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: P1197455

Luminaire Tested: GPC-SB1A-827-U-SL3

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1197455
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-12)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1A-827-U-SL3
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 2700K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE III SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3833 lumens
Efficiency:	N/A
Efficacy:	124.0 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	30.9
Input Voltage (V):	120.0
Input Current (Ain):	0.263
Voltage Rise (V):	NR
Power Factor:	0.995
Total Harmonic Distortion (THDi):	6.356
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

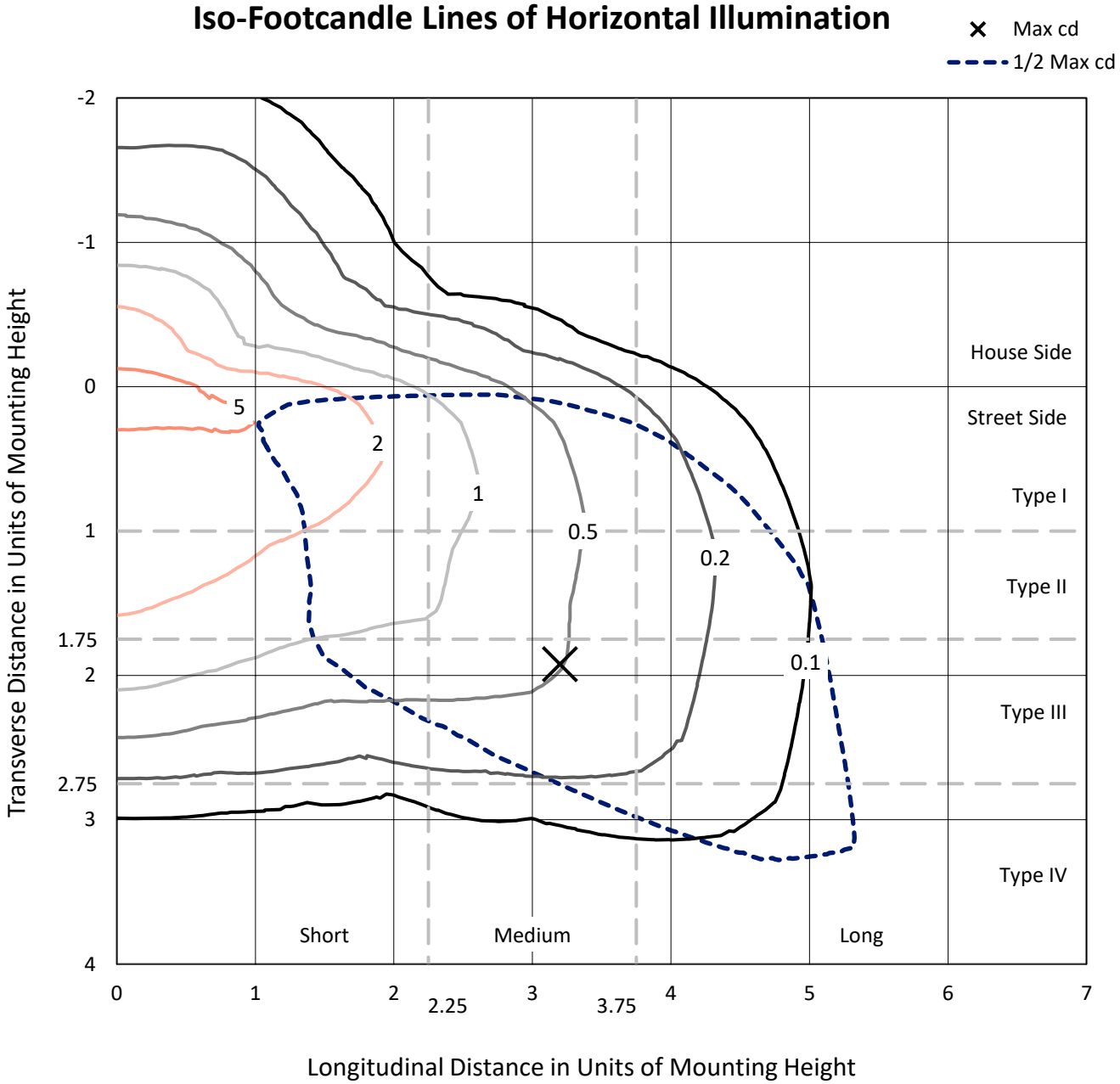


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Iso-Footcandle Lines of Horizontal Illumination



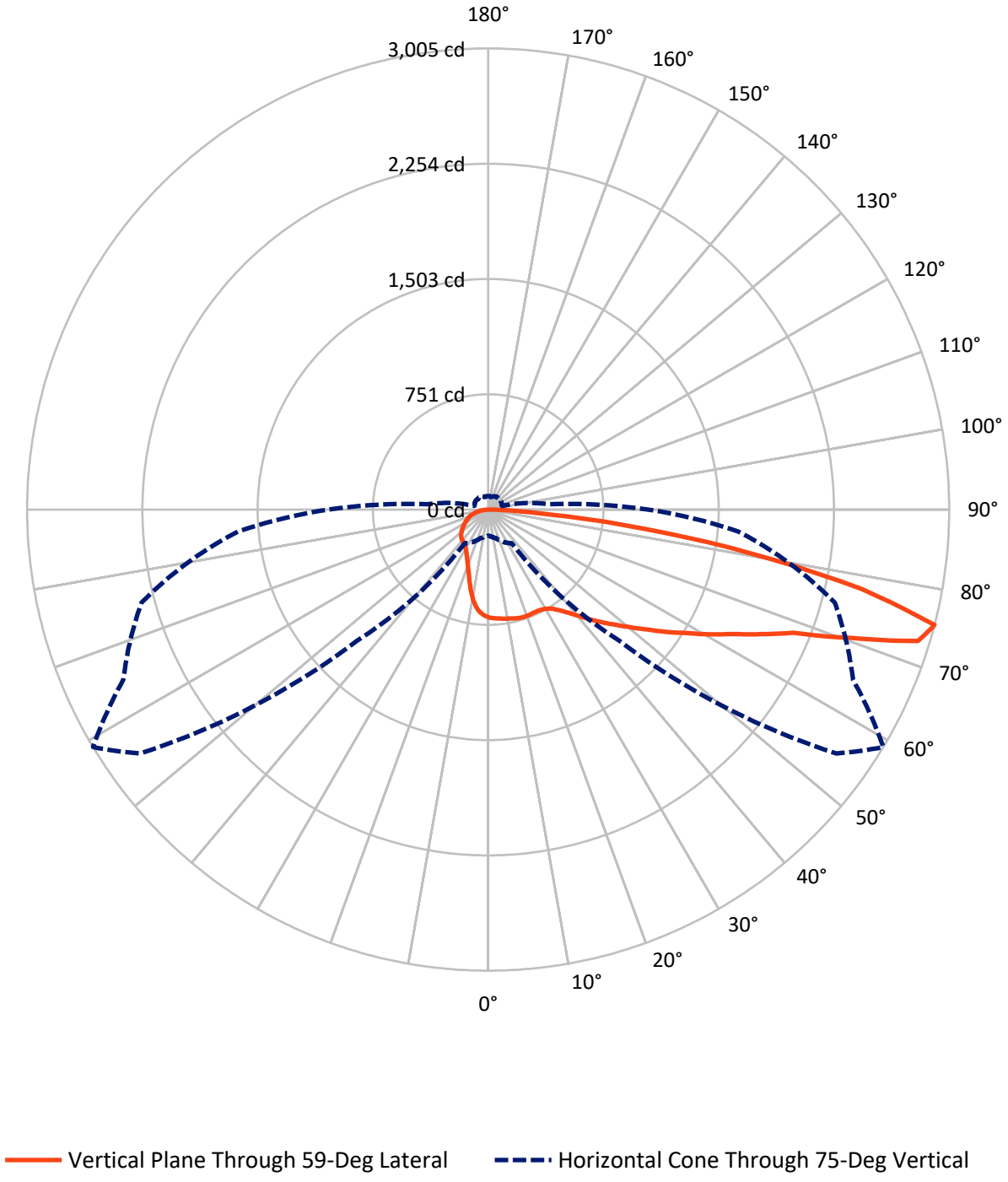
Based on 10 foot mounting height. Maximum calculated value = 7 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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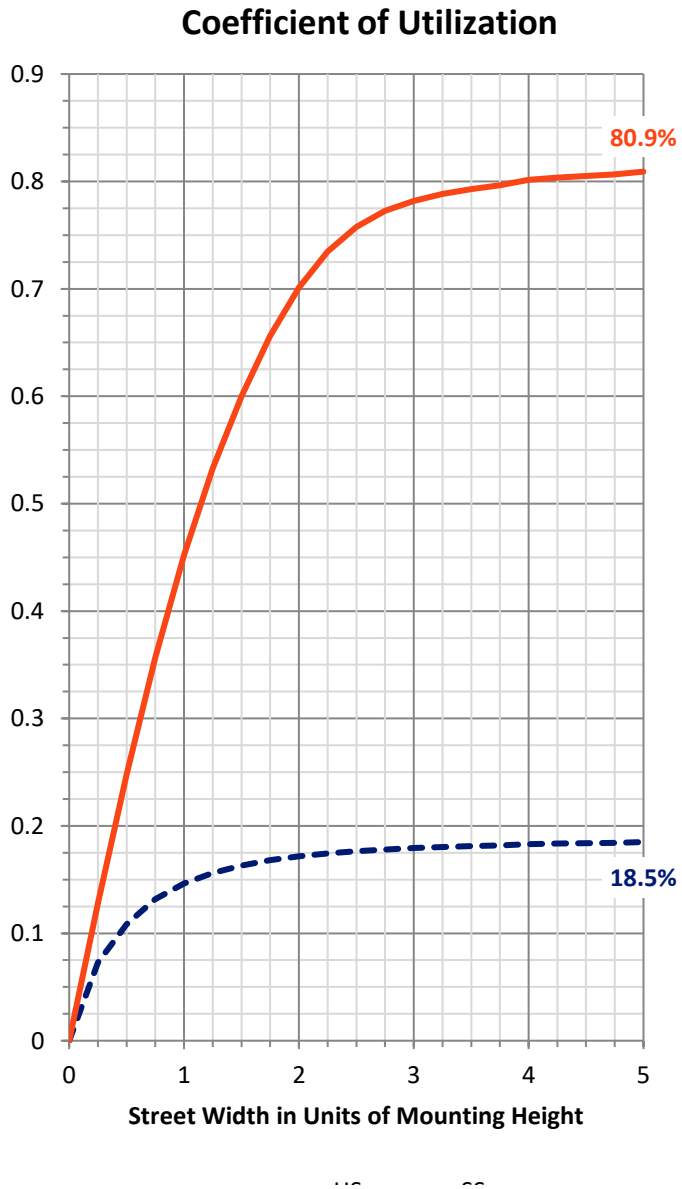
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	718.9	0.0	718.9
	% Fixture	18.8	0.0	18.8
