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: P1201515

Luminaire Tested: GWC-SB1B-735-U-T3

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201515
	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-SB1B-735-U-T3
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE III OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5665 lumens
Efficiency:	N/A
Efficacy:	142.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	39.8
Input Voltage (V):	120.0
Input Current (Ain):	0.33
Voltage Rise (V):	NR
Power Factor:	0.996
Total Harmonic Distortion (THDi):	5.305
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

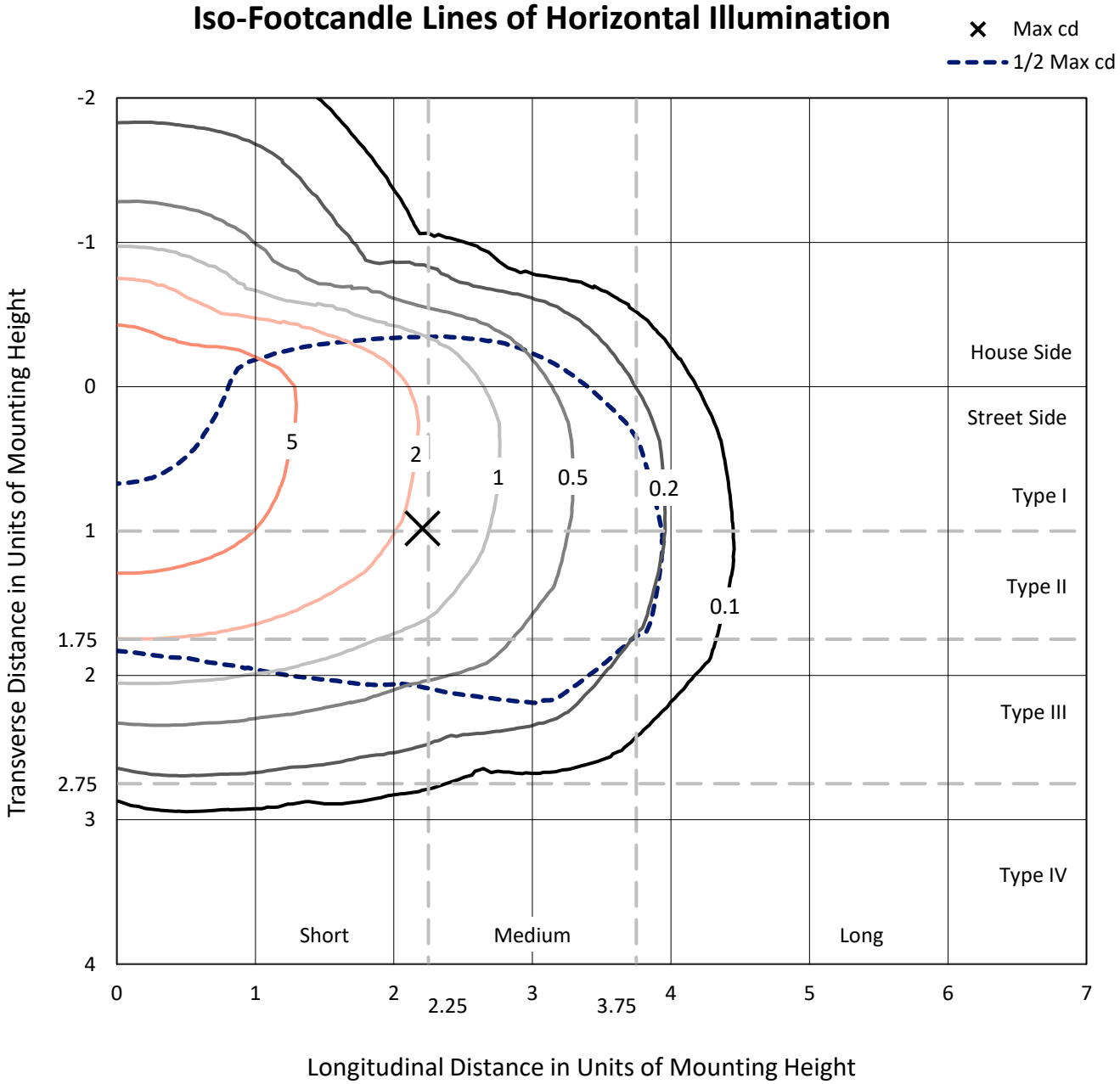


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Iso-Footcandle Lines of Horizontal Illumination



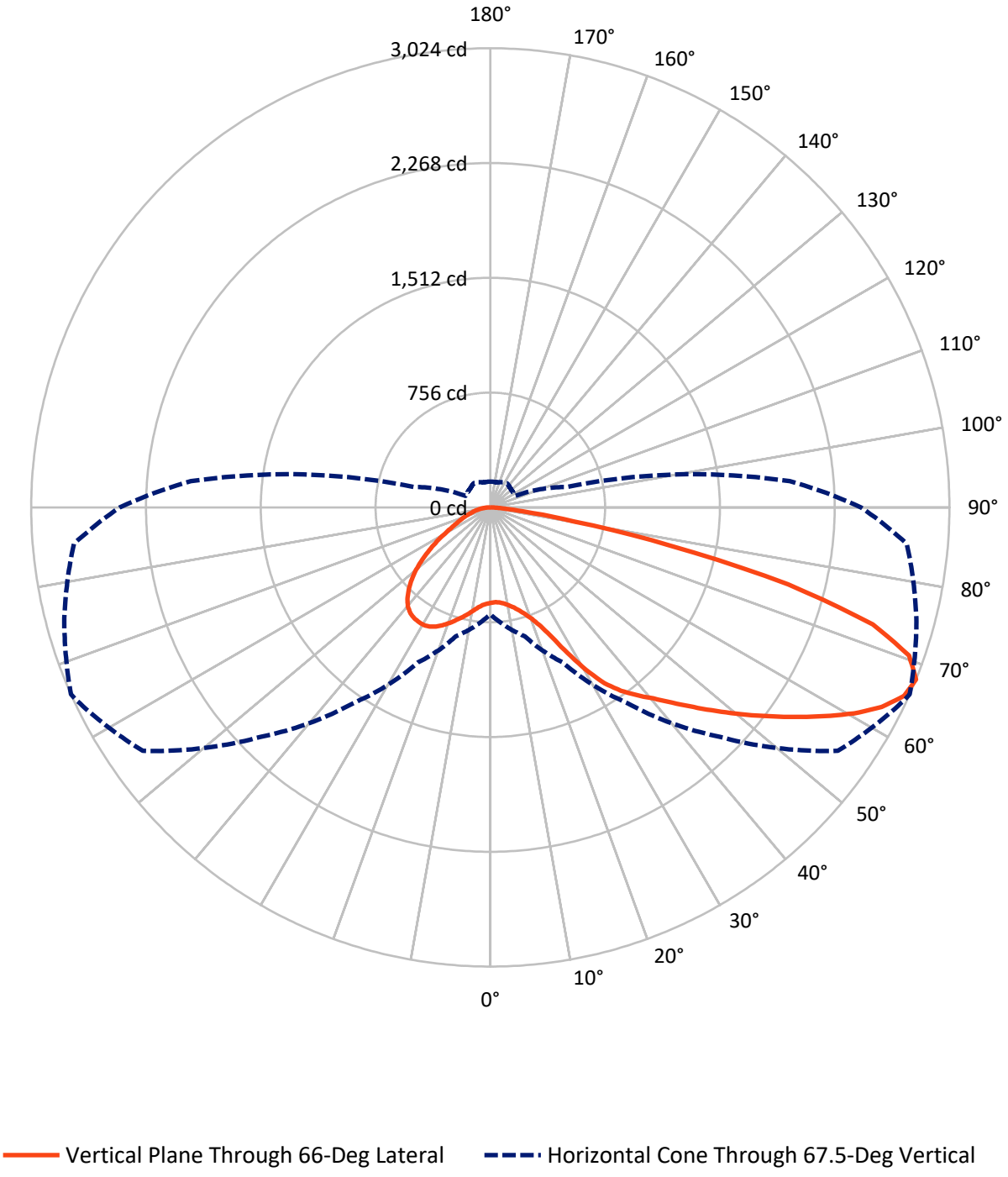
Based on 10 foot mounting height. Maximum calculated value = 8.9 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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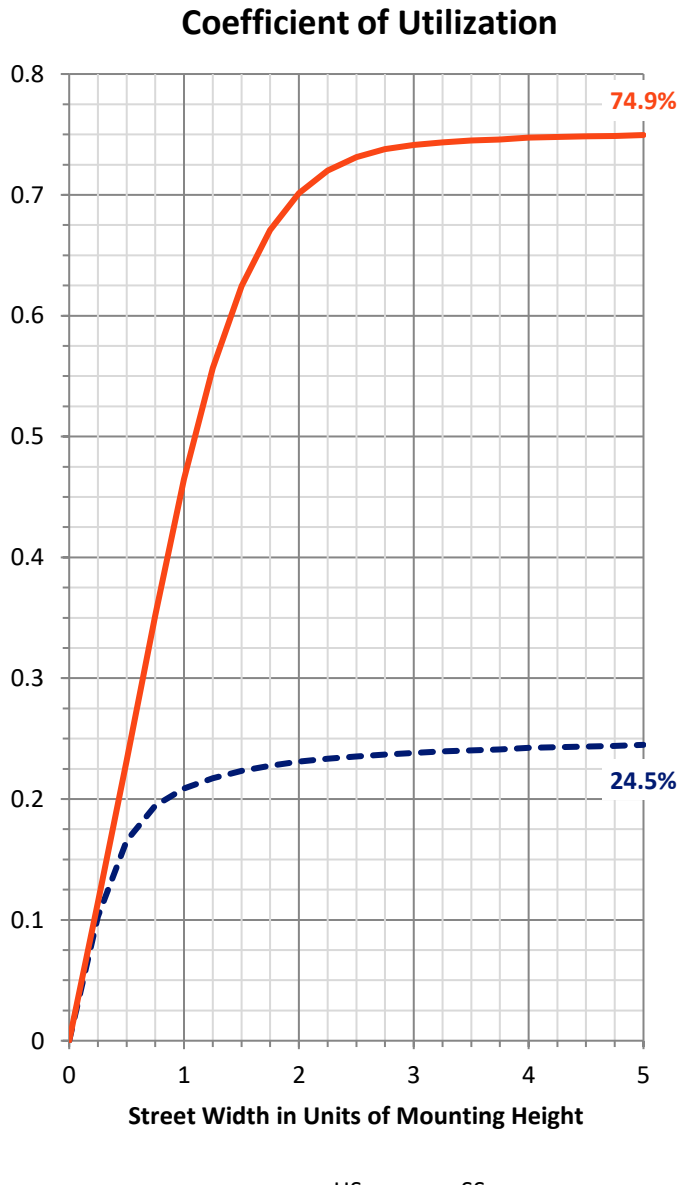
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1408.6	0.0	1408.6
	% Fixture	24.9	0.0	24.9
Street Side	Lumens	4256.4	0.0	4256.4
	% Fixture	75.1	0.0	75.1
Total	Lumens	5665.0	0.0	5665.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.3	1.1
