Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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: P1201965

Luminaire Tested: GWC-SB1C-827-U-SL2

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201965
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-10)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1C-827-U-SL2
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE II SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6507 lumens
Efficiency:	N/A
Efficacy:	119.6 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):	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

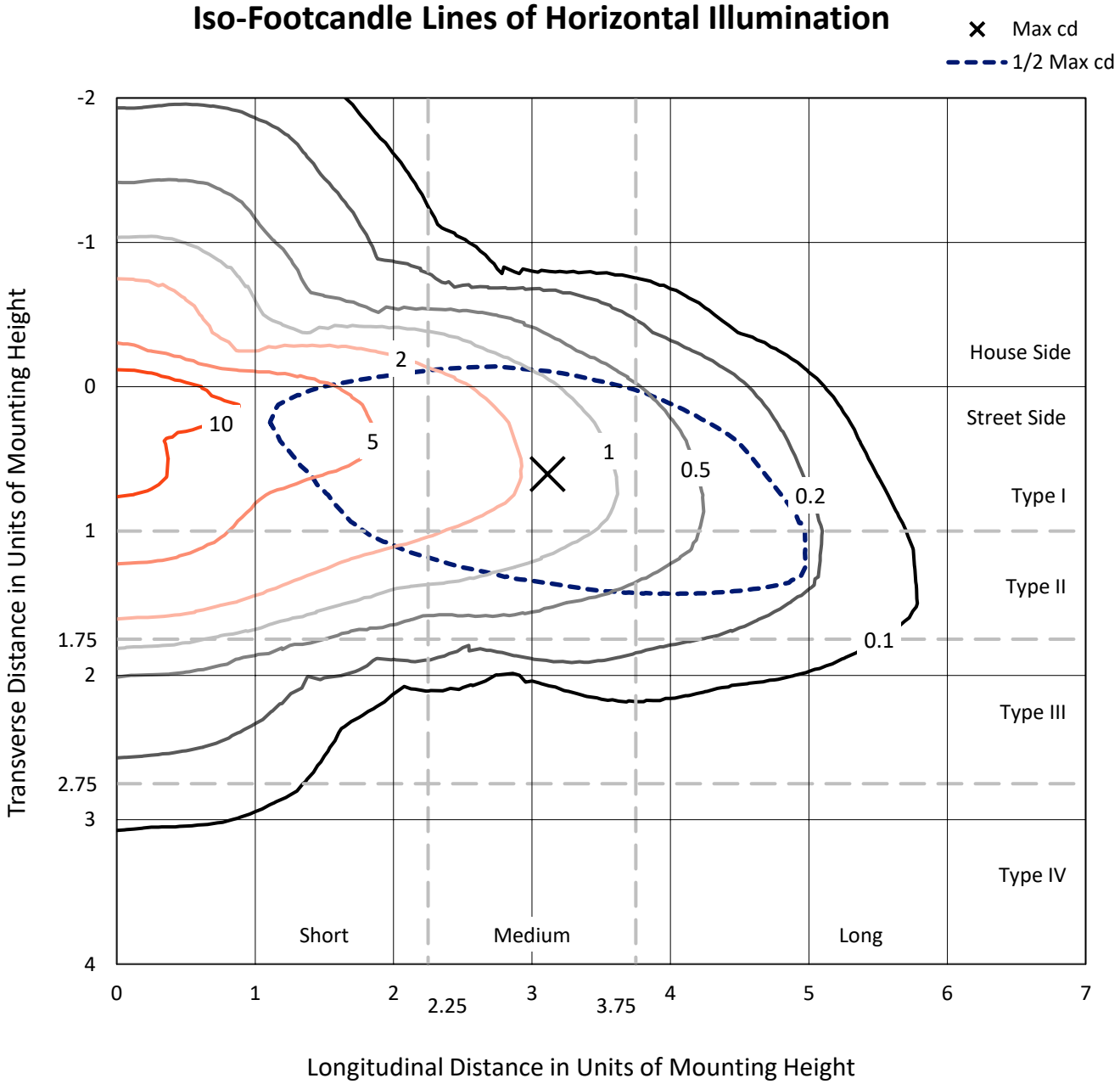


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Iso-Footcandle Lines of Horizontal Illumination



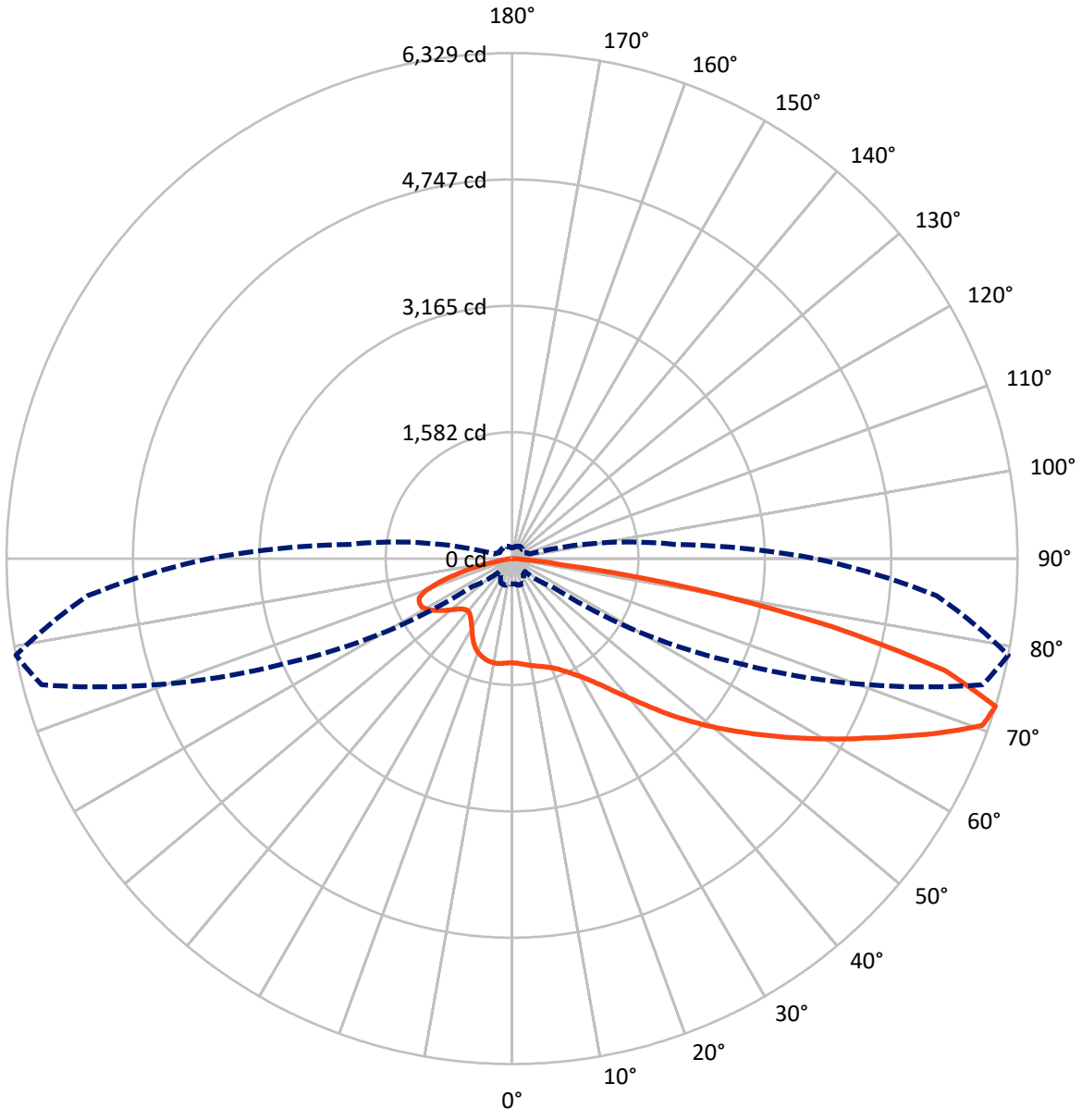
Based on 10 foot mounting height. Maximum calculated value = 13.1 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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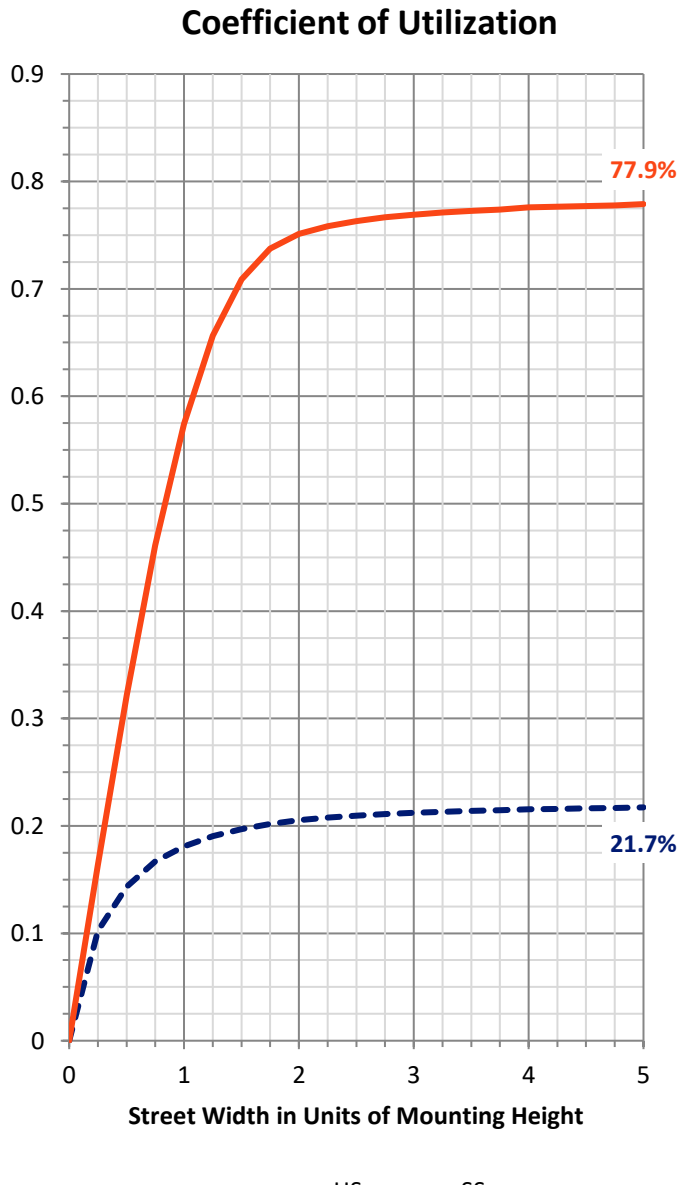
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1431.9	0.0	1431.9
	% Fixture	22.0	0.0	22.0
Street Side	Lumens	5075.1	0.0	5075.1
	% Fixture	78.0	0.0	78.0
Total	Lumens	6507.0	0.0	6507.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	118.6	1.8
10°-20°	310.0	4.8
