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: P1197468

Luminaire Tested: GPC-SB1A-827-U-T3R

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1197468
	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-SB1A-827-U-T3R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 2700K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE III ROADWAY OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4026 lumens
Efficiency:	N/A
Efficacy:	130.3 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):	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

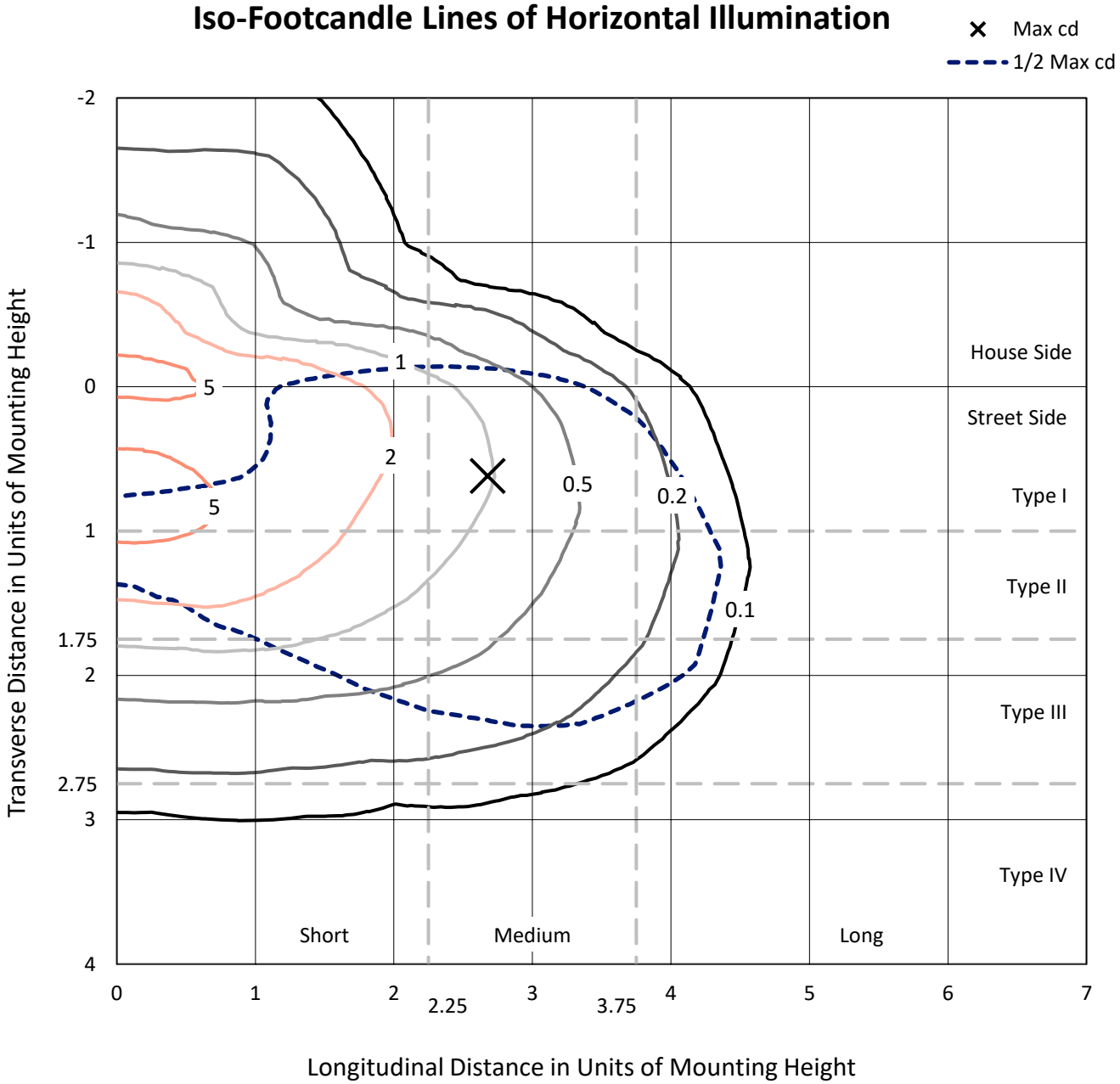


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Iso-Footcandle Lines of Horizontal Illumination



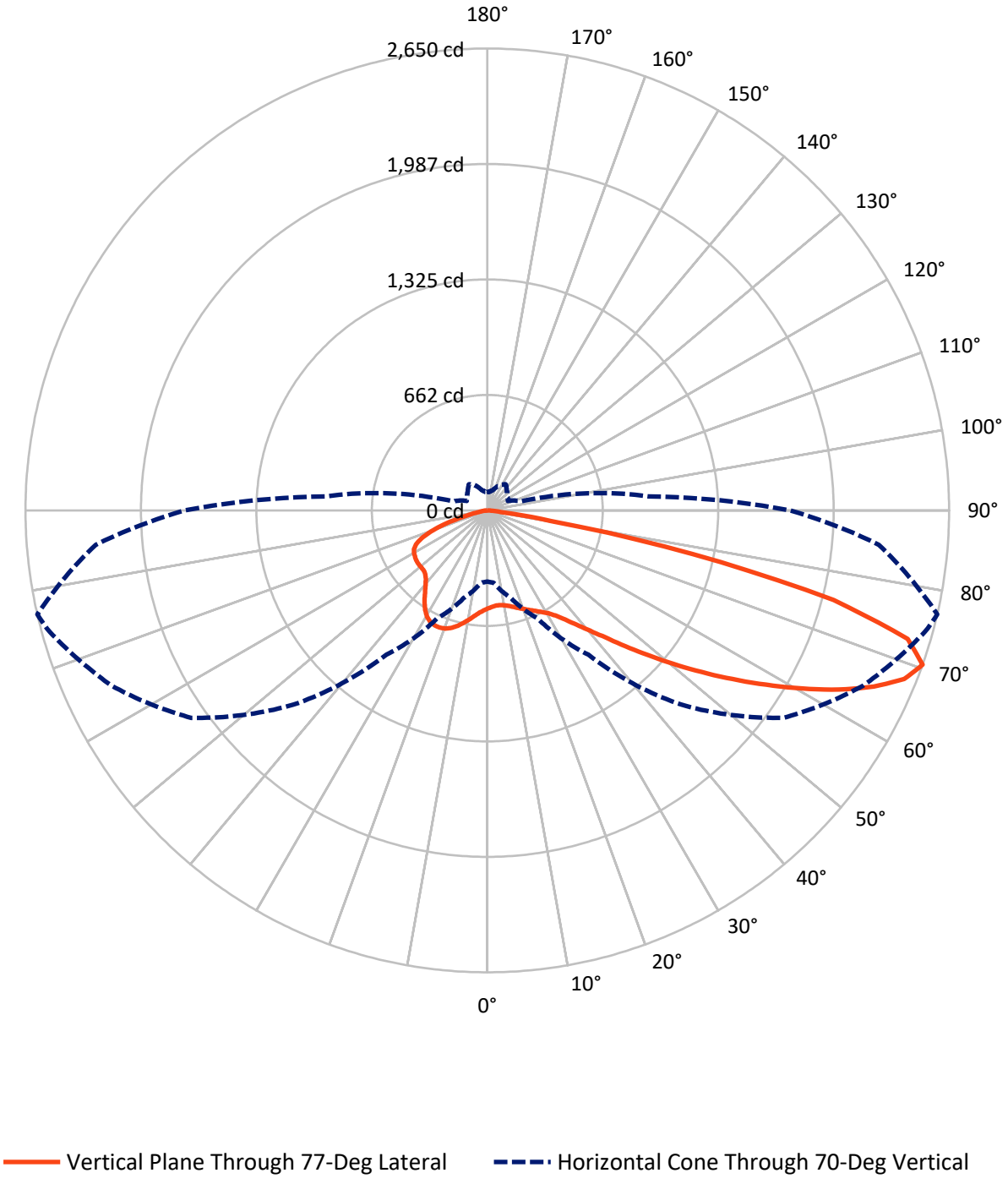
Based on 10 foot mounting height. Maximum calculated value = 6.7 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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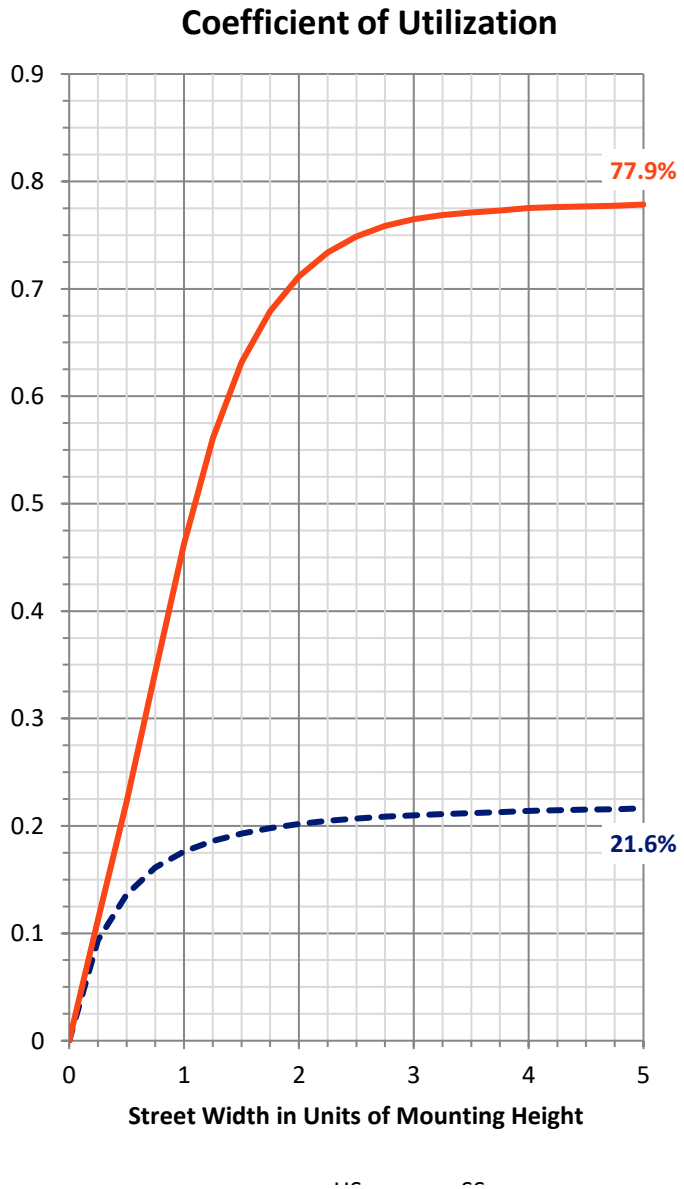
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	881.6	0.0	881.6
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	3144.4	0.0	3144.4
	% Fixture	78.1	0.0	78.1
Total	Lumens	4026.0	0.0	4026.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.6	1.3
