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: P1197944

Luminaire Tested: GPC-SB1B-827-U-T3R

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1197944
	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-SB1B-827-U-T3R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 2700K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE III ROADWAY OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5053 lumens
Efficiency:	N/A
Efficacy:	127.0 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G1

Input Watts (W):	39.8
Input Voltage (V):	120.0
Input Current (Ain):	0.33
Voltage Rise (V):	NR
Power Factor:	0.996
Total Harmonic Distortion (THDi):	5.305
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

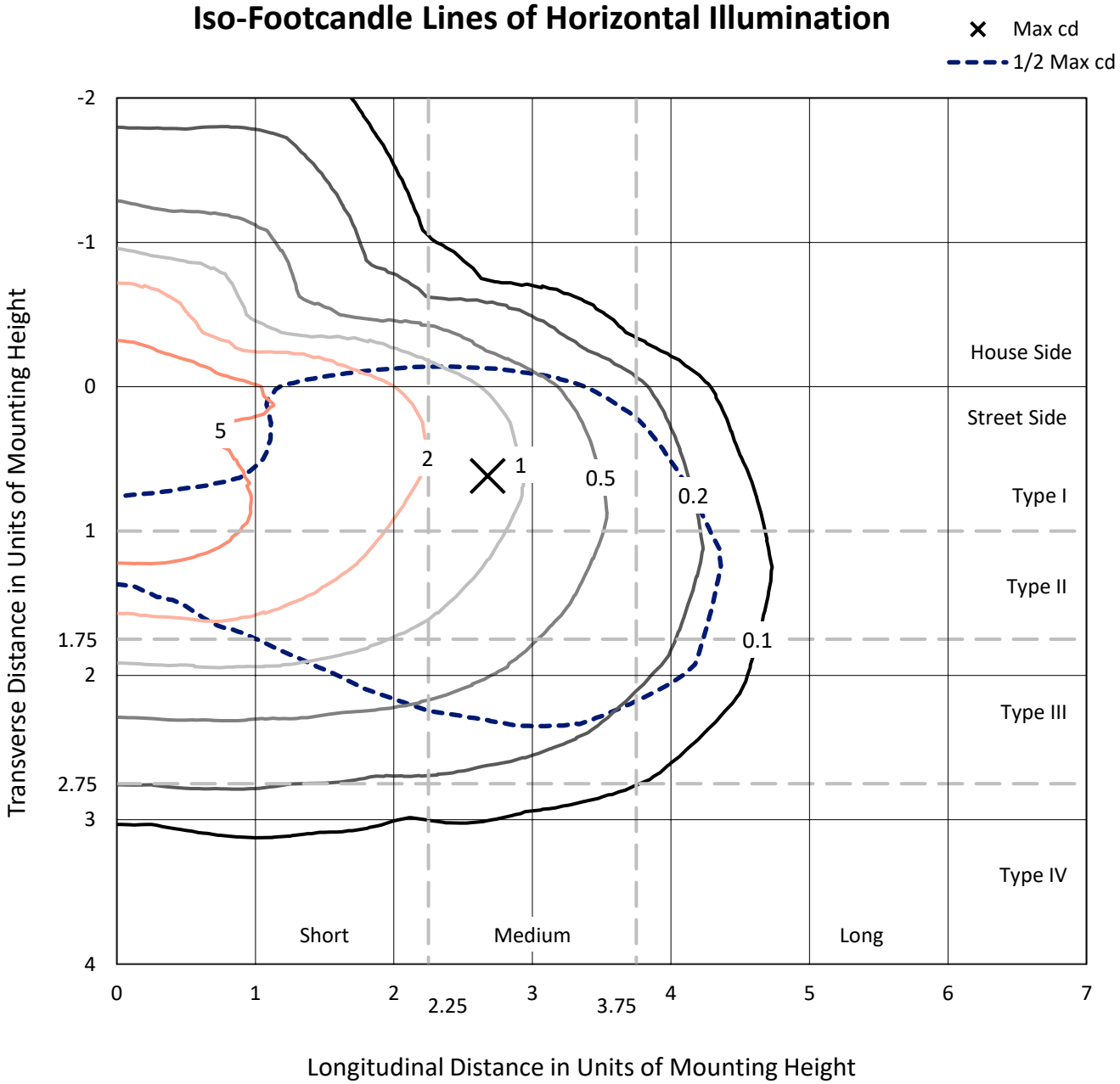


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Iso-Footcandle Lines of Horizontal Illumination



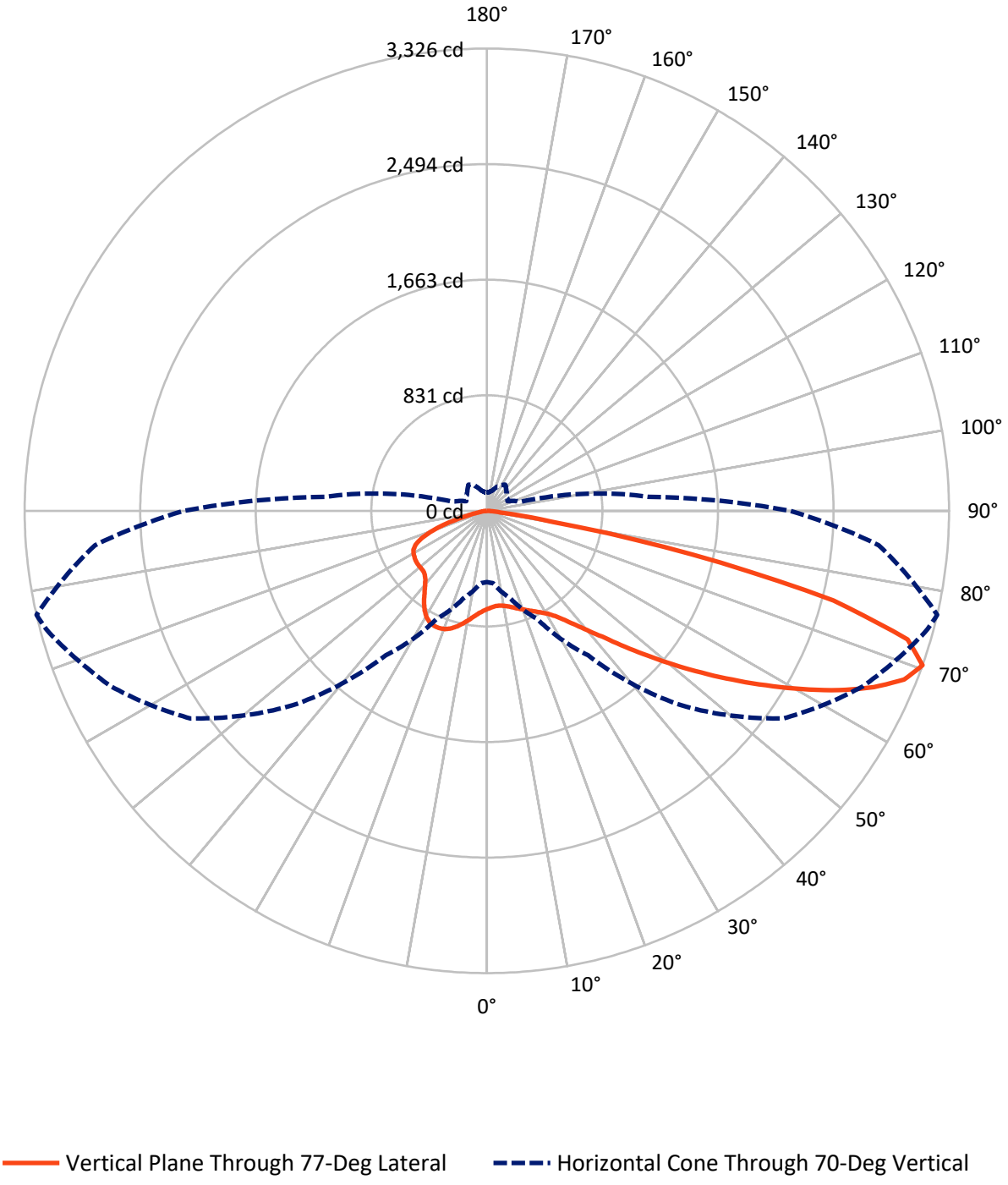
Based on 10 foot mounting height. Maximum calculated value = 8.4 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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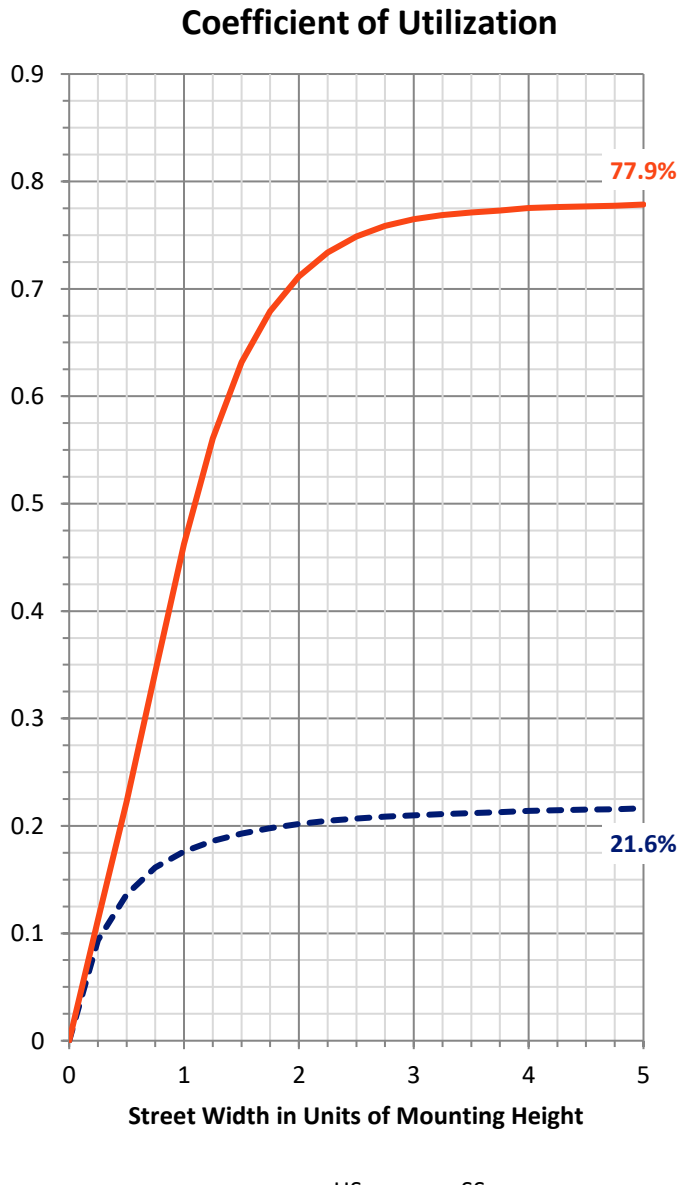
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1106.5	0.0	1106.5
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	3946.5	0.0	3946.5