Street Side	Lumens	3114.1	0.0	3114.1
	% Fixture	81.2	0.0	81.2
Total	Lumens	3833.0	0.0	3833.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.1	1.6
10°-20°	161.2	4.2
20°-30°	244.9	6.4
30°-40°	364.1	9.5
40°-50°	541.4	14.1
50°-60°	734.9	19.2
60°-70°	897.2	23.4
70°-80°	704.1	18.4
80°-90°	122.0	3.2
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°	3833.0	100.0
0°-180°	3833.0	100.0



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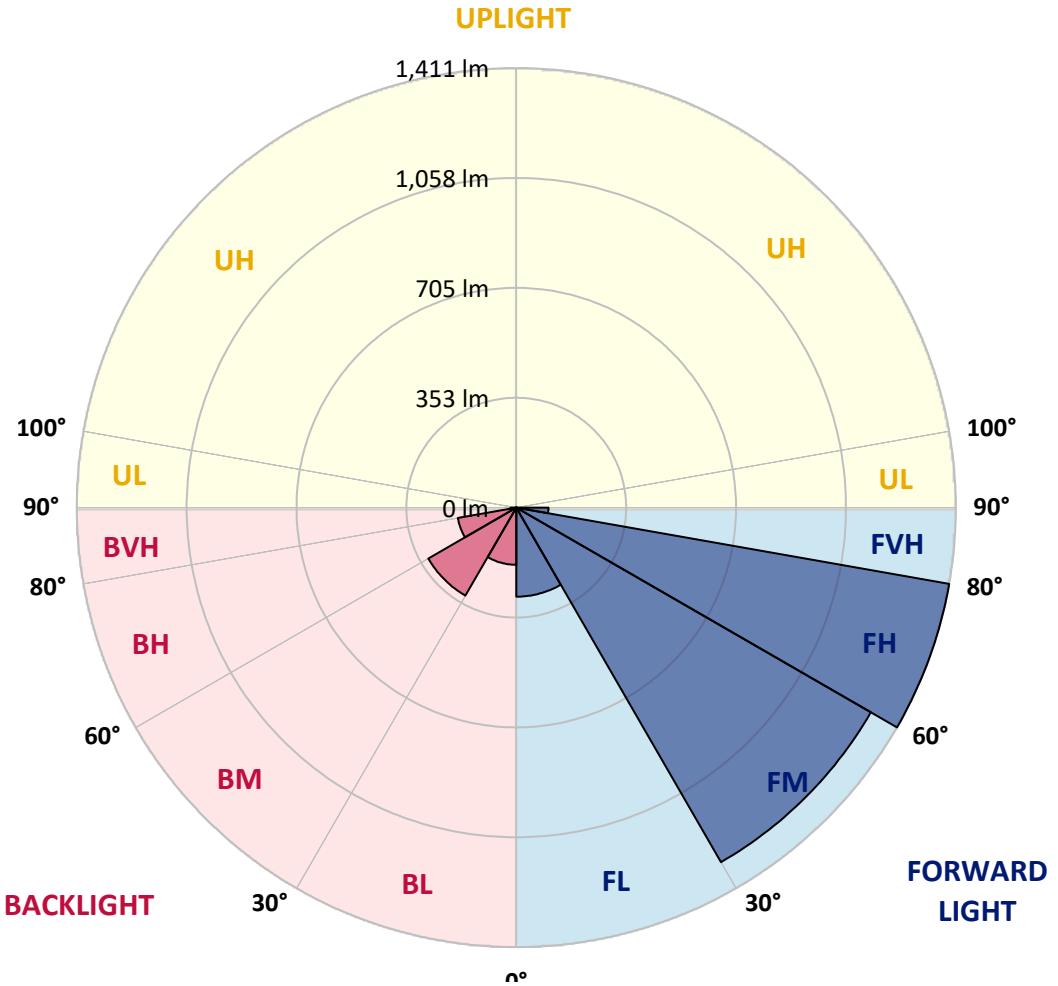
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	285.8	7.5			
FM	(30°-60°)	1314.1	34.3			
FH	(60°-80°)	1410.9	36.8			G1/1800
FVH	(80°-90°)	103.3	2.7			G2/225
BL	(0°-30°)	183.5	4.8	B1/500		
BM	(30°-60°)	326.3	8.5	B1/1000		
BH	(60°-80°)	190.5	5.0	B1/500		G1/500
BVH	(80°-90°)	18.7	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-G2
Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	703.5	703.5	703.5	703.5	703.5	703.5	703.5	703.5	703.5	703.5	703.5
2.5°	709.5	707.0	709.5	708.5	708.1	707.3	707.5	708.9	708.1	709.1	705.6
5°	704.8	703.3	705.8	705.2	707.9	708.3	711.0	712.6	713.6	713.8	711.2
7.5°	696.9	695.5	699.0	701.9	707.7	709.3	714.9	717.6	719.0	721.5	717.6
10°	668.3	667.7	676.3	687.2	700.9	709.3	717.8	722.3	724.6	731.2	726.6
