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: P1198406

Luminaire Tested: GPC-SB1C-827-U-SL3-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1198406
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-13)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1C-827-U-SL3-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 2700K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE III SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5272 lumens
Efficiency:	N/A
Efficacy:	96.9 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - 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

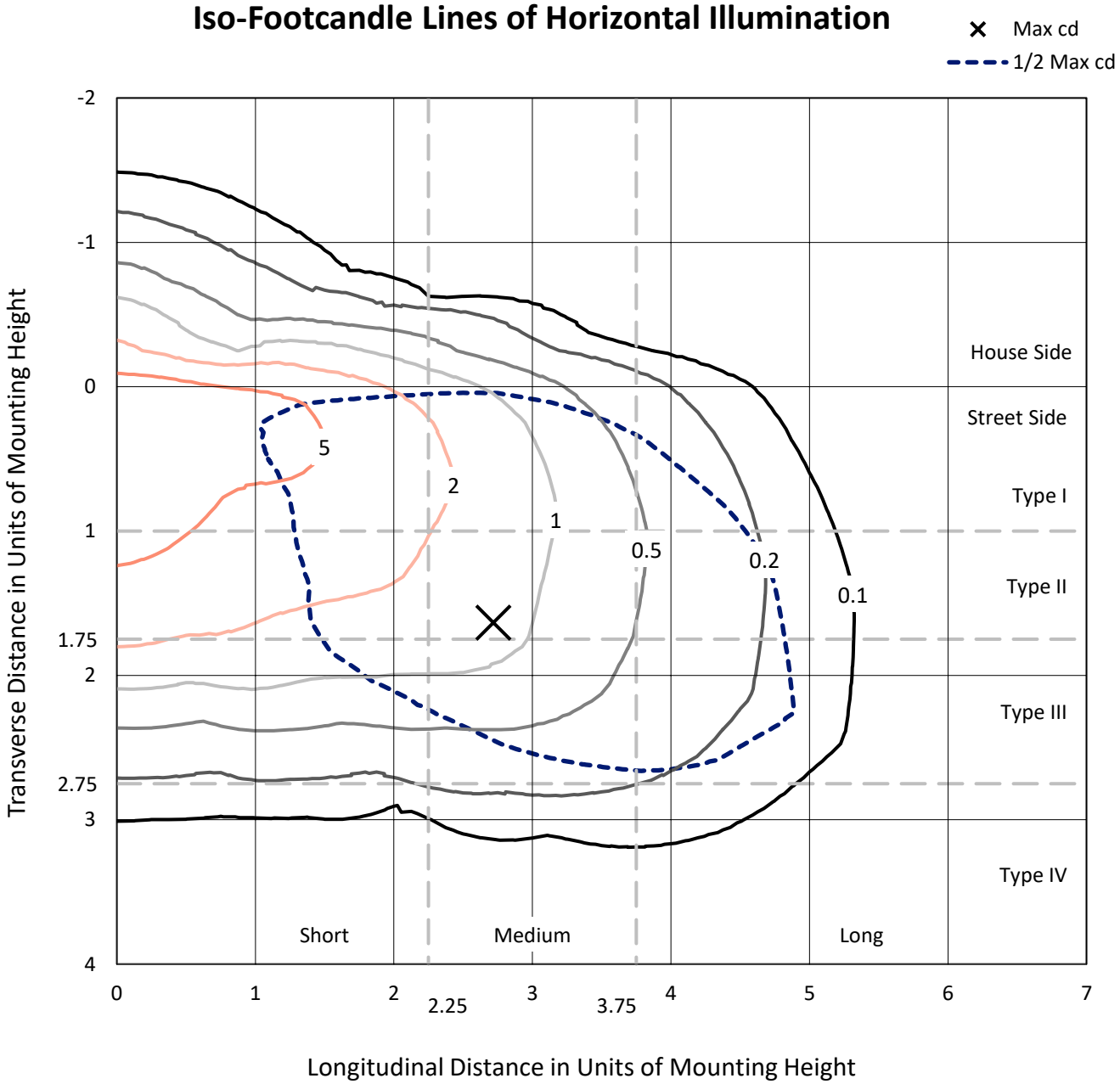


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Iso-Footcandle Lines of Horizontal Illumination



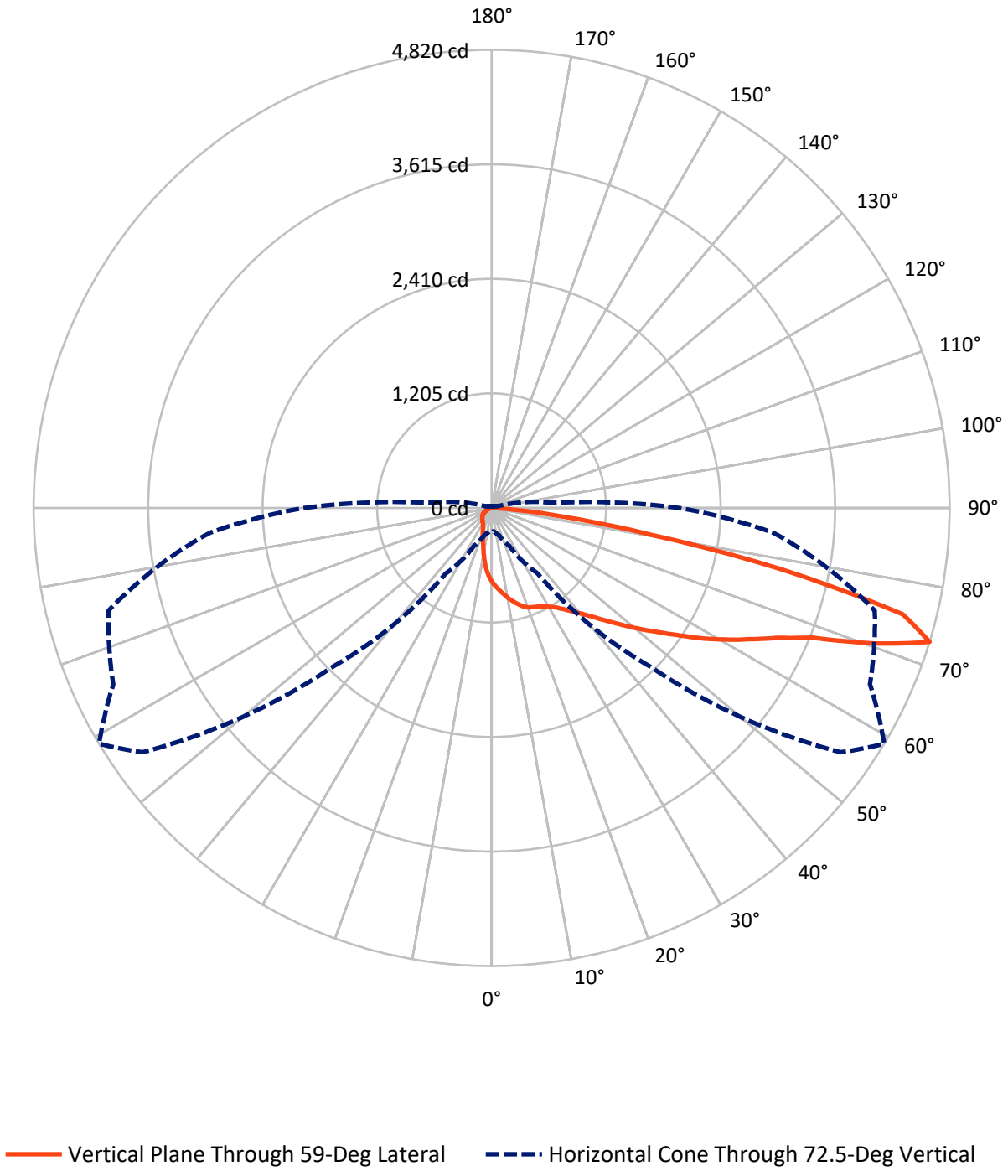
Based on 10 foot mounting height. Maximum calculated value = 9.6 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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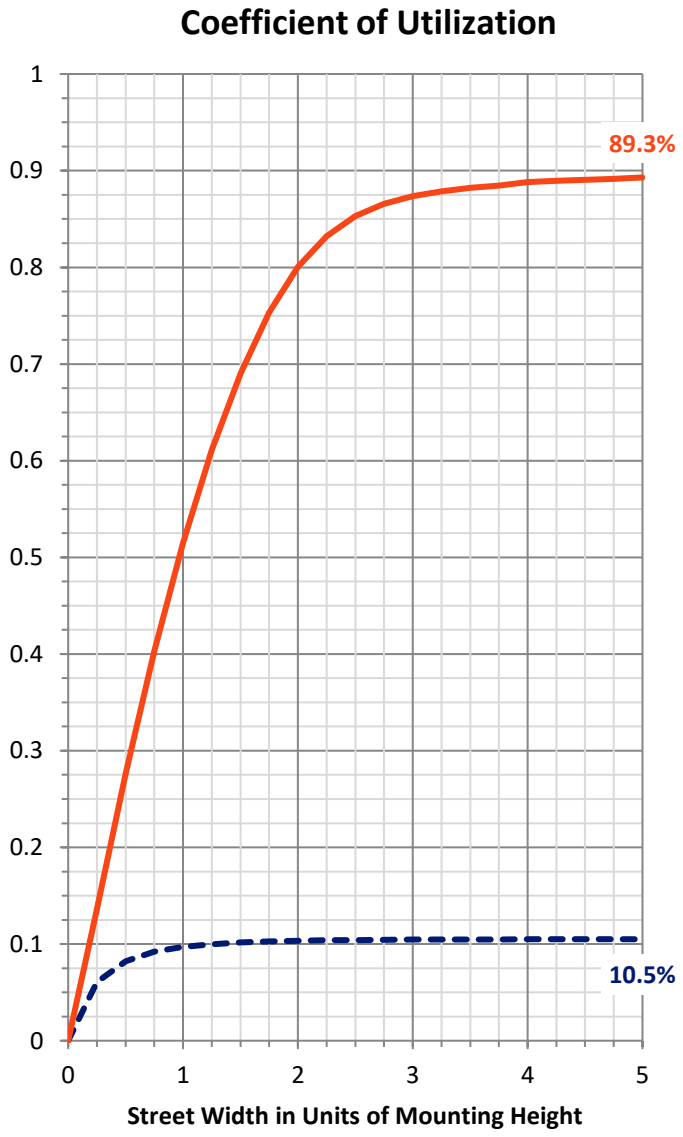
REPORT NUMBER: P1198406
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	556.8	0.0	556.8
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	4715.2	0.0	4715.2
	% Fixture	89.4	0.0	89.4
