.8	571.6	641.3	738.9	845.8	999.1	1147.8	1240.8	1324.4
75°	325.3	320.6	367.1	399.6	464.7	539.1	627.4	706.4	822.5	910.8	985.2
77.5°	227.7	246.3	283.5	329.9	353.2	381.1	436.8	497.2	548.4	613.4	659.9
80°	176.6	190.5	218.4	241.6	264.9	288.1	316.0	339.2	371.8	413.6	436.8
82.5°	167.3	176.6	204.5	218.4	209.1	204.5	223.1	232.4	237.0	250.9	264.9
85°	13.9	0.0	9.3	32.5	79.0	116.2	125.5	125.5	120.8	130.1	130.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	18.6	13.9
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°	14196.9	14196.9	14196.9	14196.9	14196.9	14196.9	14196.9	14196.9	14196.9	14196.9	14196.9
2.5°	12565.7	12407.7	12468.1	12542.5	12435.6	12189.3	12254.4	12226.5	12477.4	12458.8	12709.8
5°	10535.0	10288.7	10316.5	10679.0	10562.8	10688.3	10437.4	10404.8	10451.3	10474.5	10516.4
7.5°	8062.7	8030.2	8309.0	8615.7	8759.8	8611.1	8364.8	8309.0	8257.9	8155.6	8388.0
10°	6580.3	6589.6	6571.0	6803.3	6966.0	6933.5	6784.8	6766.2	6668.6	6631.4	6761.5
12.5°	5873.9	5748.4	5688.0	5613.7	5739.2	5822.8	5757.7	5711.3	5715.9	5762.4	5781.0
15°	5190.8	5111.8	4981.7	4898.0	4958.4	4916.6	4893.4	4986.3	4963.1	4953.8	5065.3
17.5°	4424.0	4489.1	4479.8	4386.9	4465.9	4433.3	4428.7	4363.6	4275.3	4210.3	4247.4
20°	3917.5	4038.3	4131.3	4135.9	4177.7	4173.1	4103.4	3903.6	3838.5	3824.6	3833.8
22.5°	3736.3	3801.3	3912.8	4070.9	4070.9	3996.5	3912.8	3680.5	3620.1	3555.0	3527.1
25°	3592.2	3717.7	3861.7	3880.3	3954.7	3885.0	3750.2	3634.0	3508.6	3420.3	3420.3
27.5°	3517.8	3657.3	3764.1	3796.7	3898.9	3843.1	3703.7	3555.0	3406.3	3401.7	3322.7
30°	3485.3	3615.4	3685.1	3764.1	3810.6	3722.3	3680.5	3522.5	3373.8	3336.6	3206.5
32.5°	3387.7	3573.6	3703.7	3685.1	3722.3	3685.1	3624.7	3494.6	3327.3	3243.7	3229.7
35°	3276.2	3462.1	3601.5	3699.1	3722.3	3643.3	3606.1	3429.6	3201.8	3160.0	3016.0
37.5°	3215.8	3327.3	3499.3	3657.3	3689.8	3648.0	3522.5	3341.3	3113.5	3067.1	2941.6
40°	3141.4	3285.5	3420.3	3550.4	3648.0	3545.7	3401.7	3225.1	3122.8	2983.4	2946.3
42.5°	3085.7	3248.3	3359.8	3503.9	3615.4	3480.7	3313.4	3192.6	3048.5	2955.5	2848.7
44°	3067.1	3215.8	3290.1	3466.7	3559.7	3457.4	3318.0	3192.6	3025.3	2941.6	2848.7
45°	3002.0	3206.5	3285.5	3443.5	3522.5	3438.8	3262.3	3136.8	3016.0	2913.7	2816.1
47.5°	2937.0	3076.4	3211.1	3336.6	3392.4	3364.5	3215.8	3062.4	2918.4	2858.0	2765.0
50°	2918.4	3057.8	3183.3	3299.4	3364.5	3308.7	3174.0	3025.3	2858.0	2760.4	2681.4
52.5°	2825.4	2997.4	3136.8	3174.0	3257.6	3225.1	3122.8	2960.2	2802.2	2718.5	2653.5
55°	2690.7	2871.9	3062.4	3108.9	3229.7	3178.6	3025.3	2871.9	2737.1	2611.7	2528.0
57.5°	2639.5	2816.1	3002.0	3062.4	3136.8	3053.1	3016.0	2853.3	2639.5	2574.5	2444.4
60°	2509.4	2732.5	2885.8	3025.3	3029.9	3006.7	2941.6	2755.7	2579.1	2458.3	2365.4
62.5°	2407.2	2616.3	2737.1	2867.3	2946.3	2881.2	2816.1	2644.2	2453.7	2318.9	2212.0
65°	2258.5	2449.0	2551.3	2630.3	2718.5	2709.3	2597.7	2472.3	2272.4	2165.5	2063.3
67.5°	2030.8	2198.1	2337.5	2411.8	2467.6	2453.7	2370.0	2281.7	2077.2	1970.4	1896.0
70°	1756.6	1928.5	2016.8	2058.7	2114.4	2142.3	2077.2	2035.4	1854.2	1714.8	1645.1
72.5°	1412.7	1524.2	1654.4	1691.5	1714.8	1733.4	1733.4	1696.2	1510.3	1454.5	1333.7
75°	1040.9	1129.2	1226.8	1226.8	1268.7	1273.3	1282.6	1259.4	1119.9	1045.6	1017.7
77.5°	706.4	771.4	850.4	882.9	910.8	906.2	901.5	836.5	762.1	729.6	701.7