20°-30°	500.2	7.7
30°-40°	750.7	11.5
40°-50°	1065.0	16.4
50°-60°	1344.9	20.7
60°-70°	1365.9	21.0
70°-80°	930.9	14.3
80°-90°	120.8	1.9
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°	6507.0	100.0
0°-180°	6507.0	100.0



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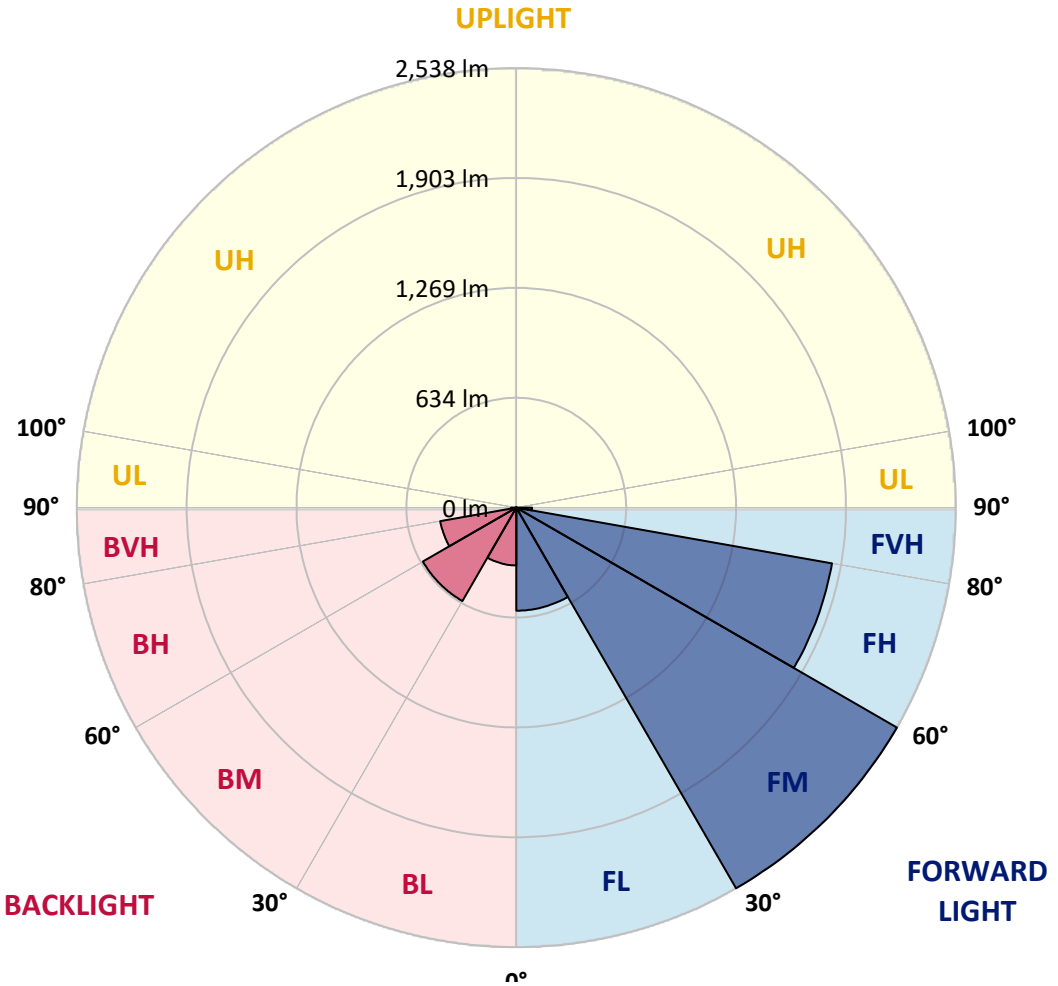
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	595.2	9.1			
FM	(30°-60°)	2537.9	39.0			
FH	(60°-80°)	1851.0	28.4			G2/5000
FVH	(80°-90°)	91.0	1.4			G1/100
BL	(0°-30°)	333.5	5.1	B1/500		
BM	(30°-60°)	622.7	9.6	B1/1000		
BH	(60°-80°)	445.9	6.9	B1/500		G1/500
BVH	(80°-90°)	29.8	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-G2
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	1306.2	1306.2	1306.2	1306.2	1306.2	1306.2	1306.2	1306.2	1306.2	*1306.2*	1306.2
2.5°	1306.9	1300.7	1304.5	1303.1	1304.8	1306.9	1307.6	1308.6	1312.1	*1311.7*	1311.4
5°	1304.2	1298.0	1303.1	1301.4	1305.9	1310.7	1314.8	1318.6	1324.1	*1326.5*	1323.1
7.5°	1298.3	1294.2	1299.3	1304.5	1312.8	1320.0	1325.8	1334.4	1342.4	*1343.7*	1346.1
10°	1264.2	1261.1	1273.2	1286.6	1309.3	1328.9	1341.7	1351.7	1360.3	*1361.6*	1365.1
12.5°	1228.8	1225.0	1238.4	1256.7	1293.5	1328.9	1355.8	1368.9	1376.4	*1380.9*	1386.1
15°	1222.9	1219.8	1227.4	1243.2	1273.9	1319.6	1365.4	1389.5	1396.1	*1401.2*	1403.3
