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: P1203086

Luminaire Tested: GWC-SB2B-827-U-SL2-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203086
	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-SB2B-827-U-SL2-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 2700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH 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:	7935 lumens
Efficiency:	N/A
Efficacy:	107.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G2

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

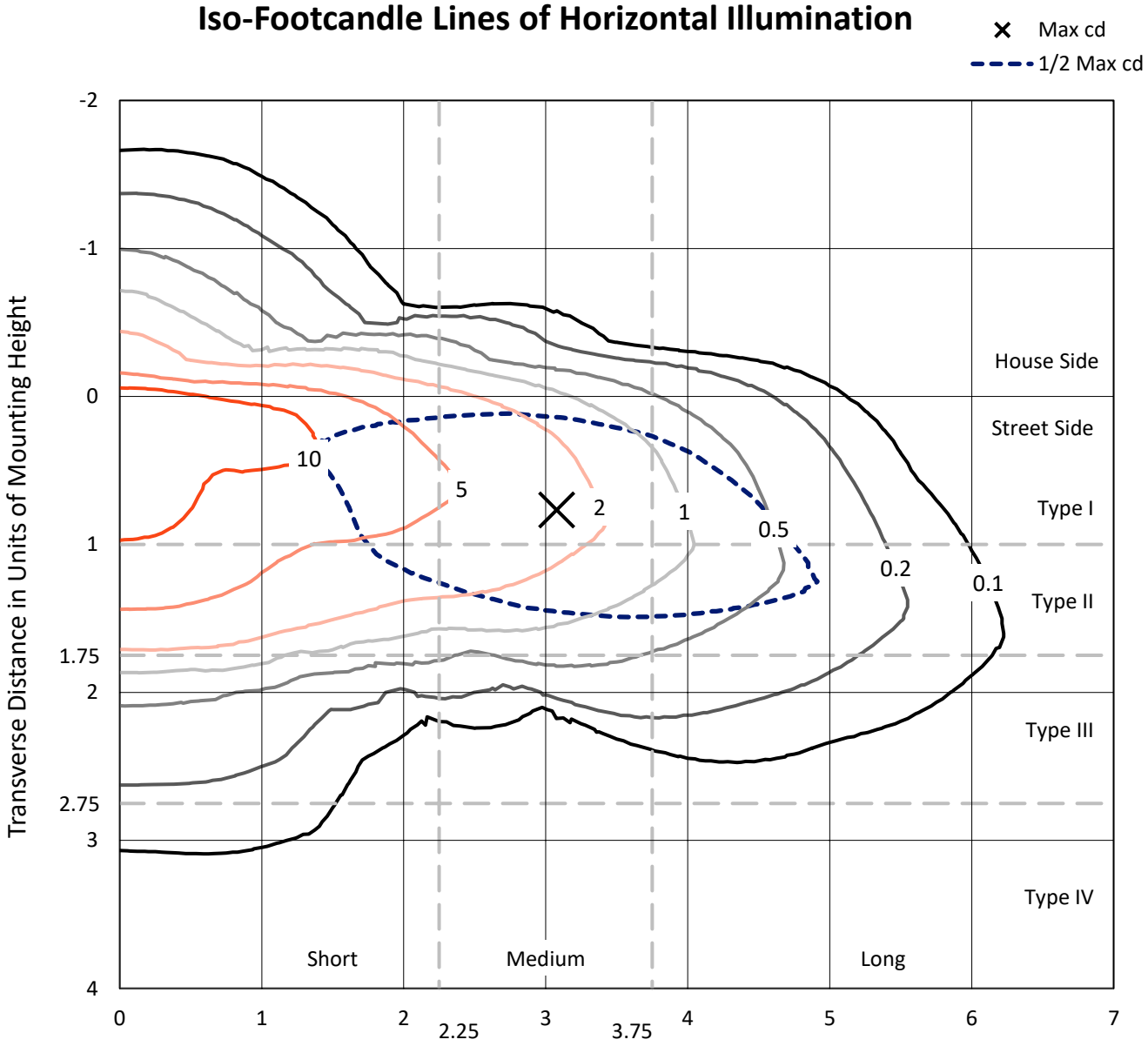


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Iso-Footcandle Lines of Horizontal Illumination



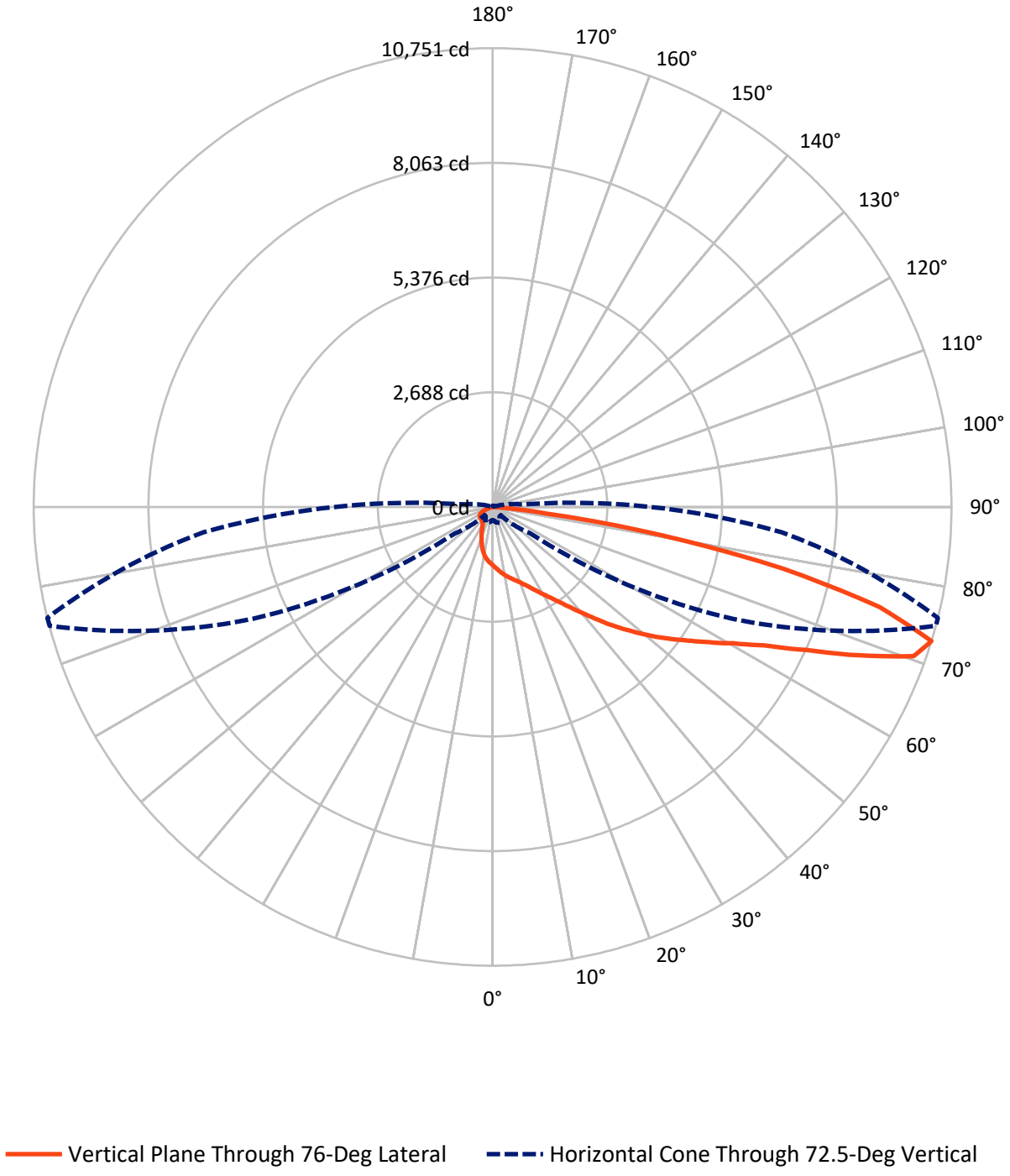
Based on 10 foot mounting height. Maximum calculated value = 18.1 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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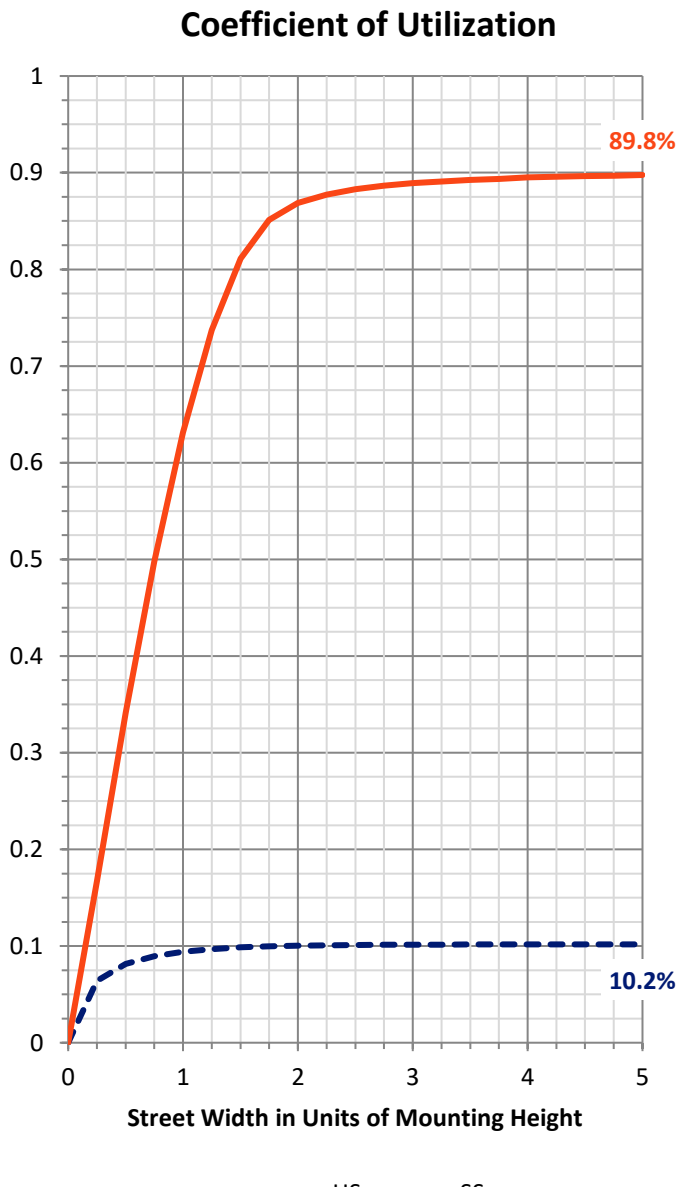
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	812.1	0.0	812.1
	% Fixture	10.2	0.0	10.2
Street Side	Lumens	7122.8	0.0	7122.8
	% Fixture	89.8	0.0	89.8
Total	Lumens	7935.0	0.0	7935.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	124.7	1.6
10°-20°	334.4	4.2
20°-30°	529.3	6.7
