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: P1203388

Luminaire Tested: GWC-SB2C-735-U-T4W-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203388
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-2)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2C-735-U-T4W-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV WIDE OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11535 lumens
Efficiency:	N/A
Efficacy:	114.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - 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

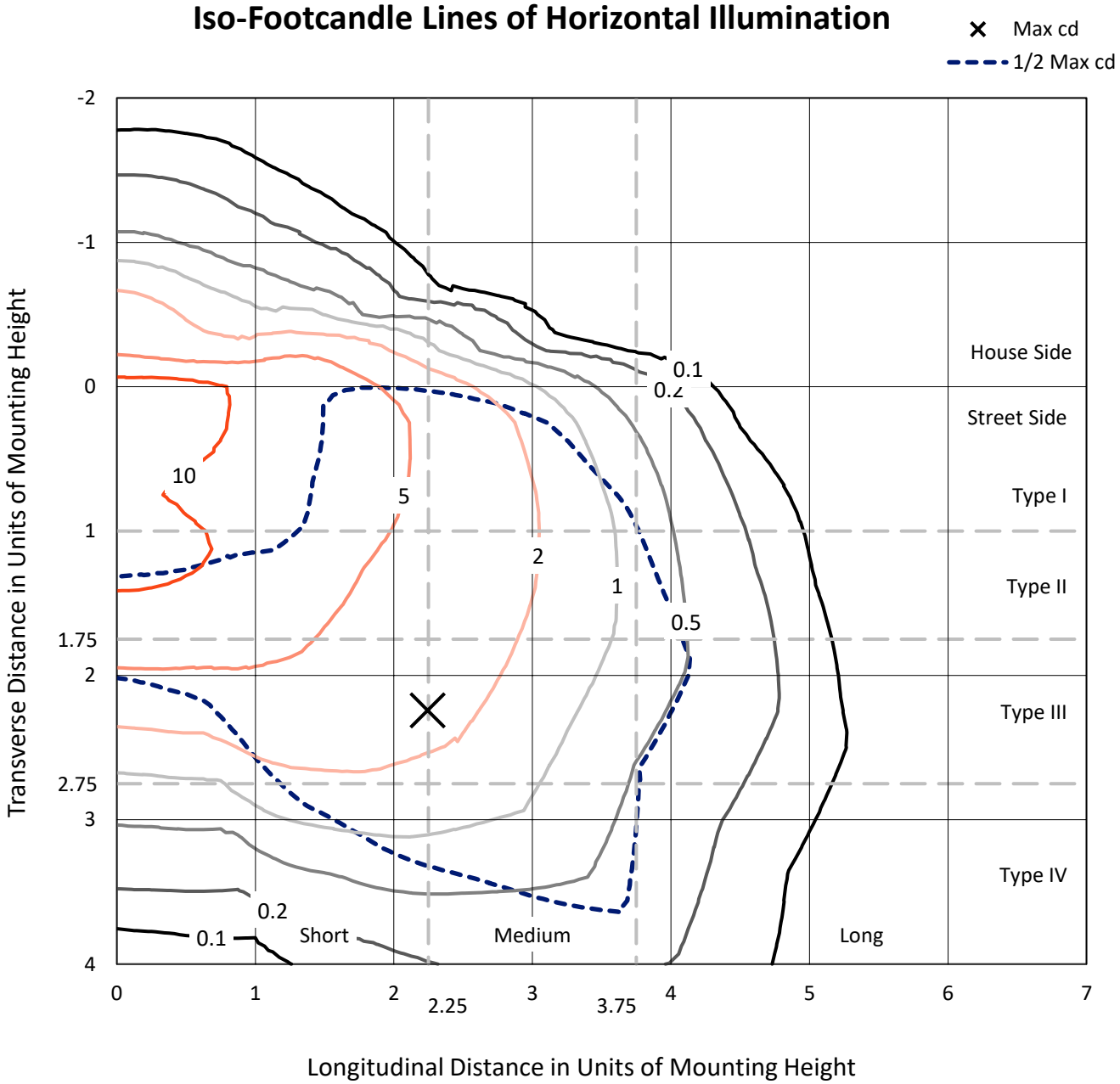


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Iso-Footcandle Lines of Horizontal Illumination



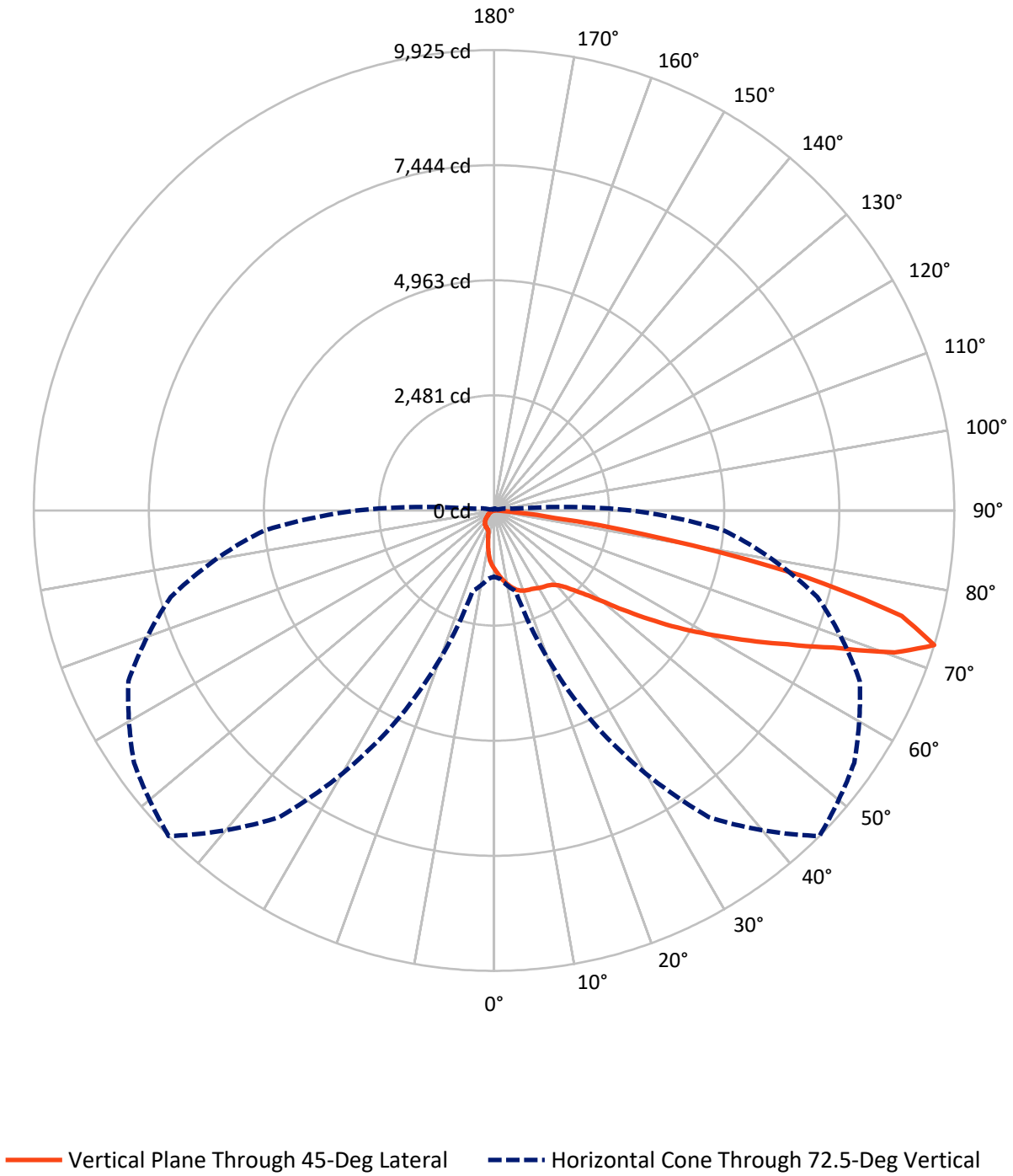
Based on 10 foot mounting height. Maximum calculated value = 17.4 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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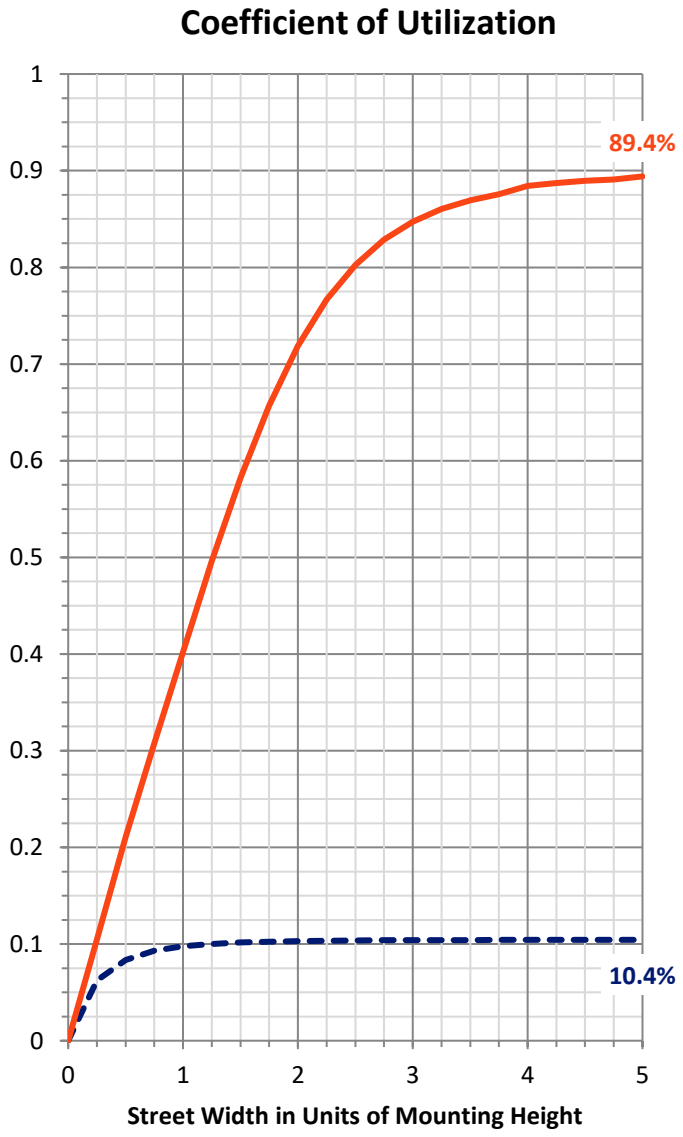
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1212.0	0.0	1212.0
	% Fixture	10.5	0.0	10.5
Street Side	Lumens	10323.0	0.0	10323.0
	% Fixture	89.5	0.0	89.5
Total	Lumens	11535.0	0.0	11535.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	119.1	1.0
10°-20°	348.0	3.0
20°-30°	571.4	5.0
30°-40°	810.4	7.0
