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: P1202265

Luminaire Tested: GWC-SB1D-735-U-T4FT

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202265
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-24)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1D-735-U-T4FT
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV FORWARD THROW OPT
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10111 lumens
Efficiency:	N/A
Efficacy:	127.0 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - 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

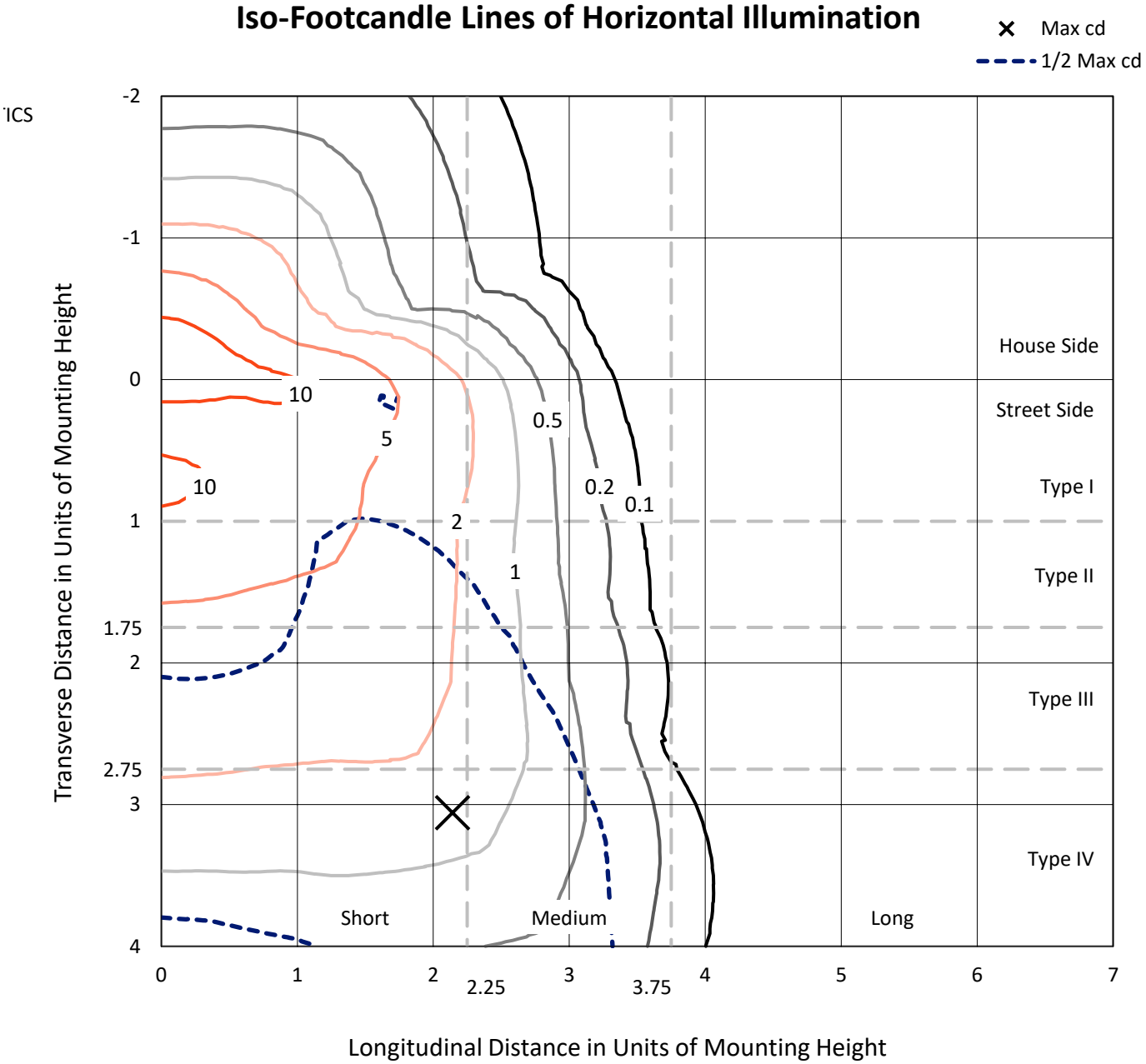


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Iso-Footcandle Lines of Horizontal Illumination



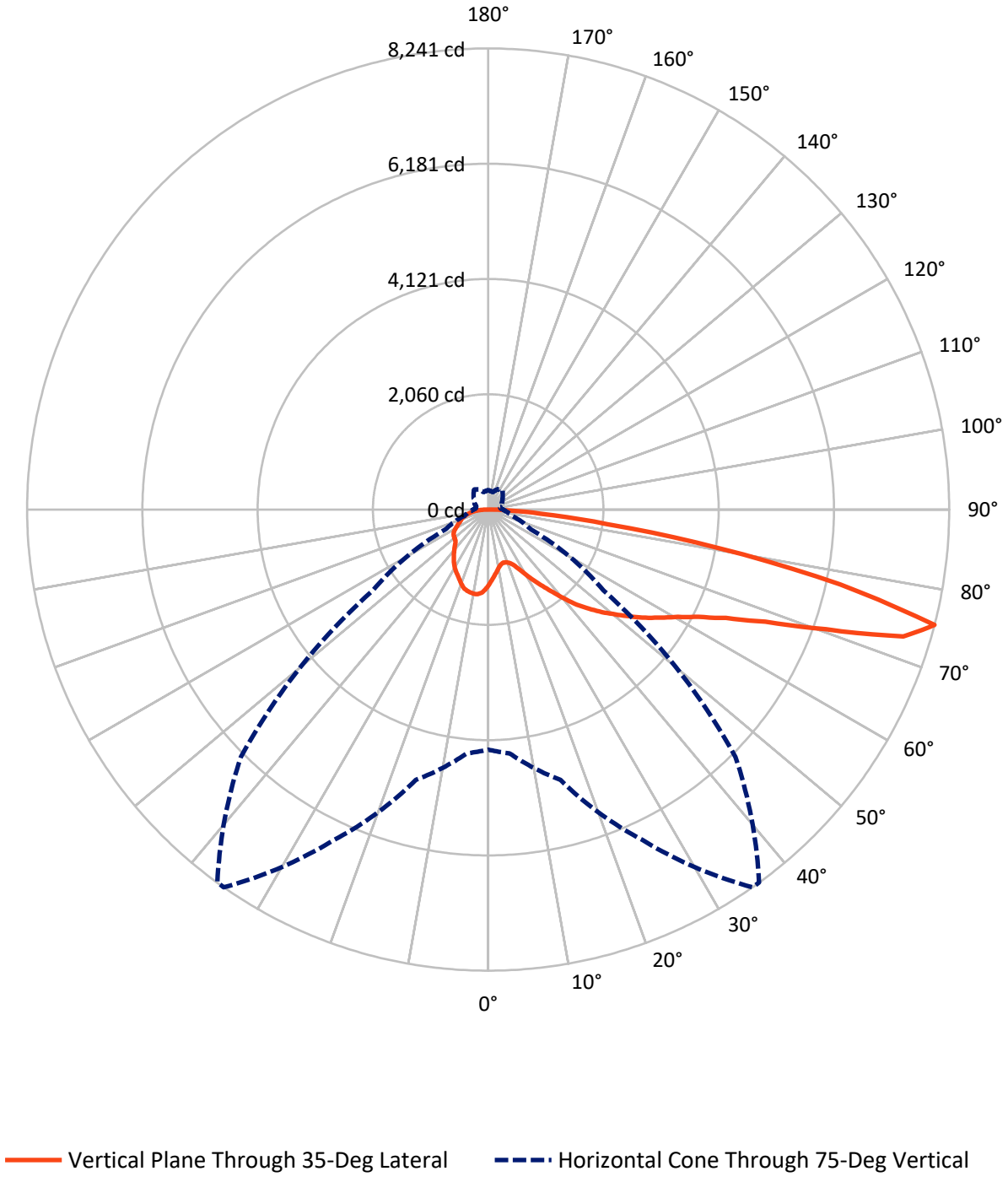
Based on 10 foot mounting height. Maximum calculated value = 14.9 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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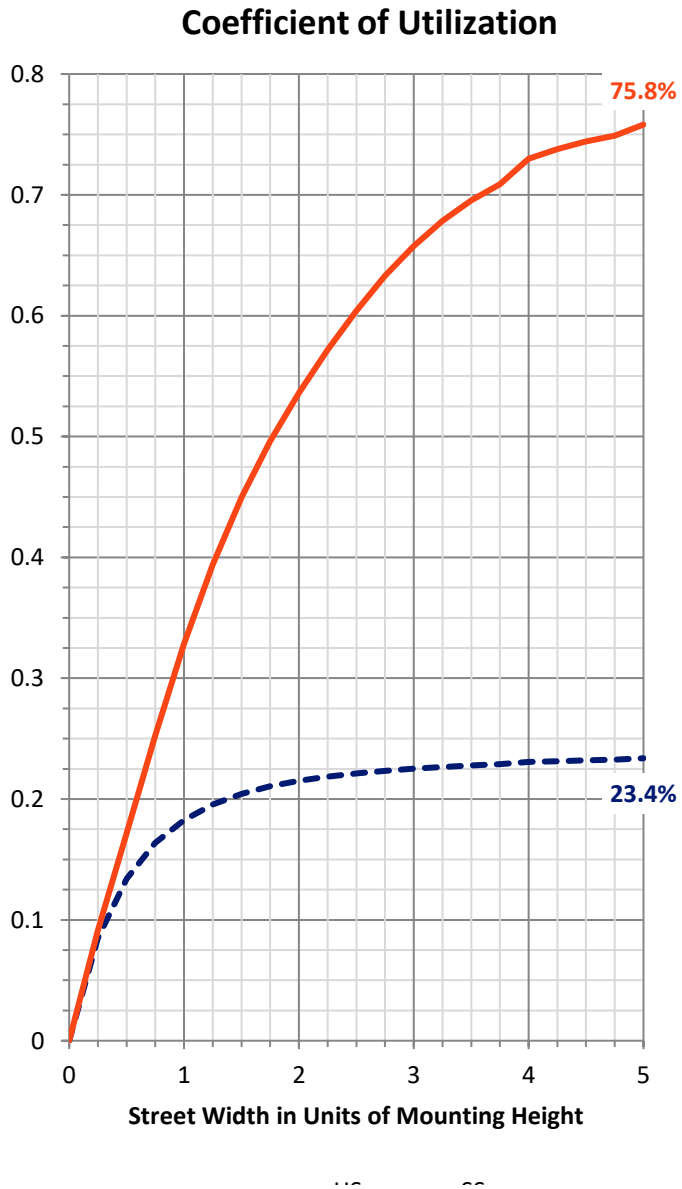
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2406.2	0.0	2406.2
	% Fixture	23.8	0.0	23.8
Street Side	Lumens	7704.8	0.0	7704.8
	% Fixture	76.2	0.0	76.2
Total	Lumens	10111.0	0.0	10111.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.6	1.3
10°-20°	368.0	3.6
20°-30°	617.9	6.1
30°-40°	960.3	9.5
40°-50°	1425.4	14.1
