Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1203373

Luminaire Tested: GWC-SB2C-735-U-SL2

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203373
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-10)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2C-735-U-SL2
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14883 lumens
Efficiency:	N/A
Efficacy:	147.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B3 - U0 - G3

Input Watts (W):	100.9
Input Voltage (V):	120.0
Input Current (Ain):	0.857
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.472
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

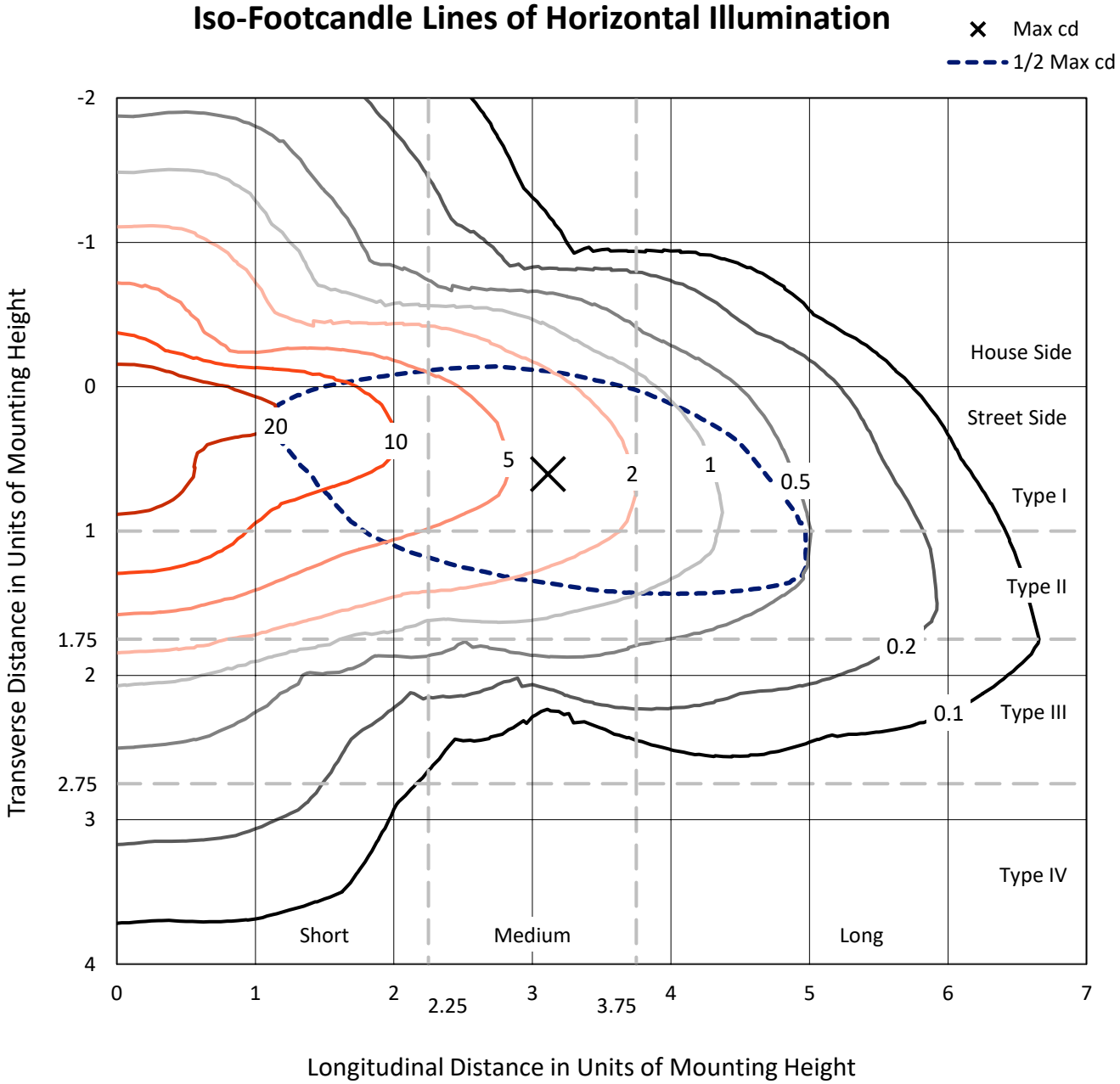


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Iso-Footcandle Lines of Horizontal Illumination



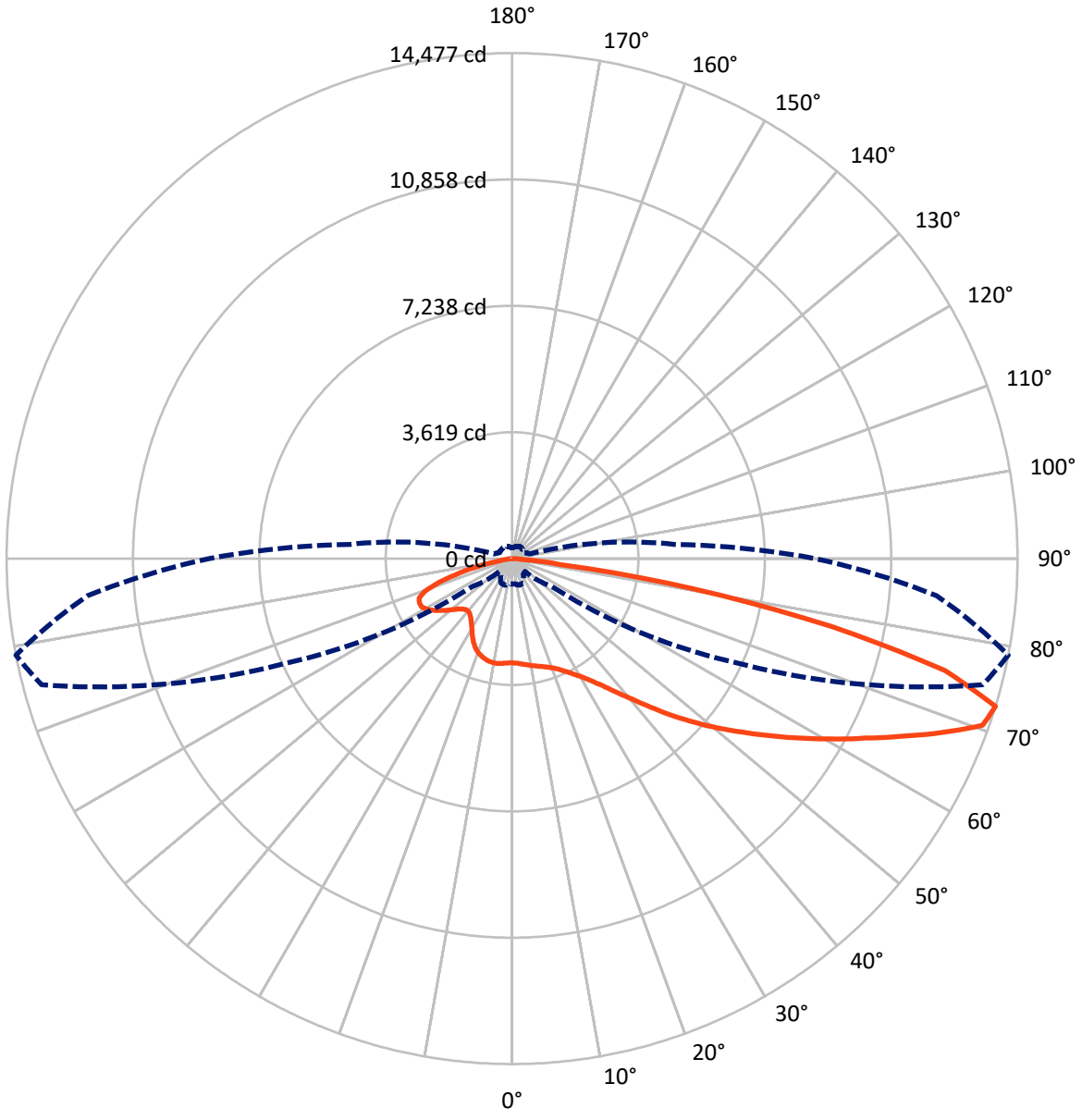
Based on 10 foot mounting height. Maximum calculated value = 30 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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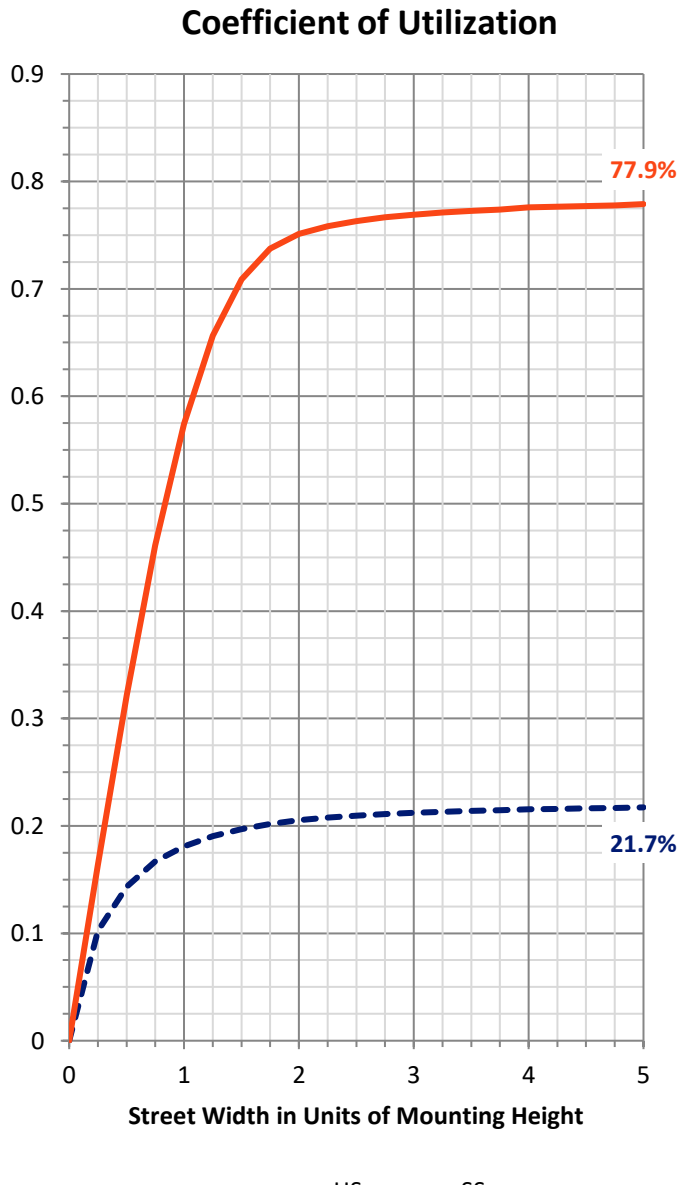
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3275.1	0.0	3275.1
	% Fixture	22.0	0.0	22.0
Street Side	Lumens	11607.9	0.0	11607.9
	% Fixture	78.0	0.0	78.0
Total	Lumens	14883.0	0.0	14883.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	271.2	1.8
10°-20°	709.0	4.8
20°-30°	1144.1	7.7
