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: P1198896

Luminaire Tested: GPC-SB1D-827-U-T3R

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1198896
	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-SB1D-827-U-T3R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 2700K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE III ROADWAY OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9132 lumens
Efficiency:	N/A
Efficacy:	114.7 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B2 - U0 - G2

Input Watts (W):	79.6
Input Voltage (V):	120.0
Input Current (Ain):	0.638
Voltage Rise (V):	NR
Power Factor:	0.997
Total Harmonic Distortion (THDi):	6.673
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

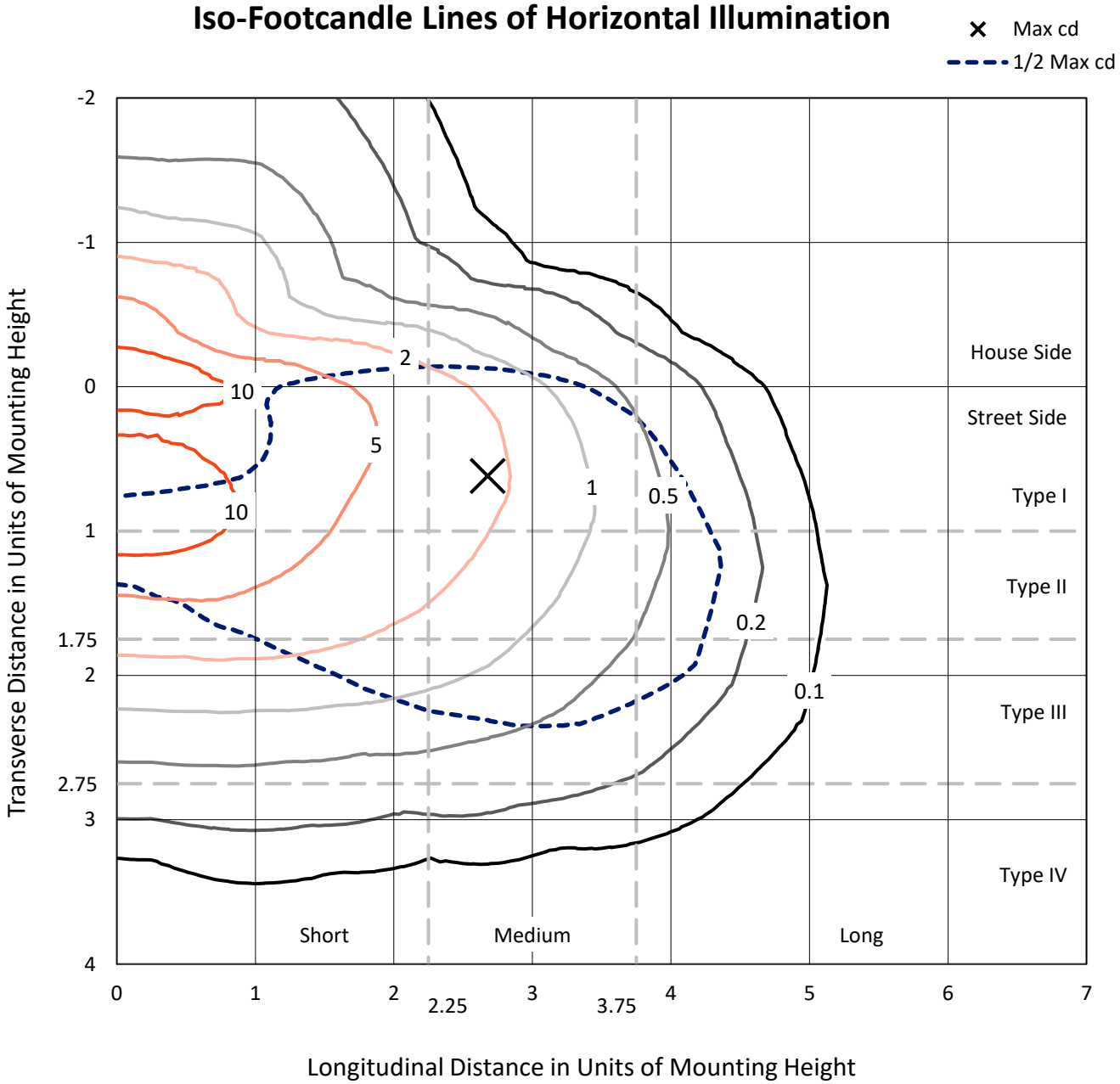


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Iso-Footcandle Lines of Horizontal Illumination



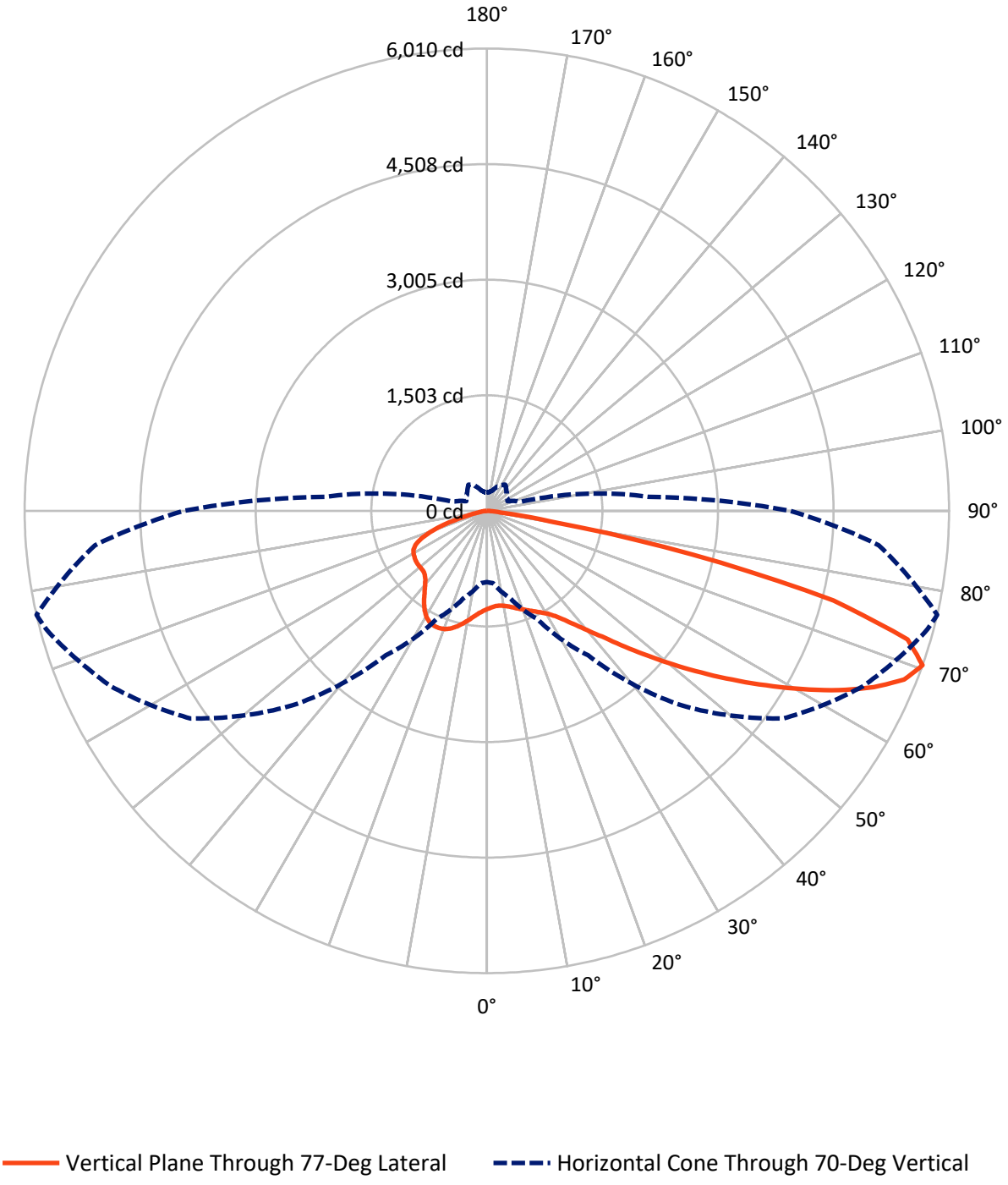
Based on 10 foot mounting height. Maximum calculated value = 15.1 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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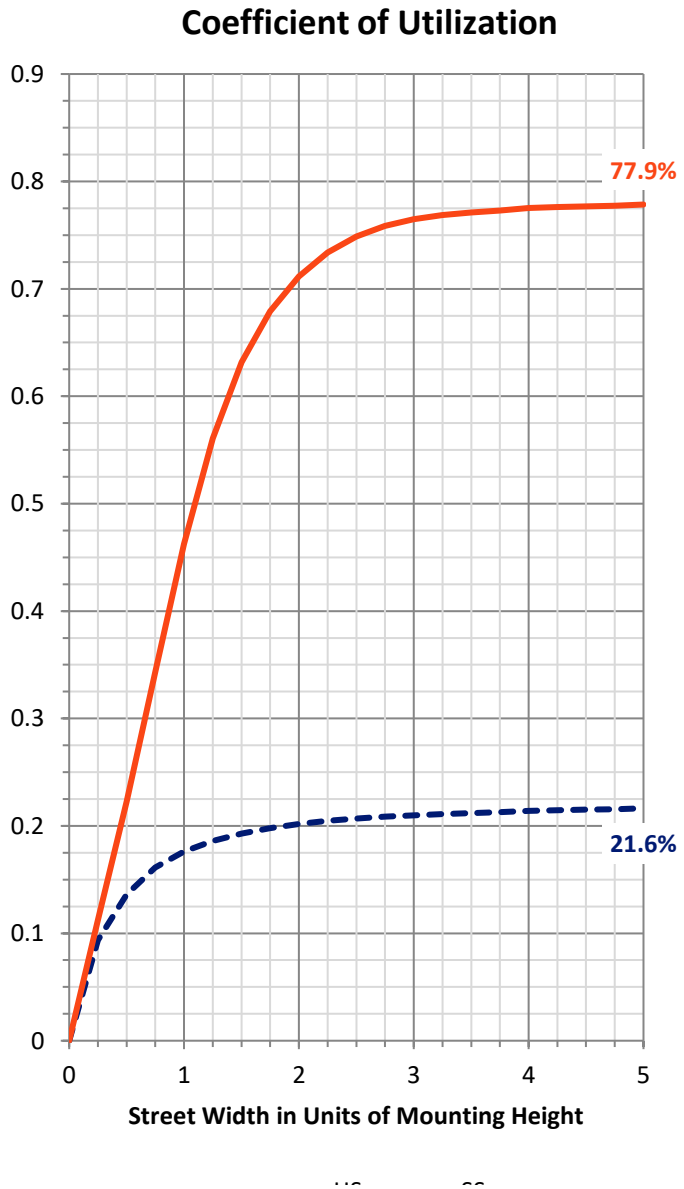
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1999.8	0.0	1999.8
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	7132.2	0.0	7132.2
	% Fixture	78.1	0.0	78.1