	% Fixture	78.1	0.0	78.1
Total	Lumens	5053.0	0.0	5053.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.2	1.3
10°-20°	194.0	3.8
20°-30°	331.8	6.6
30°-40°	533.6	10.6
40°-50°	833.1	16.5
50°-60°	1112.9	22.0
60°-70°	1186.1	23.5
70°-80°	730.2	14.5
80°-90°	64.0	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°	5053.0	100.0
0°-180°	5053.0	100.0



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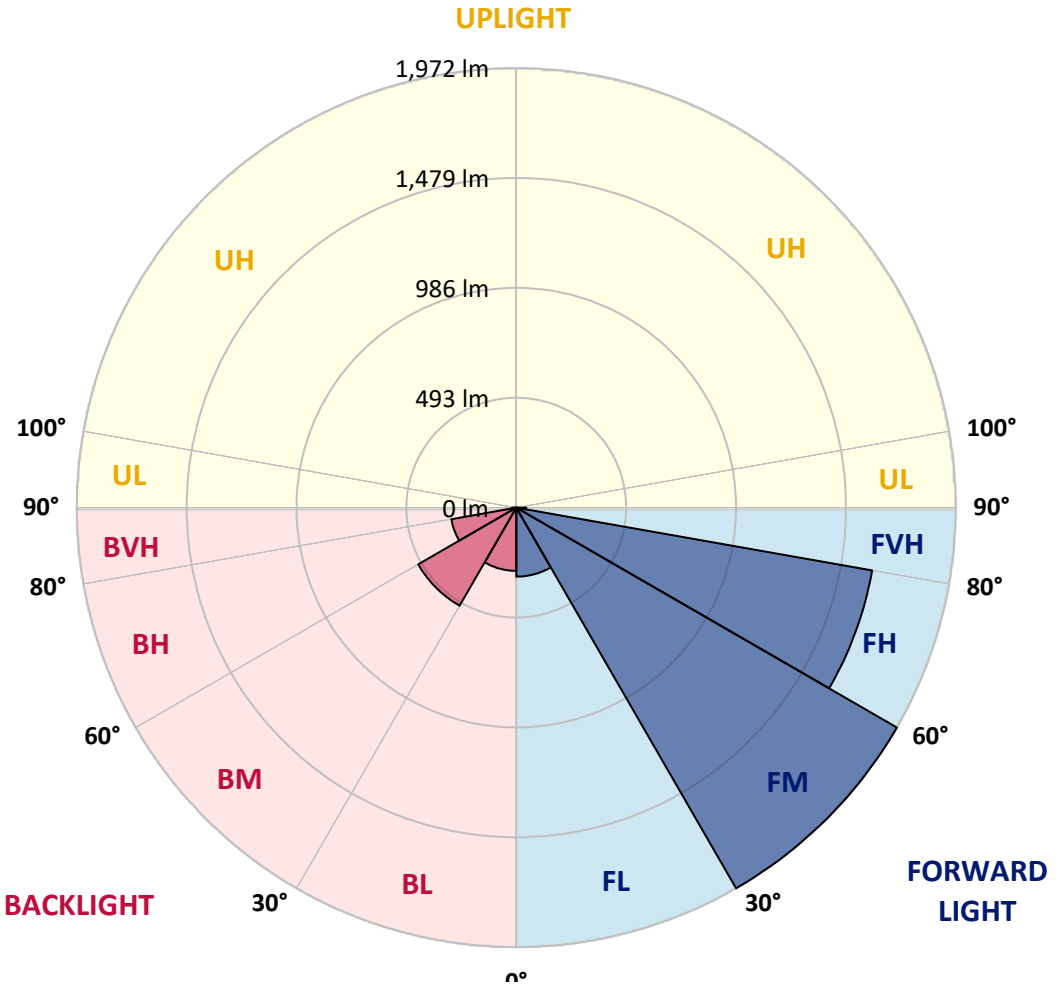
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	309.6	6.1			
FM	(30°-60°)	1971.6	39.0			
FH	(60°-80°)	1620.6	32.1			G1/1800
FVH	(80°-90°)	44.7	0.9			G1/100
BL	(0°-30°)	283.5	5.6	B1/500		
BM	(30°-60°)	508.0	10.1	B1/1000		
BH	(60°-80°)	295.7	5.9	B1/500		G1/500
BVH	(80°-90°)	19.2	0.4			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 III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	704.9	704.9	704.9	704.9	704.9	704.9	704.9	704.9	704.9	*704.9*	704.9
2.5°	649.8	649.6	652.9	654.0	660.2	664.6	672.8	681.6	693.0	*694.3*	701.3
5°	612.3	612.3	616.2	620.3	628.3	637.1	649.8	665.1	684.8	*687.9*	705.2
7.5°	580.5	582.5	585.9	593.9	603.2	615.9	635.3	657.1	682.9	*687.9*	715.8
10°	554.8	557.2	561.3	567.8	581.8	599.4	624.7	652.7	687.3	*695.1*	731.3
12.5°	546.8	549.1	551.5	556.4	569.3	590.0	620.3	654.7	698.0	*705.7*	752.6