12.5°	617.6	618.4	629.7	650.8	678.0	705.2	721.1	727.7	731.2	739.4	737.4
15°	569.1	568.9	581.3	603.7	641.9	687.0	722.7	734.1	740.0	752.2	750.6
17.5°	541.1	540.2	548.9	566.0	601.5	659.2	718.6	737.6	750.3	765.6	764.2
20°	535.9	534.3	538.8	547.2	572.4	628.7	707.9	737.6	758.6	778.4	777.6
22.5°	554.7	552.0	550.1	549.1	560.2	603.5	695.7	735.1	770.8	796.7	795.3
25°	592.4	588.3	578.8	569.5	566.2	592.2	685.0	734.5	788.9	821.5	816.1
27.5°	653.4	648.3	629.1	606.8	586.8	598.0	680.2	738.2	808.9	847.7	836.9
30°	729.1	723.5	699.4	665.2	629.3	619.4	686.2	749.1	834.5	882.5	861.5
32.5°	796.9	790.8	770.1	735.3	686.8	656.5	705.2	769.9	874.7	931.0	898.4
35°	857.2	849.9	831.4	799.2	757.4	708.7	739.4	806.8	931.8	1009.7	948.5
37.5°	916.1	907.7	887.5	853.4	824.2	778.2	786.6	854.3	1007.7	1105.4	1014.9
40°	982.1	969.9	945.4	911.8	883.3	859.6	848.7	912.4	1084.8	1212.2	1097.8
42.5°	1046.0	1034.5	1005.2	976.5	940.9	934.1	920.7	980.5	1169.1	1329.5	1181.9
45°	1114.9	1101.1	1065.6	1029.3	1006.9	983.6	990.4	1048.5	1251.8	1449.1	1270.2
47.5°	1179.4	1164.0	1122.1	1081.7	1069.3	1025.2	1054.3	1123.4	1337.8	1570.4	1357.6
50°	1214.3	1199.0	1164.2	1127.7	1118.0	1076.5	1123.6	1205.6	1427.9	1691.2	1441.5
52.5°	1243.4	1226.9	1181.3	1161.1	1158.2	1132.4	1208.9	1299.6	1518.0	1798.0	1522.5
