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: P1203383

Luminaire Tested: GWC-SB2C-735-U-T2

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203383
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-3)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2C-735-U-T2
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14837 lumens
Efficiency:	N/A
Efficacy:	147.0 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

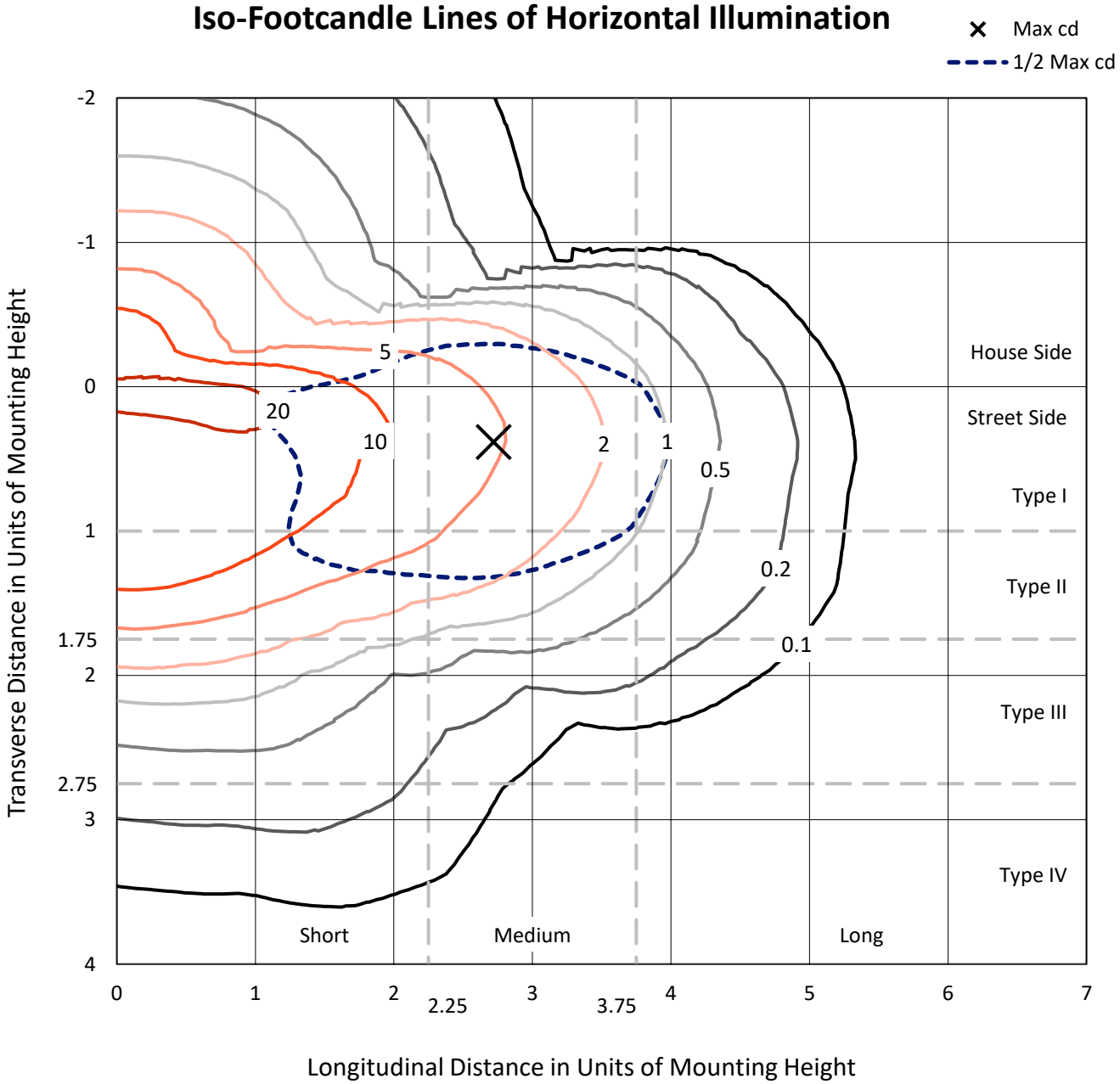


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Iso-Footcandle Lines of Horizontal Illumination



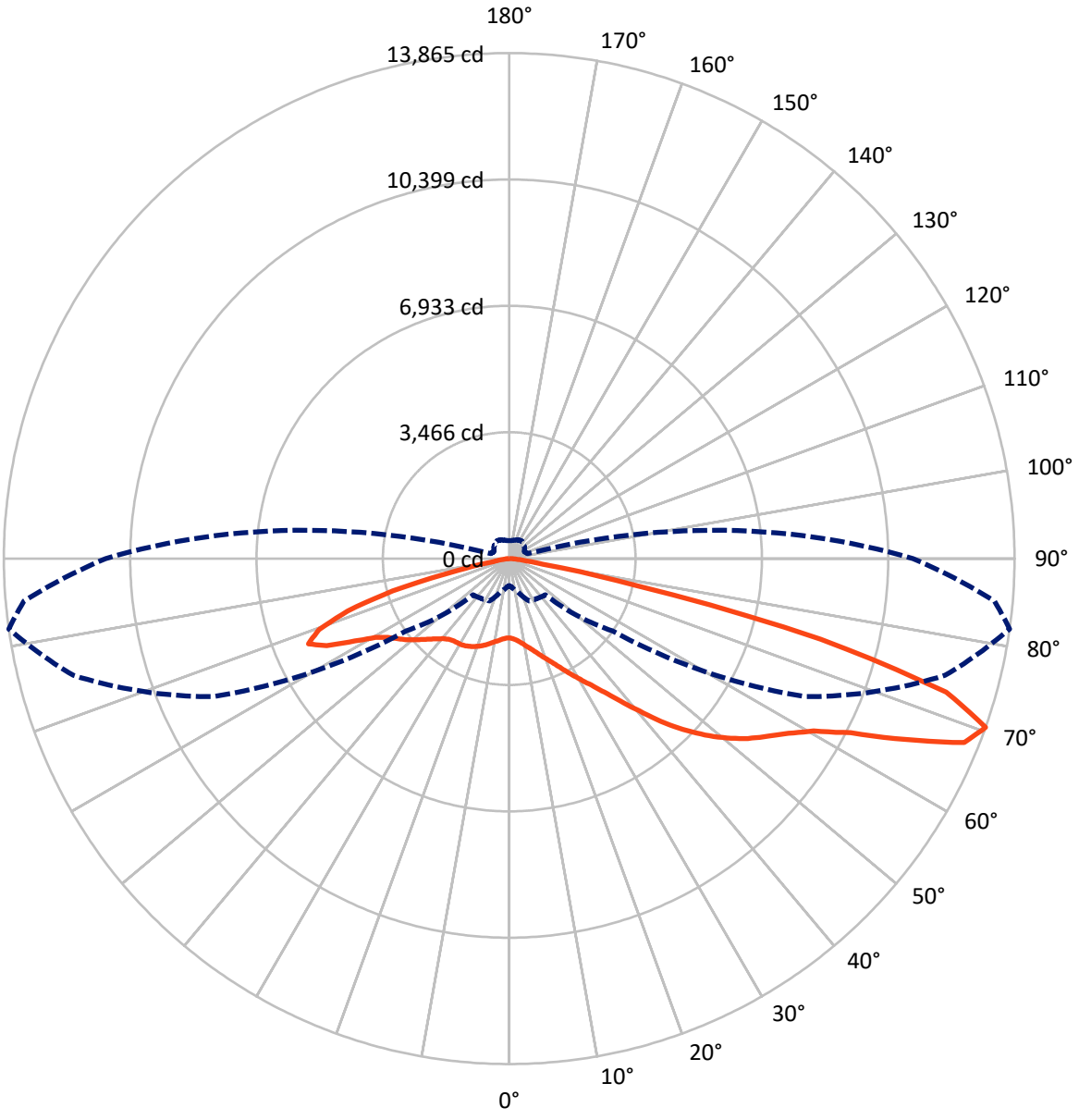
Based on 10 foot mounting height. Maximum calculated value = 24.7 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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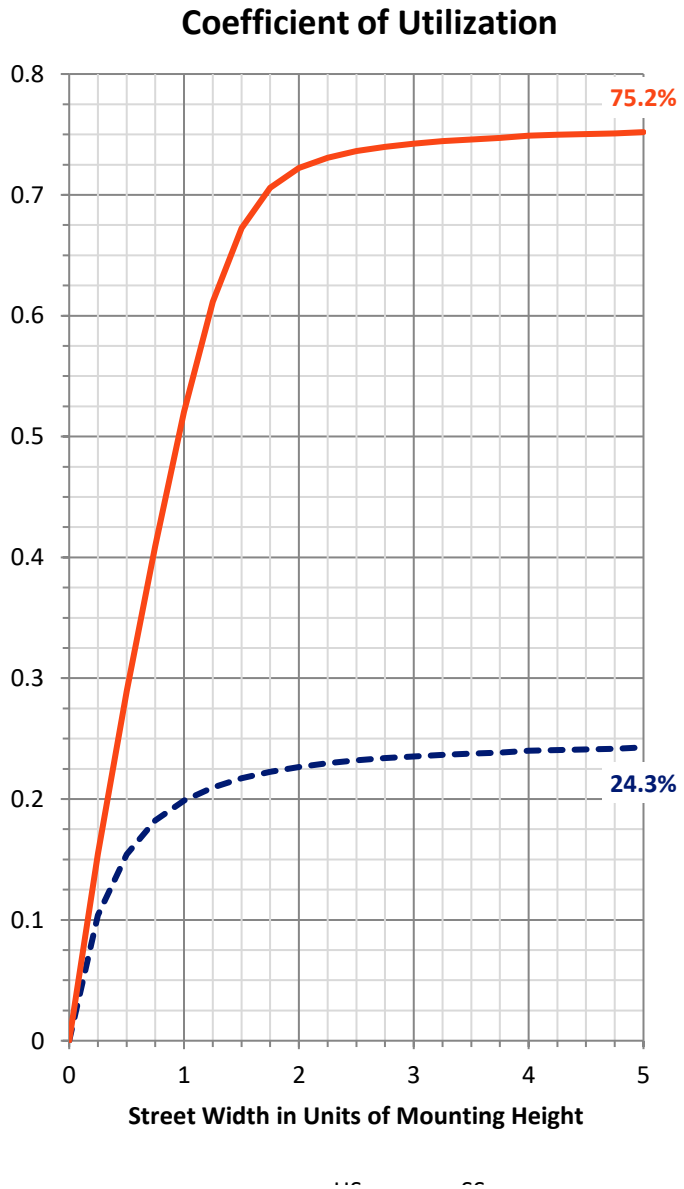
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3657.7	0.0	3657.7
	% Fixture	24.7	0.0	24.7
Street Side	Lumens	11179.3	0.0	11179.3
	% Fixture	75.3	0.0	75.3
Total	Lumens	14837.0	0.0	14837.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	205.4	1.4
10°-20°	590.1	4.0
20°-30°	987.2	6.7
30°-40°	1542.2	10.4
40°-50°	2456.1	16.6
50°-60°	3418.0	23.0
60°-70°	3575.4	24.1
70°-80°	1868.7	12.6
80°-90°	194.0	1.3
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°	14837.0	100.0