10°-20°	205.8	3.6
20°-30°	396.7	7.0
30°-40°	695.6	12.3
40°-50°	1034.1	18.3
50°-60°	1310.8	23.1
60°-70°	1282.6	22.6
70°-80°	611.8	10.8
80°-90°	65.4	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°	5665.0	100.0
0°-180°	5665.0	100.0



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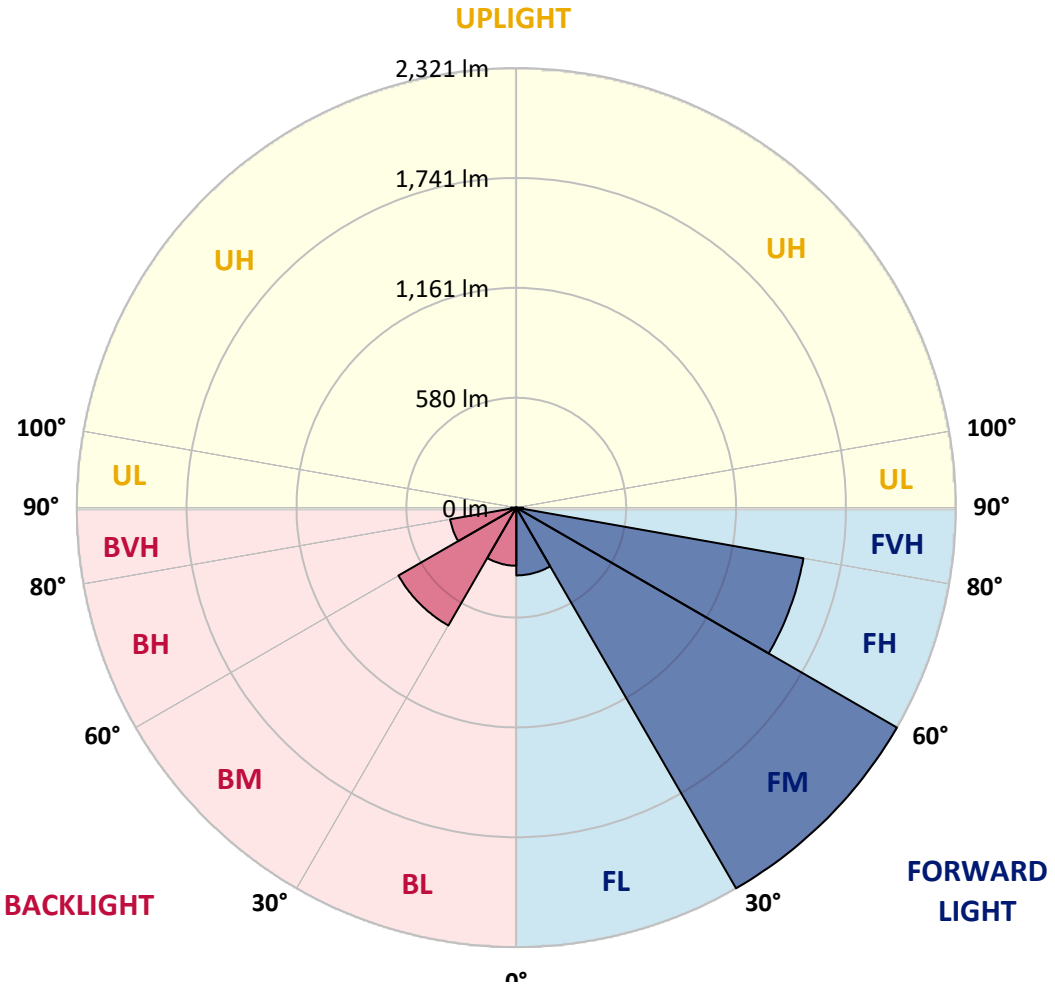
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	358.0	6.3			
FM	(30°-60°)	2321.5	41.0			
FH	(60°-80°)	1539.9	27.2			G1/1800
FVH	(80°-90°)	37.1	0.7			G1/100
BL	(0°-30°)	306.8	5.4	B1/500		
BM	(30°-60°)	719.0	12.7	B1/1000		
BH	(60°-80°)	354.5	6.3	B1/500		G1/500
BVH	(80°-90°)	28.3	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	628.3	628.3	628.3	628.3	628.3	628.3	628.3	628.3	*628.3*	628.3	628.3
2.5°	621.8	625.3	624.5	623.0	622.7	623.3	624.2	625.0	*624.8*	626.2	628.6
5°	620.0	623.6	623.3	623.3	624.5	626.8	628.3	629.8	*628.3*	630.1	633.4
7.5°	621.2	623.9	625.0	626.2	629.2	633.7	637.3	640.5	*638.7*	640.8	645.0
10°	636.4	638.4	639.6	639.6	641.7	646.8	650.3	656.3	*654.8*	658.1	663.4
12.5°	664.0	666.1	666.1	664.9	666.4	669.7	670.9	677.4	*674.8*	680.1	685.5
15°	698.0	702.1	698.9	696.8	697.4	700.7	700.4	705.4	*702.7*	707.2	712.0
