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: P1203385

Luminaire Tested: GWC-SB2C-735-U-T3

Issue Date: 10/30/2025

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203385
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-5)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2C-735-U-T3
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14984 lumens
Efficiency:	N/A
Efficacy:	148.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

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

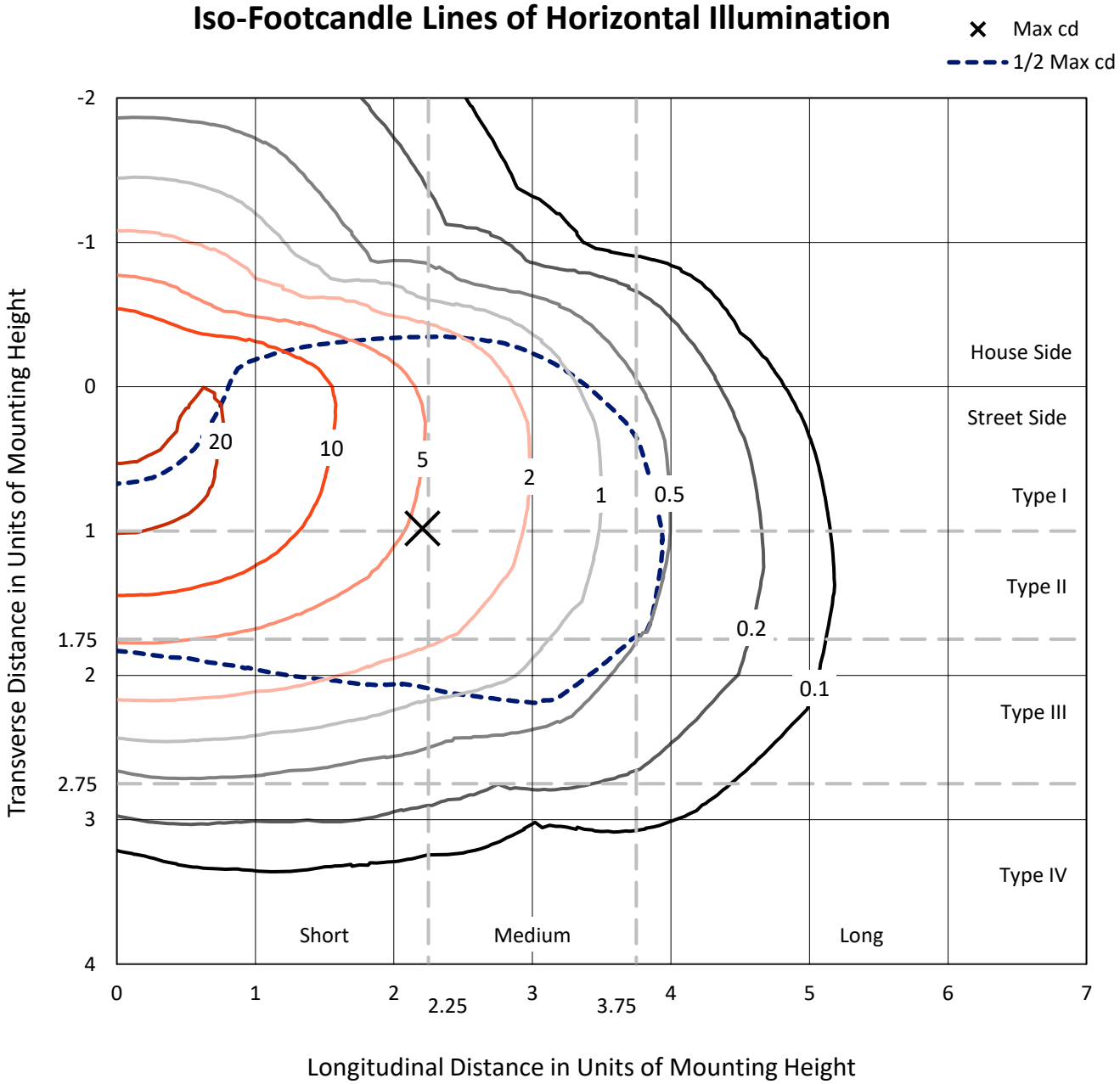


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Iso-Footcandle Lines of Horizontal Illumination



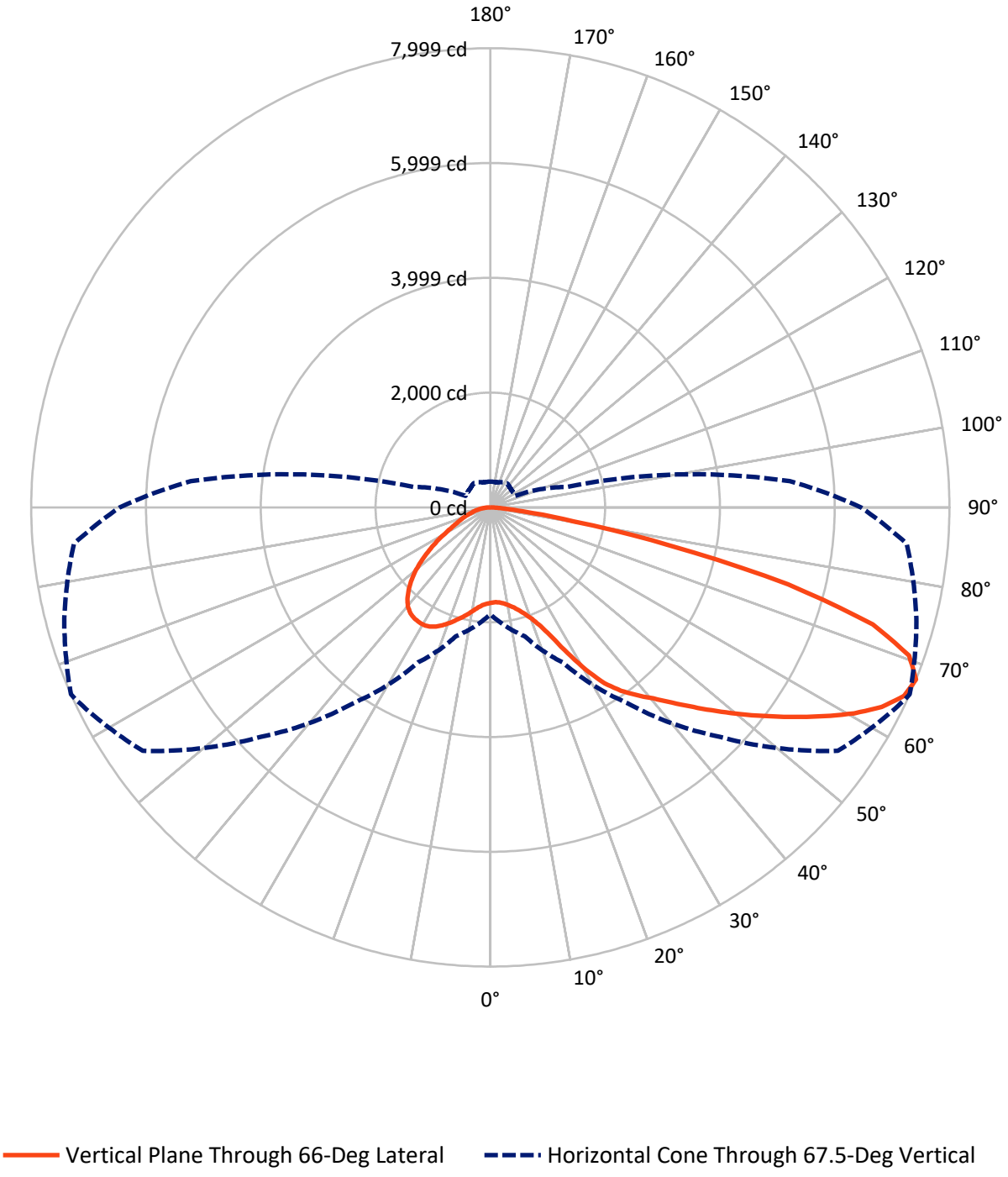
Based on 10 foot mounting height. Maximum calculated value = 23.6 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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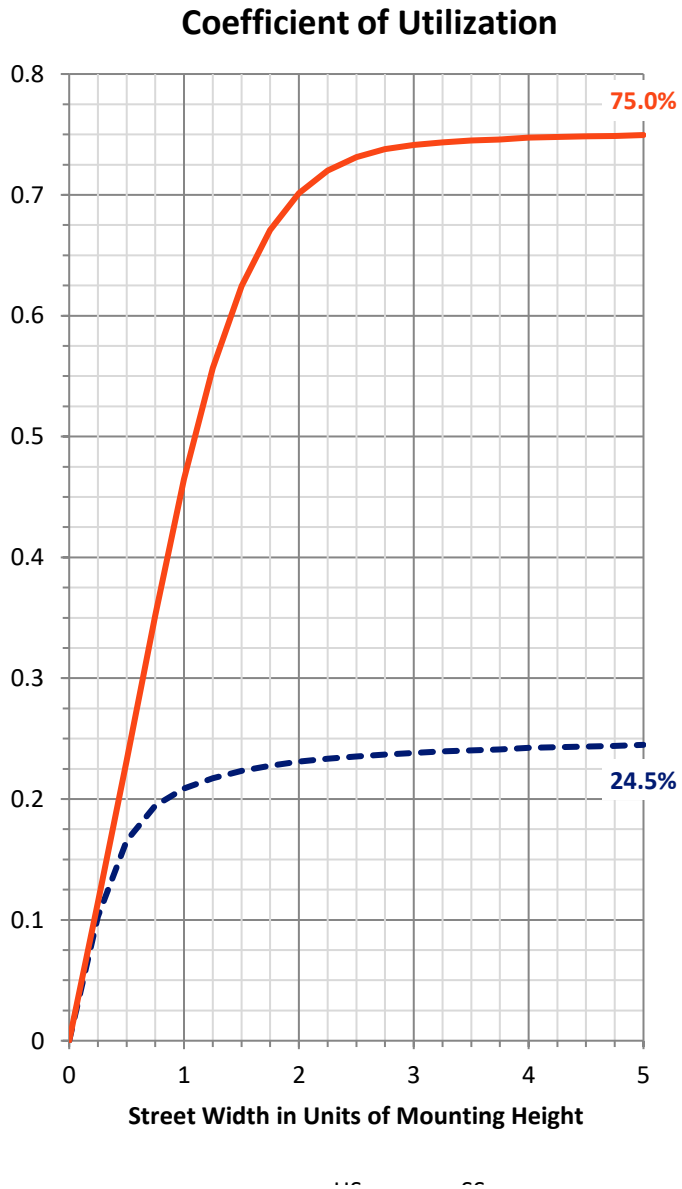
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3725.7	0.0	3725.7
	% Fixture	24.9	0.0	24.9
Street Side	Lumens	11258.3	0.0	11258.3
	% Fixture	75.1	0.0	75.1
Total	Lumens	14984.0	0.0	14984.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	164.8	1.1
10°-20°	544.4	3.6
20°-30°	1049.3	7.0
30°-40°	1839.8	12.3
40°-50°	2735.1	18.3
50°-60°	3467.1	23.1
60°-70°	3392.4	22.6
70°-80°	1618.2	10.8