Total	Lumens	9132.0	0.0	9132.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.5	1.3
10°-20°	350.7	3.8
20°-30°	599.7	6.6
30°-40°	964.4	10.6
40°-50°	1505.7	16.5
50°-60°	2011.2	22.0
60°-70°	2143.6	23.5
70°-80°	1319.6	14.5
80°-90°	115.6	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°	9132.0	100.0
0°-180°	9132.0	100.0



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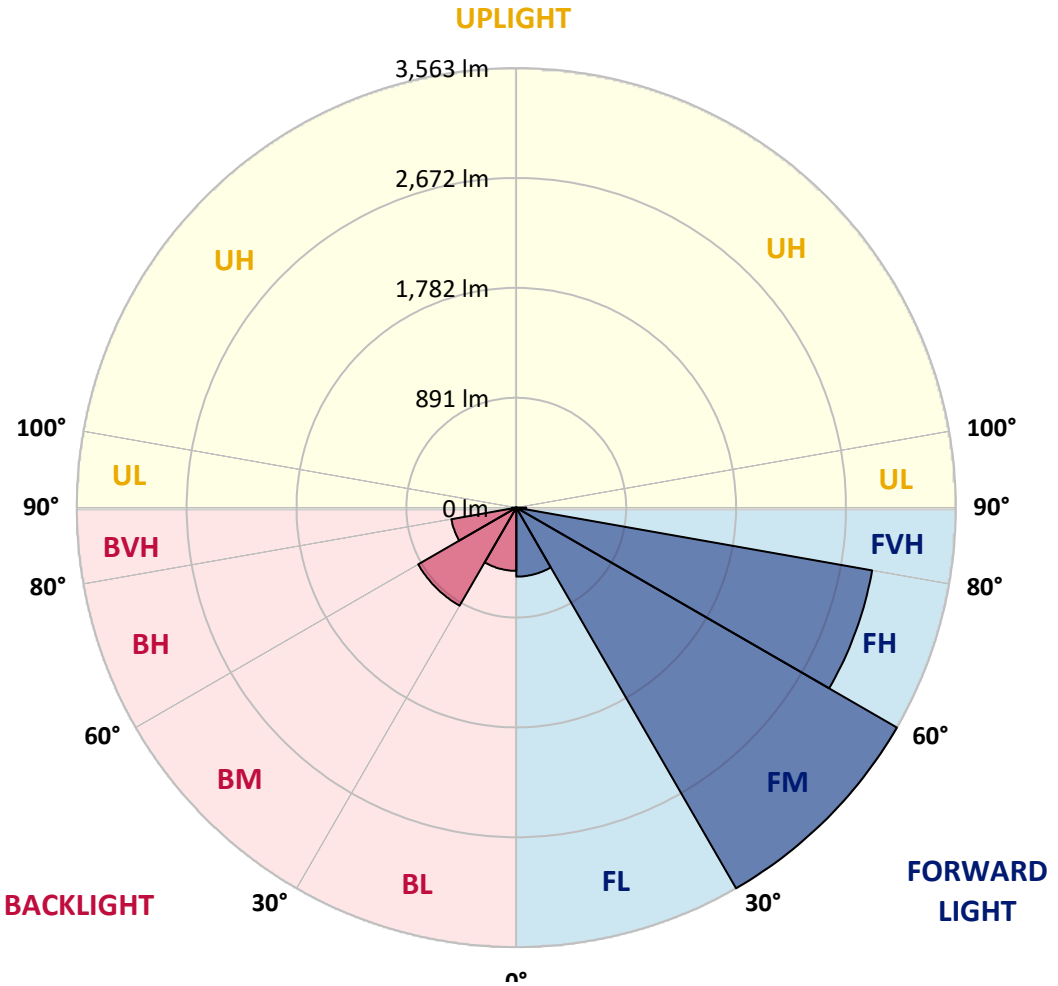
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	559.5	6.1			
FM	(30°-60°)	3563.1	39.0			
FH	(60°-80°)	2928.8	32.1			G2/5000
FVH	(80°-90°)	80.9	0.9			G1/100
BL	(0°-30°)	512.4	5.6	B2/1000		
BM	(30°-60°)	918.1	10.1	B1/1000		
BH	(60°-80°)	534.5	5.9	B2/1000		G2/1000
BVH	(80°-90°)	34.8	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°	1274.0	1274.0	1274.0	1274.0	1274.0	1274.0	1274.0	1274.0	1274.0	*1274.0*	1274.0
2.5°	1174.4	1173.9	1180.0	1181.9	1193.1	1201.0	1216.0	1231.9	1252.5	*1254.8*	1267.4
5°	1106.6	1106.6	1113.6	1121.1	1135.6	1151.5	1174.4	1202.0	1237.5	*1243.1*	1274.5
7.5°	1049.0	1052.8	1058.9	1073.4	1090.2	1113.1	1148.2	1187.5	1234.2	*1243.1*	1293.6
10°	1002.7	1006.9	1014.4	1026.1	1051.4	1083.2	1129.0	1179.5	1242.2	*1256.2*	1321.7
12.5°	988.2	992.4	996.7	1005.5	1028.9	1066.3	1121.1	1183.3	1261.4	*1275.4*	1360.1
15°	1021.9	1027.1	1023.8	1021.4	1033.6	1067.7	1124.8	1196.8	1285.2	*1305.3*	1407.3