10°-20°	154.6	3.8
20°-30°	264.4	6.6
30°-40°	425.2	10.6
40°-50°	663.8	16.5
50°-60°	886.7	22.0
60°-70°	945.1	23.5
70°-80°	581.8	14.5
80°-90°	51.0	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°	4026.0	100.0
0°-180°	4026.0	100.0



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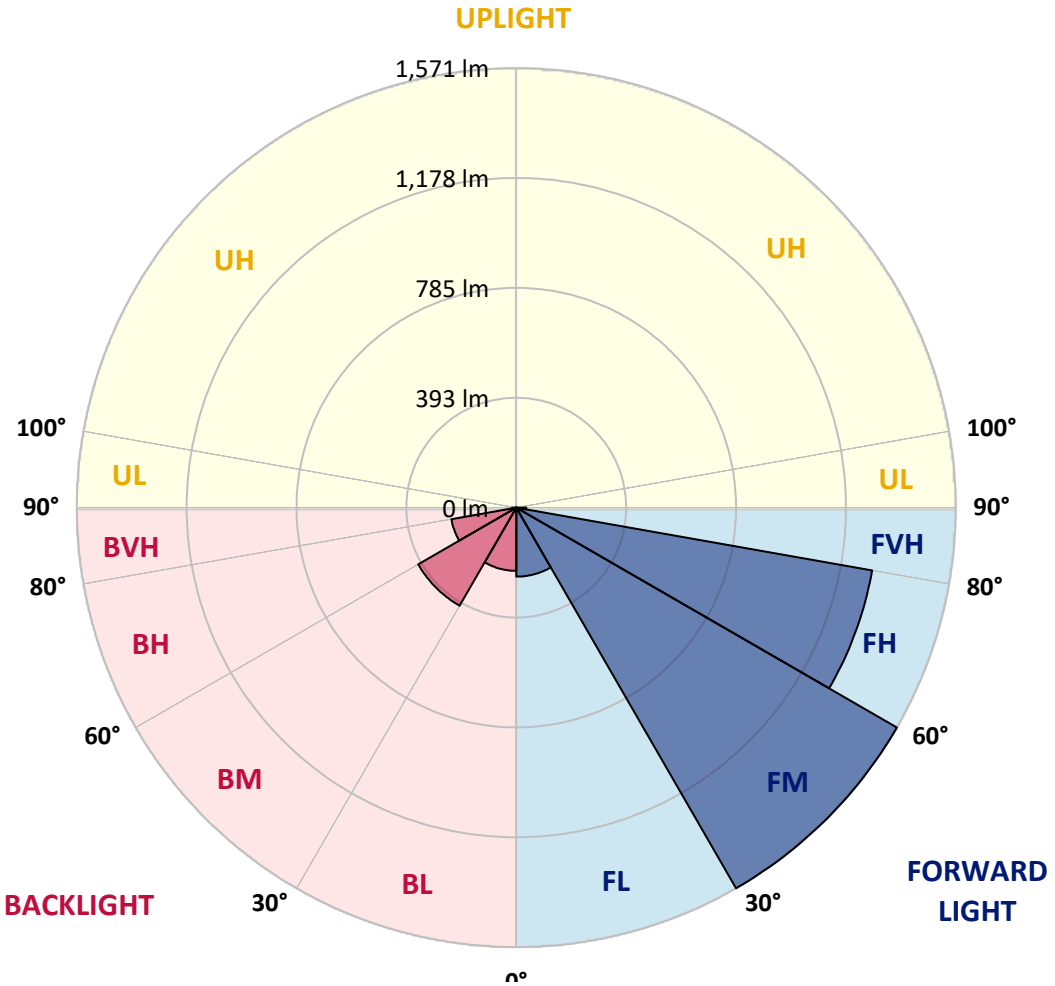
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	246.7	6.1			
FM	(30°-60°)	1570.9	39.0			
FH	(60°-80°)	1291.2	32.1			G1/1800
FVH	(80°-90°)	35.7	0.9			G1/100
BL	(0°-30°)	225.9	5.6	B1/500		
BM	(30°-60°)	404.8	10.1	B1/1000		
BH	(60°-80°)	235.6	5.9	B1/500		G1/500
BVH	(80°-90°)	15.3	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°	561.7	561.7	561.7	561.7	561.7	561.7	561.7	561.7	561.7	*561.7*	561.7
2.5°	517.7	517.5	520.2	521.0	526.0	529.5	536.1	543.1	552.2	*553.2*	558.8
5°	487.8	487.8	490.9	494.2	500.6	507.6	517.7	529.9	545.6	*548.1*	561.9
7.5°	462.5	464.1	466.8	473.2	480.6	490.7	506.2	523.5	544.1	*548.1*	570.3
10°	442.1	443.9	447.2	452.4	463.5	477.5	497.7	520.0	547.6	*553.8*	582.7
12.5°	435.7	437.5	439.4	443.3	453.6	470.1	494.2	521.7	556.1	*562.3*	599.6
15°	450.5	452.8	451.4	450.3	455.7	470.7	495.9	527.6	566.6	*575.5*	620.4
