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: P1201981

Luminaire Tested: GWC-SB1C-827-U-T4W

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201981
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-1)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1C-827-U-T4W
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6535 lumens
Efficiency:	N/A
Efficacy:	120.1 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	54.4
Input Voltage (V):	120.0
Input Current (Ain):	0.437
Voltage Rise (V):	NR
Power Factor:	0.993
Total Harmonic Distortion (THDi):	9.314
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

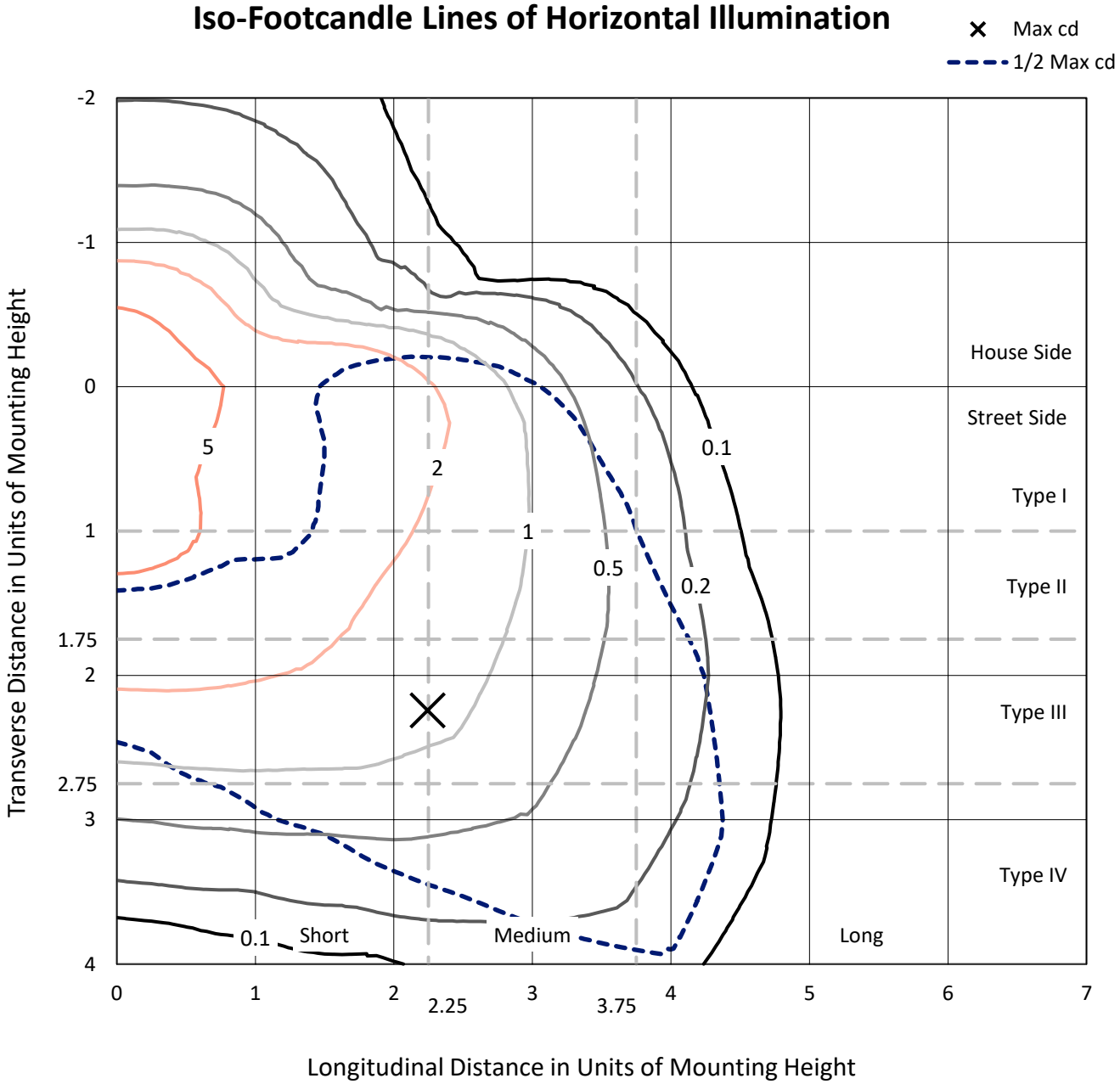


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Iso-Footcandle Lines of Horizontal Illumination



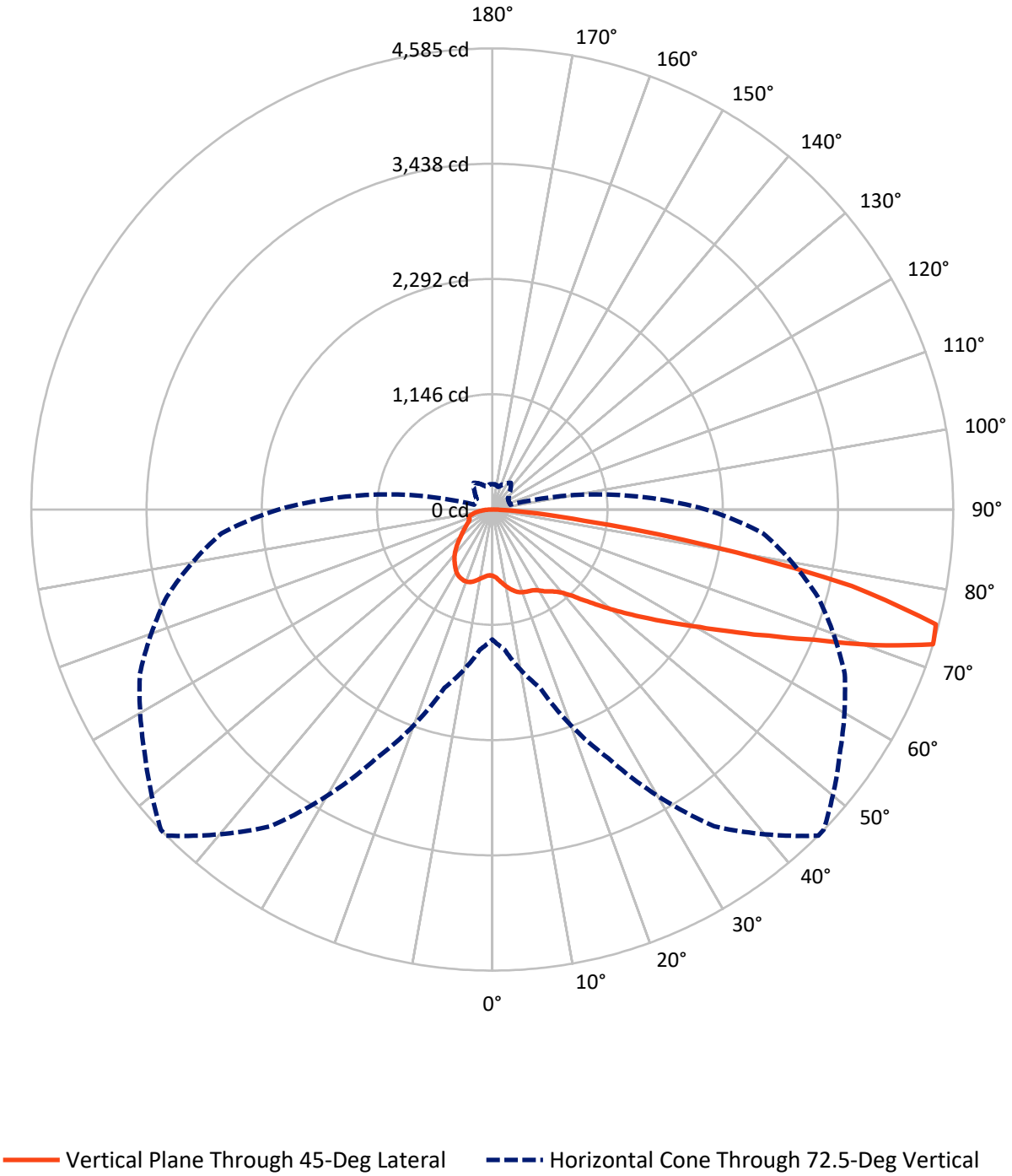
Based on 10 foot mounting height. Maximum calculated value = 8.2 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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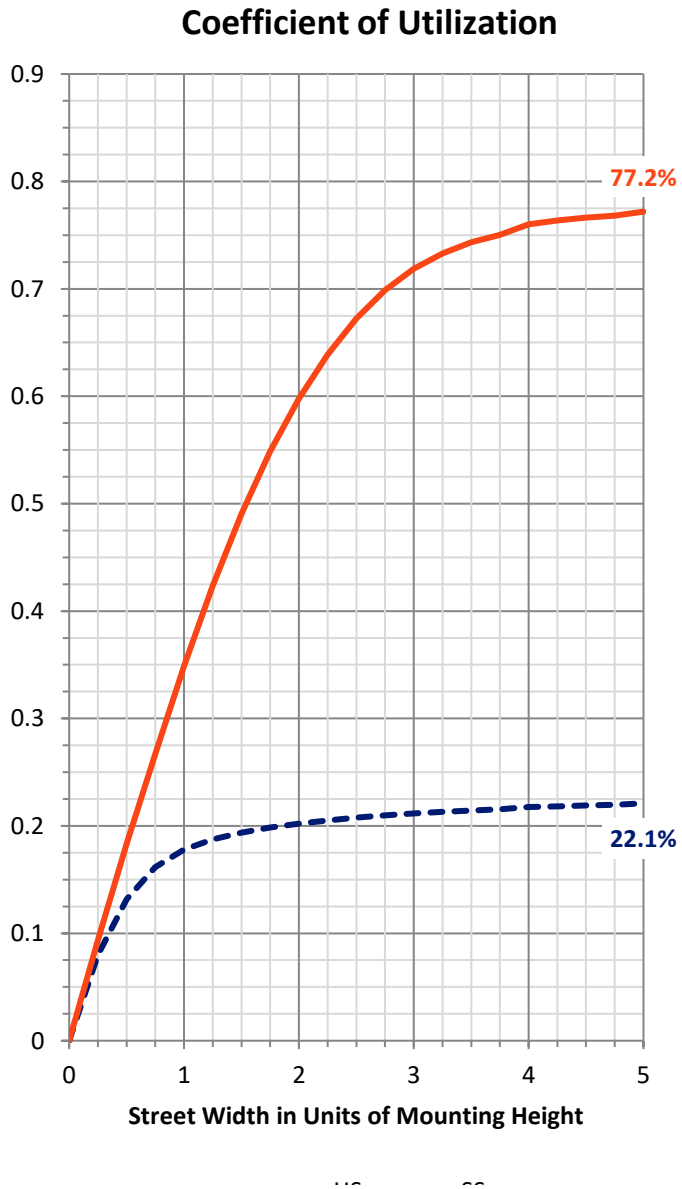
REPORT NUMBER: P1201981
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1477.3	0.0	1477.3
	% Fixture	22.6	0.0	22.6
Street Side	Lumens	5057.7	0.0	5057.7
	% Fixture	77.4	0.0	77.4