0°-180°	14837.0	100.0



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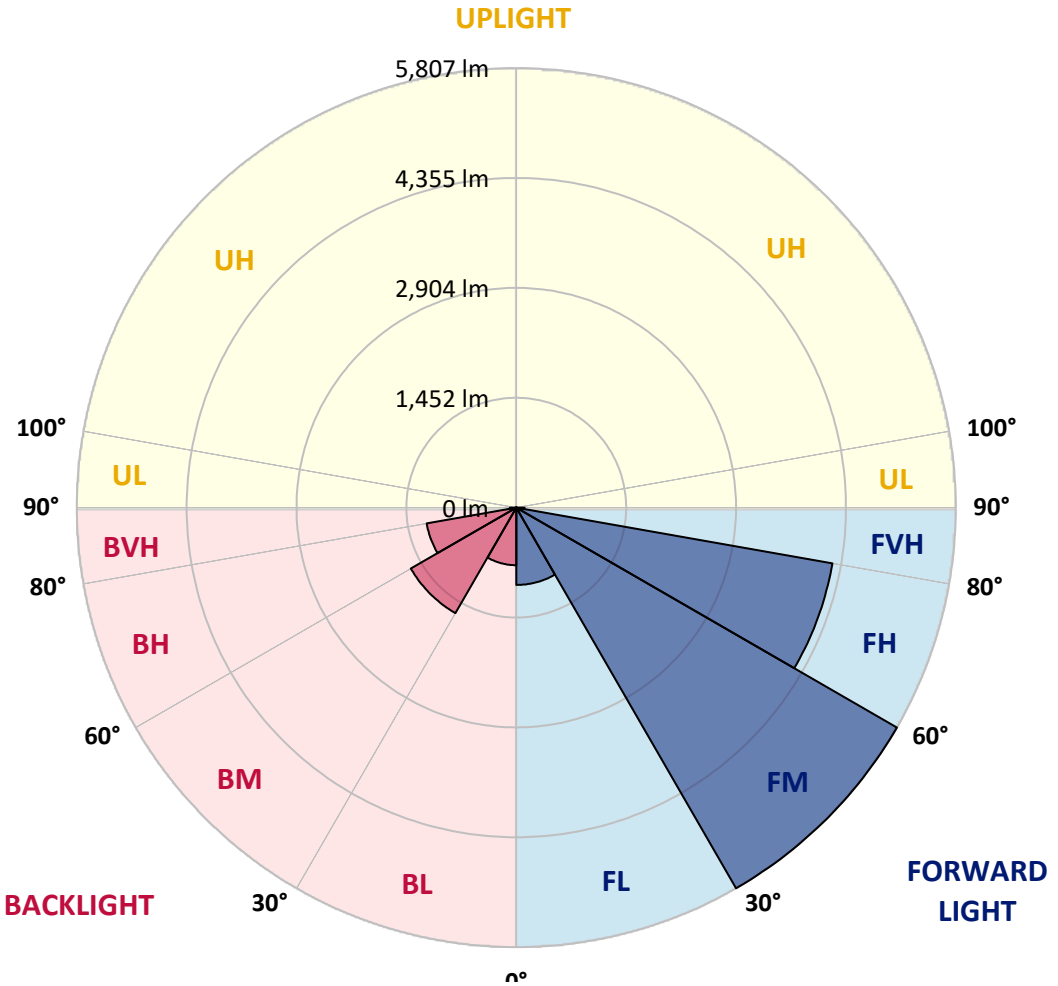
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1021.7	6.9			
FM	(30°-60°)	5807.1	39.1			
FH	(60°-80°)	4241.9	28.6			G2/5000
FVH	(80°-90°)	108.6	0.7			G2/225
BL	(0°-30°)	760.9	5.1	B2/1000		
BM	(30°-60°)	1609.2	10.8	B2/2500		
BH	(60°-80°)	1202.1	8.1	B3/2500		G3/2500
BVH	(80°-90°)	85.4	0.6			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°	82°	85°
0°	2175.3	2175.3	2175.3	2175.3	2175.3	2175.3	2175.3	2175.3	2175.3	*2175.3*	2175.3
2.5°	2227.3	2239.8	2235.9	2232.0	2232.0	2226.5	2225.7	2217.8	2211.5	*2201.3*	2198.9
5°	2255.6	2269.0	2267.4	2270.6	2280.8	2283.1	2285.5	2280.8	2268.2	*2255.6*	2250.1
7.5°	2230.4	2245.4	2250.1	2269.0	2300.5	2328.8	2350.1	2358.7	2346.9	*2328.8*	2320.2
10°	2145.4	2161.9	2178.4	2223.3	2279.2	2346.1	2402.8	2436.7	2434.3	*2417.0*	2402.0
12.5°	1973.0	1990.3	2025.7	2113.1	2215.4	2333.5	2439.0	2509.9	2534.3	*2521.7*	2495.7
15°	1835.2	1850.1	1876.9	1966.7	2099.7	2279.2	2452.4	2590.2	2652.4	*2645.3*	2613.8
17.5°	1831.2	1837.5	1854.1	1896.6	1998.9	2194.2	2438.2	2668.9	2787.8	*2787.0*	2747.7
20°	1900.5	1902.9	1912.3	1921.0	1979.3	2129.6	2402.0	2734.3	2939.8	*2939.8*	2897.2