Total	Lumens	5272.0	0.0	5272.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.5	1.3
10°-20°	187.3	3.6
20°-30°	296.9	5.6
30°-40°	476.5	9.0
40°-50°	761.1	14.4
50°-60°	1101.9	20.9
60°-70°	1307.7	24.8
70°-80°	970.8	18.4
80°-90°	99.3	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°	5272.0	100.0
0°-180°	5272.0	100.0



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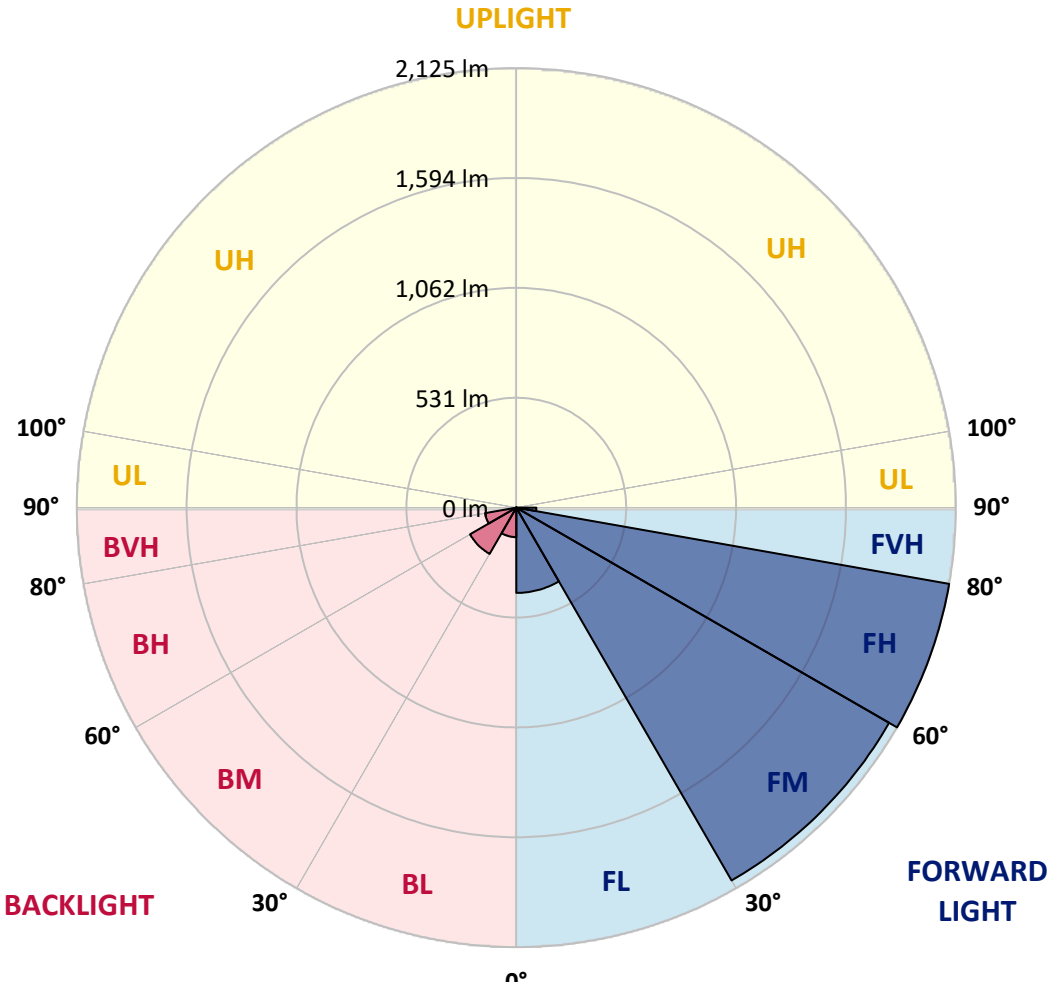
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	412.2	7.8			
FM	(30°-60°)	2081.3	39.5			
FH	(60°-80°)	2124.9	40.3			G2/5000
FVH	(80°-90°)	96.8	1.8			G1/100
BL	(0°-30°)	142.6	2.7	B1/500		
BM	(30°-60°)	258.2	4.9	B1/1000		
BH	(60°-80°)	153.6	2.9	B1/500		G1/500
BVH	(80°-90°)	2.5	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	779.6	779.6	779.6	779.6	779.6	779.6	779.6	*779.6*	779.6	779.6	779.6
2.5°	865.0	860.1	860.8	852.6	846.7	840.5	828.5	*826.8*	818.2	803.0	787.5
5°	940.3	937.2	934.5	925.2	913.2	898.0	877.7	*870.5*	854.6	828.5	798.2
7.5°	995.4	991.6	993.0	983.7	974.1	957.2	929.3	*915.9*	894.9	855.0	809.2
10°	1006.1	1004.0	1013.0	1016.4	1016.4	1005.7	978.5	*965.1*	934.5	883.6	820.6
12.5°	946.2	946.5	968.9	995.8	1030.9	1040.8	1022.6	*1008.1*	977.9	913.8	835.0