80°-90°	172.9	1.2
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°	14984.0	100.0
0°-180°	14984.0	100.0



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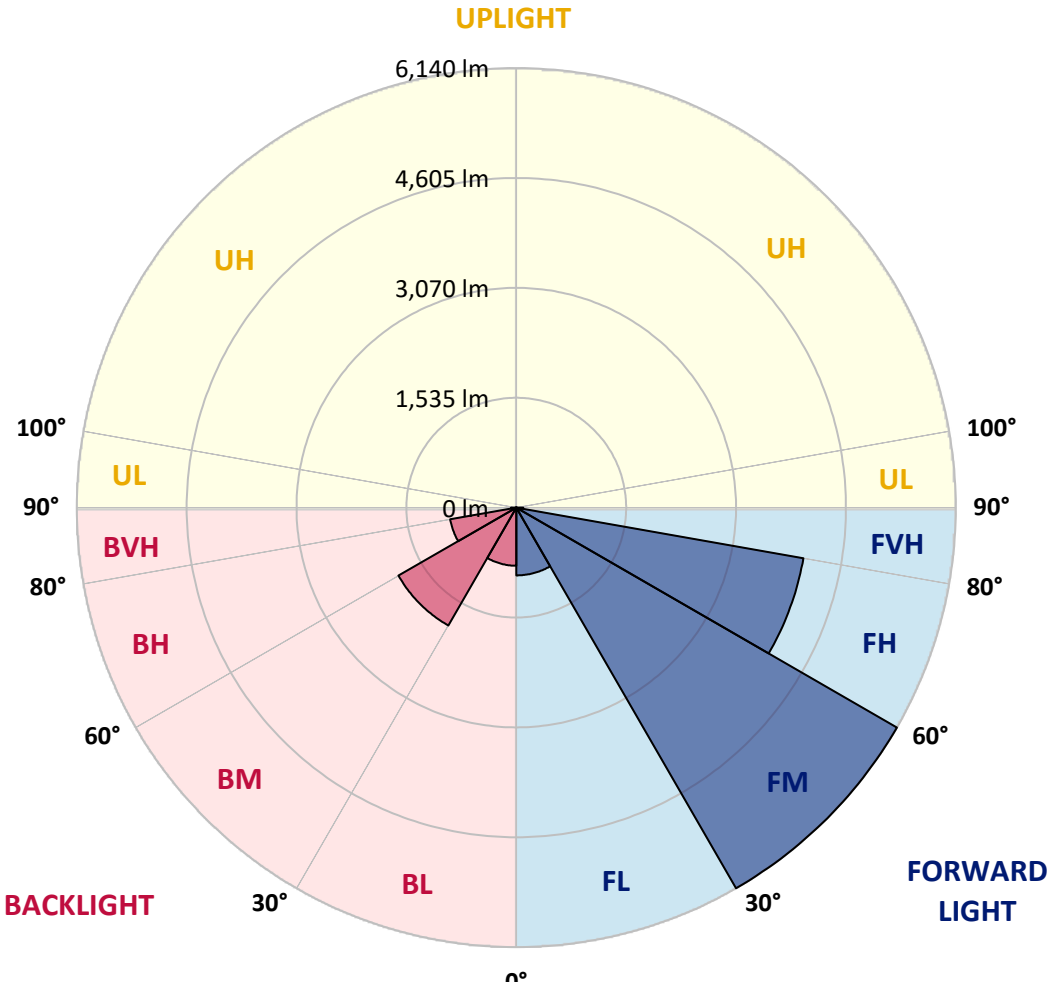
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	946.8	6.3			
FM	(30°-60°)	6140.3	41.0			
FH	(60°-80°)	4073.1	27.2			G2/5000
FVH	(80°-90°)	98.1	0.7			G1/100
BL	(0°-30°)	811.6	5.4	B2/1000		
BM	(30°-60°)	1901.7	12.7	B2/2500		
BH	(60°-80°)	937.6	6.3	B2/1000		G2/1000
BVH	(80°-90°)	74.9	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	1661.9	1661.9	1661.9	1661.9	1661.9	1661.9	1661.9	1661.9	*1661.9*	1661.9	1661.9
2.5°	1644.6	1654.1	1651.7	1647.8	1647.0	1648.5	1650.9	1653.3	*1652.5*	1656.4	1662.7
5°	1639.9	1649.3	1648.5	1648.5	1651.7	1658.0	1661.9	1665.9	*1661.9*	1666.6	1675.3
7.5°	1643.0	1650.1	1653.3	1656.4	1664.3	1676.1	1685.5	1694.2	*1689.5*	1695.0	1706.0
10°	1683.2	1688.7	1691.8	1691.8	1697.4	1710.7	1720.2	1735.9	*1732.0*	1740.7	1754.8
12.5°	1756.4	1761.9	1761.9	1758.8	1762.7	1771.4	1774.5	1791.8	*1784.7*	1798.9	1813.1
15°	1846.1	1857.2	1848.5	1843.0	1844.6	1853.2	1852.4	1865.8	*1858.7*	1870.5	1883.1
17.5°	1945.3	1959.5	1945.3	1944.6	1941.4	1950.9	1951.6	1963.4	*1950.9*	1959.5	1968.2
20°	2062.6	2082.3	2070.5	2074.5	2067.4	2071.3	2075.2	2092.6	*2072.9*	2079.2	2076.8
