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: P1202251

Luminaire Tested: GWC-SB1D-735-U-SL2

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202251
	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-SB1D-735-U-SL2
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE II SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10169 lumens
Efficiency:	N/A
Efficacy:	127.8 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B2 - U0 - G2

Input Watts (W):	79.6
Input Voltage (V):	120.0
Input Current (Ain):	0.638
Voltage Rise (V):	NR
Power Factor:	0.997
Total Harmonic Distortion (THDi):	6.673
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

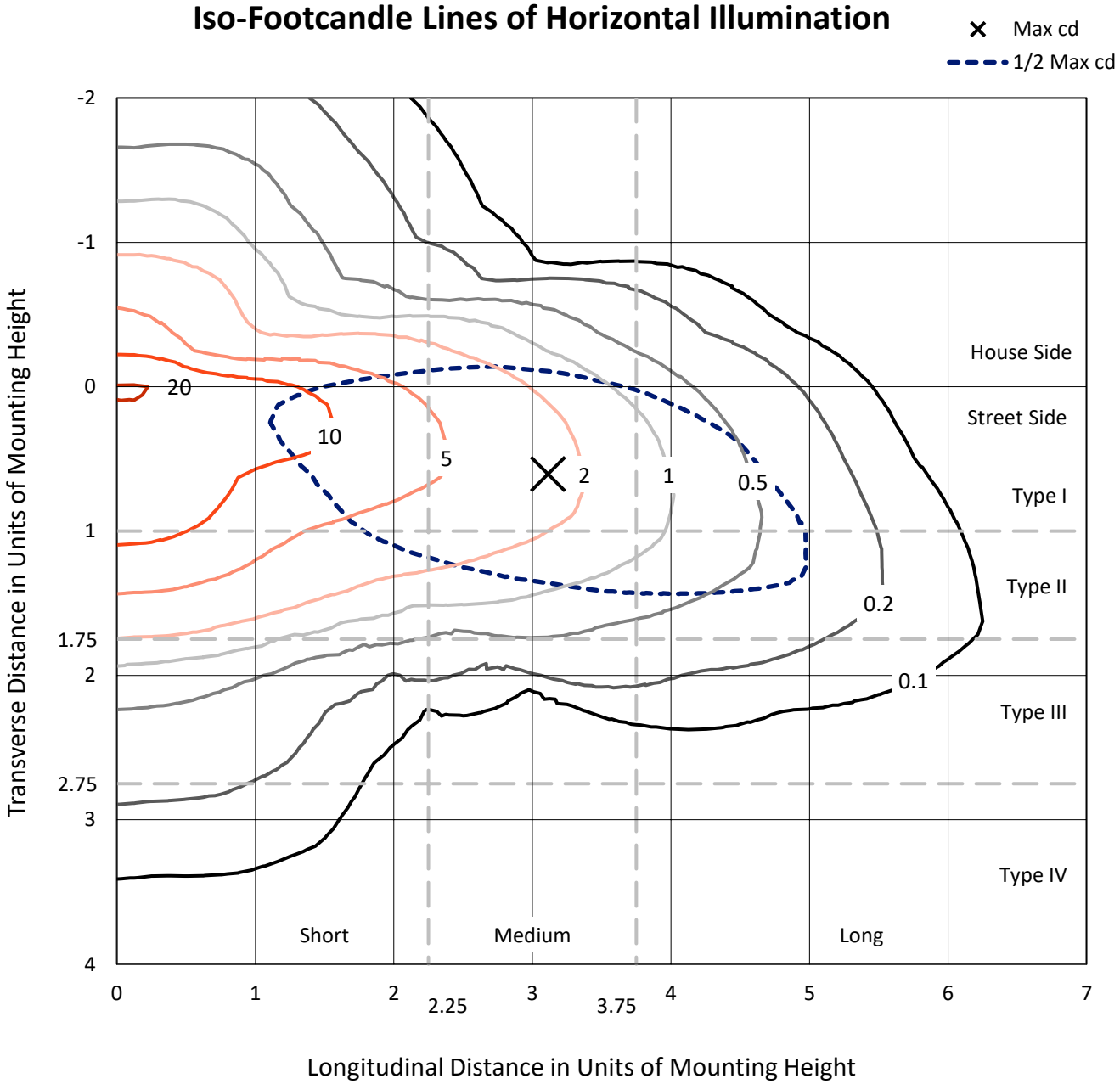


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Iso-Footcandle Lines of Horizontal Illumination



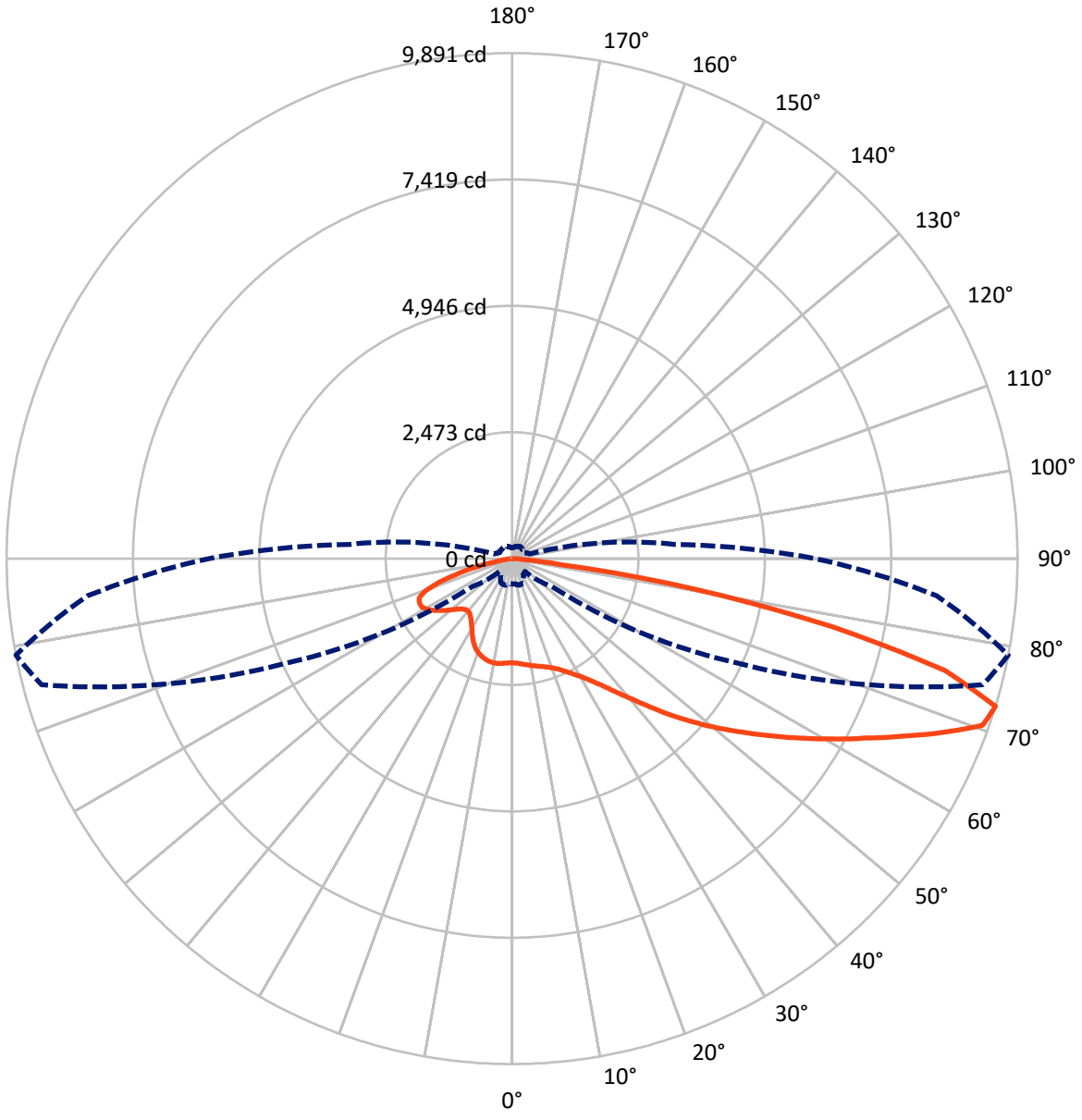
Based on 10 foot mounting height. Maximum calculated value = 20.5 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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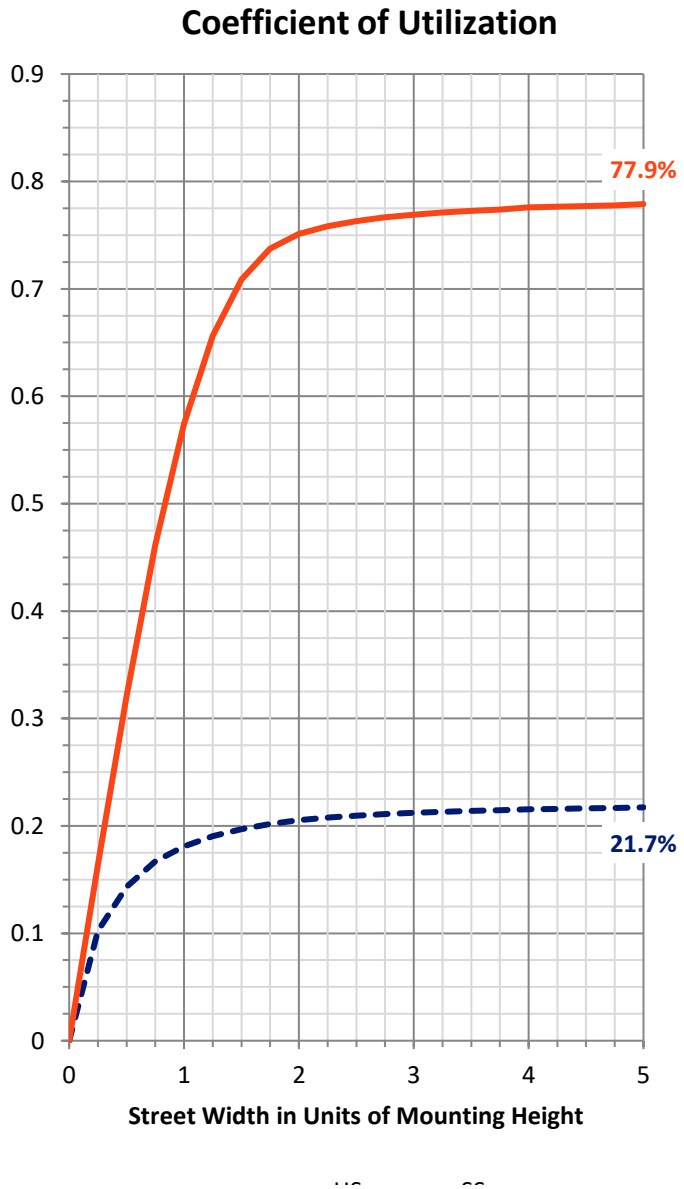
REPORT NUMBER: P1202251
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2237.7	0.0	2237.7
	% Fixture	22.0	0.0	22.0
Street Side	Lumens	7931.3	0.0	7931.3
	% Fixture	78.0	0.0	78.0
Total	Lumens	10169.0	0.0	10169.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	185.3	1.8