15°	876.3	876.7	898.4	932.8	990.3	1047.7	1062.2	*1052.9*	1021.6	946.5	851.9
17.5°	834.3	832.6	847.1	875.3	935.5	1016.4	1086.3	*1092.5*	1067.0	982.7	870.5
20°	828.5	825.4	833.0	847.1	890.1	977.2	1089.0	*1118.3*	1113.8	1023.6	891.8
22.5°	864.3	859.5	855.3	856.0	874.3	944.5	1082.2	*1132.7*	1162.0	1072.9	921.1
25°	935.2	927.6	914.2	897.0	893.2	937.6	1077.3	*1148.6*	1206.8	1135.8	959.6
27.5°	1021.9	1011.2	985.4	959.6	937.6	956.9	1087.3	*1173.7*	1257.3	1209.2	1004.4
30°	1117.3	1104.2	1078.4	1029.5	994.4	999.9	1111.1	*1206.8*	1322.1	1292.1	1060.5
32.5°	1257.3	1227.1	1182.0	1107.3	1060.8	1046.4	1146.9	*1248.7*	1402.3	1402.6	1141.7
35°	1377.5	1360.6	1315.2	1222.2	1126.9	1108.0	1194.0	*1307.9*	1513.4	1548.9	1255.3
37.5°	1456.3	1433.2	1393.3	1323.4	1229.5	1171.3	1257.0	*1380.6*	1631.1	1715.5	1395.4
40°	1544.4	1521.7	1468.7	1402.9	1348.6	1280.1	1336.5	*1464.2*	1760.2	1886.5	1555.4
42.5°	1650.8	1621.2	1558.5	1487.6	1430.8	1423.2	1440.5	*1568.5*	1892.7	2072.4	1722.0
45°	1775.7	1747.8	1675.9	1586.4	1536.5	1523.1	1571.3	*1690.0*	2040.4	2276.2	1890.3
47.5°	1892.7	1860.4	1782.9	1701.4	1645.9	1603.6	1710.3	*1833.5*	2207.7	2489.2	2049.3
50°	1992.2	1959.2	1888.3	1801.2	1763.7	1708.2	1847.0	*1993.6*	2373.6	2705.7	2194.6