22.5°	2228.0	2251.6	2239.0	2253.9	2249.2	2246.1	2245.3	2276.0	*2245.3*	2247.7	2224.8
25°	2468.9	2497.2	2475.2	2495.6	2495.6	2505.9	2517.7	2557.0	*2505.9*	2490.9	2431.9
27.5°	2824.7	2853.1	2809.8	2822.4	2818.4	2843.6	2831.0	2928.6	*2873.5*	2849.1	2730.2
30°	3253.0	3303.4	3221.5	3218.4	3214.4	3254.6	3272.7	3337.2	*3281.3*	3256.9	3113.6
32.5°	3715.9	3768.7	3671.0	3642.7	3627.7	3652.1	3637.2	3689.1	*3650.6*	3612.8	3435.6
35°	4205.6	4257.5	4164.6	4109.5	4049.7	3998.5	3945.0	3958.4	*3922.2*	3864.7	3681.3
37.5°	4668.5	4763.8	4665.4	4606.3	4496.1	4396.1	4246.5	4184.3	*4150.5*	4097.7	3912.7
40°	5140.1	5194.4	5119.6	5069.2	4949.6	4792.9	4553.6	4422.1	*4376.4*	4325.3	4168.6
42.5°	5487.3	5539.2	5499.1	5464.4	5370.7	5188.9	4879.5	4715.0	*4648.8*	4591.3	4458.3
45°	5762.8	5801.4	5776.2	5788.8	5748.6	5572.3	5217.2	5029.1	*4960.6*	4890.5	4785.8
47.5°	5873.8	5914.7	5954.9	6029.7	6098.2	5968.3	5580.2	5369.2	*5296.7*	5225.1	5122.0
50°	5861.2	5902.9	6019.5	6178.5	6391.0	6347.7	5962.8	5731.3	*5664.4*	5582.5	5487.3
52.5°	5760.4	5807.7	5957.3	6221.8	6560.3	6631.9	6352.5	6105.3	*6042.3*	5944.7	5849.4
55°	5495.9	5524.3	5748.6	6123.4	6600.5	6830.3	6734.3	6503.6	*6440.6*	6304.4	6200.5
57.5°	5005.5	5046.4	5373.1	5858.1	6499.7	6965.0	7069.7	6922.5	*6861.8*	6665.8	6557.2
60°	4365.4	4430.7	4804.7	5412.5	6243.0	6964.2	7374.3	7334.2	*7283.8*	7021.6	6908.3