30°-40°	818.8	10.3
40°-50°	1243.7	15.7
50°-60°	1714.5	21.6
60°-70°	1811.3	22.8
70°-80°	1242.6	15.7
80°-90°	115.7	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°	7935.0	100.0
0°-180°	7935.0	100.0



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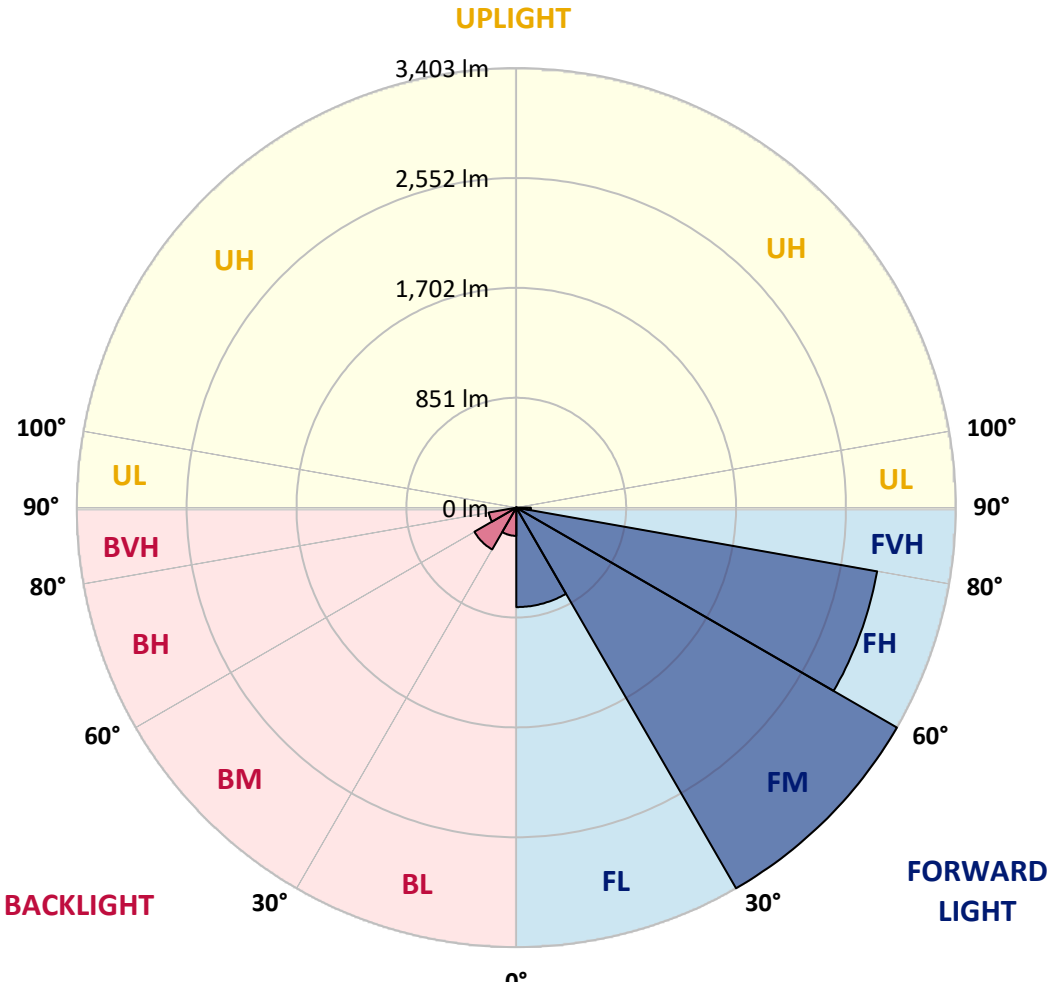
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	770.1	9.7			
FM	(30°-60°)	3403.1	42.9			
FH	(60°-80°)	2837.1	35.8			G2/5000
FVH	(80°-90°)	112.5	1.4			G2/225
BL	(0°-30°)	218.3	2.8	B1/500		
BM	(30°-60°)	373.9	4.7	B1/1000		
BH	(60°-80°)	216.8	2.7	B1/500		G1/500
BVH	(80°-90°)	3.1	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°	1371.2	1371.2	1371.2	1371.2	1371.2	1371.2	1371.2	1371.2	1371.2	*1371.2*	1371.2
2.5°	1594.1	1573.0	1577.1	1556.0	1546.2	1522.6	1497.9	1465.4	1429.4	*1429.4*	1394.4
5°	1761.9	1748.5	1748.5	1723.8	1704.8	1667.7	1623.5	1566.3	1498.4	*1491.7*	1425.3
7.5°	1864.9	1856.6	1861.8	1847.4	1831.9	1793.3	1740.8	1666.2	1569.9	*1561.7*	1461.8
10°	1884.9	1884.4	1898.8	1903.0	1913.2	1893.7	1846.8	1760.9	1640.4	*1628.6*	1493.2
12.5°	1807.2	1797.4	1832.9	1874.6	1933.3	1959.6	1935.4	1847.4	1704.8	*1688.3*	1522.6
15°	1679.6	1681.6	1715.6	1779.9	1877.7	1971.4	2002.8	1931.8	1770.2	*1750.6*	1550.4
