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

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: P1203387

Luminaire Tested: GWC-SB2C-735-U-T4FT

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203387
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-24)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2C-735-U-T4FT
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV FORWARD THRC OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14800 lumens
Efficiency:	N/A
Efficacy:	146.7 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - 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

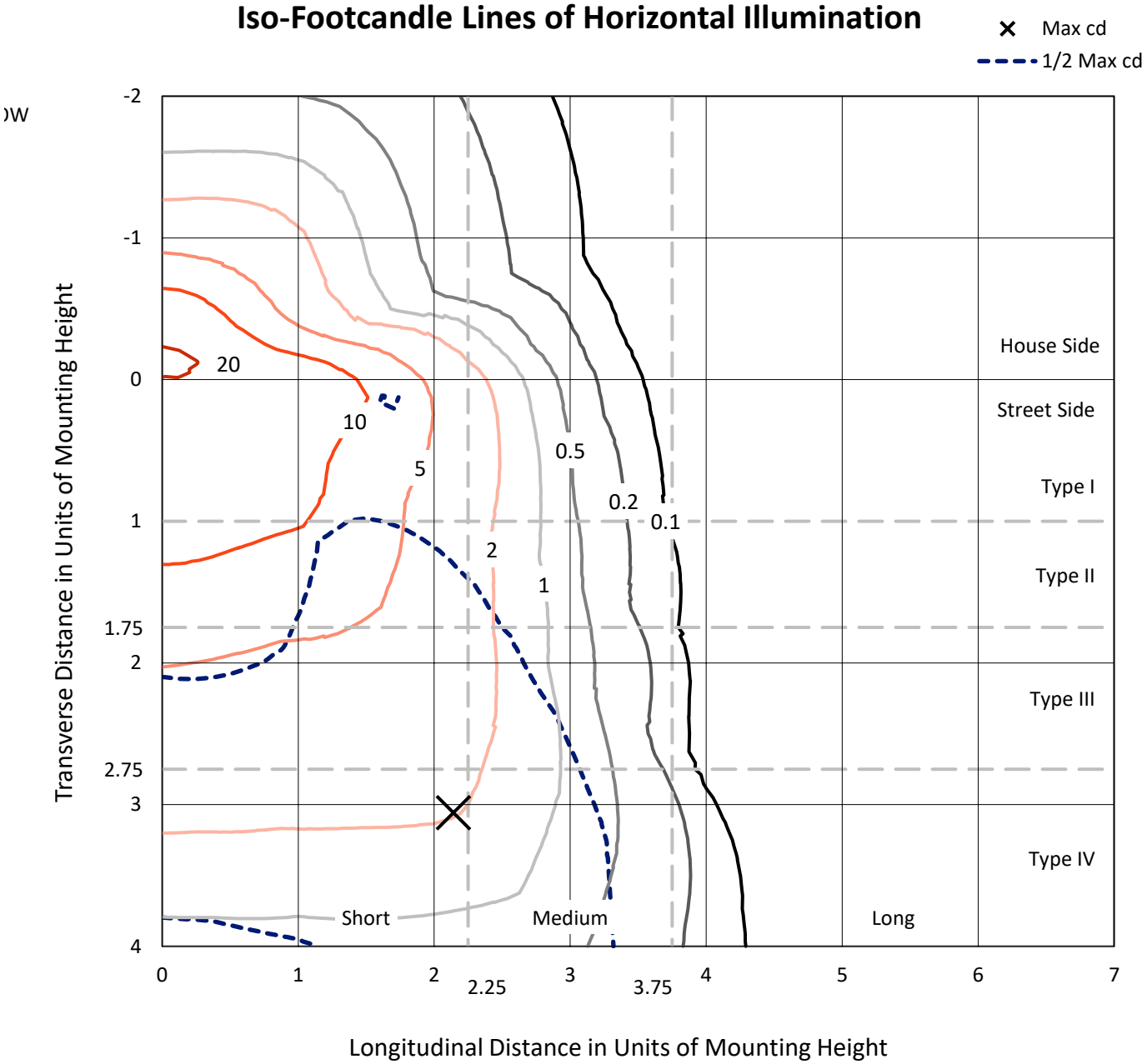


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Iso-Footcandle Lines of Horizontal Illumination



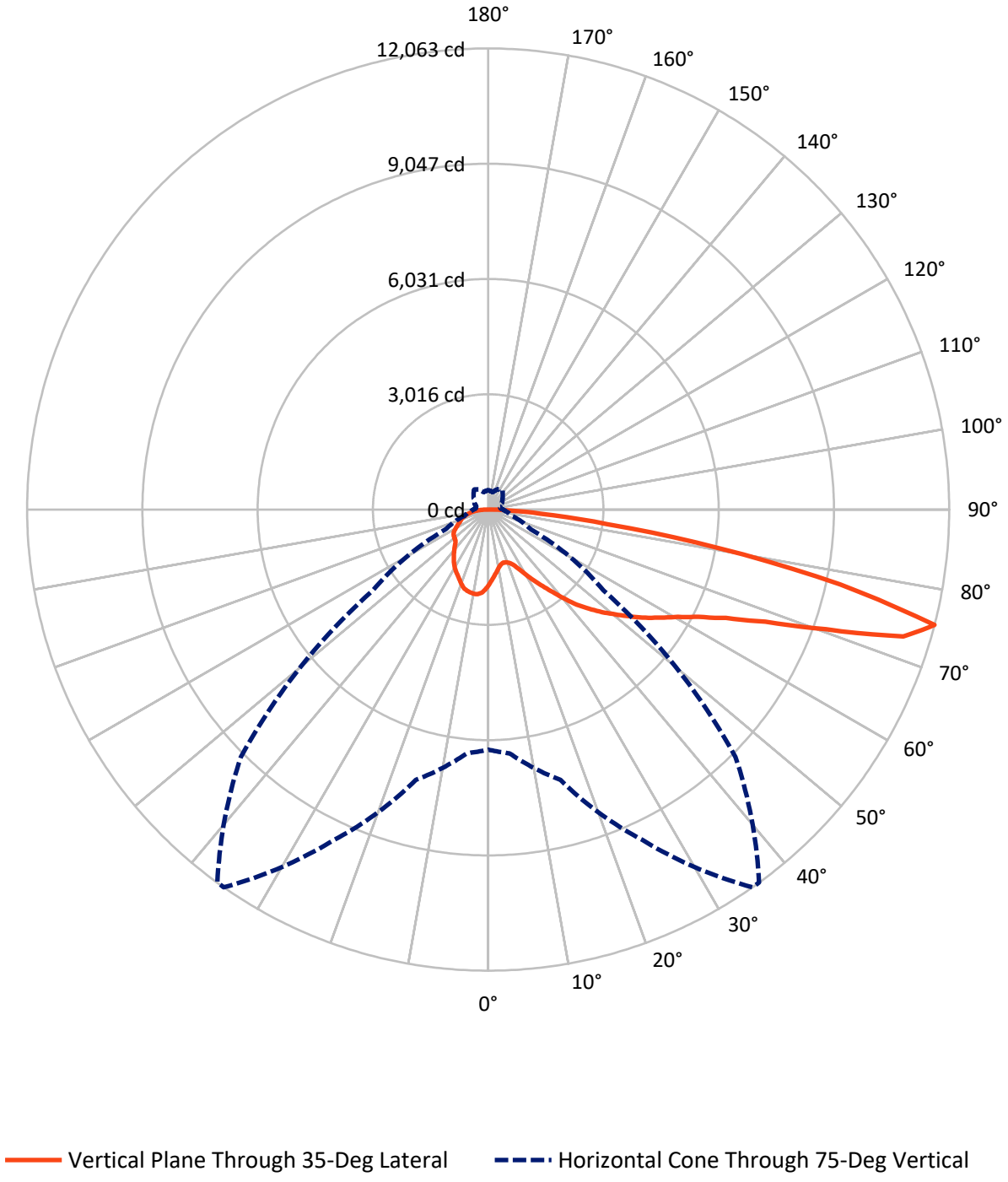
Based on 10 foot mounting height. Maximum calculated value = 21.8 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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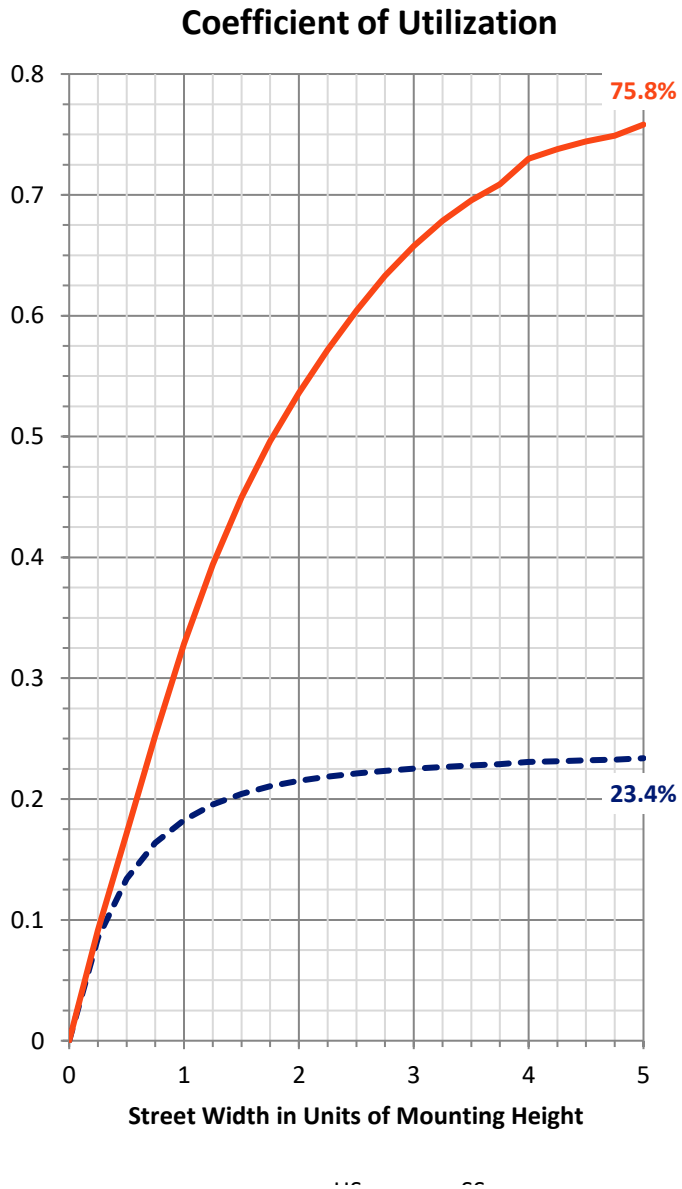
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3522.0	0.0	3522.0
	% Fixture	23.8	0.0	23.8
Street Side	Lumens	11278.0	0.0	11278.0
	% Fixture	76.2	0.0	76.2
Total	Lumens	14800.0	0.0	14800.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	186.7	1.3
10°-20°	538.6	3.6
20°-30°	904.5	6.1