10°-20°	484.5	4.8
20°-30°	781.7	7.7
30°-40°	1173.2	11.5
40°-50°	1664.3	16.4
50°-60°	2101.8	20.7
60°-70°	2134.6	21.0
70°-80°	1454.9	14.3
80°-90°	188.8	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°	10169.0	100.0
0°-180°	10169.0	100.0



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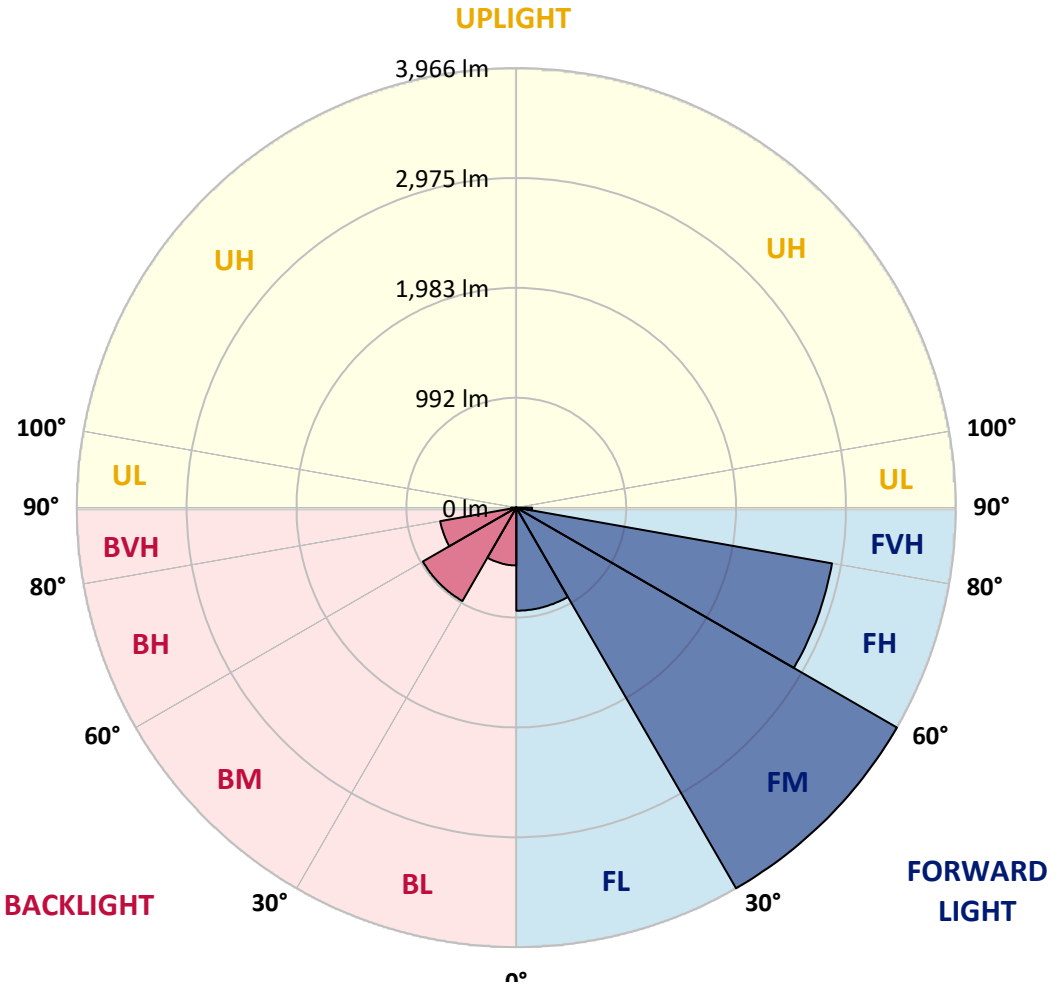
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	930.2	9.1			
FM	(30°-60°)	3966.1	39.0			
FH	(60°-80°)	2892.7	28.4			G2/5000
FVH	(80°-90°)	142.2	1.4			G2/225
BL	(0°-30°)	521.2	5.1	B2/1000		
BM	(30°-60°)	973.2	9.6	B1/1000		
BH	(60°-80°)	696.8	6.9	B2/1000		G2/1000
BVH	(80°-90°)	46.6	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°	2041.3	2041.3	2041.3	2041.3	2041.3	2041.3	2041.3	2041.3	2041.3	*2041.3*	2041.3
2.5°	2042.4	2032.7	2038.6	2036.5	2039.2	2042.4	2043.5	2045.1	2050.5	*2049.9*	2049.4
5°	2038.1	2028.4	2036.5	2033.8	2040.8	2048.3	2054.8	2060.7	2069.3	*2073.1*	2067.7
7.5°	2029.0	2022.5	2030.6	2038.6	2051.6	2062.8	2072.0	2085.4	2097.8	*2100.0*	2103.7
10°	1975.7	1970.9	1989.7	2010.7	2046.2	2076.8	2096.7	2112.3	2125.8	*2127.9*	2133.3
12.5°	1920.3	1914.4	1935.4	1963.9	2021.4	2076.8	2118.8	2139.2	2151.1	*2158.1*	2166.1
15°	1911.2	1906.3	1918.2	1942.9	1990.8	2062.3	2133.8	2171.5	2181.7	*2189.8*	2193.0