17.5°	1251.1	1245.3	1248.4	1253.9	1271.8	1311.0	1373.0	1412.9	1422.9	*1428.4*	1428.4
20°	1316.5	1308.3	1303.5	1292.5	1289.4	1312.4	1372.3	1441.1	1454.2	*1461.1*	1462.8
22.5°	1403.6	1398.1	1387.8	1359.9	1329.6	1329.3	1385.4	1477.3	1501.7	*1508.3*	1504.1
25°	1508.9	1500.7	1487.6	1449.7	1391.6	1362.7	1407.4	1523.4	1564.4	*1566.1*	1554.0
27.5°	1630.1	1617.7	1599.8	1549.9	1471.4	1415.0	1441.1	1576.4	1636.3	*1635.6*	1610.8
30°	1757.8	1745.4	1726.5	1665.9	1567.1	1485.5	1488.0	1633.5	1721.7	*1717.9*	1675.5
32.5°	1851.1	1841.8	1838.0	1791.2	1677.3	1568.8	1541.6	1696.9	1827.0	*1823.5*	1764.3
35°	1922.7	1910.6	1915.1	1891.3	1797.4	1662.1	1607.4	1772.3	1955.0	*1954.7*	1881.0
37.5°	1993.6	1982.9	1986.7	1970.9	1908.6	1780.5	1687.6	1864.5	2113.7	*2121.3*	2022.1
40°	2058.3	2046.9	2062.1	2047.3	1995.0	1906.5	1778.8	1968.8	2297.5	*2312.0*	2192.9
42.5°	2097.2	2088.2	2113.4	2113.7	2070.0	2012.8	1879.0	2083.8	2510.2	*2542.6*	2402.8
45°	2110.6	2107.5	2145.4	2153.3	2136.4	2074.5	1969.1	2209.0	2739.4	*2797.3*	2642.0
47.5°	2096.1	2090.3	2142.6	2171.9	2185.3	2103.4	2043.8	2344.7	2973.5	*3058.2*	2902.9
50°	2023.2	2011.8	2089.6	2151.2	2199.1	2122.3	2119.2	2501.3	3239.6	*3332.1*	3165.2
52.5°	1892.0	1883.4	1971.9	2078.9	2168.8	2131.6	2203.9	2672.3	3492.2	*3612.0*	3434.0