40°-50°	1339.5	11.6
50°-60°	2406.3	20.9
60°-70°	3341.3	29.0
70°-80°	2423.7	21.0
80°-90°	175.2	1.5
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°	11535.0	100.0
0°-180°	11535.0	100.0



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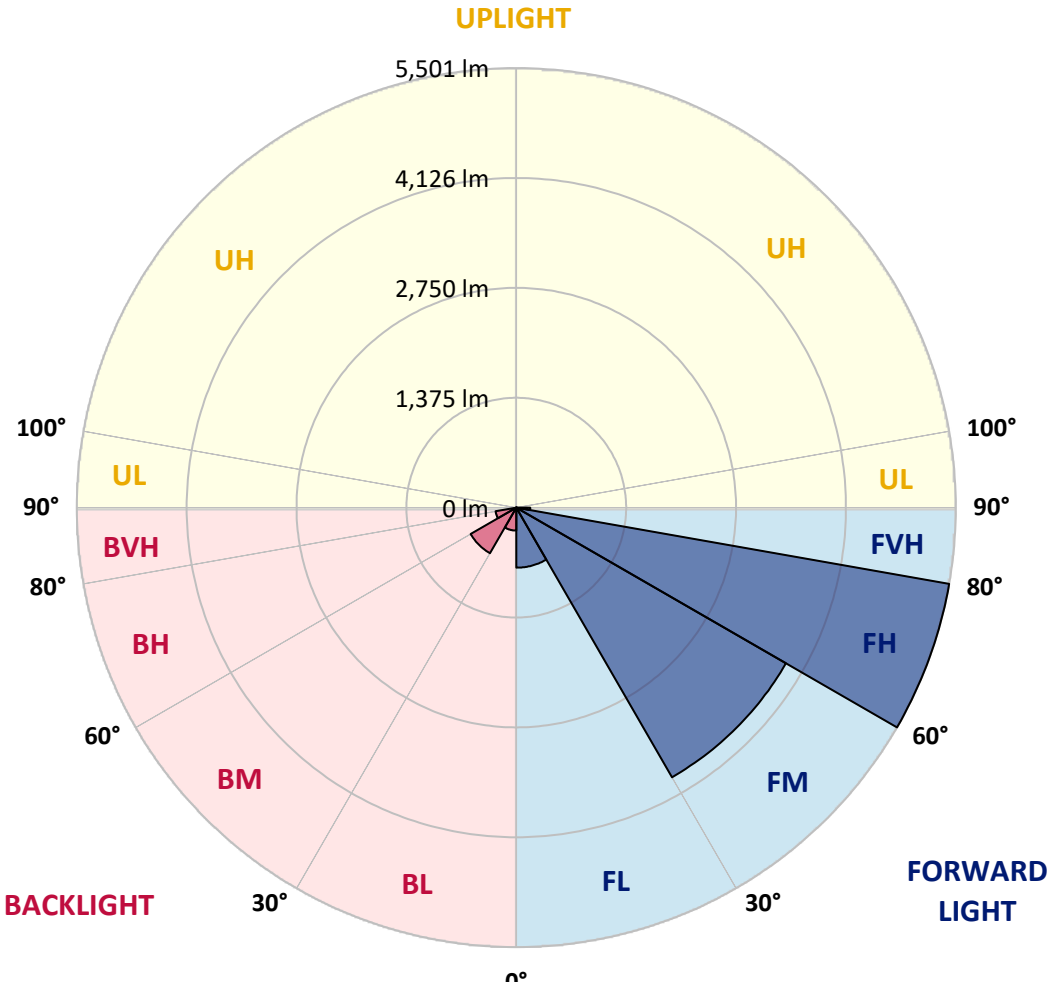
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	751.4	6.5			
FM	(30°-60°)	3897.1	33.8			
FH	(60°-80°)	5500.7	47.7			G3/7500
FVH	(80°-90°)	173.8	1.5			G2/225
BL	(0°-30°)	287.1	2.5	B1/500		
BM	(30°-60°)	659.2	5.7	B1/1000		
BH	(60°-80°)	264.3	2.3	B1/500		G1/500
BVH	(80°-90°)	1.5	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°	85°
0°	1263.7	1263.7	1263.7	1263.7	1263.7	*1263.7*	1263.7	1263.7	1263.7	1263.7	1263.7
2.5°	1380.2	1382.6	1381.0	1371.5	1355.8	*1347.1*	1342.4	1326.7	1316.4	1298.3	1279.4
5°	1507.0	1516.4	1510.9	1492.0	1462.1	*1440.8*	1434.5	1402.3	1373.1	1339.3	1299.9
7.5°	1641.6	1646.3	1636.1	1611.7	1571.5	*1535.3*	1529.8	1484.9	1438.5	1386.5	1333.0
10°	1758.1	1763.6	1747.9	1712.5	1666.8	*1621.9*	1614.1	1564.4	1509.3	1445.6	1377.1
12.5°	1855.8	1861.3	1840.8	1798.3	1747.9	*1701.4*	1693.6	1641.6	1581.0	1510.1	1425.1
15°	1929.8	1940.0	1912.5	1866.8	1812.5	*1766.0*	1762.1	1710.9	1651.8	1573.1	1482.6