17.5°	1955.3	1946.1	1951.0	1959.6	1987.5	2048.9	2145.7	2208.1	2223.7	*2232.3*	2232.3
20°	2057.5	2044.6	2037.0	2019.8	2015.0	2051.0	2144.6	2252.2	2272.6	*2283.4*	2286.1
22.5°	2193.6	2184.9	2168.8	2125.2	2077.9	2077.4	2165.0	2308.7	2346.9	*2357.1*	2350.6
25°	2358.2	2345.2	2324.8	2265.6	2174.7	2129.5	2199.5	2380.7	2444.8	*2447.4*	2428.6
27.5°	2547.5	2528.1	2500.2	2422.2	2299.5	2211.3	2252.2	2463.6	2557.2	*2556.1*	2517.4
30°	2747.1	2727.7	2698.1	2603.4	2449.1	2321.6	2325.3	2552.9	2690.6	*2684.7*	2618.5
32.5°	2892.8	2878.3	2872.4	2799.2	2621.2	2451.7	2409.3	2651.8	2855.2	*2849.8*	2757.3
35°	3004.7	2985.9	2992.9	2955.8	2808.9	2597.5	2512.0	2769.6	3055.3	*3054.7*	2939.6
37.5°	3115.5	3098.8	3104.8	3080.0	2982.7	2782.6	2637.3	2913.8	3303.2	*3315.1*	3160.2
40°	3216.6	3198.9	3222.6	3199.4	3117.7	2979.4	2779.9	3076.8	3590.5	*3613.1*	3427.0
42.5°	3277.4	3263.4	3302.7	3303.2	3234.9	3145.6	2936.4	3256.4	3922.9	*3973.5*	3755.1
45°	3298.4	3293.6	3352.7	3365.1	3338.7	3241.9	3077.3	3452.2	4281.1	*4371.5*	4128.9
47.5°	3275.8	3266.7	3348.4	3394.1	3415.1	3287.1	3194.0	3664.2	4646.9	*4779.2*	4536.6
50°	3161.8	3144.0	3265.6	3361.9	3436.6	3316.7	3311.8	3908.9	5062.7	*5207.4*	4946.5
52.5°	2956.8	2943.4	3081.6	3248.9	3389.3	3331.2	3444.2	4176.3	5457.5	*5644.7*	5366.6
55°	2694.9	2677.1	2829.4	3047.7	3271.5	3326.4	3576.5	4475.3	5923.4	*6113.2*	5800.7
