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: P1200324

Luminaire Tested: GPC-SB2C-827-U-T3R

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1200324
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-5)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2C-827-U-T3R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III ROADWAY OPTI(
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13367 lumens
Efficiency:	N/A
Efficacy:	132.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B2 - U0 - G2

Input Watts (W):	100.9
Input Voltage (V):	120.0
Input Current (Ain):	0.857
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.472
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

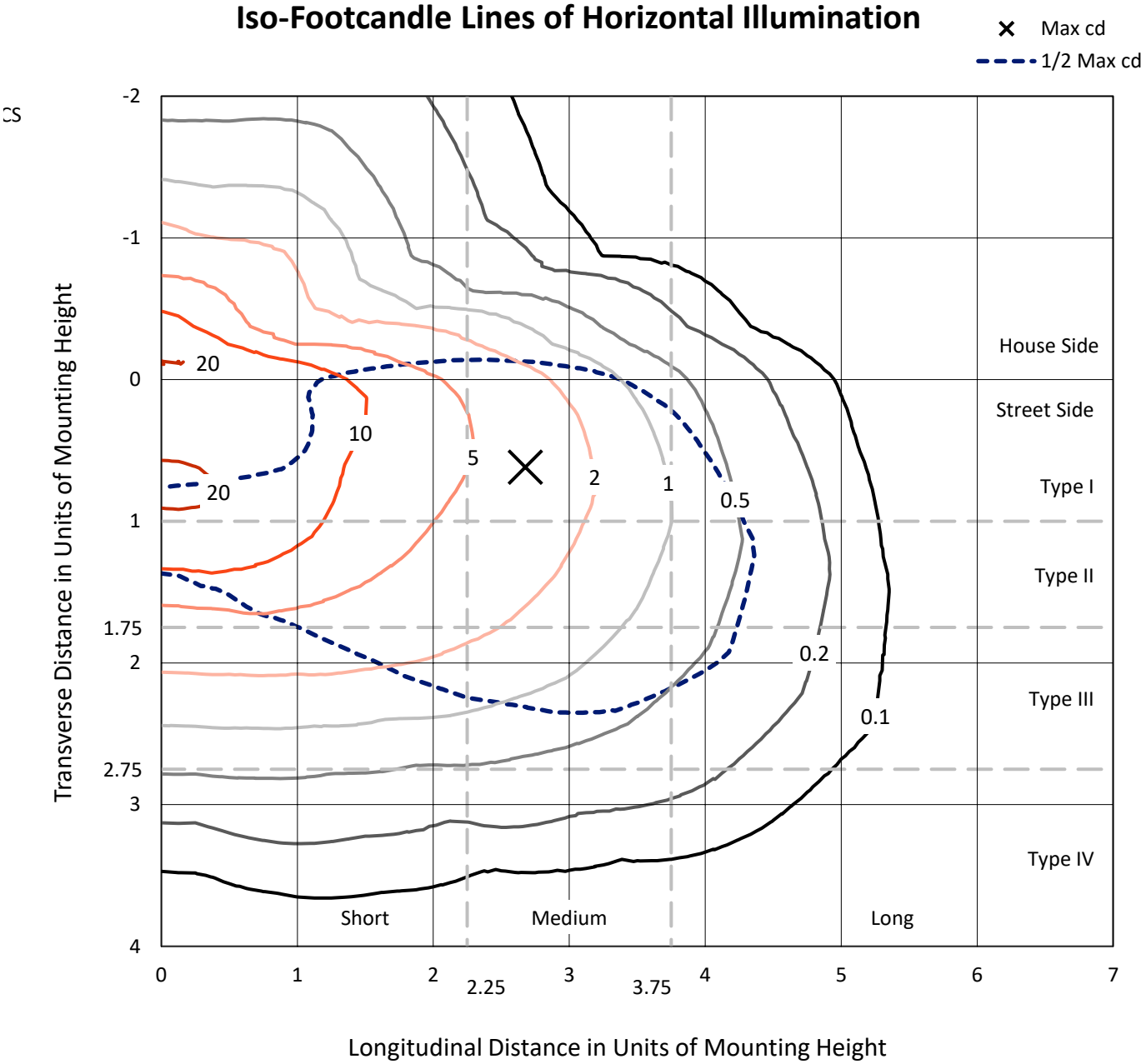


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Iso-Footcandle Lines of Horizontal Illumination



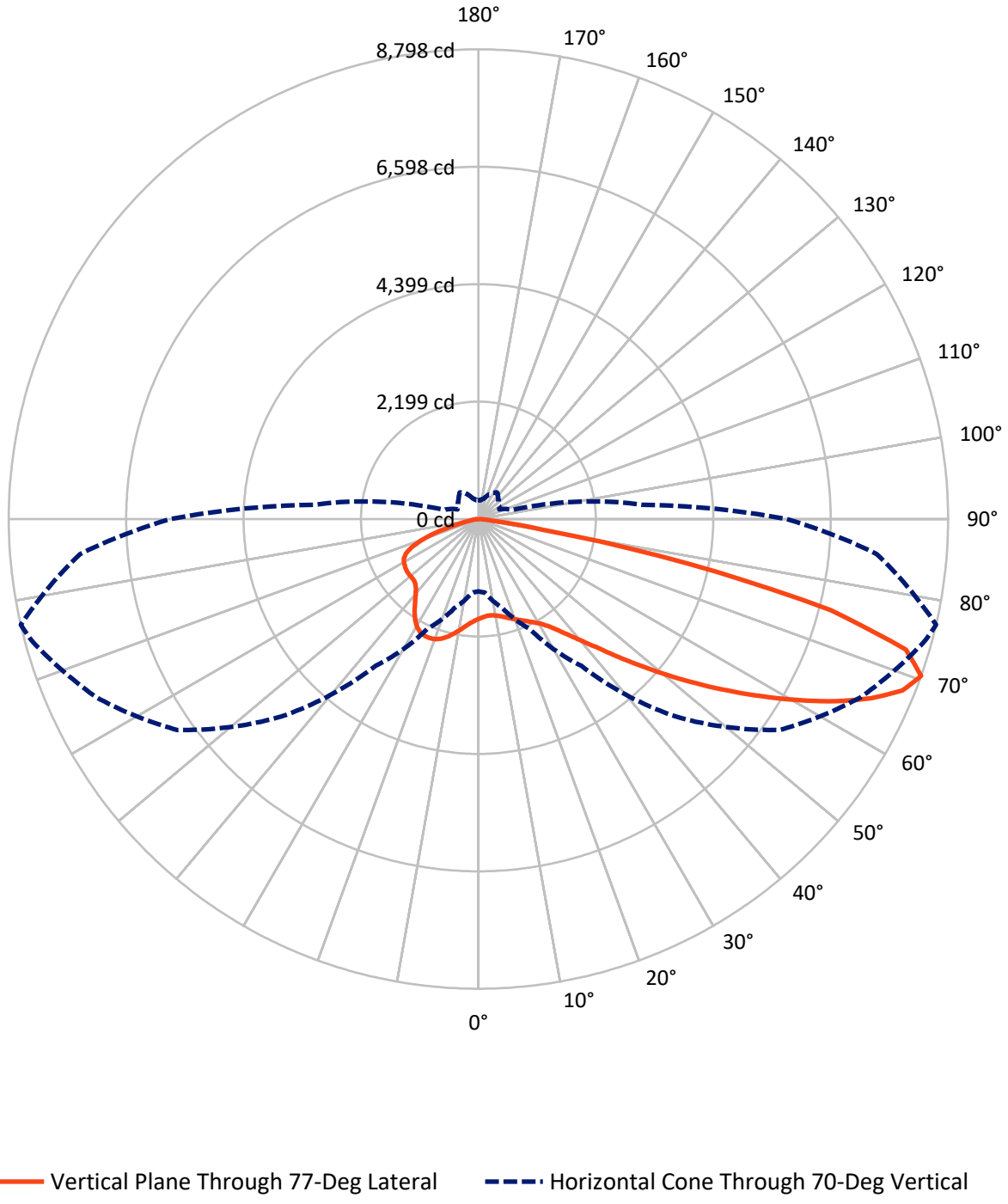
Based on 10 foot mounting height. Maximum calculated value = 22.1 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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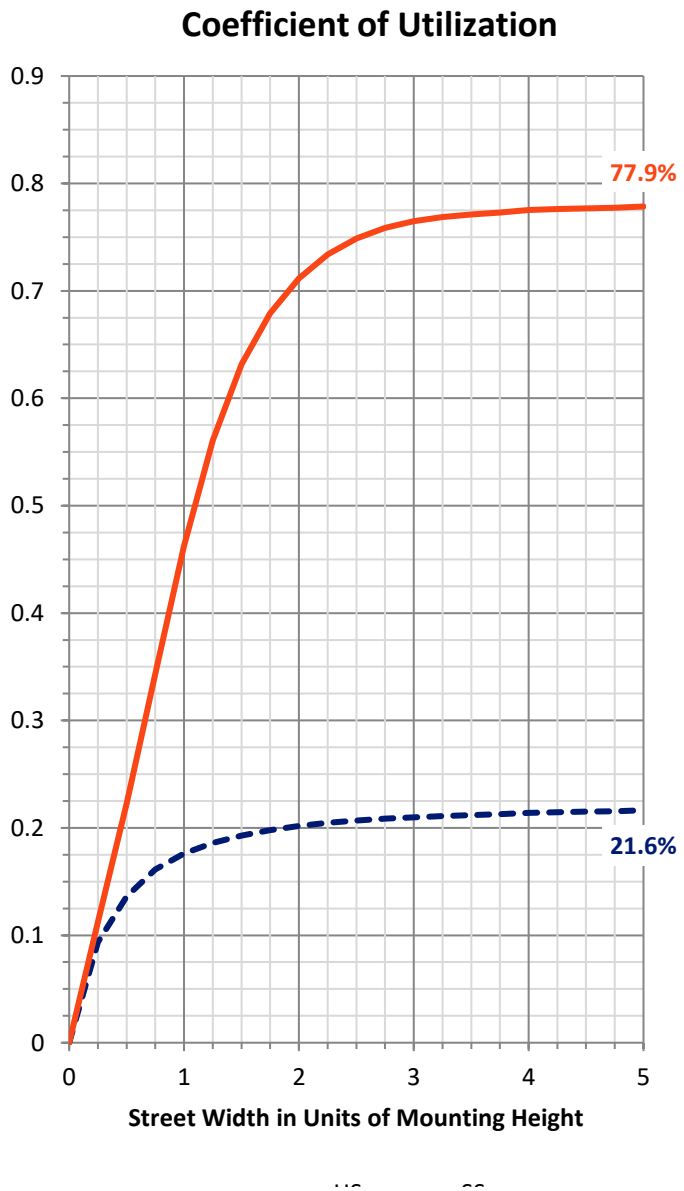
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2927.2	0.0	2927.2
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	10439.8	0.0	10439.8
	% Fixture	78.1	0.0	78.1
Total	Lumens	13367.0	0.0	13367.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	177.9	1.3