50°-60°	1967.8	19.5
60°-70°	2387.4	23.6
70°-80°	1973.0	19.5
80°-90°	283.8	2.8
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°	10111.0	100.0
0°-180°	10111.0	100.0



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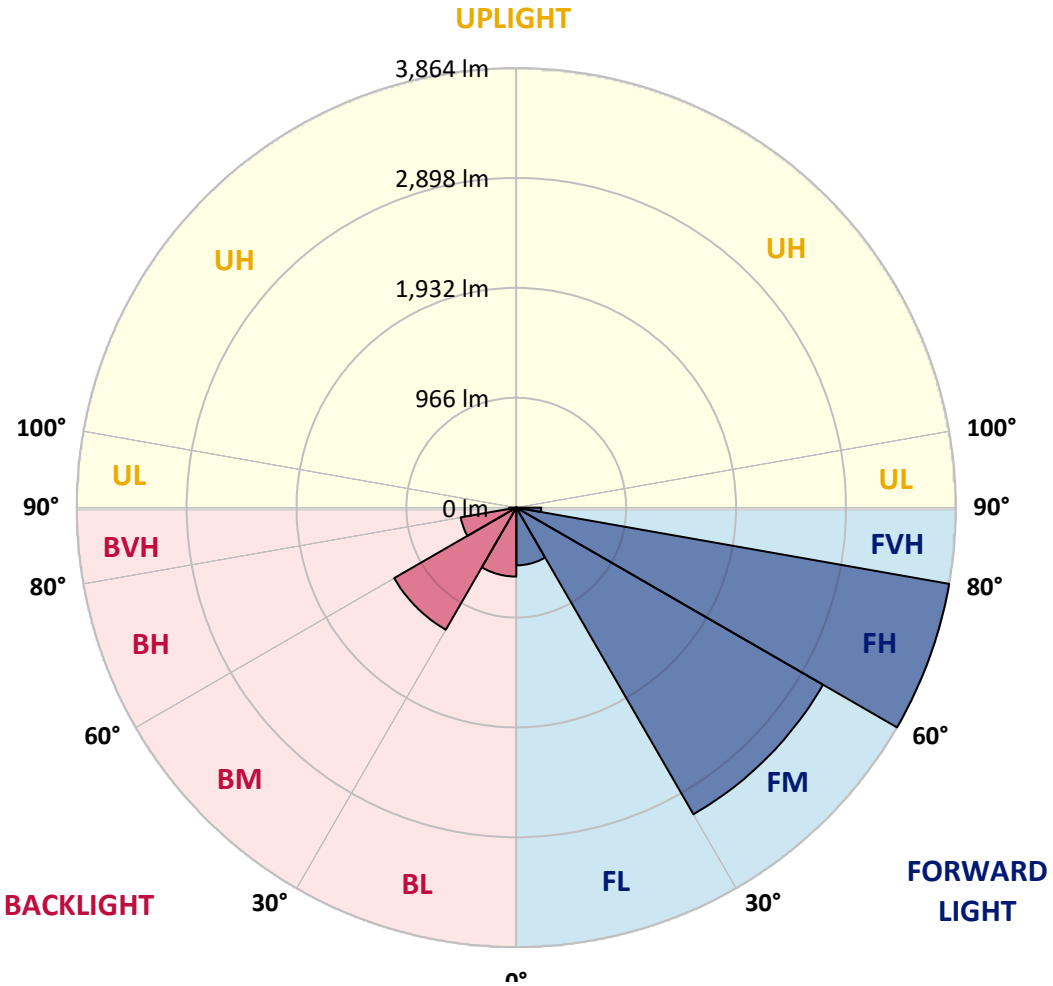
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	507.0	5.0			
FM	(30°-60°)	3113.6	30.8			
FH	(60°-80°)	3864.3	38.2			G2/5000
FVH	(80°-90°)	219.9	2.2			G2/225
BL	(0°-30°)	606.4	6.0	B2/1000		
BM	(30°-60°)	1239.8	12.3	B2/2500		
BH	(60°-80°)	496.1	4.9	B1/500		G1/500
BVH	(80°-90°)	63.9	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°	85°
0°	1347.4	1347.4	1347.4	1347.4	*1347.4*	1347.4	1347.4	1347.4	1347.4	1347.4	1347.4
2.5°	1242.4	1250.1	1253.3	1251.7	*1259.9*	1258.8	1270.3	1284.5	1304.2	1323.3	1351.2
5°	1146.8	1155.0	1162.1	1168.6	*1184.5*	1189.4	1207.4	1234.8	1270.8	1307.5	1353.4
7.5°	1057.7	1064.8	1075.7	1087.7	*1114.5*	1119.4	1149.5	1192.1	1242.4	1296.0	1359.4
10°	985.0	992.1	1003.6	1017.2	*1050.6*	1056.6	1094.8	1151.7	1217.3	1285.0	1365.9
12.5°	953.8	956.0	962.6	976.2	*1005.2*	1009.0	1051.1	1116.1	1192.7	1276.8	1375.8
15°	952.2	956.5	957.1	964.2	*988.2*	989.9	1028.7	1093.2	1177.4	1275.2	1390.5
17.5°	968.6	971.8	966.9	971.3	*991.5*	994.3	1024.9	1082.3	1172.4	1282.3	1415.7