17.5°	1099.5	1101.4	1093.9	1072.0	1070.1	1088.3	1142.6	1215.5	1315.2	*1337.1*	1455.0
20°	1224.9	1221.6	1206.2	1162.7	1137.9	1134.2	1173.0	1243.6	1346.0	*1369.4*	1506.4
22.5°	1395.1	1391.4	1360.5	1291.8	1236.6	1200.1	1216.9	1280.1	1380.6	*1406.8*	1556.5
25°	1607.5	1602.3	1557.0	1463.4	1377.8	1287.6	1276.8	1328.2	1423.2	*1447.5*	1608.9
27.5°	1855.3	1851.1	1802.0	1678.6	1555.1	1407.3	1351.2	1384.8	1467.6	*1495.2*	1667.8
30°	2121.9	2134.1	2047.1	1914.3	1758.1	1563.5	1451.3	1454.5	1525.1	*1549.9*	1739.4
32.5°	2435.3	2456.3	2351.6	2183.2	1969.9	1733.3	1577.5	1551.8	1608.9	*1629.4*	1829.6
35°	2745.8	2769.7	2682.7	2496.5	2251.0	1933.4	1709.4	1663.6	1720.2	*1742.6*	1949.3
37.5°	3014.3	3046.1	3001.2	2839.4	2551.7	2174.8	1881.5	1795.0	1857.2	*1885.3*	2110.2
40°	3226.2	3274.8	3271.5	3170.5	2906.2	2467.6	2099.9	1957.3	2027.5	*2057.9*	2305.3
42.5°	3398.3	3440.4	3476.8	3471.7	3276.2	2800.1	2356.7	2168.2	2221.5	*2256.6*	2524.6
45°	3517.1	3562.0	3640.5	3725.2	3632.1	3156.0	2650.9	2418.4	2467.1	*2519.9*	2786.1
47.5°	3623.2	3674.2	3776.2	3910.4	3934.2	3513.3	2973.1	2709.8	2754.2	*2809.0*	3048.4
50°	3632.6	3676.5	3834.6	4025.0	4148.9	3856.6	3319.2	3036.7	3078.4	*3136.8*	3329.5
52.5°	3406.7	3475.9	3751.8	4021.7	4247.6	4143.8	3663.0	3376.7	3423.5	*3493.7*	3620.4
55°	2644.3	2745.8	3509.1	3896.4	4212.5	4329.4	3989.9	3738.3	3798.1	*3871.6*	3913.2