10°-20°	513.3	3.8
20°-30°	877.8	6.6
30°-40°	1411.6	10.6
40°-50°	2203.9	16.5
50°-60°	2943.9	22.0
60°-70°	3137.8	23.5
70°-80°	1931.6	14.5
80°-90°	169.3	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°	13367.0	100.0
0°-180°	13367.0	100.0



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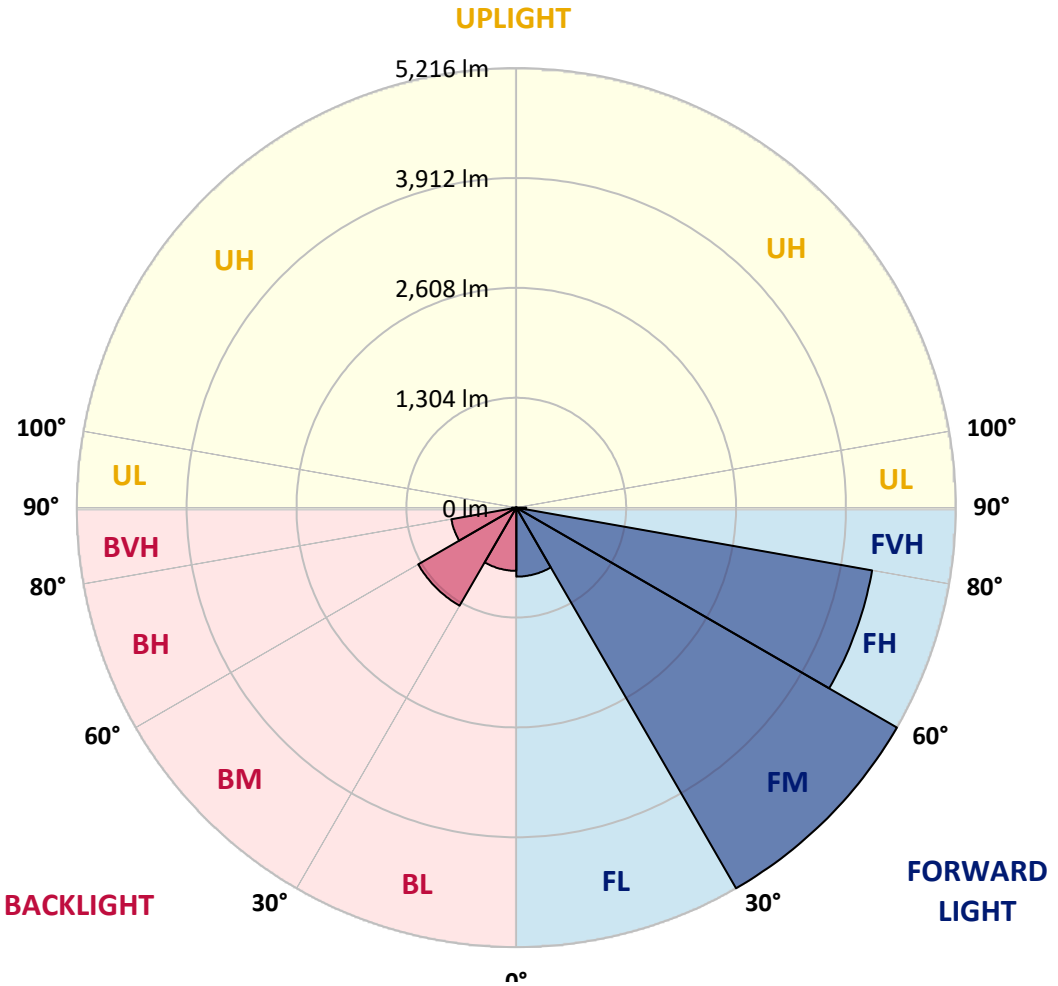
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	818.9	6.1			
FM	(30°-60°)	5215.5	39.0			
FH	(60°-80°)	4287.0	32.1			G2/5000
FVH	(80°-90°)	118.4	0.9			G2/225
BL	(0°-30°)	750.0	5.6	B2/1000		
BM	(30°-60°)	1343.9	10.1	B2/2500		
BH	(60°-80°)	782.3	5.9	B2/1000		G2/1000
BVH	(80°-90°)	50.9	0.4			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 III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	1864.8	1864.8	1864.8	1864.8	1864.8	1864.8	1864.8	1864.8	1864.8	*1864.8*	1864.8
2.5°	1719.0	1718.3	1727.2	1730.0	1746.4	1758.0	1779.9	1803.2	1833.3	*1836.8*	1855.2
5°	1619.7	1619.7	1630.0	1641.0	1662.2	1685.5	1719.0	1759.4	1811.4	*1819.6*	1865.5
7.5°	1535.5	1541.0	1549.9	1571.1	1595.8	1629.3	1680.7	1738.2	1806.6	*1819.6*	1893.6
10°	1467.8	1473.9	1484.9	1502.0	1539.0	1585.5	1652.6	1726.5	1818.3	*1838.8*	1934.6
12.5°	1446.5	1452.7	1458.9	1471.9	1506.1	1560.9	1641.0	1732.0	1846.3	*1866.9*	1990.8
15°	1495.8	1503.4	1498.6	1495.1	1512.9	1562.9	1646.4	1751.9	1881.2	*1910.7*	2059.9
