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: P1202999

Luminaire Tested: GWC-SB2B-735-U-SL2

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202999
	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-SB2B-735-U-SL2
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 450mA 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:	11191 lumens
Efficiency:	N/A
Efficacy:	151.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B2 - U0 - G2

Input Watts (W):	73.9
Input Voltage (V):	120.0
Input Current (Ain):	0.627
Voltage Rise (V):	NR
Power Factor:	0.988
Total Harmonic Distortion (THDi):	13.593
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

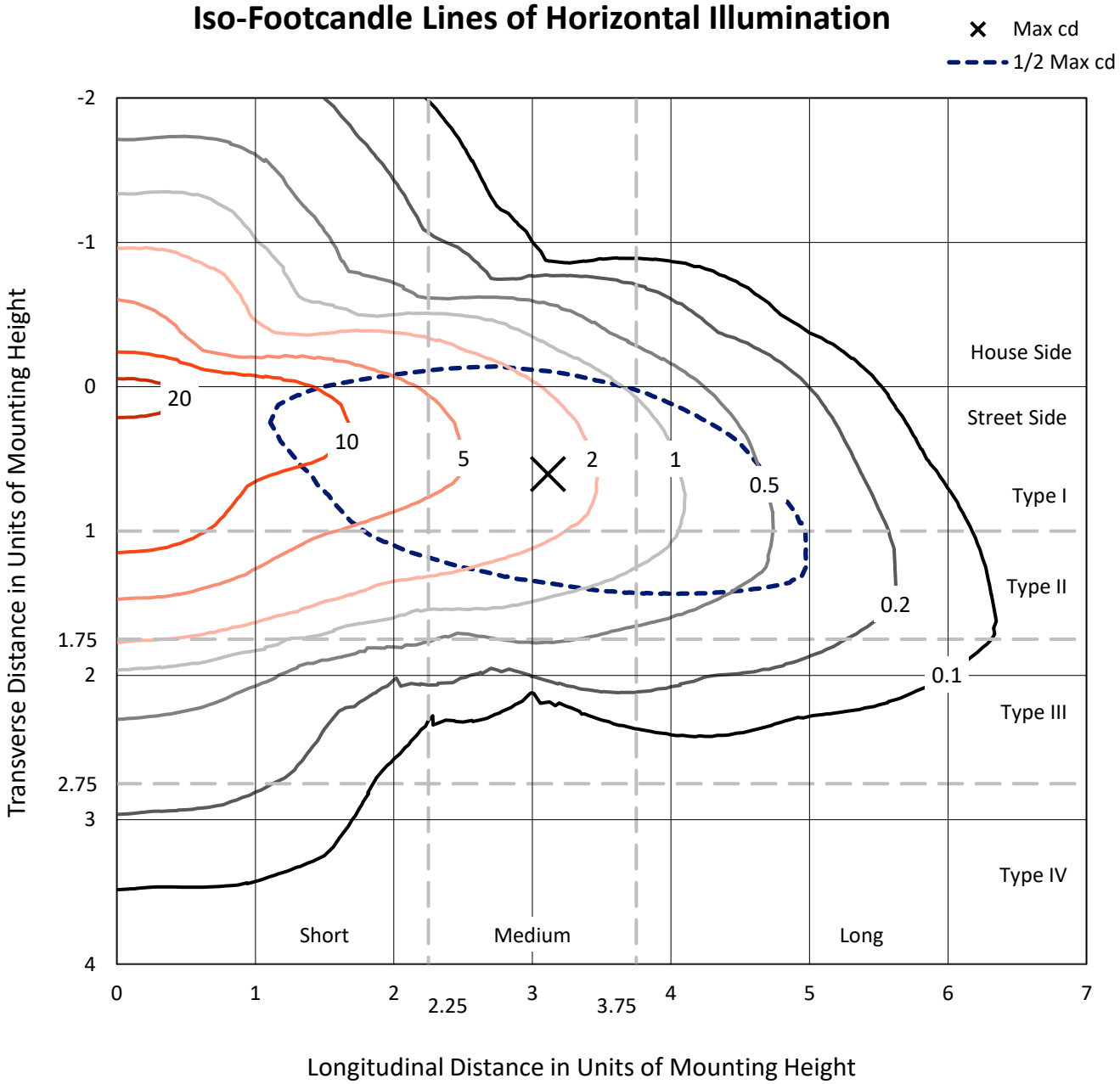


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Iso-Footcandle Lines of Horizontal Illumination



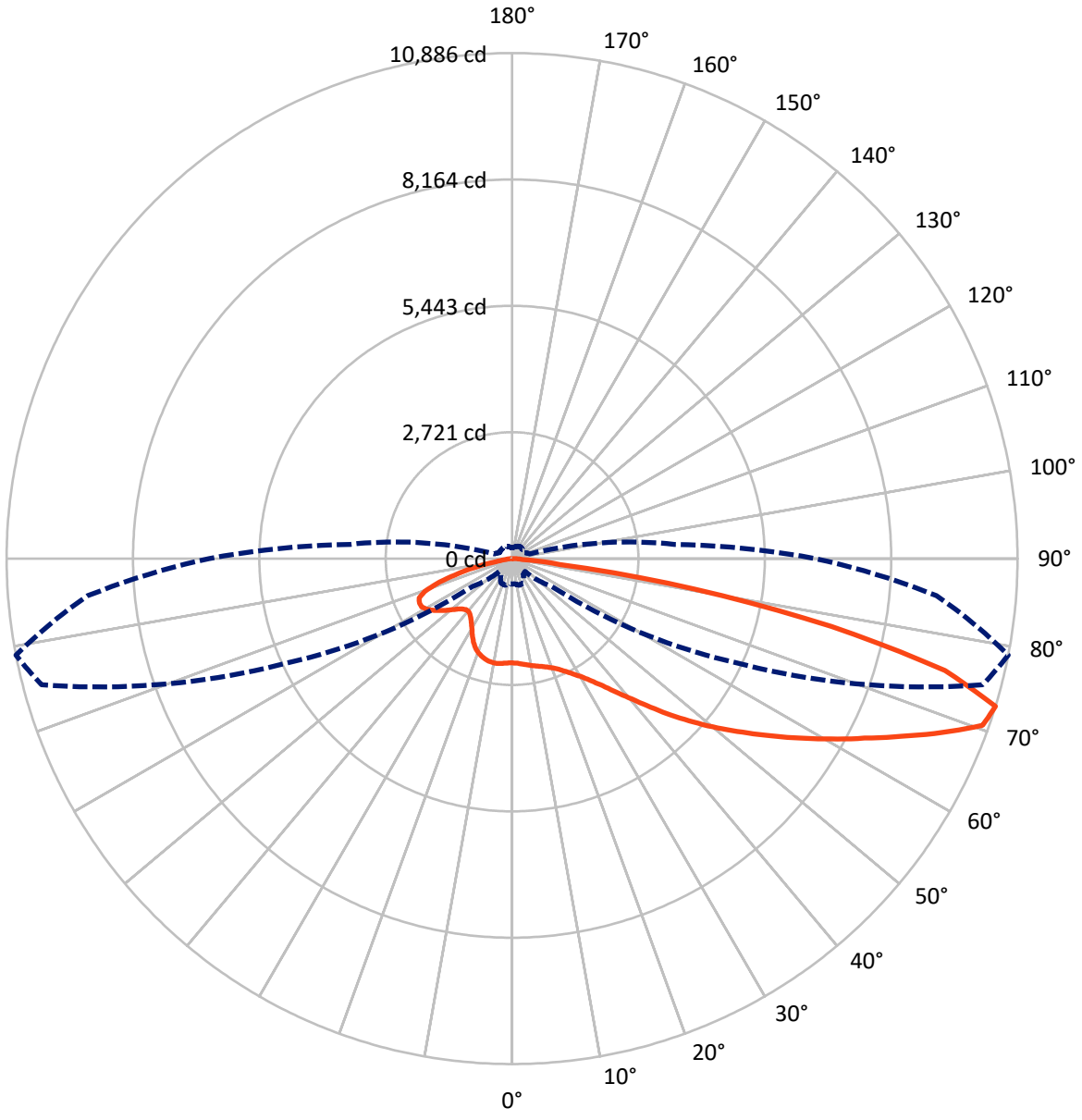
Based on 10 foot mounting height. Maximum calculated value = 22.6 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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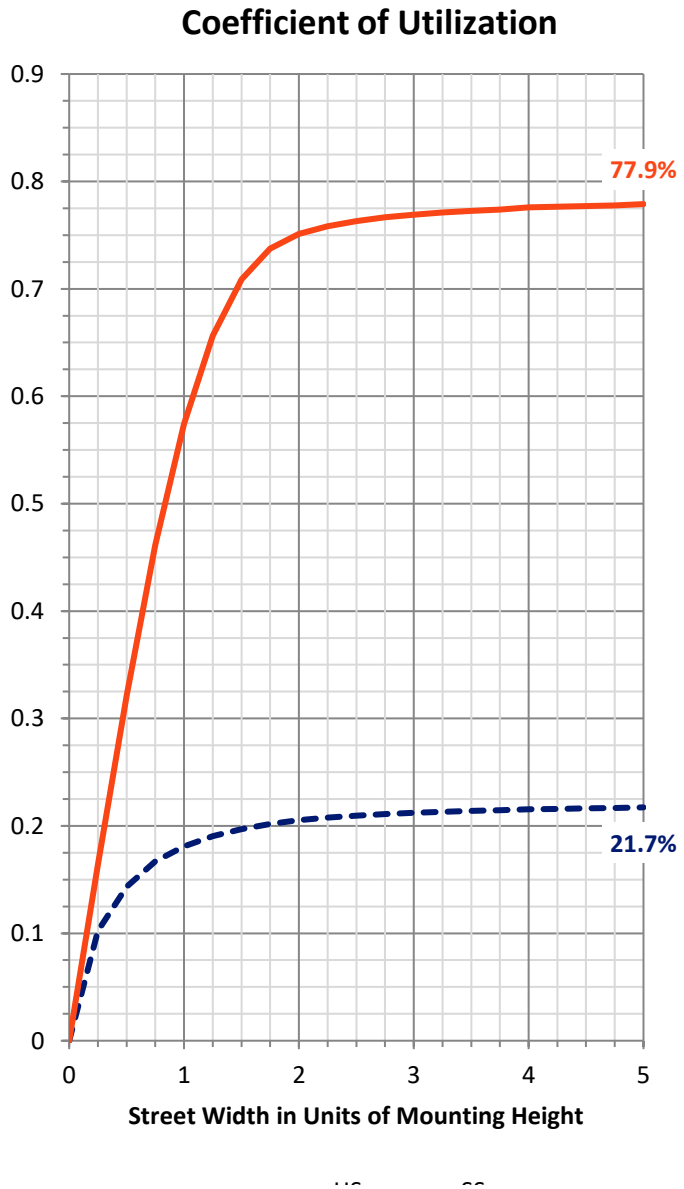
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2462.6	0.0	2462.6
	% Fixture	22.0	0.0	22.0
Street Side	Lumens	8728.4	0.0	8728.4
	% Fixture	78.0	0.0	78.0
Total	Lumens	11191.0	0.0	11191.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	203.9	1.8
