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: P1198416

Luminaire Tested: GPC-SB1C-827-U-T2R

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1198416
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-3)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1C-827-U-T2R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 2700K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE II ROADWAY OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6668 lumens
Efficiency:	N/A
Efficacy:	122.6 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G1

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

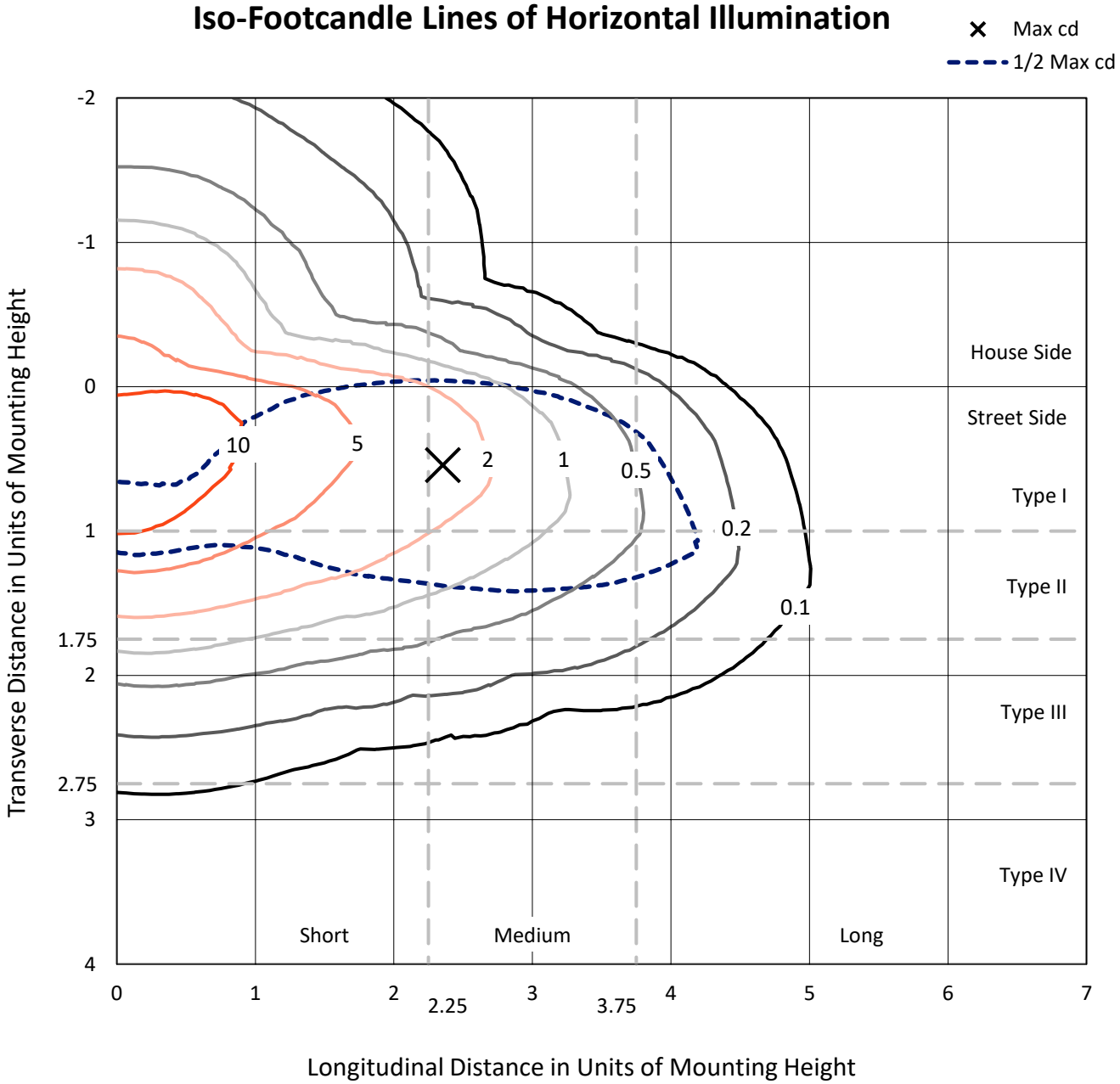


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Iso-Footcandle Lines of Horizontal Illumination



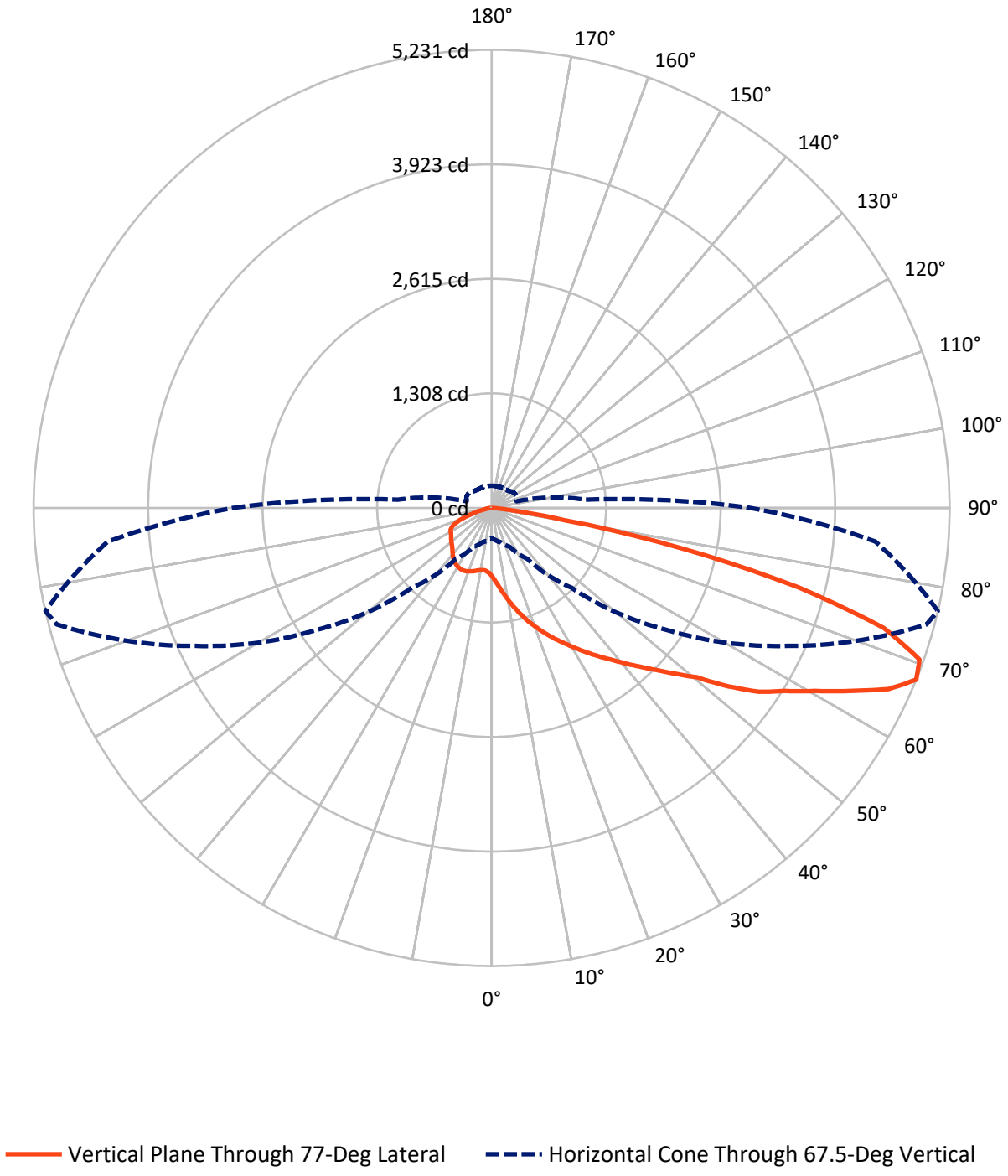
Based on 10 foot mounting height. Maximum calculated value = 15.3 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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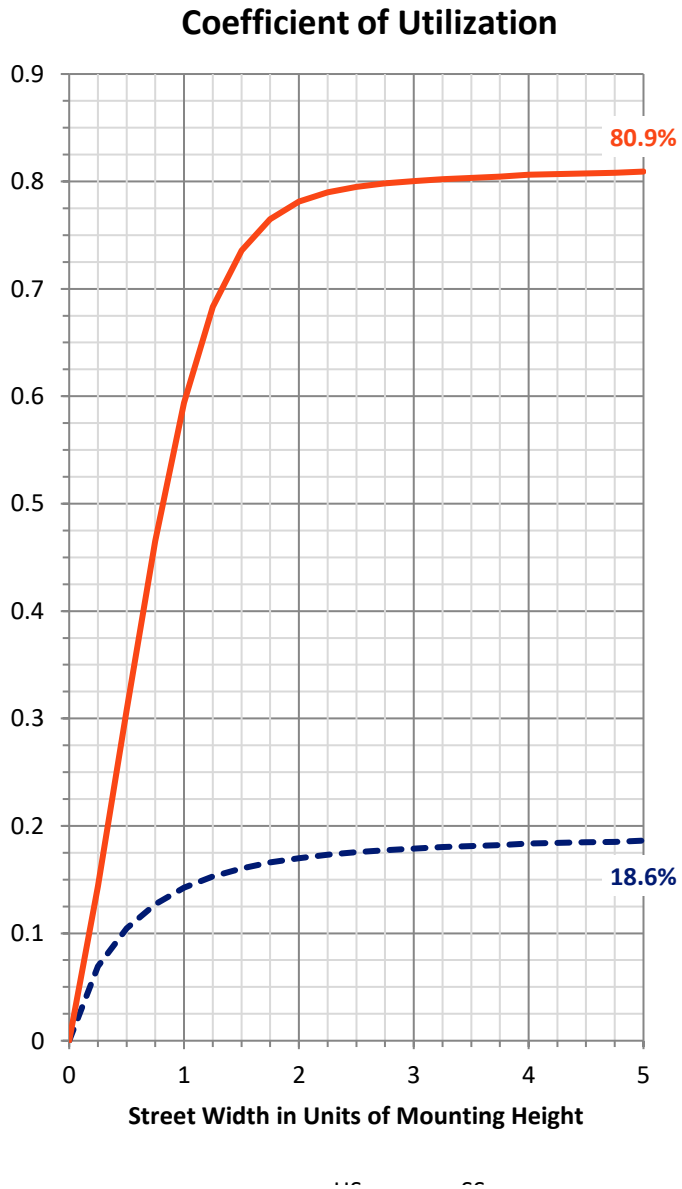
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1261.3	0.0	1261.3
	% Fixture	18.9	0.0	18.9
Street Side	Lumens	5406.7	0.0	5406.7
	% Fixture	81.1	0.0	81.1
Total	Lumens	6668.0	0.0	6668.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.9	1.3
