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: P1198417

Luminaire Tested: GPC-SB1C-827-U-T2

Issue Date: 10/30/2025

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1198417
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-3)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1C-827-U-T2
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 2700K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE II OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6487 lumens
Efficiency:	N/A
Efficacy:	119.2 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B2 - 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

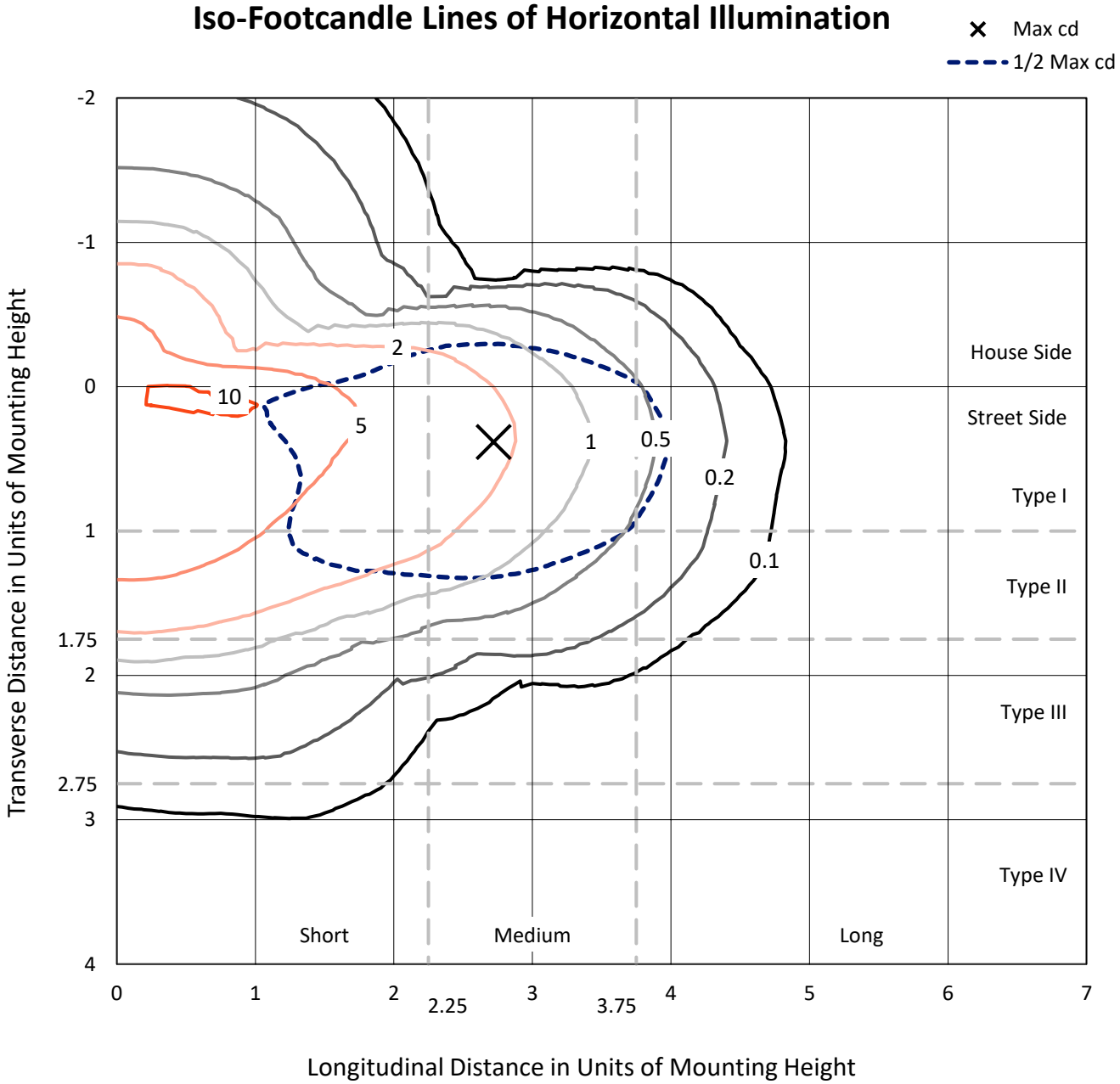


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Iso-Footcandle Lines of Horizontal Illumination



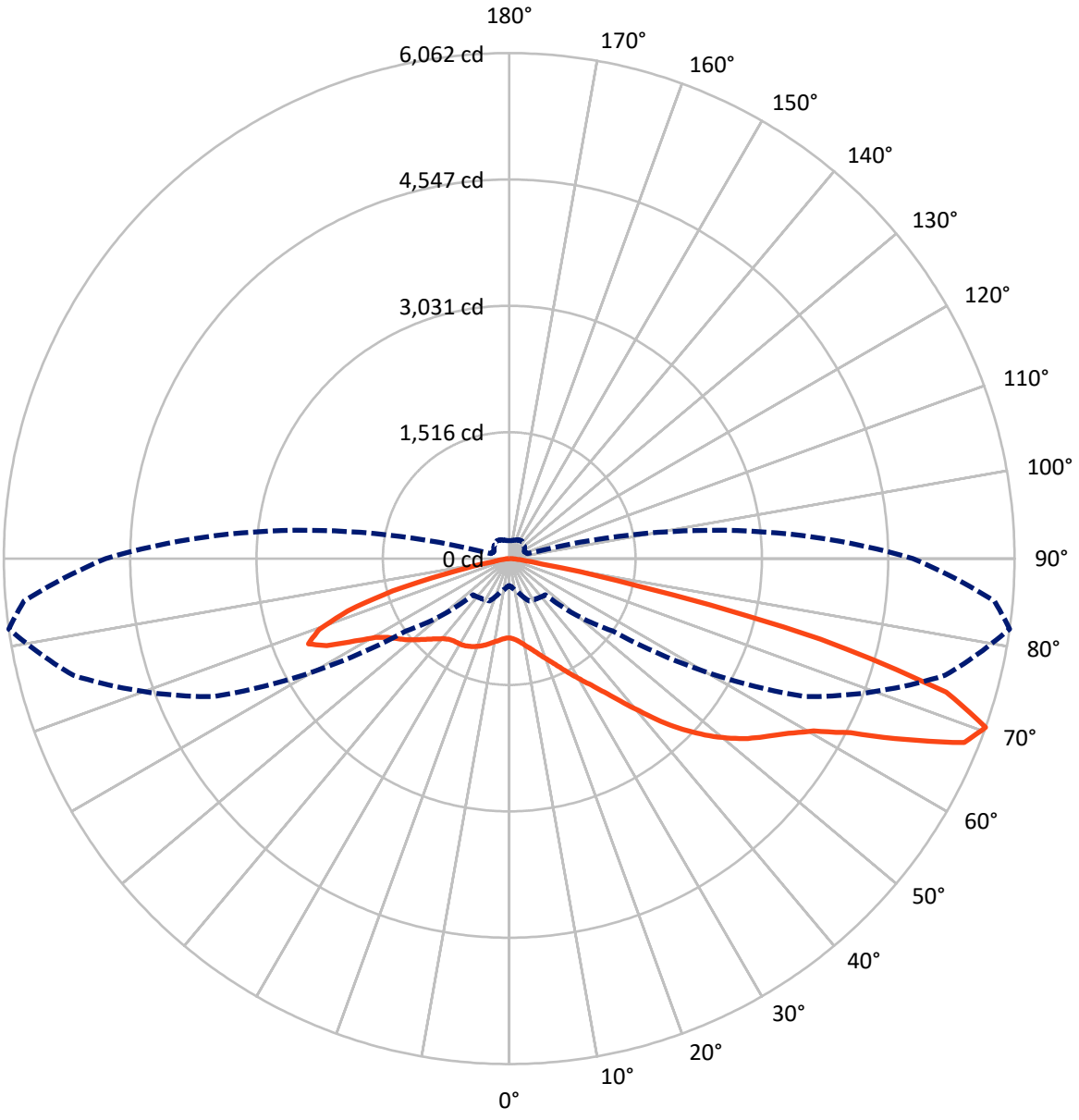
Based on 10 foot mounting height. Maximum calculated value = 10.8 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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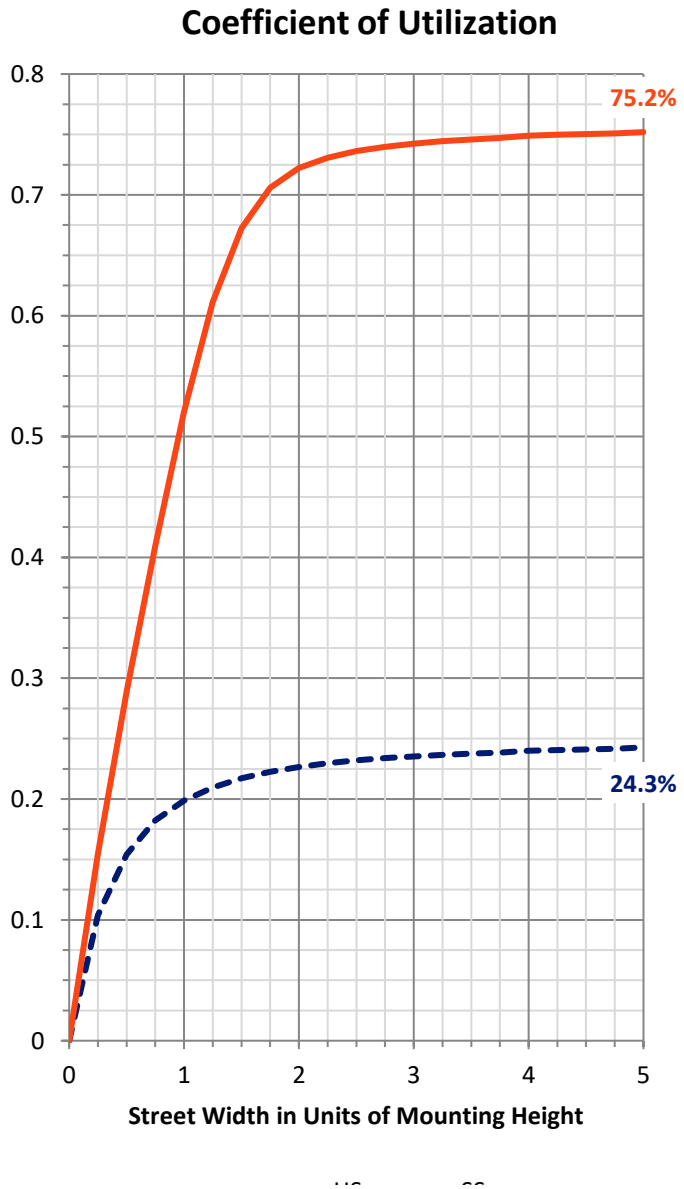
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1599.2	0.0	1599.2
	% Fixture	24.7	0.0	24.7
Street Side	Lumens	4887.8	0.0	4887.8
	% Fixture	75.3	0.0	75.3
Total	Lumens	6487.0	0.0	6487.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.8	1.4