57.5°	2277.7	2322.1	2785.6	3668.1	4052.6	4377.6	4265.8	4103.5	4199.9	*4280.3*	4222.8
60°	2047.1	2084.0	2358.1	3313.1	3842.1	4301.4	4479.1	4444.0	4610.5	*4706.4*	4539.4
62.5°	1800.2	1835.2	2084.5	2766.4	3572.7	4174.6	4613.8	4758.3	5031.4	*5136.2*	4837.8
65°	1555.1	1585.0	1824.0	2324.4	3230.4	4047.9	4683.5	5030.0	5421.0	*5529.5*	5085.7
67.5°	1281.9	1306.7	1532.6	1961.0	2814.1	3874.4	4718.1	5243.8	5760.1	*5853.2*	5208.2
70°	*925.1*	*944.3*	*1177.7*	*1550.9*	*2291.7*	*3576.0*	*4704.1*	*5395.3*	*5936.0*	*6010.3*	*5115.6*
72.5°	437.3	454.6	728.7	1006.9	1618.7	2995.1	4420.2	5275.1	5757.3	*5720.4*	4548.8
75°	233.4	248.3	418.6	552.3	854.9	2053.2	3617.1	4544.1	4834.5	*4655.0*	3361.8
77.5°	158.1	169.8	259.1	331.6	390.5	974.7	2324.9	3146.2	3026.9	*2730.4*	1683.7
80°	125.3	137.5	212.3	224.5	188.9	352.2	960.6	1456.4	1046.2	*836.7*	478.9
82.5°	96.3	109.9	178.7	162.8	102.9	144.5	279.7	460.7	268.0	*203.9*	116.0
85°	58.9	73.4	140.3	103.8	58.0	65.9	94.9	128.1	81.8	*68.3*	41.6
87.5°	29.9	42.1	71.1	37.9	26.2	15.4	25.3	25.3	21.5	*18.7*	10.8
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°	1274.0	1274.0	1274.0	1274.0	1274.0	1274.0	1274.0	1274.0	1274.0	1274.0	1274.0
2.5°	1278.7	1288.0	1303.9	1318.9	1330.6	1341.8	1353.0	1359.1	1361.0	1368.5	1372.7
5°	1293.6	1310.9	1341.8	1370.8	1389.0	1400.3	1408.2	1412.9	1413.8	1416.2	1419.9