22.5°	1996.6	1995.0	2004.4	1996.6	2024.9	2124.1	2379.2	2791.7	3109.0	*3121.6*	3068.1
25°	2140.6	2132.8	2130.4	2112.3	2117.8	2175.3	2404.4	2857.1	3309.8	*3335.8*	3268.8
27.5°	2332.7	2320.2	2311.5	2269.8	2255.6	2280.8	2481.5	2935.8	3533.4	*3578.2*	3493.2
30°	2583.1	2560.3	2547.7	2475.2	2424.1	2428.0	2598.1	3040.5	3767.2	*3839.6*	3731.8
32.5°	2924.8	2889.4	2855.5	2736.6	2642.9	2612.2	2748.4	3185.4	4020.7	*4136.4*	3997.9
35°	3307.4	3279.1	3242.9	3059.4	2915.3	2844.5	2951.6	3387.7	4317.5	*4501.0*	4320.7
37.5°	3675.9	3651.5	3668.8	3421.6	3235.8	3132.6	3217.7	3659.3	4683.6	*4954.4*	4725.3
40°	4056.9	4038.0	4040.4	3804.2	3587.7	3472.0	3540.5	4000.2	5103.2	*5493.7*	5211.9
42.5°	4471.0	4456.9	4409.6	4200.2	3956.9	3849.1	3912.1	4393.9	5553.6	*6107.8*	5745.7
45°	4934.8	4926.1	4882.0	4641.9	4363.2	4241.9	4327.0	4828.5	6006.3	*6685.7*	6281.8
47.5°	5335.5	5342.6	5337.1	5134.7	4845.8	4667.9	4769.4	5281.9	6427.5	*7228.9*	6795.9
50°	5528.4	5565.4	5619.7	5556.7	5377.2	5196.1	5215.8	5719.7	6829.0	*7738.3*	7288.8
52.5°	5427.6	5497.7	5645.7	5746.4	5815.7	5777.9	5725.2	6154.3	7206.9	*8198.1*	7754.8
55°	5052.1	5150.5	5396.1	5639.4	5992.9	6267.6	6336.9	6636.1	7575.3	*8602.7*	8195.7
57.5°	4367.9	4527.7	4748.2	5240.2	5835.4	6504.6	7050.2	7304.5	7965.8	*9035.0*	8657.1