Total	Lumens	6535.0	0.0	6535.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.1	1.0
10°-20°	223.7	3.4
20°-30°	389.2	6.0
30°-40°	557.9	8.5
40°-50°	785.5	12.0
50°-60°	1203.2	18.4
60°-70°	1743.1	26.7
70°-80°	1391.9	21.3
80°-90°	173.4	2.7
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°	6535.0	100.0
0°-180°	6535.0	100.0



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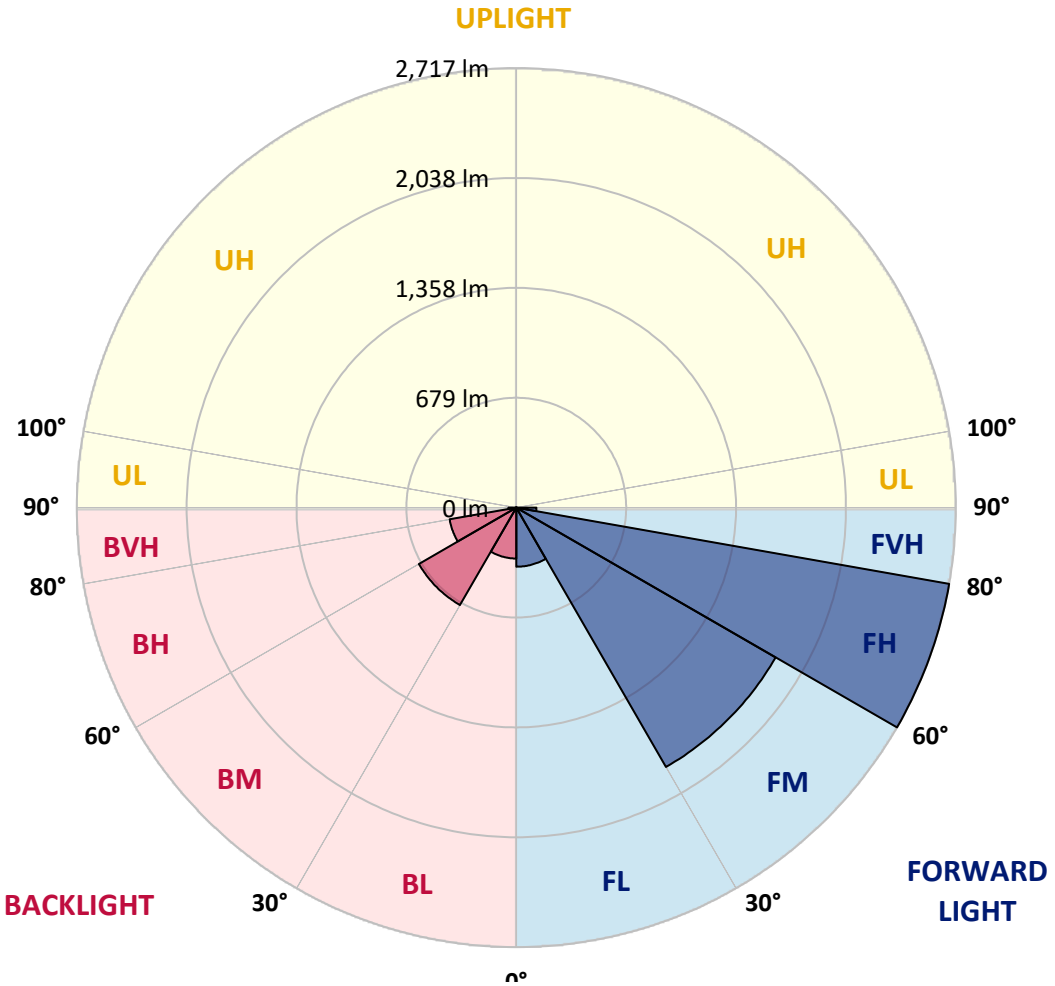
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	365.4	5.6			
FM	(30°-60°)	1851.1	28.3			
FH	(60°-80°)	2716.8	41.6			G2/5000
FVH	(80°-90°)	124.4	1.9			G2/225
BL	(0°-30°)	314.5	4.8	B1/500		
BM	(30°-60°)	695.6	10.6	B1/1000		
BH	(60°-80°)	418.2	6.4	B1/500		G1/500
BVH	(80°-90°)	49.0	0.7			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°	85°
0°	659.3	659.3	659.3	659.3	659.3	*659.3*	659.3	659.3	659.3	659.3	659.3
2.5°	685.1	689.5	685.4	681.6	679.9	*675.4*	675.1	672.3	670.6	665.8	664.4
5°	732.9	738.8	731.9	724.3	717.4	*706.4*	705.0	697.1	688.2	677.8	672.0
7.5°	787.0	792.1	784.2	772.9	760.8	*742.6*	742.2	727.8	713.6	696.1	686.1
10°	834.1	841.0	830.4	814.9	799.7	*779.1*	776.6	760.1	742.2	719.5	704.4
12.5°	875.8	880.6	870.3	851.4	833.8	*813.1*	810.0	791.8	771.8	746.0	726.7
15°	908.8	915.0	901.3	881.0	862.4	*842.1*	839.3	822.8	802.8	775.6	750.8