30°-40°	1405.7	9.5
40°-50°	2086.4	14.1
50°-60°	2880.3	19.5
60°-70°	3494.5	23.6
70°-80°	2888.0	19.5
80°-90°	415.4	2.8
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°	14800.0	100.0
0°-180°	14800.0	100.0



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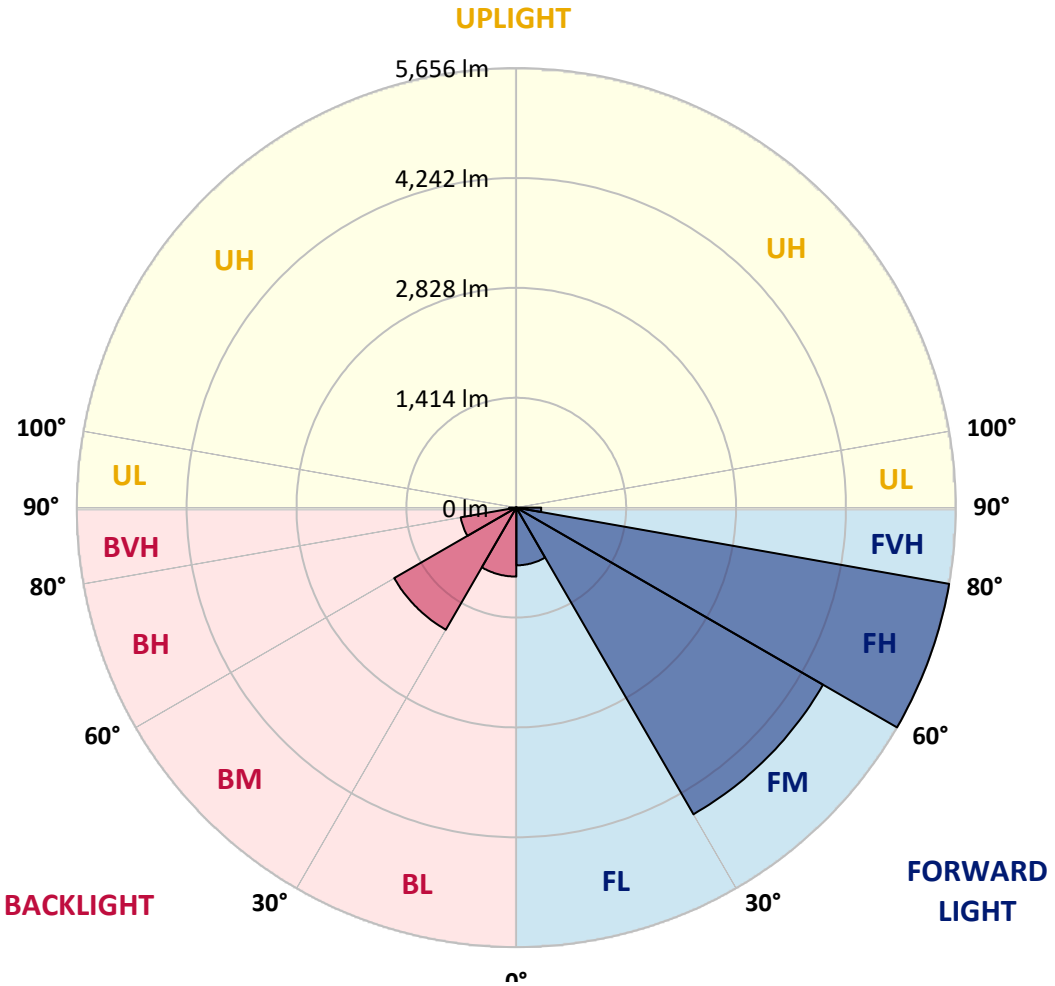
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	742.2	5.0			
FM	(30°-60°)	4557.6	30.8			
FH	(60°-80°)	5656.3	38.2			G3/7500
FVH	(80°-90°)	321.8	2.2			G3/500
BL	(0°-30°)	887.6	6.0	B2/1000		
BM	(30°-60°)	1814.8	12.3	B2/2500		
BH	(60°-80°)	726.1	4.9	B2/1000		G2/1000
BVH	(80°-90°)	93.5	0.6			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 Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°	85°
0°	1972.2	1972.2	1972.2	1972.2	1972.2	1972.2	1972.2	1972.2	1972.2	1972.2	1972.2
2.5°	1818.6	1829.8	1834.6	1832.2	1844.2	1842.6	1859.4	1880.2	1909.0	1937.0	1977.8
5°	1678.6	1690.6	1701.0	1710.6	1733.8	1741.0	1767.4	1807.4	1860.2	1913.8	1981.0
7.5°	1548.2	1558.6	1574.6	1592.2	1631.4	1638.6	1682.6	1745.0	1818.6	1897.0	1989.8
10°	1441.7	1452.1	1468.9	1489.0	1537.8	1546.6	1602.6	1685.8	1781.8	1881.0	1999.4
12.5°	1396.1	1399.3	1408.9	1428.9	1471.3	1476.9	1538.6	1633.8	1745.8	1869.0	2013.8
15°	1393.7	1400.1	1400.9	1411.3	1446.5	1448.9	1505.8	1600.2	1723.4	1866.6	2035.4