60°	3194.8	3409.0	3683.0	4415.1	5284.3	6377.9	7657.2	8331.1	8520.9	*9594.7*	9257.8
62.5°	2044.6	2176.9	2428.8	3118.5	4117.5	5728.3	7843.0	9614.4	9461.7	*10512.7*	10158.4
65°	1399.8	1484.8	1715.5	2102.9	2661.8	4264.0	7345.4	10576.5	10956.0	*11967.6*	11698.4
67.5°	1017.2	1081.7	1278.6	1617.9	1734.4	2523.3	5700.0	10532.4	12408.5	*13466.6*	13047.8
70°	*741.6*	*787.3*	*952.6*	*1278.6*	*1334.5*	*1403.7*	*3453.1*	*8953.1*	*12377.0*	*13865.0*	*13363.5*
72.5°	549.5	581.0	692.0	992.0	1080.2	947.9	1709.2	6507.0	10635.5	*12540.8*	12138.5
75°	397.6	421.2	503.1	759.0	864.4	721.9	852.6	3802.6	7418.7	*8821.6*	8892.5
77.5°	303.9	322.0	375.5	555.8	692.0	541.7	529.1	1749.4	3517.6	*3534.9*	3733.3
80°	244.1	255.9	285.0	391.3	530.6	405.5	344.8	706.2	1111.7	*940.8*	987.3
82.5°	179.5	199.2	240.9	274.8	379.5	279.5	210.2	356.6	422.8	*363.7*	366.9
85°	102.3	115.7	145.6	196.8	242.5	170.8	120.5	158.2	196.8	*161.4*	144.1
87.5°	36.2	47.2	51.2	77.2	105.5	70.9	46.5	45.7	64.6	*48.0*	40.2
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°	2175.3	2175.3	2175.3	2175.3	2175.3	2175.3	2175.3	2175.3	2175.3	2175.3	2175.3
2.5°	2191.0	2187.1	2171.4	2150.1	2128.1	2106.8	2099.7	2084.8	2074.5	2069.0	2075.3
5°	2235.1	2222.5	2185.5	2138.3	2088.7	2035.2	1997.4	1962.7	1937.5	1913.9	1923.4
7.5°	2298.1	2276.1	2212.3	2129.6	2041.4	1952.5	1886.4	1836.0	1802.1	1780.1	1784.8
