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: P1203001

Luminaire Tested: GWC-SB2B-735-U-SL3

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203001
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-12)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2B-735-U-SL3
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11004 lumens
Efficiency:	N/A
Efficacy:	148.9 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B2 - U0 - G3

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

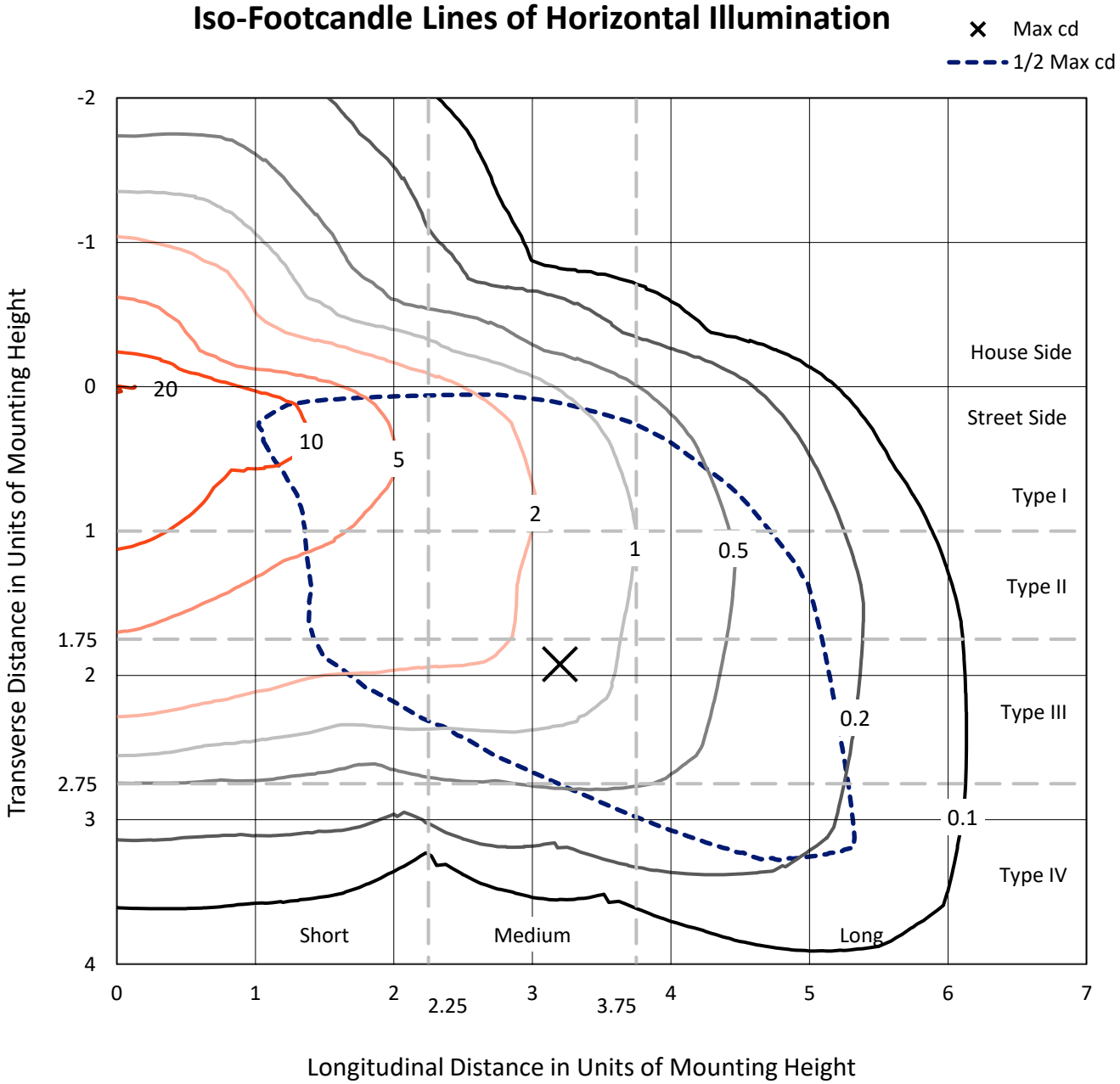


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Iso-Footcandle Lines of Horizontal Illumination



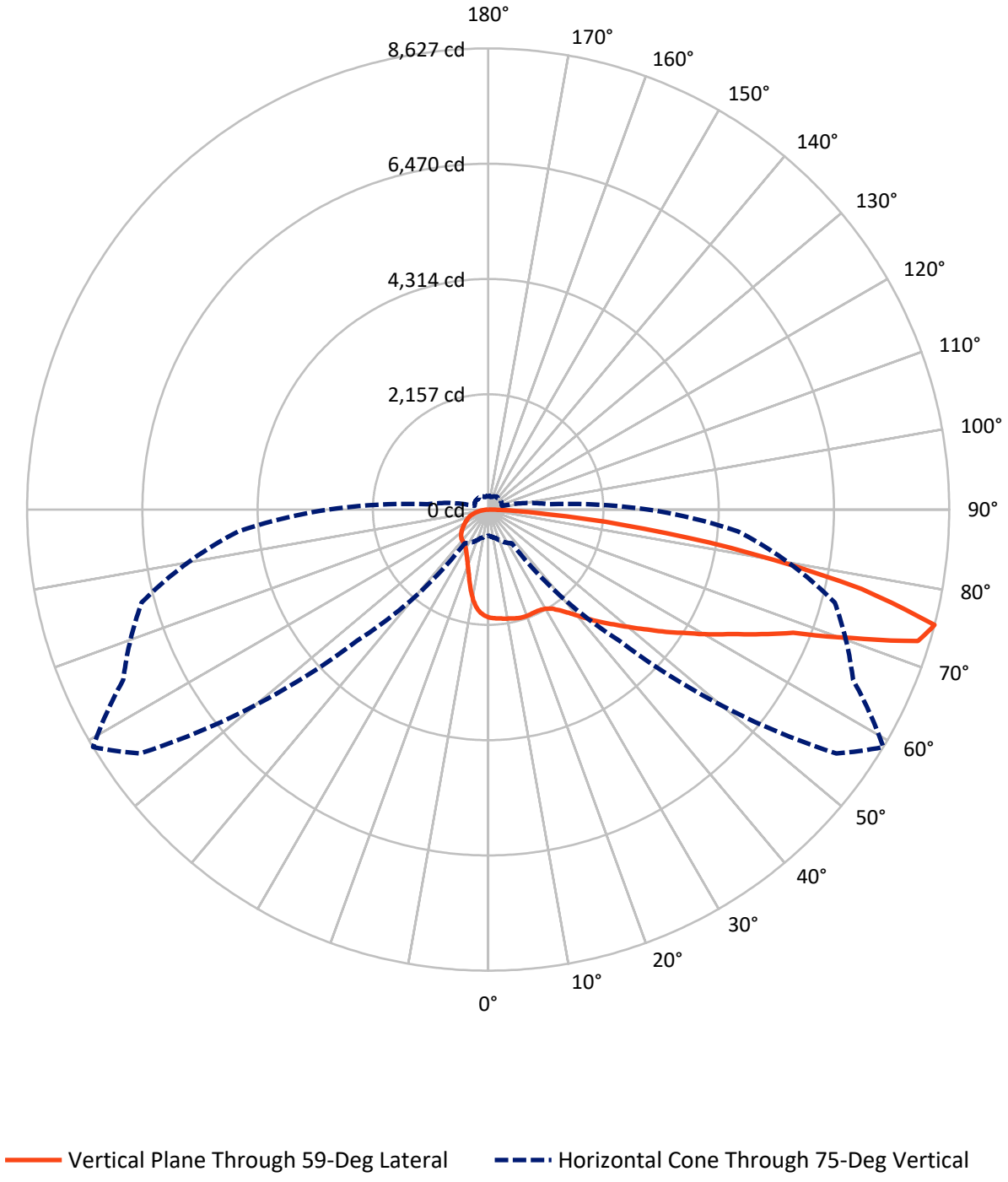
Based on 10 foot mounting height. Maximum calculated value = 20.2 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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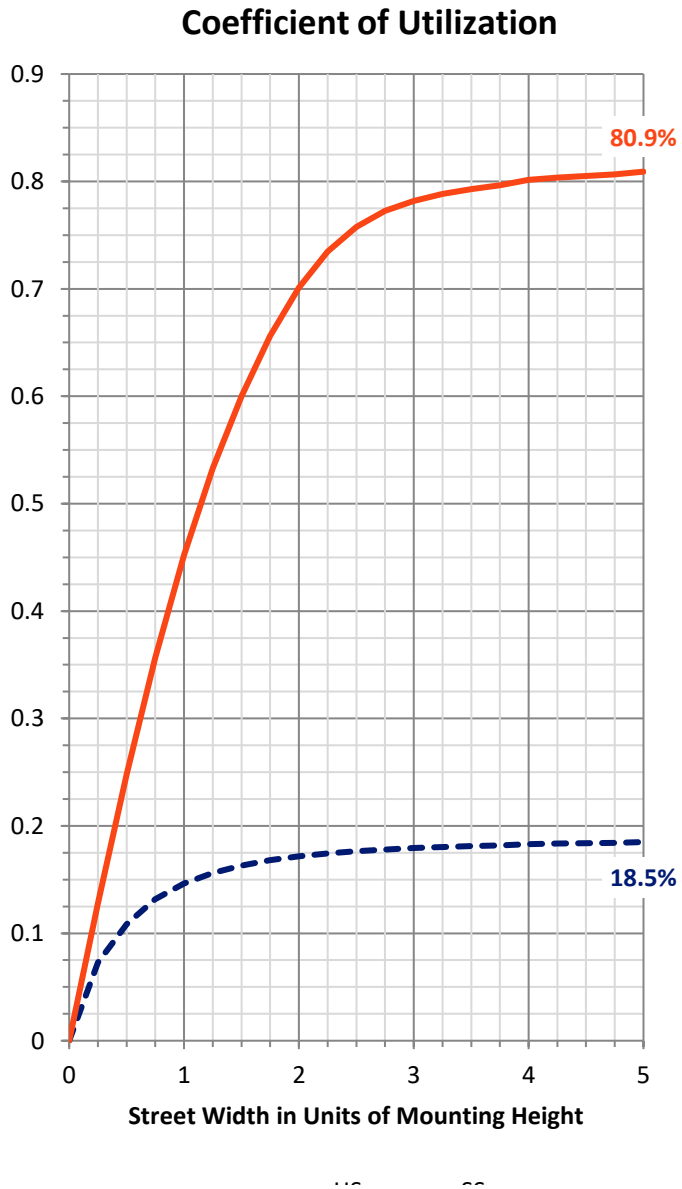
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2063.9	0.0	2063.9
	% Fixture	18.8	0.0	18.8
Street Side	Lumens	8940.1	0.0	8940.1
	% Fixture	81.2	0.0	81.2
Total	Lumens	11004.0	0.0	11004.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	181.1	1.6
10°-20°	462.9	4.2
20°-30°	703.1	6.4
30°-40°	1045.2	9.5
40°-50°	1554.4	14.1
50°-60°	2109.9	19.2
60°-70°	2575.8	23.4