17.5°	1973.1	1983.3	1957.3	1902.2	1855.8	*1816.4*	1811.7	1769.2	1714.0	1638.5	1538.5
20°	1980.2	1989.6	1962.1	1914.0	1875.4	*1844.0*	1841.6	1810.9	1770.7	1698.3	1599.1
22.5°	1958.9	1970.7	1945.5	1906.9	1880.2	*1863.6*	1860.5	1843.2	1820.3	1758.9	1655.8
25°	1936.9	1946.3	1927.4	1893.6	1879.4	*1877.8*	1880.2	1877.0	1872.3	1820.3	1721.9
27.5°	1935.3	1945.5	1924.3	1892.0	1884.1	*1900.6*	1903.0	1918.0	1921.9	1876.2	1785.7
30°	1948.7	1955.8	1935.3	1901.4	1897.5	*1935.3*	1936.1	1962.8	1969.1	1923.5	1848.7
32.5°	1977.8	1985.7	1965.2	1915.6	1910.1	*1962.8*	1965.2	2000.6	2010.9	1973.9	1914.8
35°	2046.3	2055.7	2032.1	1955.0	1935.3	*1988.8*	1995.9	2037.6	2058.1	2027.4	1983.3
37.5°	2217.2	2189.6	2157.3	2034.5	1992.8	*2029.8*	2041.6	2090.4	2126.6	2091.2	2065.2
40°	2641.5	2554.9	2454.1	2169.9	2093.5	*2117.2*	2126.6	2175.4	2225.0	2190.4	2177.8
42.5°	3278.5	3176.1	3013.9	2481.7	2245.5	*2257.3*	2264.4	2306.9	2377.0	2349.4	2352.6
45°	3846.2	3809.2	3643.8	3013.9	2529.7	*2471.5*	2480.1	2502.2	2605.3	2595.1	2615.5
47.5°	4282.4	4261.1	4133.5	3624.9	3010.0	*2733.7*	2758.1	2768.3	2917.1	2953.3	3008.4
50°	4617.8	4609.9	4495.7	4168.2	3637.5	*3120.2*	3128.9	3106.9	3329.7	3419.4	3524.1
52.5°	4934.3	4961.0	4876.8	4672.9	4307.5	*3626.5*	3624.9	3521.0	3821.8	3957.2	4135.9