10°-20°	301.3	4.5
20°-30°	568.8	8.5
30°-40°	916.4	13.7
40°-50°	1253.4	18.8
50°-60°	1413.9	21.2
60°-70°	1319.7	19.8
70°-80°	723.4	10.8
80°-90°	87.3	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°	6668.0	100.0
0°-180°	6668.0	100.0



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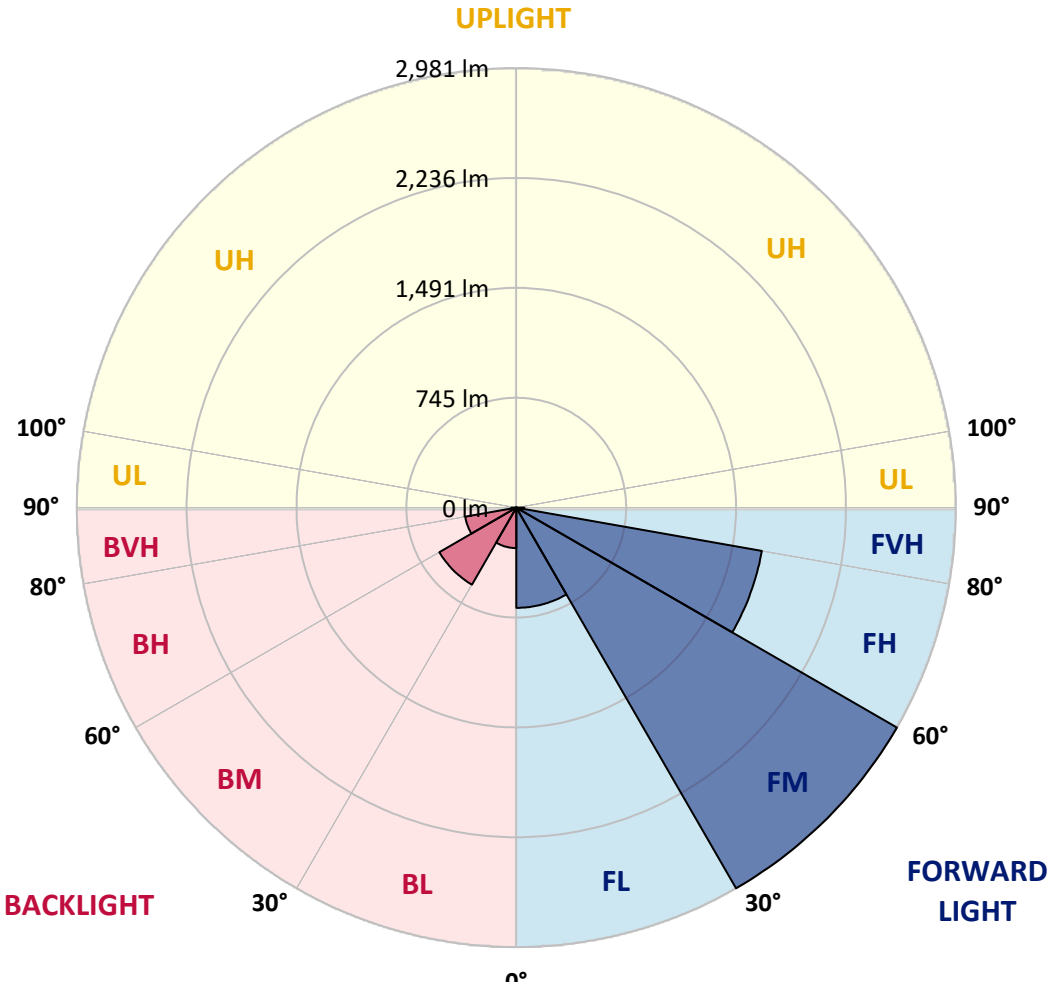
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	679.7	10.2			
FM	(30°-60°)	2981.2	44.7			
FH	(60°-80°)	1691.2	25.4			G1/1800
FVH	(80°-90°)	54.6	0.8			G1/100
BL	(0°-30°)	274.2	4.1	B1/500		
BM	(30°-60°)	602.5	9.0	B1/1000		
BH	(60°-80°)	351.9	5.3	B1/500		G1/500
BVH	(80°-90°)	32.7	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-G1
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	782.4	782.4	782.4	782.4	782.4	782.4	782.4	782.4	782.4	*782.4*	782.4
2.5°	979.6	986.5	977.9	977.9	949.0	933.8	904.9	882.9	843.3	*836.4*	810.2
5°	1157.9	1166.5	1154.4	1149.3	1115.2	1083.9	1035.3	987.5	916.9	*909.7*	848.1
7.5°	1295.9	1306.9	1296.3	1290.7	1260.5	1225.3	1168.6	1101.8	1002.3	*988.2*	899.0
10°	1408.5	1410.2	1406.7	1408.8	1385.1	1356.1	1298.0	1220.2	1095.9	*1076.7*	960.7
12.5°	1472.1	1480.1	1486.9	1499.3	1495.2	1477.3	1425.0	1332.0	1195.1	*1170.3*	1027.8
15°	1502.1	1515.9	1531.3	1559.9	1583.0	1587.4	1547.5	1452.2	1295.9	*1266.0*	1095.6