62.5°	3641.1	3716.7	4076.5	4782.7	5794.3	6766.6	7564.9	7679.0	*7653.0*	7349.9	7205.1
65°	2796.4	2848.3	3206.5	3967.8	5096.0	6342.2	7586.9	7914.4	*7919.1*	7599.5	7360.2
67.5°	*1861.9*	*2011.5*	*2322.4*	*2977.4*	*4160.7*	*5648.7*	*7393.2*	*7953.0*	*7998.6*	*7685.3*	*7282.2*
70°	908.5	1105.3	1410.0	1935.1	2977.4	4585.1	6887.0	7636.5	*7738.1*	7435.0	6817.7
72.5°	377.1	440.9	607.0	955.0	1709.2	3094.0	5869.9	6778.4	*6966.5*	6587.9	5732.1
75°	254.3	275.5	347.2	489.7	778.6	1525.7	4233.1	5054.3	*5357.4*	4975.5	4067.0
77.5°	196.0	209.4	252.7	342.5	462.9	577.1	2265.8	3045.9	*3202.6*	2964.9	2116.2
80°	154.3	164.5	188.9	249.6	328.3	308.6	772.3	1380.1	*1470.6*	1233.6	680.2
82.5°	133.8	137.8	135.4	169.3	218.1	180.3	253.5	509.4	*562.1*	407.8	222.0
85°	96.8	107.9	112.6	104.7	115.7	91.3	103.9	180.3	*198.4*	177.1	125.2
87.5°	39.4	58.3	71.6	67.7	42.5	26.0	32.3	52.7	*60.6*	66.1	40.9
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°	1661.9	1661.9	1661.9	1661.9	1661.9	1661.9	1661.9	1661.9	1661.9	1661.9	1661.9
2.5°	1663.5	1669.0	1672.9	1677.7	1680.8	1685.5	1695.0	1700.5	1701.3	1705.2	1704.4
5°	1678.5	1686.3	1695.0	1707.6	1721.8	1733.6	1751.7	1764.3	1769.0	1772.9	1772.1
7.5°	1710.7	1721.8	1737.5	1759.5	1780.0	1795.8	1817.8	1832.8	1847.7	1853.2	1854.0