55°	5220.1	5229.5	5238.2	5187.8	4981.5	*4202.8*	4187.9	4017.8	4392.6	4532.7	4726.4
57.5°	5488.6	5492.5	5569.7	5672.8	5683.0	*4821.7*	4794.1	4590.2	5016.2	5116.1	5235.0
60°	5668.9	5687.0	5850.0	6136.5	6261.7	*5460.2*	5445.3	5237.4	5650.8	5697.2	5675.2
62.5°	5409.0	5519.3	5930.3	6498.7	6808.1	*6168.0*	6161.0	5965.7	6318.4	6280.6	6091.7
65°	4378.4	4565.0	5287.8	6743.6	7344.3	*6958.5*	6968.8	6760.9	7004.2	6881.4	6430.2
67.5°	3062.8	3259.6	4114.6	6763.3	7943.5	*7886.8*	7945.9	7619.9	7732.5	7456.9	6510.5
70°	2117.9	2219.5	2776.2	6339.7	8410.4	*9165.4*	9163.9	8674.9	8456.8	7719.1	6101.1
72.5°	*1424.3*	*1477.1*	*1803.0*	*5029.5*	*8067.1*	*9925.2*	*9879.6*	*9481.2*	*8700.9*	*7219.1*	*4984.7*
75°	600.7	639.3	834.6	2826.6	6382.2	*9080.4*	8956.8	8378.9	7730.9	5684.6	3110.0
77.5°	190.5	207.1	329.1	1011.7	3515.5	*6825.5*	6694.8	5232.7	5181.5	2851.8	1136.9
80°	90.5	105.5	185.0	406.3	1383.4	*3712.3*	3694.2	2373.8	2229.0	770.0	228.3
82.5°	39.4	46.5	102.4	217.3	618.9	*1324.3*	1351.1	807.8	668.5	292.1	70.1
85°	12.6	16.5	47.2	100.0	261.4	*329.1*	325.2	192.1	269.3	159.0	24.4
87.5°	0.0	0.0	15.7	22.8	26.8	*18.9*	21.3	16.5	74.8	44.1	8.7
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°	1263.7	1263.7	1263.7	1263.7	1263.7	1263.7	1263.7	1263.7	1263.7	1263.7	1263.7