17.5°	1512.8	1525.8	1550.3	1591.6	1641.1	1674.5	1656.6	1568.9	1395.7	*1361.3*	1166.8
20°	1566.8	1570.6	1585.4	1624.6	1678.3	1733.7	1747.2	1681.1	1494.5	*1455.6*	1240.5
22.5°	1682.4	1674.9	1679.0	1696.9	1735.4	1789.1	1819.8	1780.2	1596.0	*1551.3*	1314.8
25°	1873.5	1851.4	1829.4	1808.8	1828.4	1858.7	1893.4	1879.3	1702.4	*1645.6*	1389.9
27.5°	2114.8	2087.9	2039.4	1971.6	1947.8	1958.5	1974.0	1971.2	1800.8	*1743.4*	1467.3
30°	2352.3	2320.9	2263.1	2165.0	2102.4	2074.1	2062.4	2054.5	1907.9	*1846.6*	1545.5
32.5°	2541.9	2517.1	2460.3	2350.5	2259.7	2211.5	2172.6	2144.4	2019.8	*1958.5*	1628.1
35°	2707.8	2684.7	2619.7	2499.9	2401.1	2349.8	2298.9	2238.7	2136.1	*2074.1*	1716.9
37.5°	2859.3	2836.2	2747.0	2622.4	2523.0	2487.5	2442.1	2339.9	2252.8	*2194.3*	1810.8
40°	2954.9	2949.8	2866.5	2725.4	2622.1	2604.6	2589.4	2457.2	2382.2	*2327.8*	1914.1
42.5°	2979.4	2990.7	2924.7	2808.7	2710.2	2696.1	2731.6	2590.1	2527.5	*2475.5*	2031.1
45°	2920.5	2953.2	2909.9	2831.0	2772.9	2765.3	2857.5	2735.3	2688.2	*2640.7*	2172.2
47.5°	2771.5	2826.9	2809.0	2798.0	2789.7	2822.4	2968.4	2889.5	2870.3	*2829.0*	2333.3
50°	2470.7	2575.6	2607.0	2676.5	2756.3	2866.8	3069.2	3057.9	3083.0	*3041.3*	2529.5
52.5°	1950.6	2095.1	2276.9	2451.0	2653.8	2852.0	3180.1	3299.5	3405.5	*3382.8*	2841.4