10°	2371.3	2337.5	2239.8	2116.2	1980.0	1852.5	1774.6	1731.3	1710.0	1698.2	1701.3
12.5°	2455.6	2407.5	2268.2	2085.5	1886.4	1740.7	1687.2	1674.6	1675.4	1676.1	1677.7
15°	2559.5	2492.6	2291.0	2018.6	1764.3	1654.9	1645.4	1665.9	1687.2	1697.4	1696.6
17.5°	2676.8	2582.3	2295.0	1908.4	1644.7	1599.8	1629.7	1673.8	1706.1	1720.2	1723.4
20°	2802.8	2673.6	2266.6	1752.5	1546.2	1554.9	1608.4	1665.1	1700.6	1718.7	1723.4
22.5°	2946.8	2771.3	2198.9	1588.8	1465.9	1506.1	1569.1	1624.2	1661.2	1679.3	1684.0
25°	3111.4	2880.7	2092.6	1451.0	1396.7	1451.0	1514.0	1559.6	1589.5	1606.1	1610.8
27.5°	3294.0	2994.9	1950.9	1341.5	1336.0	1394.3	1446.3	1481.7	1497.4	1510.0	1514.8
30°	3477.5	3098.8	1779.3	1258.9	1283.3	1338.4	1375.4	1391.1	1395.9	1398.2	1403.7
32.5°	3675.9	3188.5	1599.0	1190.4	1232.9	1284.1	1306.1	1313.2	1291.2	1276.2	1280.9
35°	3916.0	3284.6	1422.6	1136.1	1183.3	1227.4	1234.5	1228.2	1202.2	1171.5	1173.1
37.5°	4212.8	3404.3	1281.7	1097.5	1136.9	1166.0	1157.3	1155.7	1158.1	1121.9	1124.3
40°	4576.5	3560.1	1178.6	1067.6	1099.1	1105.4	1081.0	1094.3	1106.1	1051.0	1052.6
42.5°	4980.4	3748.3	1113.2	1047.1	1067.6	1052.6	1014.8	1029.8	1028.2	955.8	955.0
45°	5392.2	3953.0	1090.4	1032.1	1038.4	1008.5	966.8	970.7	937.7	872.3	874.7