2.5°	1270.0	1257.4	1235.3	1214.9	1196.8	1178.7	1167.6	1151.9	1150.3	1150.3	1154.2
5°	1278.6	1258.2	1218.8	1177.1	1129.0	1083.4	1037.7	993.6	979.5	969.2	973.9
7.5°	1303.8	1271.6	1209.4	1129.8	1038.5	938.5	868.4	792.9	763.7	748.0	750.3
10°	1340.1	1296.0	1201.5	1062.1	914.1	777.9	677.9	596.0	564.5	551.1	551.1
12.5°	1380.2	1325.9	1187.3	977.9	777.9	614.9	517.3	479.5	474.8	474.8	474.8
15°	1428.2	1362.1	1162.9	878.7	635.4	486.6	451.9	453.5	458.2	461.4	461.4
17.5°	1477.8	1400.7	1124.3	767.7	509.4	437.8	438.5	440.9	444.8	448.0	448.0
20°	1531.4	1439.3	1073.1	649.6	437.0	423.6	426.0	428.3	431.5	433.0	433.8
22.5°	1588.9	1475.5	1012.5	533.8	412.6	411.8	412.6	414.9	418.9	418.9	420.4
25°	1650.3	1515.6	943.2	449.6	400.0	400.0	401.5	403.1	406.3	406.3	407.1
27.5°	1713.3	1552.6	870.0	405.5	388.9	388.2	388.2	390.5	392.1	392.9	393.7
30°	1782.5	1595.9	796.8	396.0	380.3	376.3	374.0	375.6	377.1	377.9	379.5
32.5°	1853.4	1637.7	731.4	400.0	371.6	364.5	356.7	355.1	355.1	358.2	360.6
35°	1932.1	1683.3	681.1	413.4	366.9	347.2	334.6	327.5	328.3	333.0	335.4
37.5°	2026.6	1738.5	644.0	425.2	363.8	327.5	307.1	298.4	292.9	298.4	296.8
40°	2150.2	1819.5	617.3	434.6	359.8	304.7	277.1	263.0	252.7	255.9	254.3
42.5°	2332.1	1947.1	607.0	435.4	351.2	277.9	246.4	227.5	212.6	213.4	210.2