10°-20°	533.1	4.8
20°-30°	860.3	7.7
30°-40°	1291.1	11.5
40°-50°	1831.6	16.4
50°-60°	2313.0	20.7
60°-70°	2349.2	21.0
70°-80°	1601.1	14.3
80°-90°	207.7	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°	11191.0	100.0
0°-180°	11191.0	100.0



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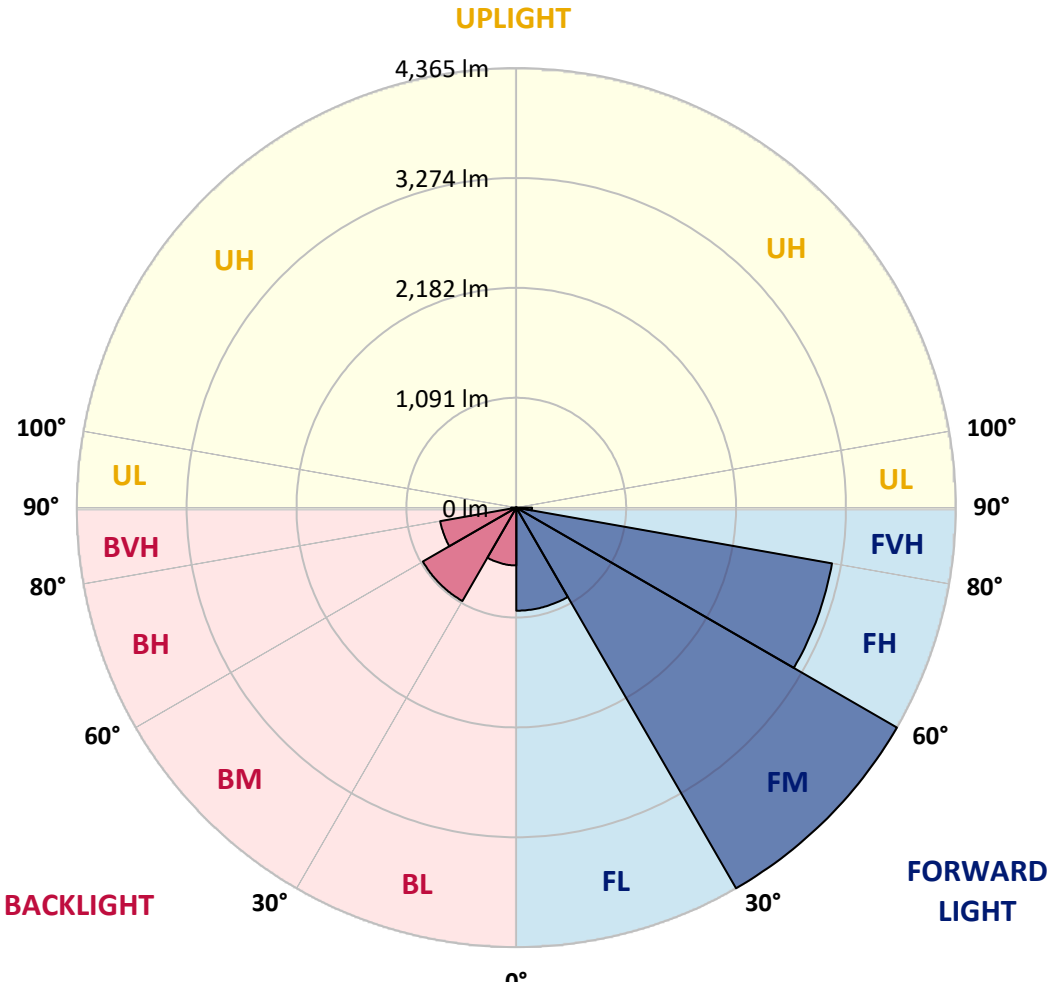
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1023.7	9.1			
FM	(30°-60°)	4364.7	39.0			
FH	(60°-80°)	3183.5	28.4			G2/5000
FVH	(80°-90°)	156.5	1.4			G2/225
BL	(0°-30°)	573.6	5.1	B2/1000		
BM	(30°-60°)	1071.0	9.6	B2/2500		
BH	(60°-80°)	766.8	6.9	B2/1000		G2/1000
BVH	(80°-90°)	51.2	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	2246.5	2246.5	2246.5	2246.5	2246.5	2246.5	2246.5	2246.5	2246.5	*2246.5*	2246.5
2.5°	2247.7	2237.0	2243.5	2241.2	2244.1	2247.7	2248.9	2250.6	2256.6	*2256.0*	2255.4
5°	2242.9	2232.3	2241.2	2238.2	2245.9	2254.2	2261.3	2267.8	2277.3	*2281.4*	2275.5
7.5°	2232.9	2225.8	2234.6	2243.5	2257.7	2270.2	2280.2	2295.0	2308.6	*2311.0*	2315.2
10°	2174.3	2168.9	2189.7	2212.7	2251.8	2285.6	2307.5	2324.6	2339.4	*2341.8*	2347.7
12.5°	2113.3	2106.8	2129.9	2161.2	2224.6	2285.6	2331.7	2354.2	2367.2	*2374.9*	2383.8
15°	2103.2	2097.9	2110.9	2138.2	2190.8	2269.6	2348.3	2389.7	2401.0	*2409.9*	2413.4