55°	1274.3	1255.9	1197.8	1179.6	1192.8	1195.1	1310.2	1406.3	1613.3	1902.2	1599.0
57.5°	1310.0	1286.7	1213.7	1195.3	1226.7	1268.5	1426.5	1516.8	1706.9	1998.7	1667.1
60°	1343.6	1320.1	1244.2	1220.3	1263.2	1353.7	1559.9	1650.6	1812.9	2084.6	1731.4
62.5°	1350.2	1330.8	1268.5	1268.3	1312.6	1453.1	1717.8	1785.7	1905.5	2169.6	1789.2
65°	1235.9	1223.8	1186.9	1266.5	1383.6	1596.2	1893.7	1958.4	2023.2	2243.8	1839.9
67.5°	940.7	942.3	939.6	1093.2	1326.2	1801.7	2148.3	2143.4	2168.6	2327.1	1898.2
70°	430.1	439.8	502.9	754.7	1062.5	1825.4	2569.4	2505.3	2351.0	2435.0	1948.8
72.5°	232.4	239.8	265.6	365.6	638.8	1623.0	2884.1	2929.6	2593.7	2507.5	1893.3
75°	170.5	174.6	192.6	232.4	268.3	1206.2	2771.3	3005.1	2624.0	2338.3	1634.9
77.5°	127.6	129.5	144.1	184.1	137.3	635.9	2214.3	2488.8	2246.3	1921.1	1207.7
80°	92.6	94.6	105.6	138.2	96.3	232.6	1520.5	1746.9	1538.4	1224.6	601.9
82.5°	63.9	64.7	69.5	94.0	67.2	90.3	862.7	1024.4	858.8	429.7	162.5
85°	38.6	39.6	41.7	54.8	38.1	42.9	372.4	385.2	256.7	102.7	50.5
87.5°	15.9	16.9	18.6	23.1	15.1	12.0	61.4	77.1	48.0	30.1	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°	703.5	703.5	703.5	703.5	703.5	703.5	703.5	703.5	703.5	703.5	703.5
2.5°	704.6	703.1	699.2	693.8	688.9	682.7	680.0	677.8	675.7	671.8	669.9