17.5°	1606.5	1598.7	1628.1	1685.7	1793.8	1926.1	2034.2	2010.5	1839.6	*1817.5*	1578.7
20°	1597.7	1597.2	1603.9	1630.1	1712.5	1861.3	2030.6	2087.2	1921.5	*1895.7*	1619.3
22.5°	1658.5	1657.4	1651.8	1646.6	1669.3	1797.9	2015.2	2160.3	2019.3	*1991.5*	1677.0
25°	1751.6	1750.1	1741.3	1709.9	1687.8	1764.0	2000.8	2228.3	2135.1	*2104.2*	1747.0
27.5°	1865.4	1864.3	1848.4	1801.0	1743.9	1767.1	1993.5	2298.3	2268.9	*2238.6*	1827.8
30°	2004.9	2002.8	1969.9	1903.0	1828.3	1816.0	2003.3	2377.0	2408.4	*2385.3*	1921.0
32.5°	2179.9	2174.2	2131.0	2030.1	1925.6	1881.3	2021.9	2457.8	2573.6	*2552.0*	2045.5
35°	2315.2	2306.5	2281.3	2192.2	2038.3	1961.6	2065.1	2553.6	2772.3	*2753.3*	2204.6
37.5°	2431.6	2422.8	2402.2	2329.1	2200.0	2064.1	2134.6	2681.2	3007.0	*2997.8*	2398.6
40°	2557.2	2542.8	2533.0	2454.7	2337.9	2211.8	2233.9	2830.5	3277.3	*3278.3*	2631.8
42.5°	2653.9	2648.3	2649.3	2589.1	2471.2	2386.8	2365.7	2998.8	3601.0	*3610.8*	2912.3
45°	2736.8	2732.2	2751.2	2709.0	2605.6	2501.6	2520.1	3189.3	3955.2	*3975.2*	3226.3
47.5°	2800.6	2805.8	2833.1	2805.8	2745.0	2582.4	2657.0	3394.6	4327.3	*4329.9*	3550.6
50°	2864.5	2866.5	2911.8	2898.4	2873.7	2684.8	2783.1	3624.2	4719.5	*4724.2*	3853.8
52.5°	2884.5	2881.5	2953.5	2986.5	2987.5	2811.4	2946.3	3874.4	5104.0	*5119.0*	4165.7
