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: P1202250

Luminaire Tested: GWC-SB1D-735-U-SL2-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202250
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-11)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1D-735-U-SL2-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE II SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8291 lumens
Efficiency:	N/A
Efficacy:	104.2 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	79.6
Input Voltage (V):	120.0
Input Current (Ain):	0.638
Voltage Rise (V):	NR
Power Factor:	0.997
Total Harmonic Distortion (THDi):	6.673
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

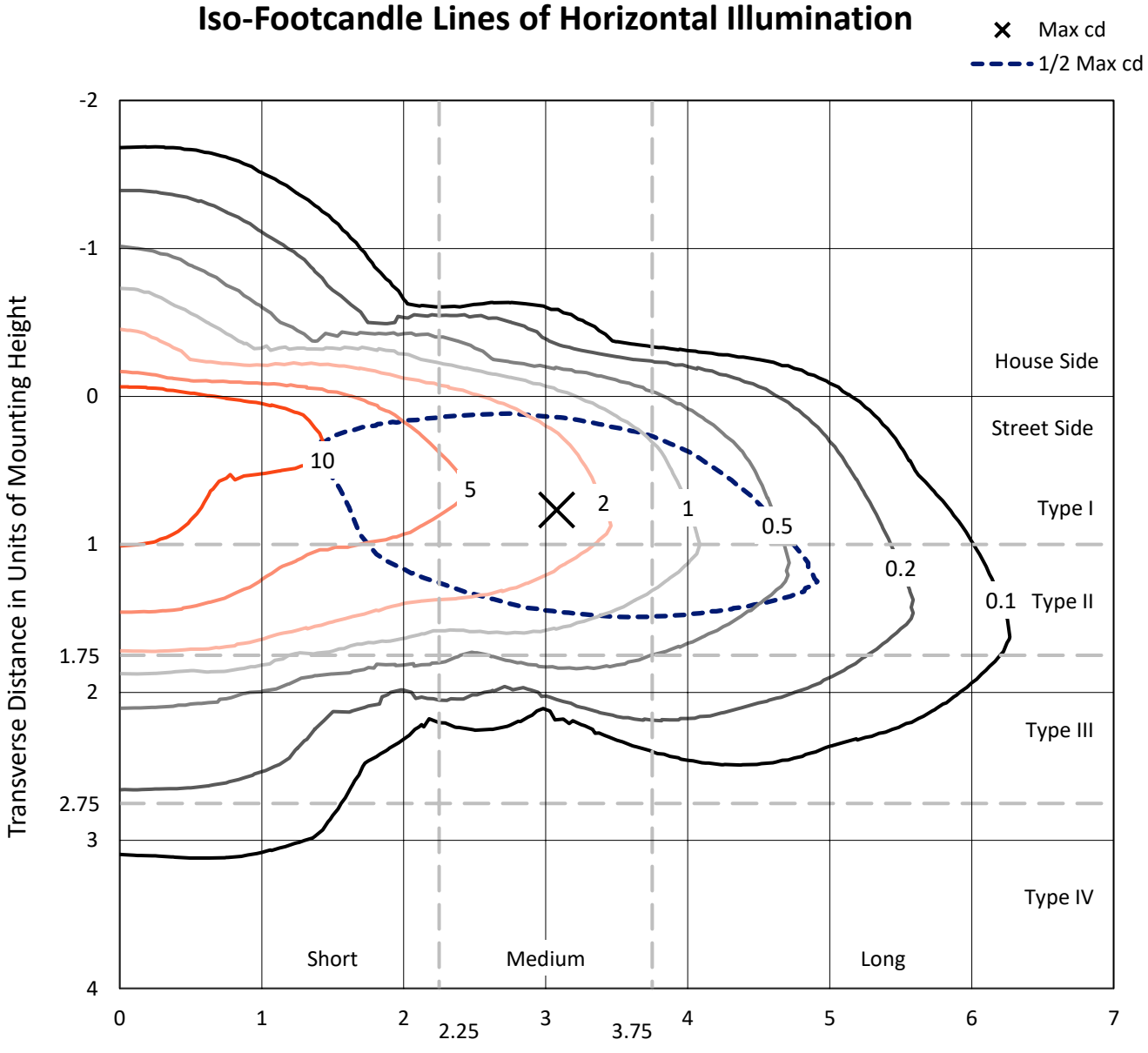


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Iso-Footcandle Lines of Horizontal Illumination



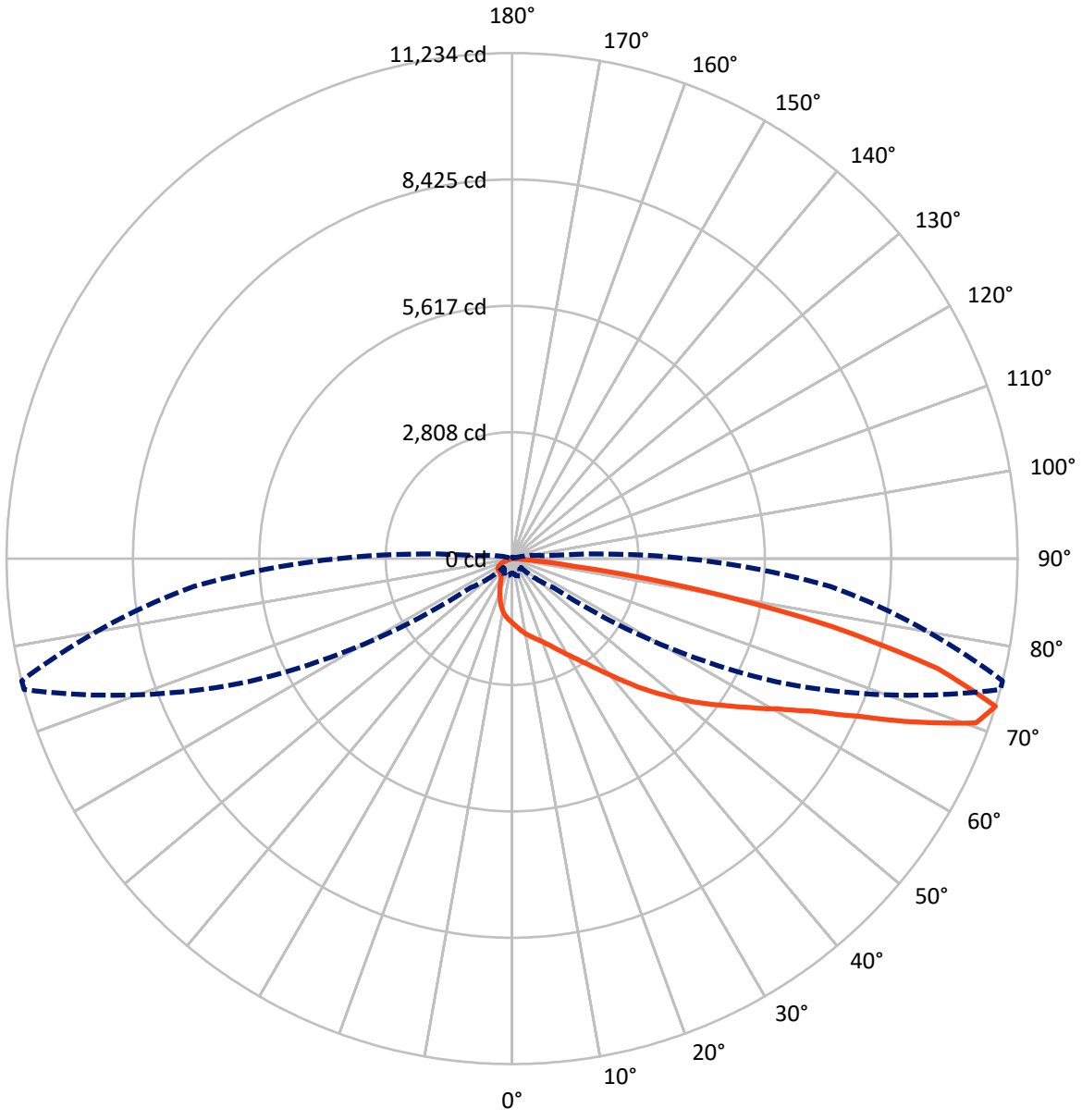
Based on 10 foot mounting height. Maximum calculated value = 18.9 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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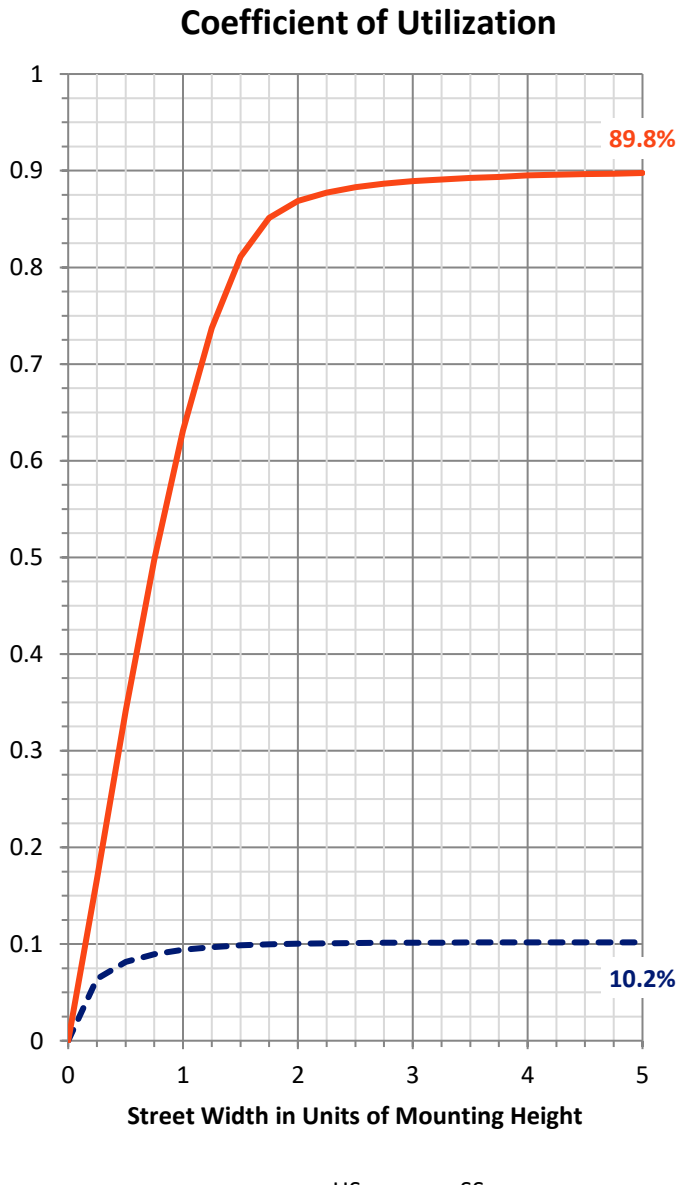
REPORT NUMBER: P1202250
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	848.6	0.0	848.6
	% Fixture	10.2	0.0	10.2
Street Side	Lumens	7442.4	0.0	7442.4
	% Fixture	89.8	0.0	89.8