70°-80°	2021.5	18.4
80°-90°	350.2	3.2
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°	11004.0	100.0
0°-180°	11004.0	100.0



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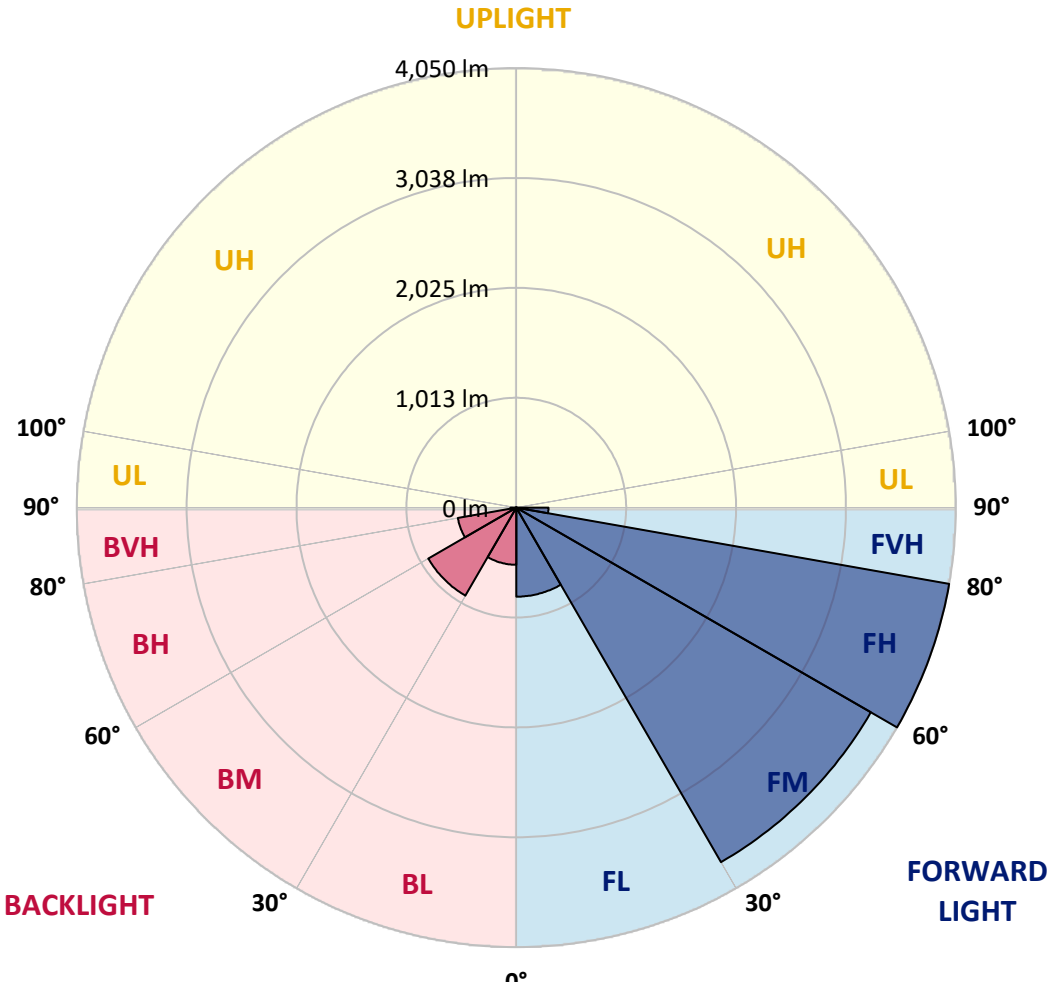
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	820.5	7.5			
FM	(30°-60°)	3772.6	34.3			
FH	(60°-80°)	4050.5	36.8			G2/5000
FVH	(80°-90°)	296.6	2.7			G3/500
BL	(0°-30°)	526.7	4.8	B2/1000		
BM	(30°-60°)	936.8	8.5	B1/1000		
BH	(60°-80°)	546.8	5.0	B2/1000		G2/1000
BVH	(80°-90°)	53.6	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-G3
Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	2019.8	2019.8	2019.8	2019.8	2019.8	2019.8	2019.8	*2019.8*	2019.8	2019.8	2019.8
2.5°	2036.9	2029.8	2036.9	2034.0	2032.8	2030.4	2031.0	*2035.2*	2032.8	2035.7	2025.7
5°	2023.3	2019.2	2026.3	2024.5	2032.2	2033.4	2041.1	*2045.8*	2048.8	2049.4	2041.7
7.5°	2000.8	1996.7	2006.7	2015.0	2031.6	2036.3	2052.3	*2060.0*	2064.2	2071.3	2060.0
10°	1918.5	1916.8	1941.6	1973.0	2012.1	2036.3	2060.6	*2073.6*	2080.1	2099.1	2086.1
12.5°	1772.9	1775.3	1807.8	1868.2	1946.4	2024.5	2070.1	*2089.0*	2099.1	2122.8	2116.8
15°	1633.8	1633.2	1668.7	1733.3	1842.8	1972.4	2074.8	*2107.4*	2124.5	2159.5	2154.7
17.5°	1553.3	1550.9	1575.8	1624.9	1726.7	1892.5	2063.0	*2117.4*	2154.1	2197.9	2193.8