15°	565.5	568.3	566.5	565.2	571.9	590.8	622.4	662.2	711.2	*722.3*	778.7
17.5°	608.4	609.4	605.3	593.1	592.1	602.2	632.2	672.6	727.7	*739.9*	805.1
20°	677.8	676.0	667.4	643.3	629.6	627.6	649.0	688.1	744.8	*757.7*	833.6
22.5°	772.0	769.9	752.8	714.8	684.2	664.1	673.4	708.3	763.9	*778.4*	861.2
25°	889.5	886.6	861.5	809.7	762.4	712.4	706.5	735.0	787.5	*801.0*	890.2
27.5°	1026.6	1024.3	997.1	928.8	860.5	778.7	747.6	766.3	812.1	*827.3*	922.8
30°	1174.1	1180.9	1132.7	1059.2	972.8	865.1	803.0	804.8	843.9	*857.6*	962.4
32.5°	1347.5	1359.2	1301.2	1208.0	1090.0	959.1	872.9	858.7	890.2	*901.6*	1012.4
35°	1519.3	1532.5	1484.4	1381.4	1245.5	1069.8	945.9	920.5	951.8	*964.2*	1078.6
37.5°	1667.9	1685.5	1660.6	1571.1	1411.9	1203.4	1041.1	993.2	1027.6	*1043.2*	1167.7
40°	1785.1	1812.0	1810.2	1754.3	1608.1	1365.4	1162.0	1083.0	1121.8	*1138.7*	1275.6
42.5°	1880.4	1903.6	1923.8	1921.0	1812.8	1549.4	1304.0	1199.7	1229.2	*1248.7*	1396.9
45°	1946.1	1970.9	2014.4	2061.2	2009.8	1746.3	1466.8	1338.2	1365.1	*1394.4*	1541.6
47.5°	2004.8	2033.0	2089.5	2163.7	2176.9	1944.0	1645.1	1499.4	1524.0	*1554.3*	1686.8
50°	2010.0	2034.3	2121.8	2227.1	2295.7	2134.0	1836.6	1680.3	1703.3	*1735.7*	1842.3
52.5°	1885.0	1923.3	2076.0	2225.3	2350.3	2292.9	2026.8	1868.5	1894.3	*1933.1*	2003.3