30°-40°	1717.1	11.5
40°-50°	2435.8	16.4
50°-60°	3076.1	20.7
60°-70°	3124.2	21.0
70°-80°	2129.3	14.3
80°-90°	276.3	1.9
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°	14883.0	100.0
0°-180°	14883.0	100.0



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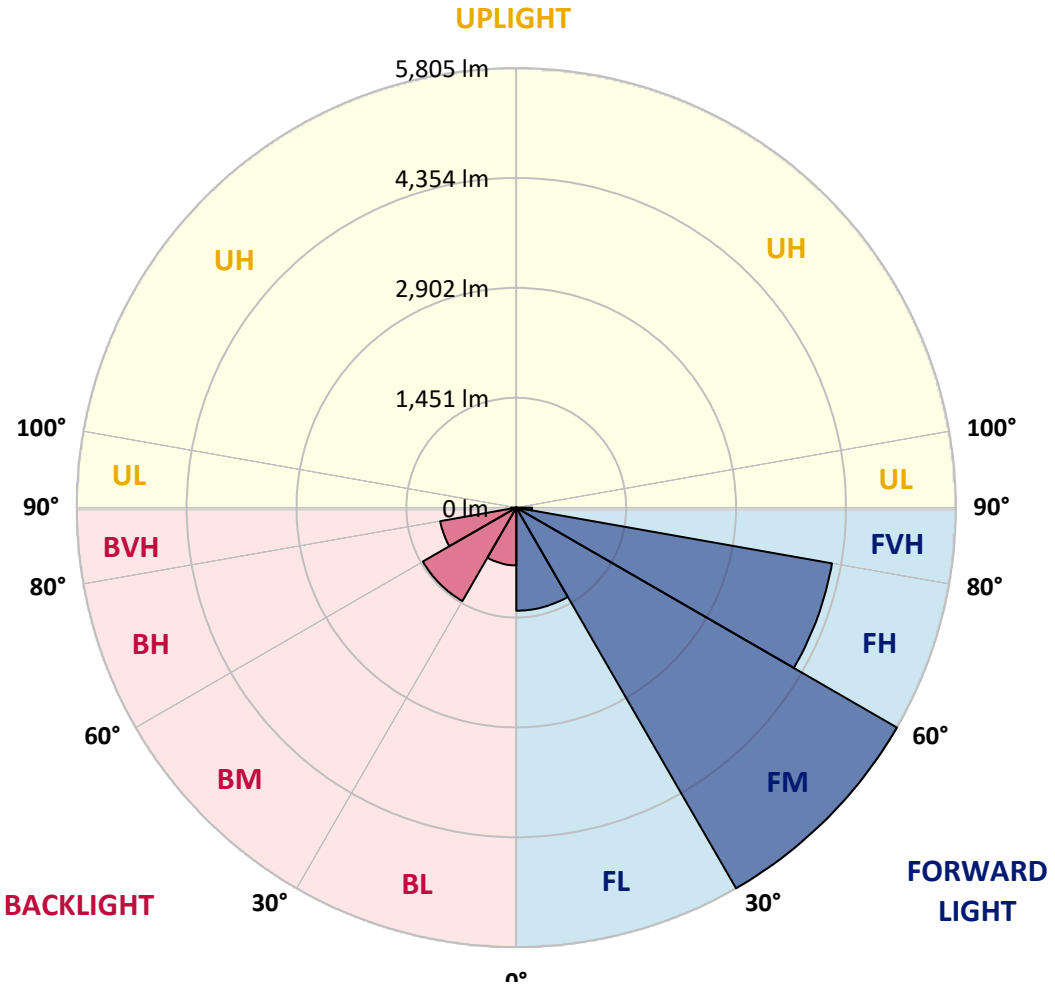
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1361.4	9.1			
FM	(30°-60°)	5804.7	39.0			
FH	(60°-80°)	4233.7	28.4			G2/5000
FVH	(80°-90°)	208.1	1.4			G2/225
BL	(0°-30°)	762.9	5.1	B2/1000		
BM	(30°-60°)	1424.3	9.6	B2/2500		
BH	(60°-80°)	1019.8	6.9	B3/2500		G3/2500
BVH	(80°-90°)	68.2	0.5			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 Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	2987.6	2987.6	2987.6	2987.6	2987.6	2987.6	2987.6	2987.6	2987.6	*2987.6*	2987.6
2.5°	2989.2	2975.0	2983.7	2980.5	2984.5	2989.2	2990.8	2993.1	3001.0	*3000.2*	2999.4
5°	2982.9	2968.7	2980.5	2976.6	2986.8	2997.9	3007.3	3016.0	3028.6	*3034.1*	3026.2
7.5°	2969.5	2960.1	2971.9	2983.7	3002.6	3019.1	3032.5	3052.2	3070.3	*3073.4*	3078.9
10°	2891.6	2884.5	2912.0	2942.7	2994.7	3039.6	3068.7	3091.5	3111.2	*3114.4*	3122.2
12.5°	2810.5	2801.8	2832.5	2874.3	2958.5	3039.6	3101.0	3130.9	3148.2	*3158.5*	3170.3
15°	2797.1	2790.0	2807.3	2843.6	2913.6	3018.3	3123.0	3178.1	3193.1	*3204.9*	3209.6
17.5°	2861.7	2848.3	2855.4	2868.0	2908.9	2998.6	3140.3	3231.7	3254.5	*3267.1*	3267.1