20°	1538.5	1533.8	1546.8	1571.1	1643.3	1804.9	2032.2	*2117.4*	2177.8	2234.6	2232.3
22.5°	1592.4	1584.7	1579.3	1576.4	1608.3	1732.7	1997.3	*2110.3*	2212.7	2287.3	2283.2
25°	1700.7	1688.9	1661.6	1635.0	1625.5	1700.1	1966.5	*2108.6*	2264.8	2358.4	2343.0
27.5°	1875.9	1861.1	1806.1	1742.1	1684.7	1716.7	1952.9	*2119.2*	2322.3	2433.5	2402.8
30°	2093.2	2077.2	2007.9	1909.7	1806.7	1778.2	1970.0	*2150.6*	2395.7	2533.6	2473.2
32.5°	2287.9	2270.2	2211.0	2110.9	1971.8	1884.8	2024.5	*2210.4*	2511.1	2672.7	2579.2
35°	2460.8	2440.0	2386.8	2294.4	2174.3	2034.6	2122.8	*2316.3*	2675.1	2898.8	2723.0
37.5°	2630.1	2605.8	2547.8	2450.1	2366.1	2234.0	2258.3	*2452.5*	2892.9	3173.5	2913.6
40°	2819.5	2784.6	2714.1	2617.6	2535.9	2467.9	2436.5	*2619.4*	3114.3	3480.1	3151.6
42.5°	3003.0	2969.9	2885.8	2803.5	2701.1	2681.6	2643.1	*2814.8*	3356.4	3816.9	3393.1
45°	3200.7	3161.1	3059.2	2955.1	2890.5	2823.6	2843.2	*3010.1*	3593.8	4160.3	3646.5
47.5°	3386.0	3341.6	3221.4	3105.4	3069.9	2943.2	3026.7	*3225.0*	3840.6	4508.3	3897.4
50°	3486.0	3442.2	3342.2	3237.4	3209.6	3090.6	3225.6	*3461.2*	4099.3	4855.2	4138.4
52.5°	3569.5	3522.1	3391.3	3333.3	3325.0	3251.0	3470.6	*3731.1*	4358.0	5161.9	4371.0
55°	3658.3	3605.6	3438.7	3386.6	3424.5	3431.0	3761.3	*4037.2*	4631.5	5460.8	4590.6