17.5°	484.8	485.6	482.3	472.6	471.8	479.8	503.7	535.9	579.8	*589.5*	641.5
20°	540.0	538.6	531.8	512.6	501.7	500.0	517.1	548.3	593.4	*603.7*	664.1
22.5°	615.1	613.4	599.8	569.5	545.2	529.1	536.5	564.3	608.7	*620.2*	686.2
25°	708.7	706.4	686.4	645.2	607.4	567.6	562.9	585.6	627.4	*638.2*	709.3
27.5°	818.0	816.1	794.5	740.0	685.6	620.4	595.7	610.5	647.0	*659.2*	735.3
30°	935.5	940.8	902.5	843.9	775.1	689.3	639.8	641.3	672.4	*683.3*	766.8
32.5°	1073.6	1082.9	1036.7	962.5	868.5	764.1	695.5	684.1	709.3	*718.4*	806.6
35°	1210.5	1221.1	1182.7	1100.6	992.4	852.4	753.6	733.4	758.4	*768.3*	859.4
37.5°	1328.9	1342.9	1323.1	1251.8	1125.0	958.8	829.5	791.4	818.8	*831.2*	930.3
40°	1422.3	1443.7	1442.3	1397.8	1281.3	1087.9	925.8	862.9	893.8	*907.2*	1016.3
42.5°	1498.2	1516.7	1532.8	1530.6	1444.4	1234.5	1039.0	955.9	979.4	*994.9*	1113.0
45°	1550.6	1570.3	1605.0	1642.3	1601.3	1391.4	1168.7	1066.2	1087.7	*1111.0*	1228.3
47.5°	1597.4	1619.8	1664.8	1724.0	1734.5	1548.9	1310.8	1194.7	1214.3	*1238.4*	1344.0
50°	1601.5	1620.9	1690.6	1774.5	1829.1	1700.2	1463.3	1338.8	1357.1	*1382.9*	1467.9
52.5°	1501.9	1532.4	1654.1	1773.0	1872.6	1826.9	1614.9	1488.7	1509.3	*1540.2*	1596.1
55°	1165.8	1210.5	1547.0	1717.8	1857.2	1908.7	1759.0	1648.1	1674.5	*1706.8*	1725.2