Total	Lumens	8291.0	0.0	8291.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	130.3	1.6
10°-20°	349.4	4.2
20°-30°	553.0	6.7
30°-40°	855.6	10.3
40°-50°	1299.5	15.7
50°-60°	1791.5	21.6
60°-70°	1892.6	22.8
70°-80°	1298.3	15.7
80°-90°	120.8	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°	8291.0	100.0
0°-180°	8291.0	100.0



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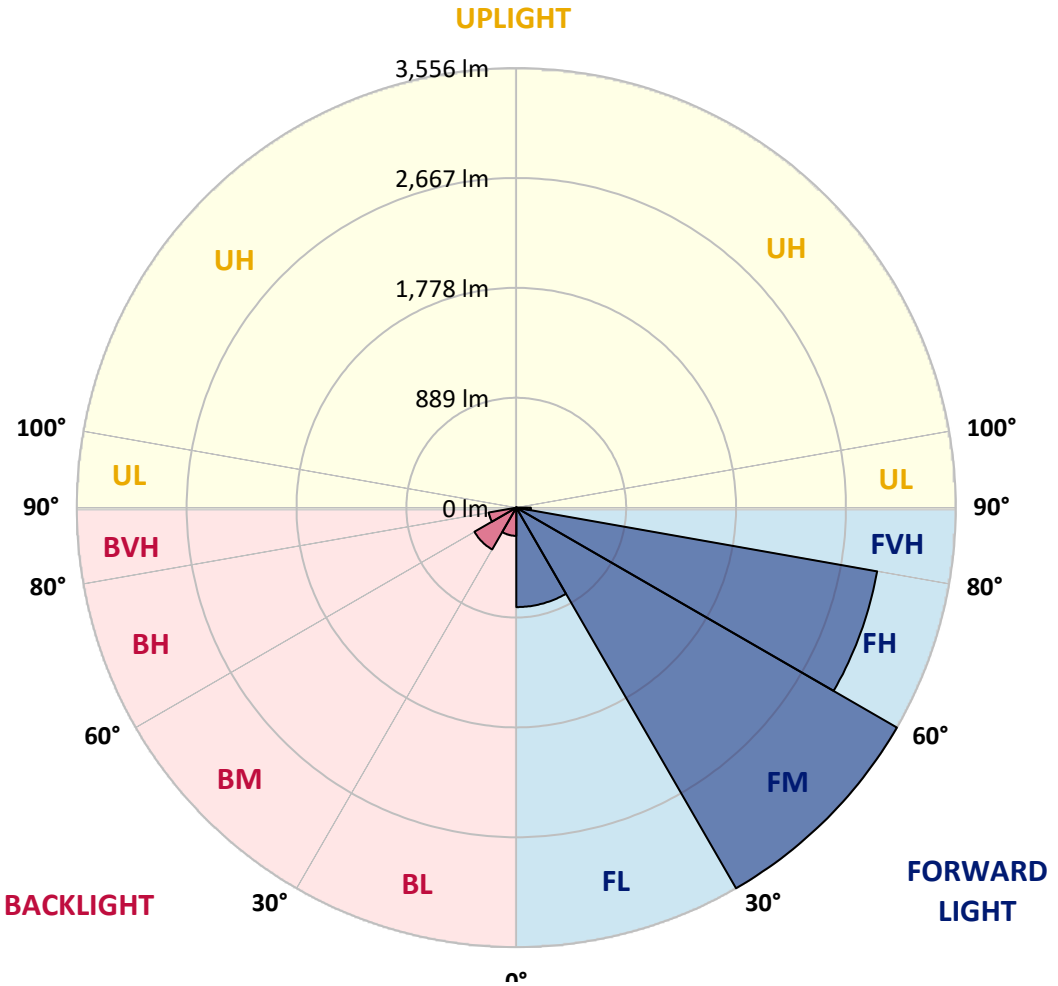
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	804.6	9.7			
FM	(30°-60°)	3555.8	42.9			
FH	(60°-80°)	2964.4	35.8			G2/5000
FVH	(80°-90°)	117.6	1.4			G2/225
BL	(0°-30°)	228.1	2.8	B1/500		
BM	(30°-60°)	390.7	4.7	B1/1000		
BH	(60°-80°)	226.5	2.7	B1/500		G1/500
BVH	(80°-90°)	3.3	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-G2
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	1432.8	1432.8	1432.8	1432.8	1432.8	1432.8	1432.8	1432.8	1432.8	*1432.8*	1432.8
2.5°	1665.6	1643.6	1647.9	1625.8	1615.6	1590.9	1565.1	1531.2	1493.5	*1493.5*	1457.0
5°	1841.0	1827.0	1827.0	1801.2	1781.3	1742.5	1696.3	1636.6	1565.6	*1558.6*	1489.2
7.5°	1948.5	1939.9	1945.3	1930.2	1914.1	1873.8	1818.9	1740.9	1640.4	*1631.8*	1527.4
10°	1969.5	1969.0	1984.0	1988.3	1999.1	1978.6	1929.7	1839.9	1714.0	*1701.7*	1560.2
12.5°	1888.3	1878.1	1915.2	1958.7	2020.1	2047.5	2022.2	1930.2	1781.3	*1764.1*	1590.9