20°	3011.2	2992.3	2981.3	2956.1	2949.0	3001.8	3138.8	3296.2	3326.1	*3341.9*	3345.8
22.5°	3210.4	3197.8	3174.2	3110.4	3041.2	3040.4	3168.7	3378.9	3434.8	*3449.7*	3440.3
25°	3451.3	3432.4	3402.5	3315.9	3182.9	3116.7	3219.1	3484.4	3578.1	*3582.0*	3554.4
27.5°	3728.4	3700.1	3659.1	3545.0	3365.5	3236.4	3296.2	3605.6	3742.6	*3741.0*	3684.3
30°	4020.5	3992.2	3948.9	3810.3	3584.4	3397.8	3403.3	3736.3	3937.8	*3929.2*	3832.3
32.5°	4233.8	4212.6	4203.9	4096.9	3836.3	3588.3	3526.1	3881.2	4178.7	*4170.9*	4035.5
35°	4397.6	4370.0	4380.3	4325.9	4111.0	3801.6	3676.5	4053.6	4471.6	*4470.8*	4302.3
37.5°	4559.8	4535.4	4544.0	4507.8	4365.3	4072.5	3859.9	4264.5	4834.5	*4851.8*	4625.1
40°	4707.8	4681.8	4716.4	4682.6	4562.9	4360.6	4068.5	4503.1	5254.9	*5288.0*	5015.6
42.5°	4796.7	4776.3	4833.7	4834.5	4734.5	4603.8	4297.6	4766.0	5741.4	*5815.4*	5495.8
45°	4827.4	4820.3	4906.9	4925.0	4886.5	4744.8	4503.9	5052.6	6265.7	*6398.0*	6042.9
47.5°	4794.4	4781.0	4900.6	4967.6	4998.3	4810.9	4674.7	5362.8	6801.1	*6994.7*	6639.7
50°	4627.5	4601.5	4779.4	4920.3	5029.8	4854.2	4847.1	5721.0	7409.6	*7621.4*	7239.6
52.5°	4327.5	4307.8	4510.2	4755.0	4960.5	4875.5	5040.8	6112.2	7987.5	*8261.4*	7854.4
55°	3944.1	3918.2	4140.9	4460.6	4788.1	4868.4	5234.4	6549.9	8669.2	*8947.1*	8489.7
57.5°	3336.4	3284.4	3566.3	3944.1	4507.0	4859.7	5436.0	6985.3	9362.0	*9695.0*	9167.5