17.5°	1609.5	1612.2	1601.3	1569.1	1566.3	1593.0	1672.4	1779.2	1925.1	*1957.2*	2129.8
20°	1792.9	1788.1	1765.6	1701.9	1665.6	1660.1	1716.9	1820.3	1970.2	*2004.5*	2205.1
22.5°	2042.1	2036.7	1991.5	1890.8	1810.1	1756.7	1781.3	1873.7	2020.9	*2059.2*	2278.3
25°	2352.9	2345.4	2279.0	2142.1	2016.8	1884.7	1868.9	1944.2	2083.2	*2118.8*	2355.0
27.5°	2715.8	2709.6	2637.7	2457.0	2276.3	2059.9	1977.8	2027.1	2148.2	*2188.6*	2441.2
30°	3106.0	3123.8	2996.4	2802.0	2573.4	2288.6	2124.3	2129.1	2232.4	*2268.7*	2546.0
32.5°	3564.7	3595.5	3442.1	3195.7	2883.5	2537.1	2309.1	2271.5	2355.0	*2385.1*	2678.1
35°	4019.2	4054.1	3926.8	3654.3	3294.9	2830.1	2502.2	2435.1	2517.9	*2550.8*	2853.4
37.5°	4412.2	4458.7	4393.0	4156.1	3735.1	3183.3	2754.1	2627.4	2718.5	*2759.6*	3088.9
40°	4722.3	4793.5	4788.7	4640.8	4254.0	3611.9	3073.8	2865.0	2967.7	*3012.2*	3374.3
42.5°	4974.2	5035.8	5089.2	5081.7	4795.5	4098.6	3449.6	3173.8	3251.8	*3303.1*	3695.4
45°	5148.1	5213.8	5328.8	5452.7	5316.5	4619.6	3880.2	3540.0	3611.2	*3688.6*	4078.1
47.5°	5303.5	5378.1	5527.4	5723.8	5758.8	5142.6	4351.9	3966.5	4031.5	*4111.6*	4462.1
50°	5317.2	5381.5	5612.9	5891.6	6073.0	5645.1	4858.5	4445.0	4506.0	*4591.5*	4873.6
52.5°	4986.5	5087.9	5491.8	5886.8	6217.4	6065.5	5361.7	4942.7	5011.2	*5113.9*	5299.4
55°	3870.7	4019.2	5136.5	5703.3	6166.1	6337.2	5840.2	5471.9	5559.5	*5667.0*	5728.0