10°	1758.8	1774.5	1797.3	1827.2	1849.3	1869.8	1892.6	1905.2	1920.1	1926.4	1929.6
12.5°	1818.6	1835.1	1865.0	1906.8	1927.2	1941.4	1949.3	1946.1	1949.3	1954.8	1956.4
15°	1887.1	1905.2	1939.0	1983.9	1998.1	1985.5	1968.2	1952.4	1950.1	1951.6	1957.1
17.5°	1968.2	1981.6	2020.9	2058.7	2048.5	1996.5	1958.7	1933.5	1920.9	1917.0	1922.5
20°	2081.5	2081.5	2113.8	2137.4	2068.9	1980.8	1921.7	1880.8	1854.8	1843.8	1841.4
22.5°	2219.3	2206.7	2227.2	2210.6	2065.0	1936.7	1854.8	1784.0	1744.6	1728.8	1726.5
25°	2394.1	2379.1	2373.6	2271.3	2036.7	1866.6	1733.6	1647.8	1613.1	1604.5	1606.0
27.5°	2657.8	2620.0	2548.4	2304.3	1984.7	1756.4	1591.9	1512.3	1492.7	1493.4	1495.8
30°	3008.9	2933.4	2757.8	2309.8	1899.7	1600.5	1447.0	1390.3	1380.9	1384.8	1398.2
32.5°	3334.1	3262.4	2971.9	2284.7	1769.0	1447.8	1317.1	1279.3	1265.1	1269.9	1276.2
35°	3589.2	3569.5	3170.3	2249.2	1608.4	1304.5	1200.6	1168.3	1140.8	1134.5	1139.2
37.5°	3830.1	3822.2	3319.1	2199.6	1449.4	1202.9	1106.9	1064.4	1024.2	1002.2	1003.0
40°	4094.6	4086.7	3416.7	2123.3	1308.4	1114.8	1022.7	966.8	917.2	877.0	881.0
42.5°	4392.2	4345.7	3463.2	2013.8	1188.8	1040.0	954.2	878.6	813.2	776.2	778.6
45°	4717.3	4612.6	3462.4	1874.5	1088.0	971.5	881.0	773.9	713.3	678.6	677.1
47.5°	5062.1	4867.7	3419.9	1720.2	990.4	895.9	767.6	685.7	645.6	624.3	619.6
50°	5418.0	5106.2	3347.5	1543.0	890.4	810.1	696.7	640.8	610.1	590.5	583.4