55°	1610.2	1675.2	1815.0	2134.4	2454.8	2789.7	3230.0	3494.6	3725.6	*3705.3*	3077.8
57.5°	1348.6	1406.7	1492.8	1759.5	2154.0	2648.3	3260.9	3613.7	3944.9	*3942.8*	3311.2
60°	1068.0	1129.7	1217.8	1406.7	1802.6	2403.9	3254.1	3749.4	4224.7	*4241.9*	3595.8
62.5°	751.4	819.2	916.9	1093.2	1443.6	2087.2	3113.6	3847.5	4554.1	*4600.9*	3938.3
65°	493.9	538.7	612.3	764.5	1075.6	1680.0	2845.5	3860.2	4906.6	*4985.7*	4259.8
67.5°	*346.3*	*363.5*	*406.8*	*489.5*	*709.0*	*1288.3*	*2418.3*	*3728.4*	*5141.6*	*5230.8*	*4399.2*
70°	270.2	278.8	300.8	333.9	445.4	866.3	1853.2	3385.5	5091.4	*5184.3*	4253.6
72.5°	233.4	241.6	249.9	254.0	298.8	534.9	1255.3	2830.7	4618.1	*4681.1*	3698.4
75°	211.7	213.7	220.6	219.3	227.9	347.0	724.5	2062.4	3643.7	*3622.0*	2730.2
77.5°	178.0	180.7	192.1	190.3	202.4	237.2	376.2	1331.0	2362.2	*2214.9*	1519.6
80°	150.8	152.1	164.5	162.5	175.9	171.8	192.1	678.4	1002.0	*848.8*	438.2
82.5°	52.3	64.7	125.6	129.4	134.2	103.9	110.8	276.7	306.0	*234.4*	91.9
85°	25.5	27.2	64.0	90.9	90.5	52.3	54.0	98.8	96.4	*75.7*	30.6
87.5°	4.1	5.2	7.6	35.5	28.2	13.8	18.6	19.3	20.0	*17.2*	6.9
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°	782.4	782.4	782.4	782.4	782.4	782.4	782.4	782.4	782.4	782.4	782.4
2.5°	791.0	773.8	737.6	704.2	678.1	652.9	638.8	626.8	619.9	618.5	618.5