55°	1463.2	1519.3	1941.7	2156.0	2330.9	2395.6	2207.7	2068.5	2101.6	*2142.3*	2165.3
57.5°	1260.3	1284.9	1541.3	2029.7	2242.4	2422.3	2360.4	2270.6	2323.9	*2368.4*	2336.6
60°	1132.7	1153.2	1304.8	1833.3	2125.9	2380.1	2478.4	2459.0	2551.1	*2604.2*	2511.8
62.5°	996.1	1015.5	1153.4	1530.7	1976.9	2309.9	2552.9	2632.9	2784.0	*2842.0*	2676.9
65°	860.5	877.0	1009.3	1286.2	1787.5	2239.8	2591.5	2783.3	2999.6	*3059.7*	2814.1
67.5°	709.3	723.1	848.0	1085.1	1557.1	2143.8	2610.7	2901.5	3187.2	*3238.7*	2881.9
70°	*511.9*	*522.5*	*651.6*	*858.1*	*1268.1*	*1978.7*	*2602.9*	*2985.4*	*3284.5*	*3325.7*	*2830.6*
72.5°	242.0	251.5	403.2	557.2	895.7	1657.3	2445.8	2918.9	3185.7	*3165.2*	2517.0
75°	129.1	137.4	231.6	305.6	473.1	1136.1	2001.5	2514.4	2675.1	*2575.7*	1860.2
77.5°	87.5	93.9	143.4	183.5	216.1	539.3	1286.4	1740.9	1674.9	*1510.8*	931.6
80°	69.4	76.1	117.5	124.2	104.6	194.9	531.6	805.9	578.9	*463.0*	265.0
82.5°	53.3	60.8	98.9	90.1	56.9	80.0	154.8	254.9	148.3	*112.8*	64.2
85°	32.6	40.6	77.6	57.5	32.1	36.5	52.5	70.9	45.3	*37.8*	23.0
87.5°	16.6	23.3	39.3	21.0	14.5	8.5	14.0	14.0	11.9	*10.4*	6.0
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°	704.9	704.9	704.9	704.9	704.9	704.9	704.9	704.9	704.9	704.9	704.9