57.5°	1004.1	1023.7	1228.1	1617.2	1786.6	1929.9	1880.7	1809.1	1851.6	*1887.1*	1861.7
60°	902.5	918.8	1039.6	1460.7	1693.9	1896.3	1974.7	1959.2	2032.6	*2074.9*	2001.3
62.5°	793.6	809.1	919.0	1219.6	1575.1	1840.5	2034.1	2097.8	2218.2	*2264.4*	2132.8
65°	685.6	698.8	804.1	1024.8	1424.2	1784.6	2064.8	2217.6	2390.0	*2437.8*	2242.1
67.5°	565.2	576.1	675.7	864.6	1240.7	1708.1	2080.1	2311.8	2539.4	*2580.5*	2296.1
70°	*407.8*	*416.3*	*519.2*	*683.7*	*1010.3*	*1576.5*	*2073.9*	*2378.6*	*2617.0*	*2649.8*	*2255.3*
72.5°	192.8	200.4	321.2	443.9	713.6	1320.4	1948.7	2325.6	2538.2	*2521.9*	2005.4
75°	102.9	109.5	184.5	243.5	376.9	905.2	1594.7	2003.3	2131.4	*2052.2*	1482.1
77.5°	69.7	74.8	114.2	146.2	172.2	429.7	1025.0	1387.0	1334.5	*1203.7*	742.3
80°	55.3	60.6	93.6	99.0	83.3	155.3	423.5	642.1	461.2	*368.9*	211.1
82.5°	42.5	48.5	78.8	71.8	45.4	63.7	123.3	203.1	118.1	*89.9*	51.1
85°	26.0	32.4	61.9	45.8	25.6	29.1	41.9	56.5	36.1	*30.1*	18.4
87.5°	13.2	18.6	31.3	16.7	11.5	6.8	11.1	11.1	9.5	*8.2*	4.7
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°	561.7	561.7	561.7	561.7	561.7	561.7	561.7	561.7	561.7	561.7	561.7
2.5°	563.7	567.8	574.9	581.5	586.6	591.6	596.5	599.2	600.0	603.3	605.2