55°	1724.4	1713.1	1810.5	1950.2	2093.4	2128.5	2288.5	2863.7	3790.3	*3911.8*	3711.8
57.5°	1458.7	1436.0	1559.2	1724.4	1970.5	2124.7	2376.7	3054.0	4093.2	*4238.8*	4008.1
60°	1071.1	1037.4	1188.5	1384.4	1730.3	2087.9	2485.8	3267.4	4456.6	*4587.8*	4331.7
62.5°	623.7	604.1	702.8	885.6	1304.2	1871.0	2547.0	3515.6	4813.9	*4951.6*	4649.7
65°	484.3	478.8	487.4	501.5	725.9	1400.9	2358.1	3757.6	5268.2	*5364.6*	4981.2
67.5°	443.0	438.8	442.6	416.1	368.3	780.3	1865.5	3818.8	5754.9	*5813.4*	5271.3
70°	393.8	388.9	401.3	378.6	289.8	354.9	1205.4	3596.5	6142.2	*6252.0*	5492.0
72.5°	*320.8*	*315.3*	*344.2*	*333.9*	*244.0*	*227.9*	*605.4*	*3068.2*	*6101.5*	*6329.4*	*5334.0*
75°	246.4	243.3	277.8	286.4	198.9	179.3	290.5	2280.6	5369.4	*5599.0*	4597.1
77.5°	191.4	189.0	206.5	237.8	160.4	139.1	178.6	1446.6	4046.4	*4086.6*	3168.0
80°	143.5	136.6	152.8	184.1	124.9	101.5	121.2	843.6	2557.7	*2318.5*	1378.8
82.5°	89.8	86.4	99.8	122.9	88.1	69.9	78.8	466.0	1025.0	*603.7*	266.1
85°	51.3	49.9	54.4	70.2	47.8	40.3	45.1	205.8	187.2	*128.7*	80.2
87.5°	20.7	20.0	24.8	31.3	17.6	14.8	15.8	49.6	41.3	*38.2*	26.5
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°	1306.2	1306.2	1306.2	1306.2	1306.2	1306.2	1306.2	1306.2	1306.2	1306.2	1306.2
2.5°	1310.0	1310.0	1305.2	1297.6	1289.0	1283.5	1274.6	1272.1	1262.8	1260.1	1264.6