57.5°	3333.9	3399.0	4077.4	5369.2	5932.0	6407.7	6244.1	6006.6	6147.6	*6265.4*	6181.1
60°	2996.4	3050.5	3451.7	4849.6	5623.9	6296.2	6556.3	6505.0	6748.7	*6889.0*	6644.6
62.5°	2635.0	2686.3	3051.2	4049.3	5229.6	6110.6	6753.5	6965.0	7364.8	*7518.1*	7081.4
65°	2276.3	2320.1	2669.9	3402.4	4728.5	5925.1	6855.5	7362.7	7935.1	*8093.9*	7444.2
67.5°	1876.5	1912.7	2243.4	2870.5	4119.2	5671.1	6906.1	7675.6	8431.4	*8567.6*	7623.6
70°	*1354.1*	*1382.2*	*1723.8*	*2270.1*	*3354.5*	*5234.4*	*6885.6*	*7897.4*	*8688.8*	*8797.6*	*7488.0*
72.5°	640.1	665.4	1066.6	1473.9	2369.4	4384.1	6470.0	7721.5	8427.3	*8373.2*	6658.3
75°	341.6	363.5	612.7	808.5	1251.4	3005.3	5294.6	6651.5	7076.6	*6813.7*	4920.8
77.5°	231.4	248.5	379.3	485.4	571.6	1426.7	3403.1	4605.2	4430.7	*3996.6*	2464.5
80°	183.5	201.3	310.8	328.6	276.6	515.5	1406.1	2131.8	1531.4	*1224.7*	701.0
82.5°	141.0	160.9	261.5	238.2	150.6	211.5	409.4	674.3	392.3	*298.5*	169.8
85°	86.3	107.5	205.4	152.0	84.9	96.5	139.0	187.6	119.8	*99.9*	60.9
87.5°	43.8	61.6	104.1	55.5	38.3	22.6	37.0	37.0	31.5	*27.4*	15.7
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°	1864.8	1864.8	1864.8	1864.8	1864.8	1864.8	1864.8	1864.8	1864.8	1864.8	1864.8
2.5°	1871.7	1885.4	1908.6	1930.5	1947.7	1964.1	1980.5	1989.4	1992.2	2003.1	2009.3
5°	1893.6	1918.9	1964.1	2006.5	2033.2	2049.7	2061.3	2068.1	2069.5	2072.9	2078.4