60°	2449.9	2372.8	2718.4	3166.3	3957.5	4775.5	5685.5	7473.4	10193.3	*10493.3*	9907.6
62.5°	1426.5	1381.6	1607.6	2025.6	2982.9	4279.5	5825.7	8041.0	11010.5	*11325.4*	10635.0
65°	1107.7	1095.1	1114.7	1147.0	1660.3	3204.1	5393.5	8594.4	12049.7	*12270.1*	11393.1
67.5°	1013.2	1003.7	1012.4	951.8	842.4	1784.7	4266.9	8734.6	13162.9	*13296.7*	12056.8
70°	900.6	889.6	917.9	866.0	662.9	811.7	2757.0	8226.0	14048.5	*14299.6*	12561.4
72.5°	*733.7*	*721.1*	*787.3*	*763.6*	*558.2*	*521.2*	*1384.8*	*7017.6*	*13955.6*	*14476.8*	*12200.0*
75°	563.7	556.6	635.3	655.0	455.0	410.2	664.4	5216.3	12281.1	*12806.2*	10514.5
77.5°	437.7	432.2	472.4	544.0	366.9	318.0	408.6	3308.8	9254.9	*9347.0*	7245.9
80°	328.3	312.5	349.5	421.2	285.8	232.2	277.1	1929.6	5850.1	*5302.9*	3153.7
82.5°	205.5	197.6	228.3	281.0	201.5	159.8	180.3	1065.9	2344.4	*1380.8*	608.5
85°	117.3	114.2	124.4	160.6	109.4	92.1	103.1	470.8	428.3	*294.4*	183.4
87.5°	47.2	45.7	56.7	71.6	40.1	33.9	36.2	113.4	94.5	*87.4*	60.6
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°	2987.6	2987.6	2987.6	2987.6	2987.6	2987.6	2987.6	2987.6	2987.6	2987.6	2987.6
2.5°	2996.3	2996.3	2985.3	2967.9	2948.3	2935.7	2915.2	2909.7	2888.4	2882.1	2892.4
5°	3032.5	3026.2	2992.3	2943.5	2876.6	2815.2	2747.5	2705.0	2645.2	2623.9	2639.7