10°-20°	258.0	4.0
20°-30°	431.6	6.7
30°-40°	674.3	10.4
40°-50°	1073.9	16.6
50°-60°	1494.4	23.0
60°-70°	1563.2	24.1
70°-80°	817.0	12.6
80°-90°	84.8	1.3
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°	6487.0	100.0
0°-180°	6487.0	100.0



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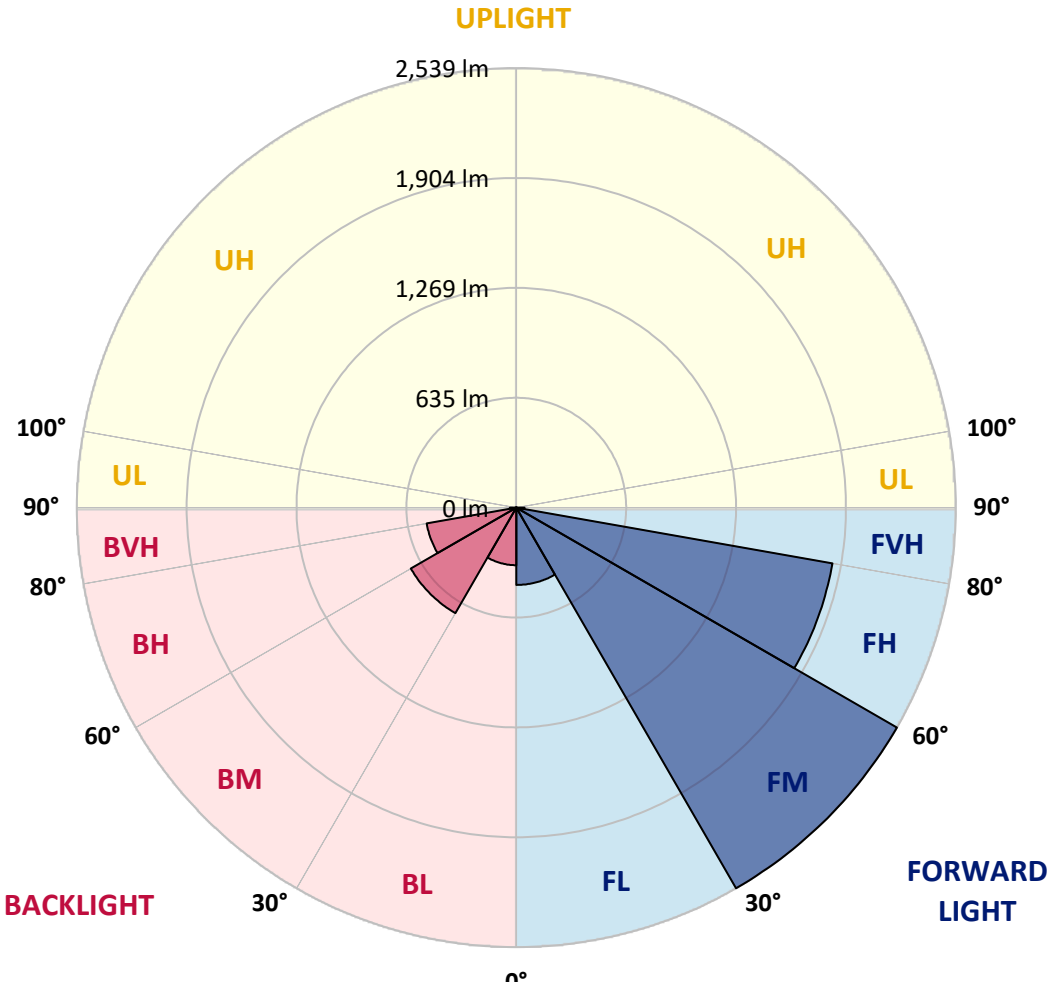
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	446.7	6.9			
FM	(30°-60°)	2538.9	39.1			
FH	(60°-80°)	1854.7	28.6			G2/5000
FVH	(80°-90°)	47.5	0.7			G1/100
BL	(0°-30°)	332.7	5.1	B1/500		
BM	(30°-60°)	703.6	10.8	B1/1000		
BH	(60°-80°)	525.6	8.1	B2/1000		G2/1000
BVH	(80°-90°)	37.3	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 II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	951.1	951.1	951.1	951.1	951.1	951.1	951.1	951.1	951.1	*951.1*	951.1
2.5°	973.8	979.3	977.6	975.9	975.9	973.4	973.1	969.7	966.9	*962.4*	961.4
5°	986.2	992.0	991.3	992.7	997.2	998.2	999.3	997.2	991.7	*986.2*	983.8
7.5°	975.2	981.7	983.8	992.0	1005.8	1018.2	1027.5	1031.3	1026.1	*1018.2*	1014.4
10°	938.0	945.2	952.5	972.1	996.5	1025.8	1050.6	1065.4	1064.3	*1056.8*	1050.2
12.5°	862.6	870.2	885.7	923.9	968.6	1020.3	1066.4	1097.4	1108.0	*1102.5*	1091.2
15°	802.4	808.9	820.6	859.9	918.0	996.5	1072.2	1132.5	1159.7	*1156.6*	1142.8