17.5°	1417.7	1422.5	1415.3	1421.7	1451.3	1455.3	1500.2	1584.2	1716.2	1877.0	2072.2
20°	1481.8	1485.8	1464.1	1455.3	1476.9	1480.2	1524.2	1594.6	1723.4	1898.6	2122.6
22.5°	1617.8	1620.2	1567.4	1531.4	1533.0	1534.6	1573.0	1637.0	1751.4	1937.8	2186.6
25°	1829.8	1828.2	1744.2	1674.6	1634.6	1625.8	1651.4	1705.8	1798.6	1989.8	2269.0
27.5°	2077.8	2065.8	1981.8	1877.8	1790.6	1777.8	1772.2	1795.4	1865.8	2058.6	2369.8
30°	2357.8	2346.6	2256.2	2120.2	1999.4	1978.6	1925.8	1913.8	1965.8	2152.2	2509.9
32.5°	2665.1	2657.9	2549.9	2385.0	2223.4	2199.4	2110.6	2078.6	2119.4	2293.8	2705.1
35°	2922.7	2916.3	2826.7	2657.1	2459.4	2429.8	2339.4	2303.4	2324.2	2475.5	2960.3
37.5°	3155.5	3152.3	3075.5	2941.9	2737.9	2701.9	2600.3	2588.3	2584.3	2714.7	3269.9
40°	3371.5	3363.5	3283.5	3213.1	3061.9	3029.1	2939.5	2929.1	2898.7	3009.1	3620.4
42.5°	3610.8	3590.0	3474.0	3441.1	3400.3	3373.1	3319.5	3321.1	3253.9	3341.1	3991.6
45°	3806.0	3794.0	3674.8	3655.6	3699.6	3688.4	3734.8	3746.8	3616.4	3689.2	4377.2
47.5°	4015.6	4004.4	3903.6	3890.0	4009.2	4012.4	4176.4	4180.4	3970.0	4050.8	4763.7
50°	4274.0	4258.0	4158.0	4174.8	4308.4	4320.4	4620.5	4593.3	4295.6	4418.0	5146.9
52.5°	4444.5	4454.1	4432.4	4459.7	4642.1	4653.3	5057.3	4987.7	4618.1	4780.5	5523.0
55°	4570.1	4589.3	4656.5	4718.9	4994.1	5005.3	5469.4	5362.9	4885.3	5116.5	5876.6