7.5°	3078.2	3060.8	3002.6	2895.5	2755.4	2617.6	2474.3	2365.7	2261.8	2224.8	2229.5
10°	3119.9	3095.5	2996.3	2808.9	2566.4	2327.9	2099.6	1939.8	1818.6	1769.0	1780.0
12.5°	3161.6	3116.7	2954.6	2664.8	2298.0	1974.4	1731.2	1606.8	1532.0	1472.2	1491.8
15°	3201.0	3138.0	2890.0	2472.0	2003.6	1675.3	1495.8	1396.6	1336.8	1297.4	1304.5
17.5°	3246.6	3156.1	2793.2	2227.1	1723.3	1468.2	1321.8	1262.0	1250.2	1245.4	1248.6
20°	3310.4	3172.6	2665.6	1953.2	1517.0	1302.9	1227.3	1221.8	1221.0	1218.7	1226.5
22.5°	3378.9	3192.3	2497.2	1704.4	1341.5	1199.8	1186.4	1175.4	1168.3	1167.5	1176.2
25°	3460.0	3198.6	2286.2	1500.5	1191.9	1151.0	1135.2	1118.7	1114.0	1114.0	1118.7
27.5°	3538.7	3177.3	2040.6	1323.4	1107.7	1106.1	1085.6	1080.1	1079.3	1081.7	1088.0
30°	3617.4	3137.2	1796.5	1159.6	1058.9	1058.9	1051.8	1055.7	1058.9	1066.7	1072.2
32.5°	3723.7	3094.7	1592.6	1038.4	1016.3	1008.5	1015.6	1023.4	1026.6	1036.8	1045.5
35°	3879.6	3064.8	1430.4	972.3	972.3	962.0	966.0	964.4	957.3	952.6	963.6
37.5°	4085.8	3063.2	1296.6	941.6	935.3	933.7	934.5	924.2	896.7	863.6	864.4
40°	4333.8	3105.7	1193.5	920.3	915.6	925.0	920.3	892.7	817.2	759.7	758.1
42.5°	4666.8	3226.9	1127.3	894.3	908.5	920.3	901.4	806.1	755.0	716.4	714.8
45°	5058.9	3423.8	1093.5	866.8	895.1	909.3	818.0	776.2	735.3	688.8	685.7
47.5°	5502.9	3671.7	1085.6	840.8	865.2	873.8	782.5	763.6	717.2	666.8	662.9