20°	1012.3	1015.0	1000.3	994.3	*1009.0*	1011.2	1041.3	1089.4	1177.4	1297.1	1450.1
22.5°	1105.2	1106.9	1070.8	1046.2	*1047.3*	1048.4	1074.6	1118.3	1196.5	1323.9	1493.8
25°	1250.1	1249.0	1191.6	1144.0	*1116.7*	1110.7	1128.2	1165.3	1228.7	1359.4	1550.1
27.5°	1419.5	1411.3	1353.9	1282.9	*1223.3*	1214.5	1210.7	1226.6	1274.7	1406.4	1619.0
30°	1610.8	1603.2	1541.4	1448.5	*1365.9*	1351.7	1315.7	1307.5	1343.0	1470.3	1714.7
32.5°	1820.7	1815.8	1742.0	1629.4	*1519.0*	1502.6	1441.9	1420.1	1447.9	1567.1	1848.0
35°	1996.7	1992.3	1931.1	1815.2	*1680.2*	1660.0	1598.2	1573.6	1587.9	1691.2	2022.4
37.5°	2155.8	2153.6	2101.1	2009.8	*1870.5*	1845.9	1776.4	1768.2	1765.5	1854.6	2233.9
40°	2303.4	2297.9	2243.2	2195.1	*2091.8*	2069.4	2008.2	2001.1	1980.3	2055.7	2473.3
42.5°	2466.8	2452.6	2373.3	2350.9	*2323.0*	2304.4	2267.8	2268.9	2223.0	2282.6	2727.0
45°	2600.2	2592.0	2510.5	2497.4	*2527.5*	2519.8	2551.5	2559.7	2470.6	2520.4	2990.4
47.5°	2743.4	2735.7	2666.8	2657.5	*2739.0*	2741.2	2853.2	2856.0	2712.2	2767.4	3254.4
50°	2919.9	2909.0	2840.7	2852.1	*2943.4*	2951.6	3156.6	3138.0	2934.7	3018.3	3516.3
52.5°	3036.3	3042.9	3028.1	3046.7	*3171.4*	3179.0	3455.0	3407.5	3155.0	3265.9	3773.2
55°	3122.2	3135.3	3181.2	3223.8	*3411.9*	3419.5	3736.5	3663.8	3337.5	3495.5	4014.7
57.5°	3232.6	3214.0	3299.8	3382.9	*3640.3*	3660.6	4010.4	3910.9	3499.3	3693.3	4180.4