47.5°	5801.6	4172.7	1104.6	1019.5	1002.2	968.4	936.1	918.8	870.0	821.1	821.1
50°	6203.1	4403.3	1156.5	994.4	952.6	932.9	909.3	878.6	826.7	784.9	781.8
52.5°	6575.5	4635.6	1214.8	952.6	890.4	902.2	887.3	851.9	800.7	758.2	759.0
55°	6928.2	4867.8	1237.6	895.2	832.2	875.5	866.8	801.5	740.1	705.4	702.3
57.5°	7312.4	5147.3	1212.4	821.9	784.9	844.8	811.7	739.3	703.8	677.9	675.5
60°	7844.6	5585.8	1158.1	731.4	740.1	799.1	742.4	712.5	673.9	644.8	643.2
62.5°	8728.7	6403.8	1070.7	641.6	687.3	731.4	709.4	679.4	640.1	611.7	611.7
65°	10035.6	7540.7	906.2	571.6	628.3	665.3	673.9	644.0	603.1	573.1	574.7
67.5°	11137.8	8254.0	685.7	513.3	567.6	611.7	636.1	607.0	563.7	534.6	535.4
70°	*11077.2*	*7735.9*	*523.5*	*455.8*	*514.1*	*559.0*	*590.5*	*567.6*	*521.2*	*493.6*	*496.0*
72.5°	9838.8	6471.5	423.6	397.6	459.8	503.9	541.7	524.3	477.1	450.3	450.3
75°	7228.1	4593.9	338.5	338.5	392.1	446.4	488.1	477.1	433.8	414.9	409.4
77.5°	3046.8	1927.3	265.3	281.1	325.9	383.4	435.4	439.3	401.5	425.1	385.8
80°	810.1	531.4	202.3	221.2	255.9	316.5	378.7	377.1	336.2	314.1	292.1
82.5°	308.6	209.4	144.1	155.9	185.0	242.5	300.0	309.4	268.5	232.3	232.3
85°	118.9	89.8	89.0	93.7	107.9	160.6	226.7	234.6	202.3	171.6	177.1
87.5°	30.7	26.8	33.1	31.5	49.6	85.8	129.9	134.6	123.6	71.6	102.3
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)