57.5°	3760.7	3693.8	3484.3	3431.6	3521.6	3641.7	4095.2	*4354.4*	4900.2	5737.8	4786.0
60°	3857.2	3789.7	3571.9	3503.2	3626.3	3886.2	4478.2	*4738.6*	5204.5	5984.7	4970.7
62.5°	3876.1	3820.5	3641.7	3641.1	3768.4	4171.5	4931.6	*5126.4*	5470.3	6228.6	5136.4
65°	3548.2	3513.3	3407.3	3635.8	3972.0	4582.3	5436.5	*5622.4*	5808.3	6441.7	5282.0
67.5°	2700.5	2705.2	2697.6	3138.6	3807.5	5172.5	6167.6	*6153.4*	6225.6	6680.8	5449.6
70°	1234.8	1262.6	1443.8	2166.6	3050.4	5240.6	7376.4	*7192.3*	6749.5	6990.4	5594.6
72.5°	667.1	688.4	762.4	1049.5	1833.9	4659.3	8279.7	*8410.5*	7446.2	7198.8	5435.4
75°	*489.5*	*501.4*	*552.9*	*667.1*	*770.1*	*3463.0*	*7955.9*	*8627.2*	*7533.3*	*6712.8*	*4693.6*
77.5°	366.4	371.7	413.8	528.6	394.2	1825.6	6357.0	*7144.9*	6448.8	5515.3	3467.1
80°	265.8	271.7	303.1	396.6	276.4	667.7	4365.1	*5015.1*	4416.6	3515.6	1727.9
82.5°	183.5	185.9	199.5	269.9	193.0	259.3	2476.8	*2940.8*	2465.5	1233.6	466.5
85°	110.7	113.7	119.6	157.5	109.5	123.1	1069.1	*1105.8*	737.0	294.8	145.0
87.5°	45.6	48.5	53.3	66.3	43.2	34.3	176.4	*221.4*	137.9	86.4	45.0
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°	2019.8	2019.8	2019.8	2019.8	2019.8	2019.8	2019.8	2019.8	2019.8	2019.8	2019.8
2.5°	2022.7	2018.6	2007.3	1991.9	1977.7	1960.0	1952.3	1945.8	1939.8	1928.6	1923.3