5°	1325.8	1323.1	1308.3	1286.9	1257.7	1230.8	1201.2	1182.7	1156.5	1147.2	1154.1
7.5°	1345.8	1338.2	1312.8	1265.9	1204.7	1144.4	1081.8	1034.3	988.9	972.7	974.8
10°	1364.0	1353.4	1310.0	1228.1	1122.1	1017.8	918.0	848.1	795.1	773.4	778.2
12.5°	1382.3	1362.7	1291.8	1165.1	1004.7	863.2	756.9	702.5	669.8	643.6	652.2
15°	1399.5	1372.0	1263.5	1080.8	876.0	732.4	654.0	610.6	584.4	567.2	570.3
17.5°	1419.5	1379.9	1221.2	973.7	753.4	641.9	577.9	551.7	546.6	544.5	545.9
20°	1447.3	1387.1	1165.4	853.9	663.3	569.6	536.6	534.2	533.8	532.8	536.3
22.5°	1477.3	1395.7	1091.8	745.2	586.5	524.6	518.7	513.9	510.8	510.4	514.2
25°	1512.7	1398.5	999.5	656.0	521.1	503.2	496.3	489.1	487.0	487.0	489.1
27.5°	1547.2	1389.2	892.2	578.6	484.3	483.6	474.6	472.2	471.9	472.9	475.7
30°	1581.6	1371.6	785.5	507.0	462.9	462.9	459.8	461.6	462.9	466.4	468.8
32.5°	1628.0	1353.0	696.3	454.0	444.4	440.9	444.0	447.5	448.8	453.3	457.1
35°	1696.2	1339.9	625.4	425.1	425.1	420.6	422.3	421.6	418.5	416.5	421.3
37.5°	1786.4	1339.3	566.9	411.7	408.9	408.2	408.6	404.1	392.0	377.6	377.9
40°	1894.8	1357.8	521.8	402.4	400.3	404.4	402.4	390.3	357.3	332.1	331.5
42.5°	2040.4	1410.9	492.9	391.0	397.2	402.4	394.1	352.5	330.1	313.2	312.5
45°	2211.8	1496.9	478.1	379.0	391.3	397.5	357.6	339.4	321.5	301.2	299.8