7.5°	1934.0	1974.4	2037.3	2079.8	2099.6	2098.3	2093.5	2076.4	2069.5	2063.3	2064.7
10°	1990.8	2044.2	2121.5	2151.0	2138.7	2105.8	2063.3	2013.4	1990.1	1967.5	1960.7
12.5°	2061.3	2129.1	2205.1	2203.7	2142.8	2058.6	1960.0	1883.3	1834.7	1799.8	1791.6
15°	2146.9	2224.9	2283.1	2236.5	2103.1	1951.8	1807.3	1707.4	1663.5	1625.2	1621.1
17.5°	2235.2	2318.7	2345.4	2226.3	2003.1	1793.6	1630.0	1551.3	1508.1	1487.6	1493.8
20°	2321.4	2404.3	2382.4	2167.4	1851.1	1614.3	1468.4	1425.3	1416.4	1421.2	1419.2
22.5°	2412.5	2486.4	2389.9	2053.8	1657.4	1430.8	1350.7	1352.1	1371.9	1386.3	1389.7
25°	2505.6	2555.6	2370.0	1889.5	1449.3	1295.9	1276.1	1298.0	1337.0	1365.1	1372.6
27.5°	2595.3	2617.2	2326.9	1686.1	1270.6	1199.4	1202.8	1248.0	1306.9	1345.9	1355.5
30°	2696.6	2671.9	2244.1	1457.5	1146.7	1116.6	1145.3	1198.0	1256.9	1291.8	1300.0
32.5°	2810.9	2719.2	2112.6	1246.0	1059.1	1050.2	1097.4	1131.6	1157.6	1167.9	1173.4
35°	2953.3	2785.6	1944.2	1097.4	980.3	1001.6	1046.7	1029.6	1019.4	1013.9	1019.4
37.5°	3138.2	2875.3	1747.1	1000.9	916.7	966.6	985.1	931.7	891.3	871.5	876.3
40°	3360.6	3006.7	1557.4	926.2	876.3	936.5	904.3	840.0	788.6	760.6	762.6
42.5°	3607.8	3144.3	1397.9	870.1	853.7	911.9	844.8	768.1	685.3	676.4	685.3
45°	3867.2	3286.0	1289.1	827.0	842.7	890.6	810.6	686.6	627.8	664.1	683.2
47.5°	4126.7	3416.1	1223.4	794.8	837.3	866.7	780.4	641.5	599.7	652.4	677.1