50°	5986.3	3965.4	1106.9	810.1	821.9	792.0	770.7	753.4	705.4	655.8	650.3
52.5°	6486.2	4288.9	1149.4	768.4	778.6	745.5	766.0	751.0	698.3	631.4	626.7
55°	6977.4	4614.9	1190.3	719.5	734.5	703.8	752.6	741.6	666.0	590.4	586.5
57.5°	7476.5	4939.2	1230.5	676.2	692.0	663.7	731.4	716.4	629.8	552.7	551.1
60°	7995.3	5254.1	1249.4	634.5	645.5	626.7	699.1	673.1	588.9	514.1	511.7
62.5°	8481.1	5516.3	1218.7	592.8	599.9	592.0	656.6	621.9	547.9	470.8	470.0
65°	8968.4	5672.1	1124.2	551.9	553.4	549.5	596.7	566.8	499.9	433.0	428.3
67.5°	9410.0	5759.5	973.8	507.8	503.8	502.3	540.8	507.0	453.5	395.2	390.5
70°	9503.7	5537.5	744.0	455.8	455.8	451.9	479.4	444.8	402.3	355.1	353.5
72.5°	*8680.2*	*4658.2*	*528.2*	*396.8*	*403.1*	*395.2*	*418.0*	*388.9*	*350.3*	*318.8*	*309.4*
75°	6999.5	3415.9	384.2	336.2	347.2	333.8	355.1	334.6	301.5	300.7	270.8
77.5°	4809.3	2112.2	278.7	277.1	285.0	267.7	292.1	281.0	251.1	237.8	222.8
80°	2052.4	842.4	203.1	214.1	214.1	198.4	226.7	229.9	203.9	197.6	197.6
82.5°	408.6	239.3	142.5	147.2	138.6	133.8	160.6	177.9	245.6	273.2	274.0
85°	122.8	88.2	85.8	80.3	70.9	71.6	94.5	178.7	220.4	126.0	108.6
87.5°	33.9	22.0	22.8	18.1	15.0	19.7	32.3	135.4	74.0	31.5	26.8
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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SS

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(END OF REPORT)