5°	2035.2	2023.9	1993.7	1954.6	1910.2	1861.7	1814.4	1781.8	1754.0	1733.3	1716.1
7.5°	2054.1	2032.8	1977.7	1897.8	1796.0	1691.8	1597.7	1530.8	1480.5	1462.1	1430.2
10°	2073.6	2048.2	1952.3	1811.4	1635.6	1475.2	1350.3	1281.6	1241.3	1228.3	1208.2
12.5°	2096.7	2059.4	1912.6	1691.2	1456.2	1280.4	1171.5	1131.2	1110.5	1103.4	1105.2
15°	2130.5	2068.9	1852.8	1540.9	1285.1	1138.3	1067.9	1040.1	1029.4	1028.8	1031.2
17.5°	2155.9	2070.7	1759.9	1379.9	1153.7	1052.5	994.5	983.8	990.9	1001.6	1005.7
20°	2184.3	2054.7	1637.9	1233.0	1061.4	977.3	953.1	960.2	977.3	992.7	998.0
22.5°	2204.5	2025.7	1490.5	1118.8	981.5	934.1	932.9	947.7	957.2	964.9	969.0
25°	2222.2	1976.5	1334.3	1022.9	915.8	908.1	921.1	916.4	909.8	916.4	920.5
27.5°	2235.2	1899.0	1194.6	938.8	869.6	890.3	882.6	872.0	871.4	874.9	880.8
30°	2231.1	1795.4	1079.7	858.9	837.0	857.2	838.8	837.0	835.3	837.0	843.5
32.5°	2231.1	1677.6	991.5	803.9	816.3	808.6	806.8	802.7	795.6	795.0	802.7
35°	2243.5	1559.8	915.8	774.3	799.1	780.8	782.0	771.9	757.1	750.0	757.1
37.5°	2269.0	1465.1	840.6	760.1	769.0	768.4	763.6	746.5	720.4	697.9	705.6
40°	2330.5	1437.3	789.1	753.6	754.7	761.8	749.4	716.3	657.1	620.4	625.1
42.5°	2427.0	1484.0	777.8	737.6	745.3	752.4	728.1	651.2	609.1	587.2	587.2
45°	2549.6	1565.7	802.1	714.5	722.8	735.2	663.0	626.3	607.3	607.9	610.9