17.5°	800.7	803.4	810.6	829.2	874.0	959.3	1066.0	1166.9	1218.9	*1218.5*	1201.3
20°	830.9	832.0	836.1	839.9	865.4	931.1	1050.2	1195.5	1285.3	*1285.3*	1266.7
22.5°	872.9	872.2	876.4	872.9	885.3	928.7	1040.2	1220.6	1359.3	*1364.8*	1341.4
25°	935.9	932.5	931.5	923.5	925.9	951.1	1051.2	1249.2	1447.1	*1458.5*	1429.2
27.5°	1019.9	1014.4	1010.6	992.4	986.2	997.2	1085.0	1283.6	1544.9	*1564.5*	1527.3
30°	1129.4	1119.4	1113.9	1082.2	1059.8	1061.6	1135.9	1329.4	1647.1	*1678.8*	1631.6
32.5°	1278.8	1263.3	1248.5	1196.5	1155.5	1142.1	1201.7	1392.7	1757.9	*1808.5*	1747.9
35°	1446.1	1433.7	1417.8	1337.6	1274.6	1243.7	1290.5	1481.2	1887.7	*1967.9*	1889.1
37.5°	1607.2	1596.5	1604.1	1496.0	1414.7	1369.6	1406.8	1599.9	2047.8	*2166.2*	2066.0
40°	1773.8	1765.5	1766.5	1663.3	1568.6	1518.0	1547.9	1749.0	2231.2	*2402.0*	2278.7
42.5°	1954.8	1948.6	1928.0	1836.4	1730.0	1682.9	1710.4	1921.1	2428.1	*2670.4*	2512.1
45°	2157.6	2153.8	2134.5	2029.5	1907.7	1854.6	1891.8	2111.1	2626.0	*2923.1*	2746.5
47.5°	2332.8	2335.9	2333.5	2245.0	2118.7	2040.9	2085.3	2309.4	2810.2	*3160.6*	2971.3
50°	2417.1	2433.3	2457.0	2429.5	2351.0	2271.8	2280.4	2500.7	2985.8	*3383.3*	3186.8
52.5°	2373.0	2403.7	2468.4	2512.4	2542.7	2526.2	2503.2	2690.8	3151.0	*3584.3*	3390.6