15°	1754.9	1757.1	1792.6	1859.8	1962.0	2059.9	2092.7	2018.4	1849.6	*1829.1*	1619.9
17.5°	1678.5	1670.5	1701.1	1761.4	1874.3	2012.5	2125.5	2100.7	1922.2	*1899.0*	1649.5
20°	1669.4	1668.9	1675.9	1703.3	1789.3	1944.8	2121.7	2180.9	2007.7	*1980.8*	1692.0
22.5°	1732.9	1731.8	1725.9	1720.5	1744.2	1878.6	2105.6	2257.2	2109.9	*2080.8*	1752.2
25°	1830.2	1828.6	1819.5	1786.6	1763.5	1843.1	2090.5	2328.2	2230.9	*2198.6*	1825.4
27.5°	1949.1	1948.0	1931.3	1881.8	1822.1	1846.3	2083.0	2401.4	2370.7	*2339.0*	1909.8
30°	2094.8	2092.7	2058.2	1988.3	1910.3	1897.4	2093.2	2483.7	2516.5	*2492.3*	2007.2
32.5°	2277.7	2271.8	2226.6	2121.2	2012.0	1965.7	2112.6	2568.1	2689.1	*2666.5*	2137.3
35°	2419.1	2410.0	2383.6	2290.6	2129.8	2049.6	2157.7	2668.1	2896.7	*2876.8*	2303.5
37.5°	2540.7	2531.5	2510.0	2433.6	2298.6	2156.7	2230.3	2801.5	3142.0	*3132.3*	2506.2
40°	2671.9	2656.8	2646.6	2564.9	2442.8	2311.0	2334.1	2957.5	3424.3	*3425.4*	2749.9
42.5°	2773.0	2767.1	2768.2	2705.2	2582.1	2493.9	2471.8	3133.3	3762.6	*3772.8*	3043.0
45°	2859.6	2854.8	2874.7	2830.6	2722.5	2613.8	2633.2	3332.3	4132.6	*4153.6*	3371.1
47.5°	2926.3	2931.7	2960.2	2931.7	2868.2	2698.3	2776.2	3546.9	4521.5	*4524.2*	3709.9
50°	2993.0	2995.1	3042.5	3028.5	3002.7	2805.3	2908.0	3786.8	4931.3	*4936.1*	4026.7