52.5°	2060.4	2031.1	1947.8	1888.6	1863.1	1835.3	2007.0	*2163.3*	2538.8	2904.0	2338.1
55°	2044.9	2018.7	1945.4	1941.3	1939.5	1968.8	2198.4	*2355.7*	2707.1	3091.6	2481.0
57.5°	1995.6	1966.0	1874.5	1937.5	1998.4	2087.9	2405.6	*2583.2*	2891.6	3268.5	2618.6
60°	1850.7	1840.4	1784.7	1930.2	2023.2	2204.6	2642.4	*2811.7*	3091.2	3424.1	2740.8
62.5°	1544.1	1553.0	1552.7	1945.4	2067.9	2337.4	2857.5	*3043.0*	3286.4	3573.8	2849.6
65°	1156.2	1187.1	1226.7	1809.1	2127.8	2574.6	3114.6	*3294.0*	3484.6	3747.9	2960.1
67.5°	776.8	801.6	828.5	1484.2	1949.5	2823.8	3541.8	*3637.8*	3722.1	3941.0	3084.3
70°	444.7	452.6	490.1	926.9	1502.8	2754.9	4237.4	*4272.2*	4076.3	4178.9	3174.9
72.5°	*249.2*	*246.4*	*296.0*	*439.9*	*839.8*	*2359.1*	*4481.1*	*4820.1*	*4393.3*	*4175.1*	*2972.8*
75°	166.6	166.9	203.8	277.4	327.3	1651.5	3861.5	*4469.4*	4203.3	3702.2	2429.0
77.5°	113.6	117.4	149.7	214.4	151.4	805.8	2554.6	*3130.8*	3403.1	2858.9	1676.9
80°	49.2	49.6	98.8	153.9	102.2	256.4	1324.5	*1677.3*	2134.4	1605.3	664.3
82.5°	25.5	28.9	63.0	99.5	64.4	89.8	625.7	*732.8*	895.6	471.2	136.3
85°	8.9	10.7	38.9	48.9	32.4	32.0	217.9	*222.0*	189.7	70.9	37.5
87.5°	0.0	1.7	15.1	12.0	4.1	3.8	25.8	*21.7*	17.2	10.0	12.4