50°	4415.6	3532.5	1193.9	771.5	831.1	857.1	735.2	629.8	570.3	605.2	631.2
52.5°	4702.4	3622.8	1172.0	748.3	822.2	849.6	713.3	616.1	534.7	536.7	551.1
55°	4988.6	3681.7	1148.1	717.4	802.3	833.1	711.3	601.1	508.0	498.4	505.2
57.5°	5293.9	3715.3	1118.6	683.2	768.1	791.4	709.2	589.4	499.7	484.0	486.1
60°	5604.7	3764.6	1080.3	641.5	722.2	741.4	704.4	585.3	495.0	468.3	470.3
62.5°	5883.4	3781.7	1034.4	601.8	663.4	692.1	694.2	581.9	482.0	436.1	436.1
65°	6066.1	3707.7	954.3	556.6	599.7	641.5	674.3	570.3	458.7	412.8	412.8
67.5°	6058.6	3496.9	829.0	498.4	538.1	585.3	645.6	550.4	430.6	384.1	386.1
70°	*5776.6*	*3080.6*	*670.2*	*430.6*	*470.3*	*525.1*	*608.6*	*521.0*	*397.1*	*352.6*	*356.7*
72.5°	4954.4	2411.1	486.7	351.2	391.6	462.8	560.7	485.4	362.8	324.5	322.4
75°	3539.3	1525.9	330.0	269.7	304.6	392.3	501.1	443.6	331.3	325.9	307.4
77.5°	1808.0	729.1	218.4	197.2	212.2	309.4	421.0	396.4	336.1	269.0	239.6
80°	588.1	269.0	137.6	134.2	141.0	206.1	325.9	325.2	254.7	182.8	161.6
82.5°	187.6	115.7	89.7	86.3	82.8	129.4	227.3	257.4	171.8	115.7	115.0
85°	74.6	69.1	52.7	48.6	34.9	60.9	119.1	171.1	128.0	83.5	85.6
87.5°	27.4	27.4	14.4	10.3	7.5	20.5	32.2	51.3	73.3	43.1	42.4
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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SS

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(END OF REPORT)