5°	812.3	776.9	711.1	655.7	619.6	592.7	578.6	569.6	565.2	562.4	562.1
7.5°	842.9	791.0	697.3	634.4	596.5	577.2	570.0	568.6	568.3	568.6	569.6
10°	885.3	814.0	696.0	629.2	597.5	586.9	586.5	586.9	588.2	588.6	588.9
12.5°	931.1	837.8	701.5	633.7	610.6	604.8	603.7	603.4	604.4	605.1	605.4
15°	981.0	869.1	710.8	643.3	625.1	618.9	617.8	615.8	615.4	615.1	614.7
17.5°	1032.3	900.1	721.1	653.6	634.4	625.8	622.0	617.1	613.4	612.3	613.4
20°	1084.2	930.7	728.3	658.8	635.0	623.0	615.4	607.2	600.6	596.8	598.2
22.5°	1139.6	962.7	732.8	657.4	628.9	612.3	598.6	588.9	578.9	572.4	572.7
25°	1193.7	990.6	732.5	650.2	616.8	595.8	578.3	565.9	552.1	545.2	545.2
27.5°	1245.7	1015.7	723.8	637.5	599.6	576.2	555.2	540.4	527.0	520.4	520.1
30°	1299.3	1036.7	710.4	618.9	579.3	553.5	530.4	517.7	505.6	499.4	499.1
32.5°	1352.7	1056.0	691.5	595.8	555.9	531.1	508.4	496.7	489.5	489.5	489.8
35°	1409.1	1069.4	666.4	569.0	531.1	507.3	489.5	482.6	481.9	477.7	476.7
37.5°	1468.7	1078.0	635.7	541.4	506.7	484.3	478.8	470.5	463.6	454.7	453.3
40°	1531.3	1086.6	598.9	512.9	480.8	468.5	466.0	455.0	435.4	413.4	410.3
42.5°	1607.4	1092.5	560.7	484.3	453.7	449.5	453.0	434.0	402.7	386.2	386.5
45°	1695.5	1102.1	525.6	456.1	425.8	425.8	440.2	415.4	389.6	379.3	381.0