2.5°	707.5	712.7	721.5	729.8	736.3	742.5	748.7	752.0	753.1	757.2	759.5
5°	715.8	725.4	742.5	758.5	768.6	774.8	779.2	781.8	782.3	783.6	785.7
7.5°	731.1	746.3	770.2	786.2	793.7	793.2	791.4	784.9	782.3	780.0	780.5
10°	752.6	772.7	802.0	813.1	808.5	796.0	780.0	761.1	752.3	743.8	741.2
12.5°	779.2	804.8	833.6	833.0	810.0	778.2	740.9	711.9	693.6	680.4	677.2
15°	811.6	841.1	863.1	845.5	795.0	737.8	683.2	645.4	628.9	614.4	612.8
17.5°	844.9	876.5	886.6	841.6	757.2	678.0	616.2	586.4	570.1	562.3	564.7
20°	877.6	908.9	900.6	819.3	699.8	610.2	555.1	538.8	535.4	537.2	536.5
22.5°	912.0	939.9	903.4	776.4	626.5	540.9	510.6	511.1	518.6	524.0	525.3
25°	947.2	966.1	895.9	714.3	547.9	489.9	482.4	490.7	505.4	516.0	518.9
27.5°	981.1	989.3	879.6	637.4	480.3	453.4	454.7	471.8	494.0	508.8	512.4
30°	1019.4	1010.1	848.3	551.0	433.5	422.1	433.0	452.9	475.1	488.3	491.4
32.5°	1062.6	1027.9	798.6	471.0	400.3	397.0	414.8	427.8	437.6	441.5	443.6
35°	1116.4	1053.0	735.0	414.8	370.6	378.6	395.7	389.2	385.3	383.3	385.3
37.5°	1186.3	1086.9	660.4	378.3	346.5	365.4	372.4	352.2	336.9	329.4	331.2
40°	1270.4	1136.6	588.7	350.1	331.2	354.0	341.9	317.5	298.1	287.5	288.3
42.5°	1363.8	1188.6	528.4	328.9	322.7	344.7	319.3	290.4	259.0	255.7	259.0
45°	1461.9	1242.2	487.3	312.6	318.6	336.7	306.4	259.6	237.3	251.0	258.3