47.5°	2704.7	1651.6	847.1	694.4	690.2	697.3	619.8	597.3	571.2	577.8	594.3
50°	2884.0	1738.6	889.7	667.1	654.1	631.0	592.0	570.6	537.5	522.1	526.3
52.5°	3078.2	1822.6	906.9	634.0	615.0	588.4	573.0	547.0	506.7	481.3	480.7
55°	3262.3	1899.0	887.9	594.3	576.0	555.3	552.9	536.9	493.7	458.2	458.2
57.5°	3436.3	1962.9	840.6	554.1	536.3	523.9	539.9	532.2	477.7	432.1	429.8
60°	3583.7	2006.7	771.9	513.2	500.8	494.3	518.6	516.2	455.2	404.3	402.5
62.5°	3700.9	2023.9	696.1	474.2	471.2	459.4	489.0	489.0	426.8	377.1	375.3
65°	3792.7	2007.3	619.2	435.7	441.6	423.8	452.8	449.3	396.6	352.8	350.4
67.5°	3873.8	1952.9	533.9	397.8	411.4	388.9	415.0	406.7	363.5	328.5	326.2
70°	3909.9	1826.2	436.9	359.9	376.5	354.6	377.1	361.7	326.2	302.5	297.8
72.5°	3619.8	1517.8	343.9	320.2	334.5	316.7	336.2	318.5	285.9	275.3	266.4
75°	*2994.7*	*1138.9*	*264.6*	*277.0*	*287.7*	*274.1*	*287.1*	*274.1*	*244.5*	*252.2*	*230.3*
77.5°	2174.9	769.0	202.4	231.5	236.2	229.1	240.3	225.5	198.9	197.1	188.2
80°	1081.5	450.5	158.6	182.9	181.1	176.4	189.4	182.3	159.8	169.3	167.5
82.5°	313.1	193.0	115.4	128.5	124.9	126.1	135.6	139.1	208.4	206.6	211.3
85°	98.3	75.8	69.3	71.6	68.1	69.9	79.9	158.6	146.8	85.8	92.9
87.5°	25.5	26.0	17.2	18.4	18.9	22.5	25.5	96.5	46.2	30.2	32.0
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)