57.5°	4731.7	4704.5	4830.1	4951.7	5328.5	5358.1	5870.2	5724.6	5122.1	5406.1	6119.0
60°	4963.7	4944.5	5042.1	5222.1	5703.0	5750.2	6294.2	6050.2	5295.7	5635.8	6166.2
62.5°	5434.2	5386.1	5401.3	5560.6	6175.0	6237.4	6772.7	6334.2	5382.1	5725.4	5913.4
65°	6137.4	6055.0	5978.2	6088.6	6839.9	6901.5	7312.7	6557.5	5350.1	5551.8	5242.1
67.5°	7023.1	6941.5	6847.1	6951.1	7819.2	7868.0	7979.2	6683.1	5098.1	4882.9	4055.6
70°	7753.6	7723.2	7836.0	8264.0	9383.4	9385.0	8833.7	6579.1	4407.6	3462.0	2346.6
72.5°	7656.8	7638.4	8232.8	9556.2	11354.8	11312.3	9642.6	5791.8	2969.1	1561.8	879.3
75°	6281.4	6400.6	7321.5	9533.0	12062.8	12057.2	9147.3	3682.0	1228.1	647.3	454.4
77.5°	3368.3	3557.2	4753.3	7038.3	9417.0	9558.6	6431.1	1288.1	527.3	414.4	314.4
80°	1098.5	1263.3	1894.6	3583.6	6119.0	6092.6	2756.3	505.7	360.8	293.6	217.6
82.5°	466.4	485.6	846.5	1692.2	3140.3	3091.5	877.7	290.4	253.6	200.8	134.4
85°	182.4	204.0	373.6	782.5	1360.1	1330.5	316.8	144.0	162.4	131.2	80.0
87.5°	60.0	72.8	133.6	268.0	423.2	408.0	77.6	49.6	70.4	60.0	28.8
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1972.2	1972.2	1972.2	1972.2	1972.2	1972.2	1972.2	1972.2	1972.2	1972.2	1972.2
2.5°	1989.0	2001.8	2017.0	2039.4	2058.6	2074.6	2091.4	2101.8	2105.8	2117.8	2117.0
5°	2003.4	2031.4	2069.0	2105.8	2141.8	2163.4	2182.6	2192.2	2201.0	2207.4	2209.0