60°	3391.1	3378.0	3444.6	3567.6	*3896.1*	3928.4	4300.1	4133.4	3617.9	3850.2	4212.6
62.5°	3712.5	3679.7	3690.1	3798.8	*4218.6*	4261.3	4626.9	4327.4	3677.0	3911.4	4039.9
65°	4192.9	4136.6	4084.2	4159.6	*4672.8*	4714.9	4995.9	4479.9	3655.1	3792.8	3581.3
67.5°	4798.0	4742.3	4677.8	4748.8	*5341.9*	5375.2	5451.2	4565.7	3482.9	3335.9	2770.7
70°	5297.1	5276.3	5353.4	5645.8	*6410.5*	6411.6	6035.0	4494.7	3011.2	2365.1	1603.2
72.5°	5230.9	5218.4	5624.5	6528.5	*7757.3*	7728.3	6587.6	3956.8	2028.4	1067.0	600.7
75°	*4291.3*	*4372.8*	*5001.9*	*6512.7*	*8241.0*	*8237.2*	*6249.2*	*2515.4*	*839.0*	*442.2*	*310.5*
77.5°	2301.2	2430.2	3247.3	4808.4	*6433.4*	6530.2	4393.5	880.0	360.2	283.1	214.8
80°	750.5	863.1	1294.3	2448.2	*4180.4*	4162.3	1883.0	345.4	246.5	200.6	148.7
82.5°	318.7	331.8	578.3	1156.1	*2145.4*	2112.0	599.6	198.4	173.3	137.2	91.8
85°	124.6	139.4	255.3	534.6	*929.2*	909.0	216.5	98.4	111.0	89.6	54.7
87.5°	41.0	49.7	91.3	183.1	*289.1*	278.8	53.0	33.9	48.1	41.0	19.7
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°	1347.4	1347.4	1347.4	1347.4	1347.4	1347.4	1347.4	1347.4	1347.4	1347.4	1347.4
2.5°	1358.8	1367.6	1378.0	1393.3	1406.4	1417.3	1428.8	1435.9	1438.6	1446.8	1446.3
5°	1368.7	1387.8	1413.5	1438.6	1463.2	1478.0	1491.1	1497.7	1503.7	1508.1	1509.2