55°	2208.8	2251.9	2359.3	2465.6	2620.2	2740.3	2770.6	2901.4	3312.1	*3761.3*	3583.3
57.5°	1909.7	1979.6	2076.0	2291.1	2551.3	2843.9	3082.5	3193.7	3482.8	*3950.2*	3785.0
60°	1396.8	1490.5	1610.3	1930.4	2310.4	2788.5	3347.9	3642.5	3725.5	*4195.0*	4047.7
62.5°	893.9	951.8	1061.9	1363.4	1800.3	2504.5	3429.1	4203.6	4136.8	*4596.3*	4441.4
65°	612.0	649.2	750.1	919.4	1163.8	1864.3	3211.6	4624.2	4790.1	*5232.5*	5114.7
67.5°	444.7	473.0	559.0	707.4	758.3	1103.2	2492.1	4605.0	5425.2	*5887.9*	5704.7
70°	*324.3*	*344.2*	*416.5*	*559.0*	*583.5*	*613.7*	*1509.7*	*3914.5*	*5411.5*	*6062.0*	*5842.8*
72.5°	240.3	254.0	302.6	433.7	472.3	414.4	747.3	2845.0	4650.0	*5483.1*	5307.2
75°	173.8	184.2	220.0	331.8	378.0	315.6	372.8	1662.6	3243.6	*3857.0*	3887.9
77.5°	132.9	140.8	164.2	243.0	302.6	236.8	231.3	764.9	1538.0	*1545.5*	1632.3
80°	106.7	111.9	124.6	171.1	232.0	177.3	150.8	308.8	486.0	*411.3*	431.6
82.5°	78.5	87.1	105.3	120.1	165.9	122.2	91.9	155.9	184.8	*159.0*	160.4
85°	44.7	50.6	63.7	86.1	106.0	74.7	52.7	69.2	86.1	*70.6*	63.0
87.5°	15.8	20.7	22.4	33.7	46.1	31.0	20.3	20.0	28.2	*21.0*	17.6
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°	951.1	951.1	951.1	951.1	951.1	951.1	951.1	951.1	951.1	951.1	951.1
2.5°	958.0	956.2	949.4	940.1	930.4	921.1	918.0	911.5	907.0	904.6	907.4