17.5°	735.5	740.8	735.5	735.2	734.0	737.6	737.9	742.3	*737.6*	740.8	744.1
20°	779.8	787.3	782.8	784.3	781.6	783.1	784.6	791.1	*783.7*	786.1	785.2
22.5°	842.3	851.3	846.5	852.2	850.4	849.2	848.9	860.5	*848.9*	849.8	841.1
25°	933.4	944.1	935.8	943.5	943.5	947.4	951.9	966.7	*947.4*	941.7	919.4
27.5°	1067.9	1078.7	1062.3	1067.0	1065.6	1075.1	1070.3	1107.2	*1086.4*	1077.2	1032.2
30°	1229.9	1248.9	1218.0	1216.8	1215.3	1230.5	1237.3	1261.7	*1240.6*	1231.3	1177.2
32.5°	1404.9	1424.8	1387.9	1377.2	1371.5	1380.8	1375.1	1394.8	*1380.2*	1365.9	1298.9
35°	1590.0	1609.7	1574.5	1553.7	1531.1	1511.7	1491.5	1496.5	*1482.9*	1461.1	1391.8
37.5°	1765.0	1801.0	1763.8	1741.5	1699.8	1662.0	1605.5	1582.0	*1569.2*	1549.2	1479.3
40°	1943.3	1963.8	1935.6	1916.5	1871.3	1812.0	1721.6	1671.9	*1654.6*	1635.2	1576.0
42.5°	2074.6	2094.2	2079.0	2065.9	2030.5	1961.8	1844.8	1782.6	*1757.6*	1735.9	1685.5
45°	2178.7	2193.3	2183.8	2188.6	2173.4	2106.7	1972.5	1901.3	*1875.4*	1849.0	1809.4
47.5°	2220.7	2236.2	2251.4	2279.6	2305.5	2256.4	2109.7	2029.9	*2002.5*	1975.5	1936.5
50°	2215.9	2231.7	2275.8	2335.9	2416.3	2399.9	2254.3	2166.8	*2141.5*	2110.6	2074.6
52.5°	2177.9	2195.7	2252.3	2352.3	2480.3	2507.3	2401.7	2308.2	*2284.4*	2247.5	2211.5
55°	2077.8	2088.6	2173.4	2315.1	2495.4	2582.3	2546.0	2458.8	*2435.0*	2383.5	2344.2