52.5°	3014.0	3010.7	3086.0	3120.4	3121.5	2937.6	3078.5	4048.2	5333.0	*5348.6*	4352.6
55°	2906.4	2915.5	3037.1	3176.9	3232.3	3120.4	3308.7	4378.9	5761.1	*5767.6*	4675.3
57.5°	2380.4	2431.0	2699.9	3024.2	3303.8	3382.4	3639.4	4765.6	6255.4	*6249.5*	5002.3
60°	1444.6	1504.8	1826.4	2536.4	3070.4	3645.4	4126.7	5364.8	6795.4	*6778.7*	5333.0
62.5°	807.8	826.1	928.8	1518.3	2335.2	3478.1	4602.7	6134.4	7520.4	*7463.9*	5658.4
65°	595.4	601.3	625.5	743.8	1147.7	2675.1	4498.3	7054.6	8539.0	*8438.4*	6048.3
67.5°	517.4	523.3	547.0	563.1	512.5	1405.3	3706.1	7565.0	9832.5	*9700.7*	6575.9
70°	435.6	438.9	477.0	487.8	366.8	534.6	2380.9	7407.4	11029.6	*10935.5*	7142.3
72.5°	*324.8*	*337.8*	*393.1*	*419.0*	*294.2*	*284.0*	*1120.8*	*6476.4*	*11232.4*	*11233.5*	*7104.1*
75°	220.5	232.3	295.8	344.7	227.0	199.0	452.3	4836.1	9780.8	*9780.8*	6227.4
77.5°	150.6	160.3	206.0	270.5	172.1	136.6	234.5	3069.3	7017.0	*7263.8*	4438.6
80°	66.7	72.6	132.8	196.3	130.7	88.2	132.8	1680.7	4243.4	*4191.2*	1739.9
82.5°	32.8	37.6	85.0	122.6	84.4	54.3	69.9	799.2	1375.2	*1306.9*	271.6
85°	6.5	8.6	45.7	52.2	39.3	24.2	26.4	245.8	165.6	*189.3*	57.5
87.5°	0.0	0.0	14.0	9.7	4.3	5.4	5.4	22.1	12.9	*15.1*	15.1
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°	1432.8	1432.8	1432.8	1432.8	1432.8	1432.8	1432.8	1432.8	1432.8	1432.8	1432.8