47.5°	1809.8	1124.5	492.9	425.1	400.0	406.8	412.0	393.1	378.6	365.9	365.5
50°	1975.0	1178.2	459.2	393.8	380.3	394.1	386.9	375.9	359.0	348.7	347.6
52.5°	2180.2	1209.9	429.2	365.5	363.5	377.2	366.9	356.6	343.9	330.1	327.3
55°	2319.9	1215.7	404.1	344.9	352.1	350.7	347.0	337.7	330.8	312.5	312.9
57.5°	2476.2	1227.4	383.4	332.5	344.9	329.7	328.4	320.4	311.5	299.1	295.0
60°	2663.1	1245.7	365.5	327.7	338.7	316.0	309.1	306.0	297.0	290.8	292.6
62.5°	2866.8	1262.2	347.3	328.4	331.5	302.6	292.2	291.2	285.7	283.6	283.6
65°	3005.9	1217.1	324.6	327.7	320.1	288.8	275.7	275.4	270.9	270.2	269.9
67.5°	*2957.4*	*1074.2*	*293.9*	*318.0*	*308.4*	*275.0*	*260.6*	*259.2*	*253.3*	*253.7*	*253.7*
70°	2714.4	870.5	251.6	294.3	293.9	262.6	244.7	240.3	232.3	233.7	235.1
72.5°	2258.6	645.0	194.8	254.7	270.9	251.3	226.5	219.3	209.3	210.6	210.3
75°	1631.2	438.5	141.8	193.8	235.8	237.8	208.6	196.2	184.1	186.2	186.9
77.5°	834.7	248.5	104.3	133.5	185.2	216.2	192.4	175.9	173.1	192.4	189.7
80°	272.3	124.6	72.3	93.6	121.5	176.9	168.7	149.7	149.0	153.5	131.8
82.5°	81.2	52.7	46.5	61.6	67.1	135.6	145.6	113.2	97.4	102.6	106.0
85°	27.9	25.5	26.5	30.6	32.0	79.5	101.9	75.0	70.9	78.1	77.1
87.5°	6.5	8.9	7.6	6.9	6.9	19.3	39.6	31.3	43.4	28.9	27.9
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)