47.5°	2405.9	1605.3	474.6	367.6	378.3	382.1	342.1	333.9	313.6	291.5	289.8
50°	2617.3	1733.7	483.9	354.2	359.3	346.3	337.0	329.4	308.4	286.7	284.3
52.5°	2835.8	1875.2	502.5	335.9	340.4	326.0	334.9	328.4	305.3	276.0	274.0
55°	3050.6	2017.7	520.4	314.6	321.1	307.7	329.1	324.2	291.2	258.1	256.4
57.5°	3268.8	2159.5	538.0	295.7	302.5	290.2	319.8	313.2	275.4	241.6	240.9
60°	3495.6	2297.2	546.2	277.4	282.2	274.0	305.6	294.3	257.5	224.8	223.7
62.5°	3708.0	2411.8	532.8	259.2	262.3	258.8	287.1	271.9	239.6	205.8	205.5
65°	3921.1	2479.9	491.5	241.3	242.0	240.2	260.9	247.8	218.6	189.3	187.2
67.5°	4114.2	2518.1	425.8	222.0	220.3	219.6	236.5	221.7	198.3	172.8	170.7
70°	4155.1	2421.1	325.3	199.3	199.3	197.6	209.6	194.5	175.9	155.2	154.5
72.5°	*3795.1*	*2036.6*	*231.0*	*173.5*	*176.2*	*172.8*	*182.8*	*170.0*	*153.2*	*139.4*	*135.3*
75°	3060.2	1493.5	168.0	147.0	151.8	145.9	155.2	146.3	131.8	131.5	118.4
77.5°	2102.7	923.5	121.8	121.2	124.6	117.0	127.7	122.9	109.8	103.9	97.4
80°	897.3	368.3	88.8	93.6	93.6	86.7	99.1	100.5	89.1	86.4	86.4
82.5°	178.6	104.6	62.3	64.4	60.6	58.5	70.2	77.8	107.4	119.4	119.8
85°	53.7	38.5	37.5	35.1	31.0	31.3	41.3	78.1	96.4	55.1	47.5
87.5°	14.8	9.6	10.0	7.9	6.5	8.6	14.1	59.2	32.4	13.8	11.7
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)