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°	779.6	779.6	779.6	779.6	779.6	779.6	779.6	779.6	779.6	779.6	779.6
2.5°	780.3	771.0	755.9	737.3	715.6	703.9	687.0	676.7	667.4	667.7	675.3
5°	781.3	765.8	727.3	686.3	640.9	607.5	570.3	544.2	524.2	519.4	526.6
7.5°	784.4	758.3	695.3	627.1	551.4	495.3	444.0	411.7	393.4	388.6	393.4
10°	788.6	750.0	659.1	554.8	460.9	393.4	350.7	330.1	321.8	315.6	319.4
12.5°	792.0	741.4	613.7	480.2	380.3	327.7	295.3	278.1	270.9	266.4	268.8
15°	797.8	730.0	564.5	410.6	326.0	282.9	252.3	239.6	237.5	238.2	239.2
17.5°	803.7	719.0	509.4	356.2	286.0	243.7	225.1	223.0	225.8	228.5	229.6
20°	810.2	703.2	453.6	315.3	249.2	216.5	211.7	213.1	214.4	219.3	220.6
22.5°	819.9	683.2	404.8	280.5	218.6	203.4	201.0	202.0	203.1	207.9	209.3
25°	833.6	661.9	365.2	248.5	199.3	192.7	190.3	190.3	191.7	196.2	197.9
27.5°	848.1	631.6	333.2	218.9	187.9	181.0	176.9	176.9	178.6	183.8	185.9
30°	864.3	604.1	308.1	196.9	178.3	169.3	163.8	162.5	164.5	171.1	172.8
32.5°	893.5	586.2	290.2	186.6	169.7	158.7	151.1	147.3	149.4	157.0	159.0
35°	937.9	582.0	277.8	181.4	161.4	149.0	138.4	132.5	134.2	142.2	144.6
37.5°	989.9	590.6	265.7	174.5	153.5	139.7	125.6	118.1	120.8	128.0	130.1
40°	1064.6	626.4	256.4	169.3	145.6	128.7	112.9	105.3	109.8	116.0	117.0