52.5°	5752.6	5322.7	3260.1	1342.3	788.8	726.6	665.2	621.9	589.7	567.6	558.2
55°	6063.5	5509.3	3136.5	1136.8	706.2	670.8	650.3	614.1	577.1	551.1	540.9
57.5°	6339.9	5630.5	2923.1	943.9	647.1	632.2	634.5	600.7	558.2	536.1	522.0
60°	6569.8	5719.5	2607.4	765.2	599.1	594.4	610.1	575.5	525.9	500.7	489.7
62.5°	6707.5	5717.9	2220.1	626.7	558.2	559.7	577.9	544.0	493.6	470.0	462.9
65°	6695.7	5577.8	1795.0	536.1	518.8	520.4	544.0	509.4	466.9	452.7	451.9
67.5°	*6458.8*	*5236.1*	*1376.9*	*477.1*	*475.5*	*482.6*	*510.1*	*485.7*	*450.3*	*448.7*	*451.1*
70°	5817.1	4526.8	992.0	429.8	430.6	440.9	477.1	470.8	441.7	444.8	444.0
72.5°	4664.6	3451.4	666.0	380.3	381.0	397.6	445.6	459.0	433.0	474.7	481.0
75°	3106.6	2152.4	428.3	327.5	328.3	349.5	418.0	436.1	409.4	473.1	477.1
77.5°	1492.7	967.6	310.2	275.5	275.5	295.2	361.4	390.5	348.8	367.7	337.0
80°	515.7	363.7	244.1	222.0	217.3	230.7	304.7	338.5	300.7	277.1	259.8
82.5°	203.1	188.9	196.0	172.4	156.7	165.3	237.0	279.5	221.2	200.0	199.2
85°	116.5	122.8	138.6	114.2	90.5	101.6	174.0	200.8	166.9	147.2	150.4
87.5°	31.5	43.3	63.8	59.0	40.9	43.3	82.7	111.0	96.0	74.0	76.4
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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SS

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(END OF REPORT)