7.5°	2027.4	2063.4	2122.6	2170.6	2201.0	2218.6	2231.4	2228.2	2231.4	2233.0	2235.4
10°	2048.2	2098.6	2169.0	2214.6	2237.8	2238.6	2235.4	2224.2	2218.6	2219.4	2221.0
12.5°	2073.0	2129.0	2205.0	2243.4	2249.8	2232.2	2218.6	2199.4	2192.2	2189.0	2187.4
15°	2106.6	2170.6	2244.2	2258.6	2242.6	2220.2	2197.0	2165.8	2149.8	2137.0	2141.0
17.5°	2147.4	2217.8	2274.6	2264.2	2229.8	2193.0	2155.4	2108.2	2075.4	2061.8	2062.6
20°	2204.2	2267.4	2297.8	2252.2	2200.2	2144.2	2080.2	2022.6	1992.2	1978.6	1977.0
22.5°	2273.0	2333.8	2320.2	2231.4	2157.8	2068.2	1988.2	1945.8	1930.6	1921.0	1922.6
25°	2355.4	2407.4	2336.2	2201.0	2088.2	1967.4	1905.8	1892.2	1885.0	1877.8	1877.8
27.5°	2462.6	2490.7	2348.2	2156.2	1979.4	1860.2	1837.8	1840.2	1837.8	1825.8	1828.2
30°	2604.3	2598.7	2359.4	2083.4	1854.6	1763.4	1765.0	1775.4	1777.0	1769.0	1773.0
32.5°	2790.7	2733.9	2365.0	1989.0	1735.4	1678.6	1680.2	1691.4	1699.4	1685.8	1692.2
35°	3016.3	2891.5	2356.2	1870.6	1643.4	1597.8	1585.8	1589.0	1591.4	1578.6	1587.4
37.5°	3279.5	3068.3	2317.0	1739.4	1567.4	1518.6	1493.0	1471.3	1458.5	1446.5	1454.5
40°	3568.4	3261.1	2245.0	1611.4	1482.6	1434.5	1396.1	1355.3	1312.1	1296.1	1303.3
42.5°	3870.8	3459.6	2157.8	1489.0	1384.9	1345.7	1304.9	1245.7	1180.9	1148.1	1152.1
45°	4184.4	3662.8	2072.2	1368.1	1284.9	1268.1	1220.9	1149.7	1079.3	1037.7	1034.5