47.5°	1560.0	1291.4	462.5	300.5	316.5	327.6	295.0	242.5	226.7	246.6	255.9
50°	1669.2	1335.3	451.3	291.7	314.2	324.0	277.9	238.1	215.6	228.8	238.6
52.5°	1777.6	1369.5	443.0	282.9	310.8	321.2	269.7	232.9	202.1	202.9	208.3
55°	1885.8	1391.8	434.0	271.2	303.3	314.9	268.9	227.2	192.0	188.4	191.0
57.5°	2001.2	1404.4	422.9	258.3	290.4	299.2	268.1	222.8	188.9	183.0	183.7
60°	2118.7	1423.1	408.4	242.5	273.0	280.3	266.3	221.3	187.1	177.0	177.8
62.5°	2224.0	1429.5	391.0	227.5	250.8	261.6	262.4	220.0	182.2	164.8	164.8
65°	2293.1	1401.6	360.8	210.4	226.7	242.5	254.9	215.6	173.4	156.0	156.0
67.5°	2290.3	1321.9	313.4	188.4	203.4	221.3	244.0	208.1	162.8	145.2	146.0
70°	*2183.7*	*1164.5*	*253.4*	*162.8*	*177.8*	*198.5*	*230.1*	*196.9*	*150.1*	*133.3*	*134.8*
72.5°	1872.9	911.5	184.0	132.8	148.0	174.9	211.9	183.5	137.2	122.7	121.9
75°	1337.9	576.8	124.7	102.0	115.2	148.3	189.4	167.7	125.3	123.2	116.2
77.5°	683.5	275.6	82.6	74.5	80.2	117.0	159.2	149.8	127.1	101.7	90.6
80°	222.3	101.7	52.0	50.7	53.3	77.9	123.2	122.9	96.3	69.1	61.1
82.5°	70.9	43.7	33.9	32.6	31.3	48.9	85.9	97.3	65.0	43.7	43.5
85°	28.2	26.1	19.9	18.4	13.2	23.0	45.0	64.7	48.4	31.6	32.3
87.5°	10.4	10.4	5.4	3.9	2.8	7.8	12.2	19.4	27.7	16.3	16.0
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)