5°	977.2	971.7	955.6	934.9	913.2	889.8	873.3	858.1	847.1	836.8	840.9
7.5°	1004.8	995.1	967.3	931.1	892.6	853.7	824.7	802.7	787.9	778.3	780.3
10°	1036.8	1022.0	979.3	925.3	865.7	809.9	775.9	756.9	747.6	742.5	743.9
12.5°	1073.6	1052.6	991.7	911.8	824.7	761.1	737.7	732.2	732.5	732.8	733.5
15°	1119.1	1089.8	1001.7	882.6	771.4	723.5	719.4	728.4	737.7	742.1	741.8
17.5°	1170.3	1129.0	1003.4	834.4	719.1	699.5	712.5	731.8	745.9	752.1	753.5
20°	1225.4	1169.0	991.0	766.2	676.0	679.8	703.2	728.0	743.5	751.4	753.5
22.5°	1288.4	1211.6	961.4	694.6	640.9	658.5	686.0	710.1	726.3	734.2	736.3
25°	1360.4	1259.5	914.9	634.4	610.6	634.4	661.9	681.9	695.0	702.2	704.3
27.5°	1440.2	1309.4	853.0	586.5	584.1	609.6	632.3	647.8	654.7	660.2	662.3
30°	1520.4	1354.8	777.9	550.4	561.1	585.2	601.3	608.2	610.3	611.3	613.7
32.5°	1607.2	1394.1	699.1	520.5	539.0	561.4	571.1	574.2	564.5	558.0	560.0
35°	1712.1	1436.1	622.0	496.7	517.4	536.6	539.7	537.0	525.6	512.2	512.9
37.5°	1841.9	1488.4	560.4	479.8	497.1	509.8	506.0	505.3	506.3	490.5	491.5
40°	2000.9	1556.6	515.3	466.8	480.5	483.3	472.6	478.5	483.6	459.5	460.2
42.5°	2177.5	1638.8	486.7	457.8	466.8	460.2	443.7	450.2	449.5	417.9	417.5
45°	2357.6	1728.3	476.7	451.3	454.0	440.9	422.7	424.4	410.0	381.4	382.4