7.5°	1321.2	1348.8	1391.9	1420.9	1434.4	1433.5	1430.2	1418.5	1413.8	1409.6	1410.6
10°	1360.1	1396.5	1449.4	1469.5	1461.1	1438.6	1409.6	1375.5	1359.6	1344.2	1339.5
12.5°	1408.2	1454.5	1506.4	1505.5	1463.9	1406.4	1339.0	1286.6	1253.4	1229.6	1224.0
15°	1466.7	1520.0	1559.8	1528.0	1436.8	1333.4	1234.7	1166.4	1136.5	1110.3	1107.5
17.5°	1527.0	1584.1	1602.3	1520.9	1368.5	1225.4	1113.6	1059.8	1030.3	1016.3	1020.5
20°	1585.9	1642.5	1627.6	1480.7	1264.6	1102.8	1003.2	973.7	967.7	970.9	969.5
22.5°	1648.2	1698.7	1632.7	1403.1	1132.3	977.5	922.8	923.7	937.3	947.1	949.4
25°	1711.8	1745.9	1619.2	1290.8	990.1	885.3	871.8	886.7	913.4	932.6	937.7
27.5°	1773.0	1788.0	1589.7	1151.9	868.0	819.4	821.7	852.6	892.8	919.5	926.0
30°	1842.2	1825.4	1533.1	995.7	783.4	762.8	782.5	818.5	858.7	882.5	888.2
32.5°	1920.3	1857.7	1443.3	851.2	723.5	717.4	749.7	773.1	790.9	797.9	801.6
35°	2017.6	1903.0	1328.2	749.7	669.7	684.2	715.1	703.4	696.4	692.7	696.4
37.5°	2143.9	1964.3	1193.6	683.8	626.2	660.4	673.0	636.5	608.9	595.4	598.6
40°	2295.9	2054.1	1064.0	632.8	598.6	639.8	617.8	573.9	538.8	519.6	521.0
42.5°	2464.7	2148.1	955.0	594.4	583.2	623.0	577.1	524.8	468.2	462.1	468.2
45°	2642.0	2244.9	880.7	565.0	575.7	608.5	553.7	469.1	428.9	453.7	466.8
47.5°	2819.3	2333.8	835.8	543.0	572.0	592.1	533.2	438.2	409.7	445.7	462.5