42.5°	1154.8	690.1	254.0	164.5	136.0	117.0	101.2	95.7	99.1	105.0	106.0
45°	1266.6	771.3	265.0	158.3	125.3	105.7	91.9	88.8	89.8	95.7	98.4
47.5°	1386.8	854.6	295.3	152.8	116.0	96.4	84.7	81.9	81.2	86.7	90.2
50°	1508.3	928.6	331.1	148.7	109.5	88.8	79.2	75.7	74.0	77.4	78.8
52.5°	1628.4	987.5	354.5	141.8	102.9	81.2	74.3	69.2	66.1	67.8	69.2
55°	1750.2	1039.1	355.9	131.5	96.7	76.4	69.5	63.7	59.9	59.9	60.6
57.5°	1864.2	1084.6	335.6	117.7	88.1	71.9	63.0	58.2	54.0	52.7	53.0
60°	1965.0	1118.3	301.9	102.2	80.5	66.1	56.4	52.7	47.5	44.7	44.1
62.5°	2054.8	1134.8	255.7	86.4	71.2	59.2	50.3	46.1	39.2	35.8	35.5
65°	2130.9	1117.9	207.5	71.6	63.3	51.6	43.0	38.9	31.3	27.2	27.2
67.5°	2206.3	1040.8	157.0	60.2	55.1	43.4	35.5	31.7	26.2	22.7	22.7
70°	2215.9	878.7	109.8	50.6	45.8	33.4	28.6	26.2	21.3	18.2	17.9
72.5°	*1972.6*	*632.3*	*66.8*	*41.3*	*35.8*	*23.7*	*22.7*	*20.7*	*15.8*	*13.8*	*13.4*
75°	1576.8	387.6	39.2	31.0	23.7	16.9	16.9	14.8	10.7	8.9	8.9
77.5°	1089.7	202.7	23.1	20.0	14.1	10.0	11.0	8.9	5.2	4.1	4.1
80°	436.4	77.1	12.4	9.3	6.5	4.5	3.8	2.1	1.0	0.7	1.0
82.5°	87.1	20.3	4.1	2.4	2.4	1.0	0.0	0.0	0.0	0.0	0.0
85°	22.4	4.5	1.0	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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)