17.5°	930.5	935.7	921.6	898.9	881.0	*864.1*	862.0	848.3	830.7	803.2	776.6
20°	938.8	944.3	929.5	906.4	889.9	*876.8*	875.8	865.8	853.8	828.6	801.8
22.5°	947.1	952.2	932.9	908.8	894.4	*886.1*	885.8	879.2	874.4	853.8	827.6
25°	980.4	981.8	956.0	921.2	900.6	*893.3*	893.0	892.7	894.7	878.5	855.5
27.5°	1009.4	1009.0	987.0	954.3	922.3	*907.1*	906.8	910.2	916.8	903.3	884.4
30°	1051.7	1047.9	1021.8	987.7	958.4	*935.0*	932.9	929.8	935.0	924.3	913.3
32.5°	1141.6	1129.5	1087.2	1026.6	988.4	*970.5*	967.7	948.4	950.5	944.0	938.4
35°	1270.3	1254.5	1198.0	1100.2	1025.5	*1000.1*	998.7	974.3	970.1	964.3	966.3
37.5°	1423.5	1403.9	1338.1	1207.0	1089.6	*1034.5*	1032.4	1010.4	993.5	987.3	999.0
40°	1577.4	1552.6	1498.2	1337.1	1183.9	*1092.0*	1085.4	1052.1	1032.8	1022.4	1047.2
42.5°	1726.8	1706.1	1659.7	1483.1	1300.3	*1176.0*	1161.5	1104.4	1089.9	1080.3	1125.0
45°	1859.0	1840.4	1806.3	1639.0	1436.6	*1290.3*	1276.2	1182.9	1178.4	1178.4	1243.1
47.5°	1966.4	1962.3	1926.1	1798.1	1597.4	*1420.4*	1396.0	1292.0	1304.0	1322.6	1410.8
50°	2085.5	2074.2	2035.6	1954.7	1786.4	*1569.5*	1549.5	1425.9	1471.0	1522.0	1653.1
52.5°	2195.0	2201.2	2158.2	2117.9	1999.8	*1735.7*	1700.6	1583.9	1681.4	1765.7	1937.1
55°	2307.6	2307.9	2295.9	2290.3	2223.6	*1919.6*	1881.0	1774.0	1928.9	2033.5	2268.3