50°	3016.6	2413.3	815.7	527.1	567.8	585.6	502.3	430.3	389.6	413.4	431.2
52.5°	3212.6	2475.0	800.7	511.2	561.7	580.4	487.3	420.9	365.3	366.7	376.5
55°	3408.1	2515.3	784.3	490.1	548.1	569.2	485.9	410.6	347.0	340.5	345.2
57.5°	3616.7	2538.2	764.2	466.8	524.8	540.7	484.5	402.7	341.4	330.7	332.1
60°	3829.0	2571.8	738.0	438.2	493.4	506.5	481.3	399.9	338.1	319.9	321.3
62.5°	4019.4	2583.5	706.7	411.1	453.2	472.8	474.2	397.5	329.3	297.9	297.9
65°	4144.2	2533.0	652.0	380.2	409.7	438.2	460.7	389.6	313.4	282.0	282.0
67.5°	4139.1	2389.0	566.4	340.5	367.6	399.9	441.0	376.0	294.2	262.4	263.8
70°	*3946.4*	*2104.6*	*457.9*	*294.2*	*321.3*	*358.7*	*415.8*	*355.9*	*271.3*	*240.9*	*243.7*
72.5°	3384.7	1647.2	332.5	239.9	267.5	316.2	383.0	331.6	247.9	221.7	220.3
75°	2418.0	1042.5	225.4	184.3	208.1	268.0	342.4	303.1	226.4	222.6	210.0
77.5°	1235.2	498.1	149.2	134.7	145.0	211.4	287.6	270.8	229.6	183.8	163.7
80°	401.7	183.8	94.0	91.7	96.3	140.8	222.6	222.2	174.0	124.9	110.4
82.5°	128.1	79.0	61.3	58.9	56.6	88.4	155.3	175.9	117.4	79.0	78.6
85°	51.0	47.2	36.0	33.2	23.9	41.6	81.4	116.9	87.5	57.1	58.5
87.5°	18.7	18.7	9.8	7.0	5.1	14.0	22.0	35.1	50.0	29.5	29.0
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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SS

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(END OF REPORT)