55°	2781.6	2790.3	2906.7	3040.5	3093.5	2986.5	3166.6	4190.9	5513.8	*5519.9*	4474.5
57.5°	2278.2	2326.6	2583.9	2894.3	3162.0	3237.1	3483.2	4561.0	5986.8	*5981.1*	4787.5
60°	1382.6	1440.2	1748.0	2427.5	2938.6	3488.8	3949.5	5134.4	6503.6	*6487.6*	5104.0
62.5°	773.1	790.6	888.9	1453.1	2235.0	3328.7	4405.0	5871.0	7197.5	*7143.4*	5415.5
65°	569.8	575.5	598.6	711.9	1098.4	2560.3	4305.2	6751.7	8172.3	*8076.1*	5788.6
67.5°	495.2	500.8	523.5	538.9	490.5	1345.0	3547.0	7240.2	9410.3	*9284.2*	6293.6
70°	416.9	420.0	456.6	466.9	351.0	511.6	2278.7	7089.4	10556.1	*10466.0*	6835.6
72.5°	*310.9*	*323.2*	*376.3*	*401.0*	*281.6*	*271.8*	*1072.7*	*6198.4*	*10750.1*	*10751.1*	*6799.1*
75°	211.0	222.4	283.1	329.9	217.2	190.4	432.9	4628.4	9360.9	*9360.9*	5960.0
77.5°	144.1	153.4	197.1	258.9	164.7	130.7	224.4	2937.6	6715.7	*6951.9*	4248.1
80°	63.8	69.5	127.1	187.9	125.1	84.4	127.1	1608.5	4061.2	*4011.3*	1665.1
82.5°	31.4	36.0	81.3	117.4	80.8	52.0	66.9	764.9	1316.2	*1250.8*	259.9
85°	6.2	8.2	43.8	49.9	37.6	23.2	25.2	235.2	158.5	*181.2*	55.1
87.5°	0.0	0.0	13.4	9.3	4.1	5.1	5.1	21.1	12.4	*14.4*	14.4
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1371.2	1371.2	1371.2	1371.2	1371.2	1371.2	1371.2	1371.2	1371.2	1371.2	1371.2