57.5°	1892.4	1907.9	2031.4	2214.8	2457.3	2633.2	2672.8	2617.2	*2594.3*	2520.1	2479.1
60°	1650.4	1675.1	1816.5	2046.3	2360.3	2632.9	2788.0	2772.8	*2753.8*	2654.7	2611.8
62.5°	1376.6	1405.2	1541.2	1808.2	2190.6	2558.2	2860.0	2903.2	*2893.4*	2778.8	2724.0
65°	1057.2	1076.9	1212.3	1500.1	1926.6	2397.8	2868.4	2992.2	*2994.0*	2873.1	2782.7
67.5°	*703.9*	*760.5*	*878.0*	*1125.7*	*1573.0*	*2135.6*	*2795.2*	*3006.8*	*3024.0*	*2905.6*	*2753.2*
70°	343.5	417.9	533.1	731.6	1125.7	1733.5	2603.8	2887.1	*2925.5*	2810.9	2577.6
72.5°	142.6	166.7	229.5	361.0	646.2	1169.7	2219.2	2562.7	*2633.8*	2490.7	2167.1
75°	96.1	104.2	131.3	185.1	294.4	576.8	1600.4	1910.9	*2025.5*	1881.1	1537.6
77.5°	74.1	79.2	95.5	129.5	175.0	218.2	856.6	1151.6	*1210.8*	1120.9	800.1
80°	58.3	62.2	71.4	94.4	124.1	116.7	292.0	521.8	*556.0*	466.4	257.2
82.5°	50.6	52.1	51.2	64.0	82.4	68.2	95.8	192.6	*212.5*	154.2	83.9
85°	36.6	40.8	42.6	39.6	43.8	34.5	39.3	68.2	*75.0*	67.0	47.3
87.5°	14.9	22.0	27.1	25.6	16.1	9.8	12.2	19.9	*22.9*	25.0	15.5
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°	628.3	628.3	628.3	628.3	628.3	628.3	628.3	628.3	628.3	628.3	628.3
2.5°	628.9	631.0	632.5	634.3	635.5	637.3	640.8	642.9	643.2	644.7	644.4