57.5°	2279.6	2244.1	2436.7	2694.9	3079.5	3320.5	3714.2	4772.8	6396.7	*6624.2*	6263.8
60°	1673.9	1621.2	1857.4	2163.4	2704.0	3262.9	3884.7	5106.3	6964.7	*7169.7*	6769.5
62.5°	974.7	944.0	1098.4	1384.0	2038.1	2924.0	3980.5	5494.1	7523.1	*7738.2*	7266.5
65°	756.8	748.2	761.7	783.7	1134.4	2189.3	3685.2	5872.3	8233.1	*8383.7*	7784.5
67.5°	692.3	685.8	691.7	650.3	575.6	1219.4	2915.4	5968.0	8993.7	*9085.1*	8237.9
70°	615.4	607.8	627.2	591.7	452.9	554.6	1883.7	5620.5	9598.8	*9770.4*	8582.7
72.5°	*501.3*	*492.7*	*537.9*	*521.8*	*381.4*	*356.1*	*946.2*	*4794.8*	*9535.4*	*9891.4*	*8335.8*
75°	385.1	380.3	434.1	447.5	310.9	280.2	454.0	3564.1	8391.2	*8750.0*	7184.2
77.5°	299.1	295.3	322.7	371.7	250.7	217.3	279.2	2260.8	6323.6	*6386.5*	4950.8
80°	224.3	213.5	238.8	287.8	195.3	158.7	189.3	1318.4	3997.1	*3623.3*	2154.8
82.5°	140.4	135.0	156.0	192.0	137.7	109.2	123.2	728.3	1601.9	*943.5*	415.8
85°	80.1	78.0	85.0	109.7	74.8	62.9	70.5	321.7	292.6	*201.2*	125.3
87.5°	32.3	31.2	38.7	48.9	27.4	23.1	24.7	77.5	64.5	*59.7*	41.4
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2041.3	2041.3	2041.3	2041.3	2041.3	2041.3	2041.3	2041.3	2041.3	2041.3	2041.3
2.5°	2047.2	2047.2	2039.7	2027.9	2014.4	2005.8	1991.8	1988.1	1973.6	1969.3	1976.2