5°	570.3	578.0	591.6	604.3	612.4	617.3	620.8	622.9	623.3	624.3	626.0
7.5°	582.5	594.7	613.6	626.4	632.4	632.0	630.5	625.4	623.3	621.5	621.9
10°	599.6	615.7	639.0	647.9	644.1	634.2	621.5	606.4	599.4	592.6	590.5
12.5°	620.8	641.3	664.1	663.7	645.4	620.0	590.3	567.2	552.6	542.1	539.6
15°	646.6	670.1	687.6	673.6	633.4	587.8	544.3	514.2	501.0	489.5	488.3
17.5°	673.2	698.4	706.4	670.5	603.3	540.2	490.9	467.2	454.2	448.1	449.9
20°	699.2	724.1	717.5	652.8	557.5	486.2	442.3	429.3	426.6	428.1	427.4
22.5°	726.6	748.9	719.8	618.6	499.2	430.9	406.8	407.2	413.2	417.5	418.6
25°	754.7	769.7	713.8	569.1	436.5	390.3	384.3	390.9	402.7	411.1	413.4
27.5°	781.7	788.3	700.8	507.8	382.7	361.2	362.3	375.9	393.6	405.4	408.3
30°	812.2	804.8	675.9	439.0	345.4	336.3	345.0	360.8	378.6	389.1	391.6
32.5°	846.6	819.0	636.3	375.3	319.0	316.3	330.5	340.8	348.7	351.8	353.4
35°	889.5	839.0	585.6	330.5	295.3	301.7	315.3	310.1	307.0	305.4	307.0
37.5°	945.2	866.0	526.2	301.5	276.1	291.1	296.7	280.6	268.5	262.5	263.9
40°	1012.2	905.6	469.1	279.0	263.9	282.1	272.4	253.0	237.5	229.1	229.7
42.5°	1086.6	947.0	421.0	262.1	257.1	274.6	254.4	231.3	206.4	203.7	206.4
45°	1164.8	989.7	388.3	249.1	253.8	268.3	244.1	206.8	189.1	200.0	205.8