17.5°	2151.8	2141.7	2147.0	2156.5	2187.3	2254.8	2361.3	2430.0	2447.2	*2456.6*	2456.6
20°	2264.2	2250.0	2241.8	2222.8	2217.5	2257.1	2360.1	2478.5	2501.0	*2512.9*	2515.8
22.5°	2414.0	2404.5	2386.8	2338.8	2286.7	2286.1	2382.6	2540.7	2582.7	*2594.0*	2586.9
25°	2595.2	2580.9	2558.4	2493.3	2393.3	2343.6	2420.5	2620.0	2690.5	*2693.4*	2672.7
27.5°	2803.5	2782.2	2751.4	2665.6	2530.6	2433.5	2478.5	2711.2	2814.2	*2813.0*	2770.4
30°	3023.1	3001.8	2969.3	2865.1	2695.2	2554.9	2559.0	2809.4	2961.0	*2954.5*	2881.7
32.5°	3183.6	3167.6	3161.1	3080.6	2884.6	2698.2	2651.4	2918.4	3142.1	*3136.2*	3034.4
35°	3306.7	3286.0	3293.7	3252.8	3091.2	2858.6	2764.5	3048.0	3362.3	*3361.7*	3235.1
37.5°	3428.6	3410.3	3416.8	3389.6	3282.4	3062.2	2902.4	3206.6	3635.2	*3648.2*	3477.8
40°	3539.9	3520.4	3546.4	3521.0	3431.0	3278.9	3059.2	3386.0	3951.3	*3976.2*	3771.4
42.5°	3606.8	3591.4	3634.6	3635.2	3560.0	3461.8	3231.5	3583.7	4317.2	*4372.8*	4132.5
45°	3629.9	3624.6	3689.7	3703.3	3674.3	3567.7	3386.6	3799.2	4711.4	*4810.9*	4543.9
47.5°	3605.0	3595.0	3684.9	3735.3	3758.4	3617.5	3515.1	4032.4	5113.9	*5259.6*	4992.6
50°	3479.5	3460.0	3593.8	3699.7	3782.0	3650.0	3644.7	4301.8	5571.5	*5730.8*	5443.7
52.5°	3254.0	3239.2	3391.3	3575.4	3729.9	3666.0	3790.3	4596.0	6006.0	*6212.0*	5906.0
55°	2965.7	2946.2	3113.7	3354.0	3600.3	3660.7	3935.9	4925.1	6518.7	*6727.6*	6383.7