5°	2072.0	2067.7	2044.6	2011.2	1965.5	1923.5	1877.3	1848.2	1807.3	1792.8	1803.6
7.5°	2103.2	2091.4	2051.6	1978.4	1882.6	1788.5	1690.6	1616.4	1545.4	1520.1	1523.3
10°	2131.7	2115.0	2047.2	1919.2	1753.6	1590.6	1434.6	1325.4	1242.5	1208.7	1216.2
12.5°	2160.2	2129.5	2018.7	1820.8	1570.1	1349.1	1182.8	1097.9	1046.8	1005.9	1019.3
15°	2187.1	2144.1	1974.6	1689.0	1369.0	1144.7	1022.0	954.2	913.4	886.5	891.3
17.5°	2218.3	2156.4	1908.5	1521.7	1177.5	1003.2	903.1	862.3	854.2	851.0	853.1
20°	2261.9	2167.7	1821.3	1334.5	1036.5	890.2	838.6	834.8	834.3	832.7	838.0
22.5°	2308.7	2181.2	1706.2	1164.6	916.6	819.8	810.6	803.1	798.2	797.7	803.6
25°	2364.1	2185.5	1562.1	1025.2	814.4	786.4	775.7	764.4	761.1	761.1	764.4
27.5°	2417.9	2171.0	1394.2	904.2	756.8	755.7	741.8	738.0	737.5	739.1	743.4
30°	2471.6	2143.5	1227.5	792.3	723.5	723.5	718.6	721.3	723.5	728.9	732.6
32.5°	2544.3	2114.5	1088.2	709.5	694.4	689.0	693.9	699.3	701.4	708.4	714.3
35°	2650.8	2094.0	977.4	664.3	664.3	657.3	660.0	658.9	654.1	650.9	658.4
37.5°	2791.7	2093.0	885.9	643.3	639.0	637.9	638.5	631.5	612.7	590.1	590.6
40°	2961.1	2122.0	815.5	628.8	625.6	632.0	628.8	610.0	558.3	519.1	518.0
42.5°	3188.7	2204.9	770.3	611.1	620.7	628.8	615.9	550.8	515.8	489.5	488.4
45°	3456.5	2339.3	747.1	592.2	611.6	621.3	558.9	530.4	502.4	470.7	468.5
47.5°	3759.9	2508.8	741.8	574.5	591.2	597.1	534.7	521.8	490.0	455.6	452.9