57.5°	2413.2	2413.9	2431.8	2480.4	2483.1	*2131.6*	2087.9	2007.4	2203.9	2310.7	2609.8
60°	2507.6	2512.4	2561.3	2674.9	2711.4	*2374.7*	2333.4	2283.1	2488.3	2595.7	2968.9
62.5°	2539.2	2556.8	2665.6	2827.0	2936.9	*2672.8*	2632.2	2602.2	2787.1	2886.9	3269.1
65°	2485.5	2525.8	2736.2	2952.7	3168.9	*3027.1*	2986.8	2954.1	3097.6	3191.6	3515.6
67.5°	2353.7	2405.7	2732.0	3084.6	3450.5	*3453.3*	3415.7	3339.0	3430.5	3466.7	3595.8
70°	2006.3	2084.1	2491.4	3133.8	3773.8	*4036.1*	3999.9	3802.3	3762.7	3587.9	3369.9
72.5°	*1292.7*	*1397.3*	*1834.6*	*2728.6*	*3845.7*	*4584.5*	*4582.4*	*4220.6*	*3867.7*	*3352.4*	*2702.8*
75°	471.6	535.7	852.4	1712.7	3228.1	*4556.6*	4570.0	4149.0	3530.7	2589.5	1683.8
77.5°	171.8	188.0	278.2	658.2	1985.3	*3656.0*	3683.9	3316.9	2513.1	1299.6	667.2
80°	90.2	99.1	142.5	255.4	850.7	*2171.2*	2215.0	1971.2	1181.1	391.4	200.0
82.5°	49.9	54.0	79.9	138.7	383.2	*928.5*	954.6	778.7	415.5	165.9	82.6
85°	26.9	28.6	37.5	75.7	187.3	*321.9*	329.1	232.7	165.6	97.4	39.9
87.5°	7.9	9.6	12.4	24.1	73.3	*72.3*	74.0	46.1	65.4	49.2	13.1
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°	659.3	659.3	659.3	659.3	659.3	659.3	659.3	659.3	659.3	659.3	659.3
2.5°	662.4	661.3	657.5	655.8	653.7	653.4	655.1	655.5	655.8	656.2	657.5