7.5°	1385.1	1409.7	1450.1	1482.9	1503.7	1515.7	1524.5	1522.3	1524.5	1525.5	1527.2
10°	1399.3	1433.7	1481.8	1513.0	1528.8	1529.4	1527.2	1519.5	1515.7	1516.3	1517.4
12.5°	1416.2	1454.5	1506.4	1532.7	1537.0	1525.0	1515.7	1502.6	1497.7	1495.5	1494.4
15°	1439.2	1482.9	1533.2	1543.0	1532.1	1516.8	1501.0	1479.6	1468.7	1460.0	1462.7
17.5°	1467.1	1515.2	1554.0	1546.9	1523.4	1498.2	1472.5	1440.3	1417.9	1408.6	1409.1
20°	1505.9	1549.1	1569.8	1538.7	1503.1	1464.9	1421.1	1381.8	1361.0	1351.7	1350.6
22.5°	1552.9	1594.4	1585.1	1524.5	1474.2	1413.0	1358.3	1329.3	1318.9	1312.4	1313.5
25°	1609.2	1644.7	1596.1	1503.7	1426.6	1344.1	1302.0	1292.7	1287.8	1282.9	1282.9
27.5°	1682.4	1701.6	1604.3	1473.1	1352.3	1270.8	1255.5	1257.2	1255.5	1247.3	1249.0
30°	1779.2	1775.3	1611.9	1423.3	1267.0	1204.7	1205.8	1212.9	1214.0	1208.5	1211.3
32.5°	1906.5	1867.7	1615.7	1358.8	1185.6	1146.8	1147.9	1155.5	1161.0	1151.7	1156.1
35°	2060.7	1975.4	1609.7	1277.9	1122.7	1091.6	1083.4	1085.5	1087.2	1078.4	1084.4
37.5°	2240.5	2096.2	1582.9	1188.3	1070.8	1037.4	1019.9	1005.2	996.4	988.2	993.7
40°	2437.8	2227.9	1533.7	1100.8	1012.8	980.0	953.8	925.9	896.4	885.5	890.4
42.5°	2644.4	2363.5	1474.2	1017.2	946.2	919.4	891.5	851.0	806.8	784.4	787.1
45°	2858.7	2502.3	1415.7	934.7	877.8	866.4	834.1	785.5	737.4	708.9	706.7