5°	634.6	637.6	640.8	645.6	650.9	655.4	662.3	667.0	668.8	670.3	670.0
7.5°	646.8	650.9	656.9	665.2	673.0	678.9	687.3	692.9	698.6	700.7	700.9
10°	664.9	670.9	679.5	690.8	699.2	706.9	715.5	720.3	726.0	728.3	729.5
12.5°	687.6	693.8	705.1	720.9	728.6	734.0	737.0	735.8	737.0	739.0	739.6
15°	713.4	720.3	733.1	750.1	755.4	750.7	744.1	738.2	737.3	737.9	739.9
17.5°	744.1	749.2	764.0	778.3	774.5	754.8	740.5	731.0	726.2	724.8	726.8
20°	787.0	787.0	799.2	808.1	782.2	748.9	726.5	711.1	701.2	697.1	696.2
22.5°	839.1	834.3	842.0	835.8	780.7	732.2	701.2	674.5	659.6	653.6	652.7
25°	905.1	899.5	897.4	858.7	770.0	705.7	655.4	623.0	609.9	606.6	607.2
27.5°	1004.8	990.6	963.5	871.2	750.4	664.0	601.8	571.8	564.3	564.6	565.5
30°	1137.6	1109.0	1042.6	873.3	718.2	605.1	547.1	525.6	522.1	523.6	528.6
32.5°	1260.5	1233.4	1123.6	863.8	668.8	547.4	498.0	483.7	478.3	480.1	482.5
35°	1357.0	1349.5	1198.6	850.4	608.1	493.2	453.9	441.7	431.3	428.9	430.7
37.5°	1448.0	1445.1	1254.9	831.6	548.0	454.8	418.5	402.4	387.2	378.9	379.2
40°	1548.0	1545.1	1291.8	802.7	494.7	421.5	386.6	365.5	346.8	331.6	333.1
42.5°	1660.5	1643.0	1309.3	761.4	449.4	393.2	360.7	332.2	307.5	293.5	294.4
45°	1783.5	1743.9	1309.0	708.7	411.3	367.3	333.1	292.6	269.7	256.6	256.0