2.5°	1437.6	1417.7	1374.1	1331.1	1287.0	1246.7	1218.7	1190.7	1173.5	1166.0	1167.1
5°	1448.9	1408.6	1317.1	1221.4	1126.7	1034.2	964.9	899.8	879.3	845.5	847.6
7.5°	1466.6	1401.0	1256.9	1095.5	941.7	806.2	708.3	630.3	599.1	569.0	568.5
10°	1478.5	1387.0	1177.3	961.6	753.5	601.3	507.7	451.2	430.8	412.5	412.0
12.5°	1483.3	1361.2	1085.9	811.6	586.2	458.2	402.3	375.9	368.9	362.5	362.5
15°	1487.6	1335.9	983.7	666.9	463.1	383.5	361.4	352.8	348.0	343.7	343.7
17.5°	1491.4	1303.7	867.0	542.1	391.0	353.3	342.6	333.4	329.7	324.8	324.8
20°	1504.3	1272.5	762.6	447.5	351.7	331.8	320.0	310.3	307.1	303.9	304.4
22.5°	1528.5	1247.2	661.5	383.5	328.1	309.8	294.7	284.0	281.8	279.7	278.1
25°	1557.5	1216.0	566.3	342.1	304.9	284.5	267.8	258.7	256.5	257.1	256.0
27.5°	1594.6	1181.6	484.6	315.7	284.5	260.8	242.0	235.0	236.1	238.3	237.2
30°	1635.5	1149.9	420.6	297.4	266.2	239.9	221.0	216.2	220.0	223.2	222.1
32.5°	1696.3	1121.9	375.9	282.9	250.1	222.7	207.6	201.7	206.0	210.3	209.2
35°	1779.1	1107.9	350.7	270.5	236.1	209.2	194.2	189.9	194.2	195.2	194.7
37.5°	1880.8	1106.8	339.9	260.3	223.2	197.9	181.2	179.6	182.9	183.4	182.3
40°	2012.0	1113.8	331.8	252.8	209.8	185.0	169.4	167.8	168.9	172.6	172.1
42.5°	2178.2	1142.9	320.5	243.1	195.2	172.1	159.7	156.0	155.4	159.7	159.2
45°	2386.9	1206.9	305.5	227.5	182.3	161.3	149.0	144.7	143.1	144.1	145.7