47.5°	2536.5	1824.4	482.9	445.8	438.2	423.4	409.3	401.7	380.4	359.0	359.0
50°	2712.1	1925.2	505.7	434.7	416.5	407.9	397.6	384.1	361.4	343.2	341.8
52.5°	2874.9	2026.8	531.1	416.5	389.3	394.5	387.9	372.4	350.1	331.5	331.8
55°	3029.1	2128.3	541.1	391.4	363.8	382.8	379.0	350.4	323.6	308.4	307.0
57.5°	3197.1	2250.5	530.1	359.4	343.2	369.3	354.9	323.2	307.7	296.4	295.3
60°	3429.8	2442.2	506.3	319.8	323.6	349.4	324.6	311.5	294.7	281.9	281.2
62.5°	3816.3	2799.9	468.1	280.5	300.5	319.8	310.1	297.1	279.8	267.5	267.5
65°	4387.8	3296.9	396.2	249.9	274.7	290.9	294.7	281.6	263.7	250.6	251.3
67.5°	4869.7	3608.8	299.8	224.4	248.2	267.5	278.1	265.4	246.5	233.7	234.1
70°	*4843.2*	*3382.3*	*228.9*	*199.3*	*224.8*	*244.4*	*258.2*	*248.2*	*227.9*	*215.8*	*216.9*
72.5°	4301.7	2829.5	185.2	173.8	201.0	220.3	236.8	229.2	208.6	196.9	196.9
75°	3160.3	2008.5	148.0	148.0	171.4	195.2	213.4	208.6	189.7	181.4	179.0
77.5°	1332.1	842.6	116.0	122.9	142.5	167.6	190.4	192.1	175.6	185.9	168.7
80°	354.2	232.3	88.5	96.7	111.9	138.4	165.6	164.9	147.0	137.3	127.7
82.5°	134.9	91.6	63.0	68.2	80.9	106.0	131.1	135.3	117.4	101.5	101.5
85°	52.0	39.2	38.9	41.0	47.2	70.2	99.1	102.6	88.5	75.0	77.4
87.5°	13.4	11.7	14.5	13.8	21.7	37.5	56.8	58.9	54.0	31.3	44.7
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)