5°	668.5	665.1	661.7	659.6	660.3	660.6	664.1	666.5	668.2	669.6	670.3
7.5°	680.6	677.8	672.0	671.6	672.7	675.8	680.3	685.8	688.9	691.3	692.0
10°	698.5	693.3	686.5	687.5	689.5	694.0	703.3	707.8	713.0	717.4	716.4
12.5°	716.7	712.3	704.4	705.0	708.5	716.4	725.4	730.9	734.3	737.7	739.1
15°	740.5	732.6	724.0	724.0	730.2	738.8	742.9	747.4	749.4	753.2	754.6
17.5°	764.9	754.6	743.3	742.6	750.1	754.3	756.7	757.4	758.1	762.2	763.6
20°	789.4	778.0	761.8	760.5	762.2	761.5	761.2	760.5	761.5	766.7	768.7
22.5°	813.5	800.4	778.0	771.8	767.0	760.5	760.1	759.8	760.5	765.6	769.1
25°	841.7	825.9	795.9	777.3	761.2	752.2	753.2	753.6	754.3	758.4	763.9
27.5°	872.4	854.8	812.4	775.6	746.4	740.2	738.4	739.5	741.9	748.4	755.0
30°	903.0	882.3	827.6	768.7	727.8	719.2	713.6	716.1	723.6	730.2	737.4
32.5°	930.9	910.2	839.6	753.6	704.0	690.6	683.4	686.5	694.0	696.4	705.0
35°	963.6	940.2	844.8	729.5	678.2	657.5	647.9	643.4	647.2	644.8	652.4
37.5°	1000.1	975.6	844.1	697.8	647.9	624.1	610.7	593.8	585.9	577.7	582.8
40°	1054.1	1019.0	835.9	659.6	610.4	588.7	564.6	536.0	518.1	501.9	503.0
42.5°	1127.8	1079.2	820.7	617.6	568.0	547.7	515.0	481.6	453.4	426.5	424.1
45°	1237.6	1158.1	801.8	572.8	522.2	502.3	466.8	429.3	397.3	362.8	358.7
47.5°	1396.0	1264.1	783.9	521.9	474.0	455.8	423.8	389.0	351.1	317.8	314.0