57.5°	2508.7	2469.7	2681.6	2965.7	3389.0	3654.2	4087.5	5252.5	7039.6	*7290.0*	6893.4
60°	1842.2	1784.2	2044.0	2380.9	2975.8	3590.8	4275.1	5619.5	7664.7	*7890.2*	7449.8
62.5°	1072.6	1038.9	1208.8	1523.1	2242.9	3217.9	4380.5	6046.3	8279.1	*8515.9*	7996.8
65°	832.9	823.4	838.2	862.5	1248.4	2409.3	4055.5	6462.4	9060.5	*9226.3*	8566.8
67.5°	761.9	754.7	761.3	715.7	633.4	1342.0	3208.4	6567.8	9897.6	*9998.2*	9065.9
70°	677.2	668.9	690.2	651.2	498.4	610.3	2073.0	6185.4	10563.5	*10752.4*	9445.3
72.5°	*551.7*	*542.2*	*592.0*	*574.2*	*419.7*	*391.9*	*1041.3*	*5276.7*	*10493.7*	*10885.5*	*9173.6*
75°	423.8	418.5	477.7	492.5	342.2	308.4	499.6	3922.3	9234.6	*9629.4*	7906.2
77.5°	329.1	325.0	355.2	409.0	275.9	239.2	307.2	2488.0	6959.1	*7028.3*	5448.4
80°	246.8	235.0	262.8	316.7	214.9	174.6	208.4	1450.9	4398.9	*3987.4*	2371.4
82.5°	154.5	148.6	171.7	211.3	151.5	120.2	135.6	801.5	1762.9	*1038.3*	457.6
85°	88.2	85.8	93.5	120.8	82.3	69.3	77.5	354.0	322.0	*221.4*	137.9
87.5°	35.5	34.3	42.6	53.9	30.2	25.5	27.2	85.2	71.0	*65.7*	45.6
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°	2246.5	2246.5	2246.5	2246.5	2246.5	2246.5	2246.5	2246.5	2246.5	2246.5	2246.5
2.5°	2253.0	2253.0	2244.7	2231.7	2216.9	2207.4	2192.0	2187.9	2171.9	2167.2	2174.9