47.5°	2614.4	1285.4	290.4	213.0	173.2	152.7	140.4	135.0	132.3	132.3	132.3
50°	2834.9	1374.1	280.2	197.9	166.7	144.7	131.2	125.9	121.5	120.5	119.9
52.5°	3053.2	1461.3	272.1	182.9	159.2	134.5	122.6	116.7	111.9	109.7	108.6
55°	3252.2	1544.1	258.2	168.3	149.5	123.7	114.0	108.1	102.2	98.4	96.8
57.5°	3443.1	1612.9	232.3	153.3	134.5	113.5	104.9	98.4	91.4	86.6	84.4
60°	3616.9	1648.4	200.1	137.1	119.4	102.7	94.7	88.7	79.6	71.5	69.4
62.5°	3749.2	1634.4	165.1	118.9	103.8	93.0	82.8	76.9	66.2	56.5	52.7
65°	3884.7	1558.1	131.8	99.5	90.9	80.1	69.4	63.5	51.1	40.9	38.2
67.5°	4060.6	1395.1	103.8	82.8	78.5	63.5	54.3	50.6	42.0	32.3	30.1
70°	4173.5	1083.7	80.7	67.2	64.5	46.3	42.0	41.4	33.3	24.7	22.1
72.5°	*3863.7*	*710.5*	*61.8*	*51.1*	*46.3*	*30.1*	*32.3*	*32.3*	*24.2*	*16.7*	*14.5*
75°	3225.3	415.7	44.6	36.6	26.4	19.4	22.1	22.1	15.1	8.1	6.5
77.5°	2303.5	221.6	29.6	22.6	13.4	8.6	11.8	11.3	4.8	0.5	0.0
80°	881.0	76.4	14.0	9.1	3.8	1.6	1.1	0.5	0.5	0.0	0.0
82.5°	134.5	19.9	2.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	24.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.4	0.0	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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SS

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(END OF REPORT)