5°	708.9	705.0	694.5	680.9	665.4	648.5	632.0	620.6	611.0	603.7	597.8
7.5°	715.5	708.1	688.9	661.1	625.6	589.3	556.5	533.2	515.7	509.3	498.2
10°	722.3	713.4	680.0	631.0	569.7	513.8	470.3	446.4	432.4	427.9	420.8
12.5°	730.3	717.4	666.2	589.1	507.2	446.0	408.1	394.0	386.8	384.3	385.0
15°	742.1	720.7	645.4	536.7	447.7	396.5	372.0	362.3	358.6	358.4	359.2
17.5°	751.0	721.3	613.0	480.6	401.9	366.6	346.4	342.7	345.2	348.9	350.3
20°	760.9	715.7	570.5	429.5	369.7	340.4	332.0	334.4	340.4	345.8	347.6
22.5°	767.9	705.6	519.2	389.7	341.9	325.4	325.0	330.1	333.4	336.1	337.5
25°	774.1	688.5	464.8	356.3	319.0	316.3	320.8	319.2	316.9	319.2	320.6
27.5°	778.6	661.5	416.1	327.0	302.9	310.1	307.4	303.7	303.5	304.8	306.8
30°	777.2	625.4	376.1	299.2	291.6	298.6	292.2	291.6	290.9	291.6	293.8
32.5°	777.2	584.4	345.4	280.0	284.3	281.7	281.0	279.6	277.1	276.9	279.6
35°	781.5	543.3	319.0	269.7	278.4	272.0	272.4	268.9	263.7	261.2	263.7
37.5°	790.3	510.3	292.8	264.8	267.8	267.6	266.0	260.0	250.9	243.1	245.8
40°	811.8	500.6	274.9	262.5	262.9	265.4	261.0	249.5	228.9	216.1	217.7
42.5°	845.4	516.9	270.9	256.9	259.6	262.1	253.6	226.8	212.2	204.5	204.5
45°	888.1	545.4	279.4	248.9	251.8	256.1	230.9	218.2	211.6	211.8	212.8
47.5°	942.1	575.3	295.1	241.9	240.4	242.9	215.9	208.1	199.0	201.2	207.0