5°	2280.2	2275.5	2250.0	2213.3	2163.0	2116.8	2065.9	2034.0	1989.0	1973.0	1984.8
7.5°	2314.6	2301.5	2257.7	2177.2	2071.9	1968.3	1860.5	1778.8	1700.7	1672.9	1676.4
10°	2345.9	2327.6	2253.0	2112.1	1929.8	1750.4	1578.8	1458.6	1367.4	1330.1	1338.4
12.5°	2377.3	2343.6	2221.6	2003.8	1727.9	1484.6	1301.7	1208.2	1152.0	1107.0	1121.8
15°	2406.9	2359.6	2173.1	1858.8	1506.5	1259.7	1124.7	1050.1	1005.1	975.5	980.9
17.5°	2441.2	2373.2	2100.3	1674.7	1295.8	1104.0	993.9	948.9	940.0	936.5	938.8
20°	2489.2	2385.6	2004.4	1468.7	1140.7	979.7	922.9	918.7	918.1	916.4	922.3
22.5°	2540.7	2400.4	1877.7	1281.6	1008.7	902.1	892.1	883.8	878.5	877.9	884.4
25°	2601.7	2405.1	1719.1	1128.3	896.2	865.4	853.6	841.2	837.6	837.6	841.2
27.5°	2660.9	2389.1	1534.4	995.1	832.9	831.7	816.3	812.2	811.6	813.4	818.1
30°	2720.1	2359.0	1350.9	872.0	796.2	796.2	790.9	793.8	796.2	802.1	806.2
32.5°	2800.0	2327.0	1197.5	780.8	764.2	758.3	763.6	769.5	771.9	779.6	786.1
35°	2917.2	2304.5	1075.6	731.1	731.1	723.4	726.3	725.2	719.8	716.3	724.6
37.5°	3072.3	2303.3	975.0	708.0	703.2	702.1	702.7	695.0	674.2	649.4	650.0
40°	3258.7	2335.3	897.4	692.0	688.4	695.6	692.0	671.3	614.5	571.2	570.1
42.5°	3509.1	2426.4	847.7	672.5	683.1	692.0	677.8	606.2	567.7	538.7	537.5
45°	3803.9	2574.4	822.2	651.7	673.1	683.7	615.0	583.7	552.9	518.0	515.6