47.5°	3068.6	2633.5	1329.9	851.6	813.9	826.5	801.3	756.5	702.9	658.1	653.2
50°	3269.2	2756.5	1189.4	767.4	762.0	814.4	790.4	725.9	664.7	607.3	602.3
52.5°	3468.2	2856.0	1009.6	690.9	734.1	811.1	776.2	705.1	630.2	570.1	563.5
55°	3637.0	2907.3	836.3	625.3	693.6	783.3	759.2	680.5	581.6	517.6	512.2
57.5°	3733.3	2865.8	692.0	560.8	637.9	737.4	730.3	628.0	523.6	474.4	467.9
60°	3691.7	2697.5	573.9	504.5	584.9	687.6	680.0	576.1	479.4	432.9	426.3
62.5°	3462.7	2376.6	480.5	455.3	536.8	636.8	629.7	536.2	445.5	400.7	393.5
65°	3001.4	1933.3	407.8	414.3	488.1	575.6	586.0	502.9	418.7	375.0	367.9
67.5°	2289.1	1400.4	350.9	378.8	440.6	515.4	545.5	478.8	396.3	354.7	348.2
70°	1304.7	795.3	302.8	344.4	398.5	459.7	514.3	459.7	372.2	337.8	333.4
72.5°	494.7	365.1	261.8	309.9	358.0	412.7	479.9	429.6	344.4	318.7	314.3
75°	*264.0*	*222.5*	*220.3*	*269.5*	*311.6*	*366.8*	*436.7*	*400.1*	*323.6*	*336.7*	*347.6*
77.5°	179.8	157.4	184.2	230.7	260.7	315.9	390.8	355.3	280.4	279.3	257.4
80°	124.6	111.5	149.8	185.8	201.7	265.6	341.1	305.0	228.5	213.2	203.9
82.5°	74.9	72.7	112.1	138.8	142.7	205.0	282.6	255.8	186.9	162.9	164.0
85°	41.0	43.2	71.6	81.4	83.1	143.2	221.4	197.9	143.8	120.8	121.9
87.5°	11.5	14.8	26.2	32.2	39.9	74.3	131.7	117.5	72.2	50.3	50.3
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)