2.5°	1375.9	1356.8	1315.1	1274.0	1231.7	1193.1	1166.4	1139.6	1123.1	1115.9	1117.0
5°	1386.7	1348.1	1260.6	1168.9	1078.4	989.8	923.4	861.1	841.6	809.2	811.2
7.5°	1403.7	1340.9	1202.9	1048.5	901.3	771.6	677.9	603.3	573.4	544.6	544.1
10°	1415.0	1327.5	1126.7	920.3	721.1	575.5	485.9	431.9	412.3	394.8	394.3
12.5°	1419.6	1302.8	1039.2	776.7	561.1	438.5	385.0	359.8	353.1	346.9	346.9
15°	1423.7	1278.6	941.4	638.3	443.2	367.0	345.9	337.7	333.0	328.9	328.9
17.5°	1427.3	1247.7	829.7	518.8	374.2	338.2	327.9	319.1	315.5	310.9	310.9
20°	1439.7	1217.8	729.9	428.3	336.6	317.6	306.3	297.0	293.9	290.8	291.3
22.5°	1462.9	1193.7	633.1	367.0	314.0	296.5	282.1	271.8	269.7	267.7	266.1
25°	1490.7	1163.8	542.0	327.4	291.9	272.3	256.3	247.6	245.5	246.0	245.0
27.5°	1526.2	1130.9	463.8	302.1	272.3	249.6	231.6	224.9	226.0	228.0	227.0
30°	1565.3	1100.5	402.5	284.6	254.8	229.6	211.6	206.9	210.5	213.6	212.6
32.5°	1623.5	1073.7	359.8	270.7	239.3	213.1	198.7	193.0	197.1	201.3	200.2
35°	1702.7	1060.3	335.6	258.9	226.0	200.2	185.8	181.7	185.8	186.8	186.3
37.5°	1800.0	1059.3	325.3	249.1	213.6	189.4	173.5	171.9	175.0	175.5	174.5
40°	1925.6	1066.0	317.6	241.9	200.7	177.1	162.1	160.6	161.6	165.2	164.7
42.5°	2084.7	1093.8	306.8	232.7	186.8	164.7	152.9	149.3	148.8	152.9	152.4