47.5°	1913.8	1840.3	1293.0	650.3	374.4	338.7	290.2	259.2	244.1	236.0	234.2
50°	2048.4	1930.5	1265.6	583.4	336.6	306.3	263.4	242.3	230.7	223.2	220.6
52.5°	2174.9	2012.4	1232.5	507.5	298.2	274.7	251.5	235.1	222.9	214.6	211.0
55°	2292.4	2082.9	1185.8	429.8	267.0	253.6	245.9	232.2	218.2	208.3	204.5
57.5°	2396.9	2128.7	1105.1	356.9	244.7	239.0	239.9	227.1	211.0	202.7	197.3
60°	2483.8	2162.4	985.8	289.3	226.5	224.7	230.7	217.6	198.8	189.3	185.1
62.5°	2535.9	2161.8	839.4	236.9	211.0	211.6	218.5	205.7	186.6	177.7	175.0
65°	2531.4	2108.8	678.6	202.7	196.1	196.7	205.7	192.6	176.5	171.1	170.8
67.5°	*2441.9*	*1979.6*	*520.6*	*180.4*	*179.8*	*182.5*	*192.9*	*183.6*	*170.3*	*169.7*	*170.5*
70°	2199.3	1711.4	375.0	162.5	162.8	166.7	180.4	178.0	167.0	168.2	167.9
72.5°	1763.5	1304.9	251.8	143.8	144.1	150.3	168.5	173.5	163.7	179.5	181.9
75°	1174.5	813.8	161.9	123.8	124.1	132.2	158.0	164.9	154.8	178.9	180.4
77.5°	564.3	365.8	117.3	104.2	104.2	111.6	136.6	147.6	131.9	139.0	127.4
80°	195.0	137.5	92.3	83.9	82.1	87.2	115.2	128.0	113.7	104.8	98.2
82.5°	76.8	71.4	74.1	65.2	59.2	62.5	89.6	105.7	83.6	75.6	75.3
85°	44.1	46.4	52.4	43.2	34.2	38.4	65.8	75.9	63.1	55.7	56.8
87.5°	11.9	16.4	24.1	22.3	15.5	16.4	31.3	42.0	36.3	28.0	28.9
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)