45°	2587.2	2148.7	659.8	425.2	332.3	248.8	214.2	189.0	179.5	177.2	174.0
47.5°	2936.8	2442.3	781.8	403.9	304.7	220.5	182.7	161.4	154.3	150.4	148.0
50°	3405.3	2819.5	917.3	380.3	277.1	193.7	156.7	143.3	138.6	134.6	133.8
52.5°	3948.5	3202.1	1028.3	356.7	249.6	170.1	140.1	132.3	128.3	125.2	124.4
55°	4446.9	3465.9	1022.0	331.5	222.8	151.2	128.3	123.6	118.9	115.7	114.2
57.5°	4757.1	3502.9	842.5	303.9	192.1	136.2	117.3	114.2	108.7	104.7	103.9
60°	4899.6	3291.9	590.5	267.7	161.4	122.0	105.5	103.9	96.8	91.3	89.8
62.5°	4925.6	2899.8	393.7	222.8	134.6	108.7	93.7	91.3	81.9	72.4	67.7
65°	4820.1	2339.2	272.4	174.0	115.0	94.5	80.3	75.6	65.3	55.9	52.8
67.5°	4486.3	1642.4	189.7	125.2	97.6	74.8	63.8	62.2	54.3	46.5	44.1
70°	3874.5	936.1	126.8	93.7	77.2	51.2	50.4	52.0	44.1	37.8	34.6
72.5°	*2970.6*	*428.3*	*78.7*	*68.5*	*52.8*	*34.6*	*40.2*	*40.9*	*33.9*	*28.3*	*25.2*
75°	1748.7	183.5	49.6	44.1	26.8	22.8	29.1	29.9	22.8	18.1	15.7
77.5°	595.2	69.3	31.5	26.0	13.4	12.6	18.9	18.9	12.6	7.1	5.5
80°	135.4	26.0	15.7	10.2	6.3	5.5	6.3	5.5	3.1	0.8	0.0
82.5°	38.6	10.2	6.3	3.9	2.4	2.4	0.8	0.0	0.0	0.0	0.0
85°	11.0	4.7	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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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(END OF REPORT)