47.5°	1242.9	1028.9	368.5	239.4	252.2	261.0	235.1	193.2	180.6	196.5	203.9
50°	1329.9	1063.9	359.6	232.4	250.3	258.2	221.4	189.7	171.8	182.3	190.1
52.5°	1416.3	1091.2	353.0	225.4	247.6	255.9	214.9	185.6	161.0	161.7	166.0
55°	1502.5	1108.9	345.8	216.1	241.7	250.9	214.2	181.0	153.0	150.1	152.2
57.5°	1594.5	1119.0	336.9	205.8	231.3	238.4	213.6	177.5	150.5	145.8	146.4
60°	1688.1	1133.8	325.4	193.2	217.5	223.3	212.2	176.3	149.1	141.0	141.7
62.5°	1772.0	1139.0	311.6	181.2	199.8	208.5	209.1	175.3	145.2	131.3	131.3
65°	1827.1	1116.7	287.4	167.6	180.6	193.2	203.1	171.8	138.1	124.3	124.3
67.5°	1824.8	1053.2	249.7	150.1	162.1	176.3	194.4	165.8	129.7	115.7	116.3
70°	*1739.8*	*927.9*	*201.9*	*129.7*	*141.7*	*158.1*	*183.3*	*156.9*	*119.6*	*106.2*	*107.4*
72.5°	1492.2	726.2	146.6	105.8	117.9	139.4	168.9	146.2	109.3	97.7	97.1
75°	1066.0	459.6	99.4	81.2	91.8	118.1	150.9	133.6	99.8	98.1	92.6
77.5°	544.5	219.6	65.8	59.4	63.9	93.2	126.8	119.4	101.2	81.0	72.2
80°	177.1	81.0	41.4	40.4	42.5	62.1	98.1	97.9	76.7	55.1	48.7
82.5°	56.5	34.8	27.0	26.0	24.9	39.0	68.5	77.5	51.8	34.8	34.6
85°	22.5	20.8	15.9	14.6	10.5	18.4	35.9	51.5	38.6	25.2	25.8
87.5°	8.2	8.2	4.3	3.1	2.3	6.2	9.7	15.5	22.1	13.0	12.8
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)