47.5°	4491.7	3854.8	1946.6	1246.5	1191.3	1209.7	1172.9	1107.3	1028.9	963.3	956.1
50°	4785.3	4034.8	1741.0	1123.3	1115.3	1192.1	1156.9	1062.5	972.9	888.9	881.7
52.5°	5076.5	4180.4	1477.7	1011.3	1074.5	1187.3	1136.1	1032.1	922.5	834.5	824.9
55°	5323.7	4255.6	1224.1	915.3	1015.3	1146.5	1111.3	996.1	851.3	757.7	749.7
57.5°	5464.6	4194.8	1012.9	820.9	933.7	1079.3	1068.9	919.3	766.5	694.5	684.9
60°	5403.7	3948.4	840.1	738.5	856.1	1006.5	995.3	843.3	701.7	633.7	624.1
62.5°	5068.5	3478.8	703.3	666.5	785.7	932.1	921.7	784.9	652.1	586.5	576.1
65°	4393.2	2829.9	596.9	606.5	714.5	842.5	857.7	736.1	612.9	548.9	538.5
67.5°	3350.7	2049.8	513.7	554.5	644.9	754.5	798.5	700.9	580.1	519.3	509.7
70°	1909.8	1164.1	443.2	504.1	583.3	672.9	752.9	672.9	544.9	494.5	488.0
72.5°	724.1	534.5	383.2	453.6	524.1	604.1	702.5	628.9	504.1	466.4	460.0
75°	*386.4*	*325.6*	*322.4*	*394.4*	*456.0*	*536.9*	*639.3*	*585.7*	*473.6*	*492.9*	*508.9*
77.5°	263.2	230.4	269.6	337.6	381.6	462.4	572.1	520.1	410.4	408.8	376.8
80°	182.4	163.2	219.2	272.0	295.2	388.8	499.3	446.4	334.4	312.0	298.4
82.5°	109.6	106.4	164.0	203.2	208.8	300.0	413.6	374.4	273.6	238.4	240.0
85°	60.0	63.2	104.8	119.2	121.6	209.6	324.0	289.6	210.4	176.8	178.4
87.5°	16.8	21.6	38.4	47.2	58.4	108.8	192.8	172.0	105.6	73.6	73.6
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)