50°	1004.6	605.6	309.9	232.4	227.8	219.8	206.2	198.8	187.2	181.9	183.3
52.5°	1072.2	634.9	315.9	220.8	214.2	205.0	199.6	190.5	176.5	167.6	167.4
55°	1136.3	661.5	309.3	207.0	200.6	193.4	192.6	187.0	172.0	159.6	159.6
57.5°	1197.0	683.7	292.8	193.0	186.8	182.5	188.1	185.4	166.4	150.5	149.7
60°	1248.3	699.0	268.9	178.8	174.4	172.2	180.6	179.8	158.6	140.8	140.2
62.5°	1289.1	705.0	242.5	165.2	164.1	160.0	170.3	170.3	148.7	131.3	130.7
65°	1321.1	699.2	215.7	151.8	153.8	147.6	157.7	156.5	138.2	122.9	122.1
67.5°	1349.3	680.2	186.0	138.6	143.3	135.5	144.5	141.7	126.6	114.4	113.6
70°	1361.9	636.1	152.2	125.4	131.1	123.5	131.3	126.0	113.6	105.4	103.7
72.5°	1260.9	528.7	119.8	111.6	116.5	110.3	117.1	110.9	99.6	95.9	92.8
75°	*1043.1*	*396.7*	*92.2*	*96.5*	*100.2*	*95.5*	*100.0*	*95.5*	*85.2*	*87.8*	*80.2*
77.5°	757.6	267.8	70.5	80.6	82.3	79.8	83.7	78.6	69.3	68.7	65.6
80°	376.7	156.9	55.3	63.7	63.1	61.4	66.0	63.5	55.7	59.0	58.4
82.5°	109.1	67.2	40.2	44.7	43.5	43.9	47.2	48.5	72.6	72.0	73.6
85°	34.2	26.4	24.1	24.9	23.7	24.3	27.8	55.3	51.1	29.9	32.4
87.5°	8.9	9.1	6.0	6.4	6.6	7.8	8.9	33.6	16.1	10.5	11.1
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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(END OF REPORT)