50°	4090.2	2709.4	756.3	553.5	561.6	541.1	526.6	514.8	482.0	448.1	444.3
52.5°	4431.8	2930.5	785.3	525.0	532.0	509.4	523.4	513.2	477.1	431.4	428.2
55°	4767.4	3153.2	813.3	491.6	501.9	480.9	514.2	506.7	455.1	403.4	400.7
57.5°	5108.4	3374.8	840.7	462.1	472.8	453.4	499.7	489.5	430.3	377.6	376.5
60°	5462.9	3589.9	853.6	433.5	441.1	428.2	477.7	459.9	402.3	351.2	349.6
62.5°	5794.8	3769.1	832.7	405.0	409.9	404.5	448.6	424.9	374.4	321.7	321.1
65°	6127.8	3875.6	768.1	377.1	378.1	375.5	407.7	387.3	341.6	295.8	292.6
67.5°	6429.5	3935.3	665.4	346.9	344.3	343.2	369.5	346.4	309.8	270.0	266.8
70°	6493.5	3783.6	508.3	311.4	311.4	308.8	327.6	303.9	274.9	242.6	241.5
72.5°	*5930.9*	*3182.8*	*360.9*	*271.1*	*275.4*	*270.0*	*285.6*	*265.7*	*239.4*	*217.8*	*211.4*
75°	4782.5	2333.9	262.5	229.7	237.2	228.1	242.6	228.6	206.0	205.5	185.0
77.5°	3286.0	1443.2	190.4	189.3	194.7	182.9	199.6	192.0	171.6	162.4	152.2
80°	1402.3	575.6	138.8	146.3	146.3	135.6	154.9	157.1	139.3	135.0	135.0
82.5°	279.2	163.5	97.4	100.6	94.7	91.4	109.7	121.6	167.8	186.7	187.2
85°	83.9	60.2	58.6	54.9	48.4	48.9	64.5	122.1	150.6	86.1	74.2
87.5°	23.1	15.1	15.6	12.4	10.2	13.4	22.1	92.5	50.6	21.5	18.3
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

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(END OF REPORT)