50°	1613.5	1416.3	767.4	472.3	426.5	412.8	387.3	351.8	313.6	286.8	285.0
52.5°	1890.3	1623.2	760.5	424.5	382.1	377.0	356.7	323.6	287.5	264.7	263.0
55°	2208.1	1870.7	760.5	378.7	343.2	344.9	330.8	300.2	268.9	248.6	246.5
57.5°	2532.4	2121.3	746.7	336.3	310.2	317.4	308.5	281.6	253.4	232.4	228.9
60°	2831.2	2331.3	690.9	297.8	280.9	292.3	286.4	263.4	228.9	211.4	208.6
62.5°	3060.8	2449.7	583.5	267.1	256.8	269.9	266.8	239.3	224.5	217.2	214.8
65°	3175.8	2430.5	446.2	239.9	236.5	256.8	250.3	249.2	237.5	229.3	226.5
67.5°	3105.2	2264.5	323.6	220.0	224.8	244.8	269.9	274.0	252.3	236.2	233.4
70°	2795.7	1964.3	241.0	201.0	210.0	245.1	307.8	286.8	247.5	228.6	225.5
72.5°	*2126.8*	*1464.8*	*186.9*	*181.1*	*190.7*	*246.8*	*324.6*	*280.9*	*233.8*	*252.7*	*250.6*
75°	1216.3	804.2	150.1	156.6	166.6	230.7	316.0	265.8	223.1	232.0	232.0
77.5°	463.7	309.1	123.9	132.5	133.9	201.4	302.3	264.7	212.4	207.2	189.0
80°	160.8	120.8	102.6	105.3	103.6	179.0	289.9	230.3	173.9	155.6	150.4
82.5°	65.8	60.2	81.2	77.8	73.7	139.1	234.1	188.3	142.2	125.7	124.3
85°	28.6	38.2	53.7	47.2	42.7	96.4	187.6	159.4	120.1	103.6	103.3
87.5°	5.9	14.5	22.7	21.3	22.0	64.4	133.2	113.3	85.0	63.7	49.9
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)