47.5°	4137.8	2760.9	816.3	632.2	650.6	657.1	588.4	574.2	539.3	501.4	498.4
50°	4501.3	2981.7	832.3	609.1	618.0	595.5	579.5	566.5	530.4	493.1	489.0
52.5°	4877.2	3225.0	864.3	577.8	585.4	560.6	576.0	564.7	525.1	474.8	471.2
55°	5246.5	3470.1	895.0	541.1	552.3	529.2	565.9	557.6	500.8	444.0	441.0
57.5°	5621.8	3714.0	925.2	508.5	520.3	499.0	549.9	538.7	473.6	415.6	414.4
60°	6011.9	3950.7	939.4	477.1	485.4	471.2	525.7	506.1	442.8	386.5	384.8
62.5°	6377.2	4147.9	916.4	445.7	451.1	445.2	493.7	467.6	412.0	354.0	353.4
65°	6743.6	4265.1	845.3	415.0	416.1	413.2	448.7	426.2	375.9	325.6	322.0
67.5°	7075.7	4330.8	732.3	381.8	378.9	377.7	406.7	381.2	341.0	297.2	293.6
70°	7146.1	4163.8	559.4	342.7	342.7	339.8	360.5	334.5	302.5	267.0	265.8
72.5°	*6526.9*	*3502.6*	*397.2*	*298.3*	*303.1*	*297.2*	*314.3*	*292.4*	*263.4*	*239.7*	*232.6*
75°	5263.1	2568.5	288.9	252.8	261.1	251.0	267.0	251.6	226.7	226.1	203.6
77.5°	3616.3	1588.2	209.6	208.4	214.3	201.3	219.6	211.3	188.8	178.8	167.5
80°	1543.2	633.4	152.7	161.0	161.0	149.2	170.5	172.9	153.3	148.6	148.6
82.5°	307.2	180.0	107.1	110.7	104.2	100.6	120.8	133.8	184.7	205.4	206.0
85°	92.3	66.3	64.5	60.4	53.3	53.9	71.0	134.4	165.7	94.7	81.7
87.5°	25.5	16.6	17.2	13.6	11.2	14.8	24.3	101.8	55.6	23.7	20.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0


HS
SS

0

(END OF REPORT)