45°	2284.4	1155.1	292.4	217.7	174.5	154.4	142.6	138.5	136.9	137.9	139.5
47.5°	2502.1	1230.2	278.0	203.8	165.7	146.2	134.3	129.2	126.6	126.6	126.6
50°	2713.1	1315.1	268.2	189.4	159.6	138.5	125.6	120.4	116.3	115.3	114.8
52.5°	2922.1	1398.5	260.5	175.0	152.4	128.7	117.4	111.7	107.1	105.0	104.0
55°	3112.6	1477.8	247.1	161.1	143.1	118.4	109.1	103.5	97.8	94.2	92.7
57.5°	3295.3	1543.7	222.4	146.7	128.7	108.6	100.4	94.2	87.5	82.9	80.8
60°	3461.5	1577.6	191.5	131.3	114.3	98.3	90.6	84.9	76.2	68.5	66.4
62.5°	3588.2	1564.3	158.0	113.8	99.3	89.0	79.3	73.6	63.3	54.0	50.4
65°	3717.9	1491.2	126.1	95.2	87.0	76.7	66.4	60.7	48.9	39.1	36.5
67.5°	3886.2	1335.2	99.3	79.3	75.2	60.7	52.0	48.4	40.1	30.9	28.8
70°	3994.3	1037.2	77.2	64.3	61.8	44.3	40.1	39.6	31.9	23.7	21.1
72.5°	*3697.8*	*680.0*	*59.2*	*48.9*	*44.3*	*28.8*	*30.9*	*30.9*	*23.2*	*16.0*	*13.9*
75°	3086.8	397.9	42.7	35.0	25.2	18.5	21.1	21.1	14.4	7.7	6.2
77.5°	2204.6	212.1	28.3	21.6	12.9	8.2	11.3	10.8	4.6	0.5	0.0
80°	843.1	73.1	13.4	8.8	3.6	1.5	1.0	0.5	0.5	0.0	0.0
82.5°	128.7	19.0	2.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	23.2	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.1	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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(END OF REPORT)