80°	460.1	525.1	562.3	604.1	632.0	627.4	636.7	590.2	557.7	501.9	511.2
82.5°	274.2	325.3	362.5	413.6	413.6	427.5	427.5	413.6	381.1	353.2	353.2
85°	130.1	171.9	195.2	227.7	246.3	250.9	223.1	190.5	158.0	144.1	158.0
87.5°	23.2	32.5	46.5	41.8	51.1	46.5	46.5	46.5	46.5	37.2	41.8
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°	14196.9	14196.9	14196.9	14196.9	14196.9	14196.9	14196.9	14196.9	14196.9	14196.9
2.5°	12616.8	12849.2	13011.9	13281.4	13746.1	14117.9	14498.9	14782.4	14814.9	14898.6
5°	10669.7	10795.2	11208.8	11747.8	12128.9	12756.3	13160.6	13894.8	14169.0	14461.7
7.5°	8332.2	8536.7	9089.7	9452.2	10288.7	11074.0	11887.3	12793.4	13155.9	13197.7
10°	7026.4	7323.8	7700.2	8281.1	8736.5	9610.2	10623.2	11631.7	12036.0	12105.7
12.5°	6171.3	6552.4	7054.3	7472.5	7909.3	8671.5	9642.7	10888.1	11413.3	11729.3
15°	5348.8	5743.8	6296.8	6877.7	7263.4	8174.2	9317.4	10720.8	11404.0	11682.8
17.5°	4503.0	4870.1	5325.6	5952.9	6729.0	7751.3	9266.3	11278.5	12026.7	12352.0
20°	3778.1	3982.6	4512.3	5158.3	6129.5	7319.2	9284.9	12101.0	13197.7	13341.8
22.5°	3494.6	3541.1	3750.2	4345.0	5409.2	6877.7	9614.8	13267.4	14512.9	14986.9
25°	3276.2	3266.9	3322.7	3722.3	4884.1	6705.7	9940.1	14340.9	15972.0	16487.9
27.5°	3155.4	3062.4	3067.1	3443.5	4512.3	6426.9	10358.4	15572.4	17626.4	17854.1
30°	3095.0	3076.4	3020.6	3174.0	4108.0	6008.7	10428.1	16785.3	18602.3	18932.2
32.5°	3057.8	2876.5	2806.8	2862.6	3727.0	5553.3	10688.3	17584.6	19810.5	19666.5
35°	2871.9	2709.3	2662.8	2718.5	3457.4	5297.7	10516.4	18281.6	20716.7	20958.4
37.5°	2802.2	2658.1	2565.2	2518.7	3206.5	5083.9	10428.1	19355.1	21595.0	22175.9
40°	2737.1	2583.8	2472.3	2425.8	3011.3	4800.4	10400.2	20182.3	22608.1	22956.6
42.5°	2662.8	2565.2	2439.7	2356.1	2774.3	4517.0	10079.5	20437.9	22919.4	23295.9
44°	2639.5	2490.8	2360.7	2332.8	2681.4	4372.9	10014.5	20670.3	23189.0	23760.6
45°	2616.3	2476.9	2328.2	2291.0	2648.8	4293.9	9926.2	20726.0	23635.1	23742.0
47.5°	2551.3	2463.0	2318.9	2216.7	2579.1	4122.0	9661.3	20410.0	23179.7	23198.3
50°	2500.1	2397.9	2249.2	2049.4	2486.2	3977.9	9782.1	20293.8	22083.0	22124.8
52.5°	2444.4	2291.0	2207.4	1863.5	2332.8	3857.1	10037.7	20819.0	22208.4	22199.1
55°	2379.3	2212.0	2007.5	1705.5	2077.2	3703.7	10655.8	21855.3	23370.2	23528.2
57.5°	2277.1	2133.0	1840.2	1566.1	1784.5	3411.0	10456.0	19871.0	21502.1	21530.0
60°	2142.3	2007.5	1668.3	1459.2	1463.8	2690.7	9349.9	15484.1	16966.5	17370.8
62.5°	2012.2	1937.8	1524.2	1305.8	1245.4	2142.3	7904.7	12867.8	14564.0	14898.6
65°	1858.8	1677.6	1398.8	1189.7	1068.8	1501.0	5599.7	9614.8	11362.1	11812.9
67.5°	1663.7	1468.5	1231.5	1045.6	915.5	1003.8	2890.5	5465.0	7235.5	7500.4
70°	1454.5	1273.3	1036.3	882.9	738.9	692.4	1273.3	2607.0	3954.7	4228.9
72.5°	1194.3	1027.0	827.2	697.1	553.0	478.7	427.5	697.1	1403.4	1631.1
75°	864.4	748.2	622.7	497.2	390.4	306.7	250.9	209.1	232.4	250.9
77.5°	636.7	543.7	460.1	353.2	274.2	218.4	171.9	130.1	125.5	120.8
80°	497.2	441.5	367.1	283.5	213.8	162.6	120.8	88.3	79.0	79.0
82.5°	390.4	362.5	302.1	232.4	176.6	130.1	88.3	60.4	51.1	51.1
85°	148.7	148.7	218.4	190.5	134.8	92.9	60.4	32.5	27.9	27.9
87.5°	37.2	37.2	37.2	37.2	32.5	27.9	27.9	13.9	9.3	9.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)