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: P1197449

Luminaire Tested: GPC-SB1A-827-U-AFL-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1197449
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-15)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1A-827-U-AFL-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 2700K, 350mA LIGHTSQUARE WITH 26 LEDS AND AUTOMOTIVE FRONTLINE OPTI(
	WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3344 lumens
Efficiency:	N/A
Efficacy:	108.2 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B0 - U0 - G0

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

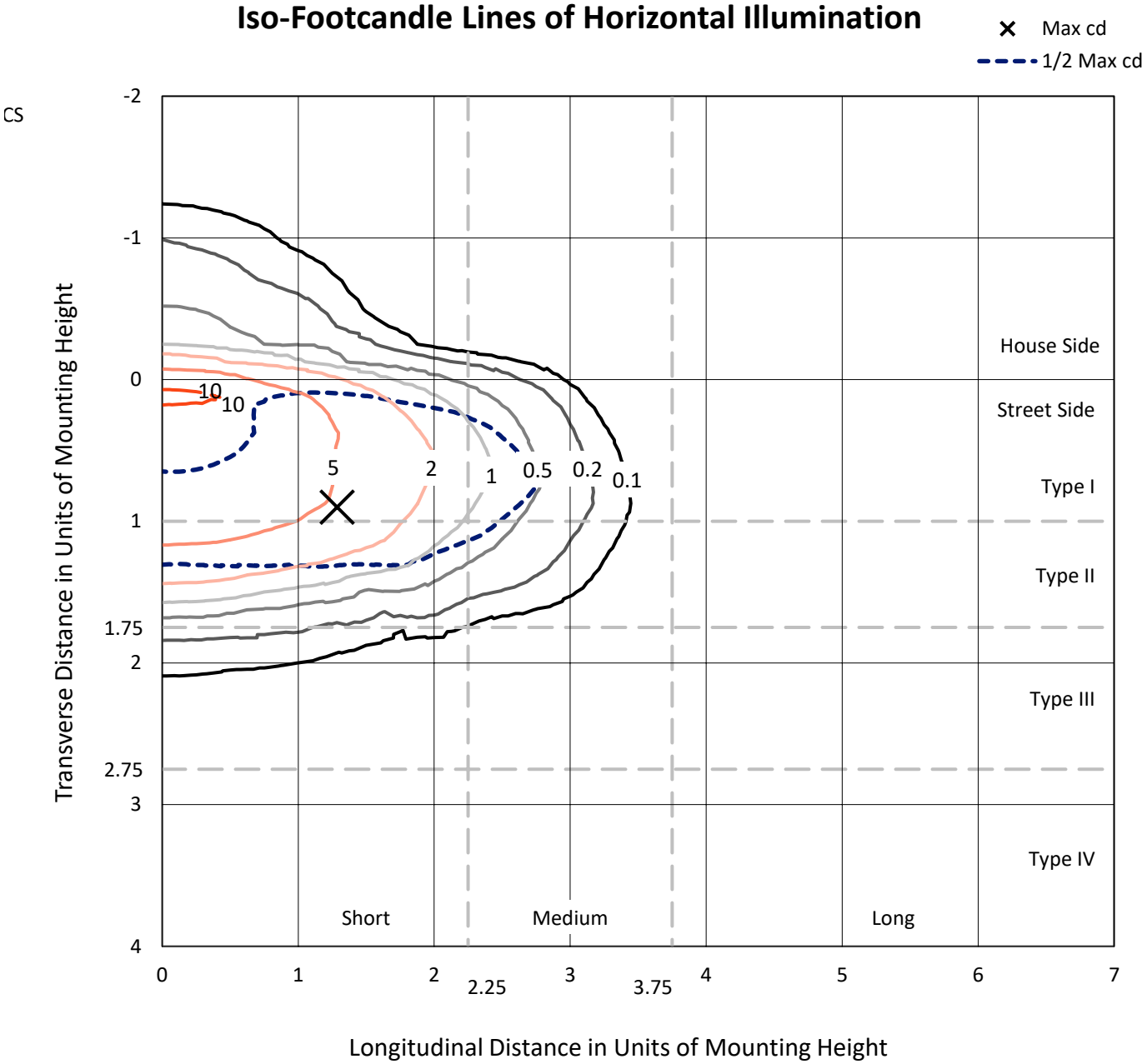


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Iso-Footcandle Lines of Horizontal Illumination



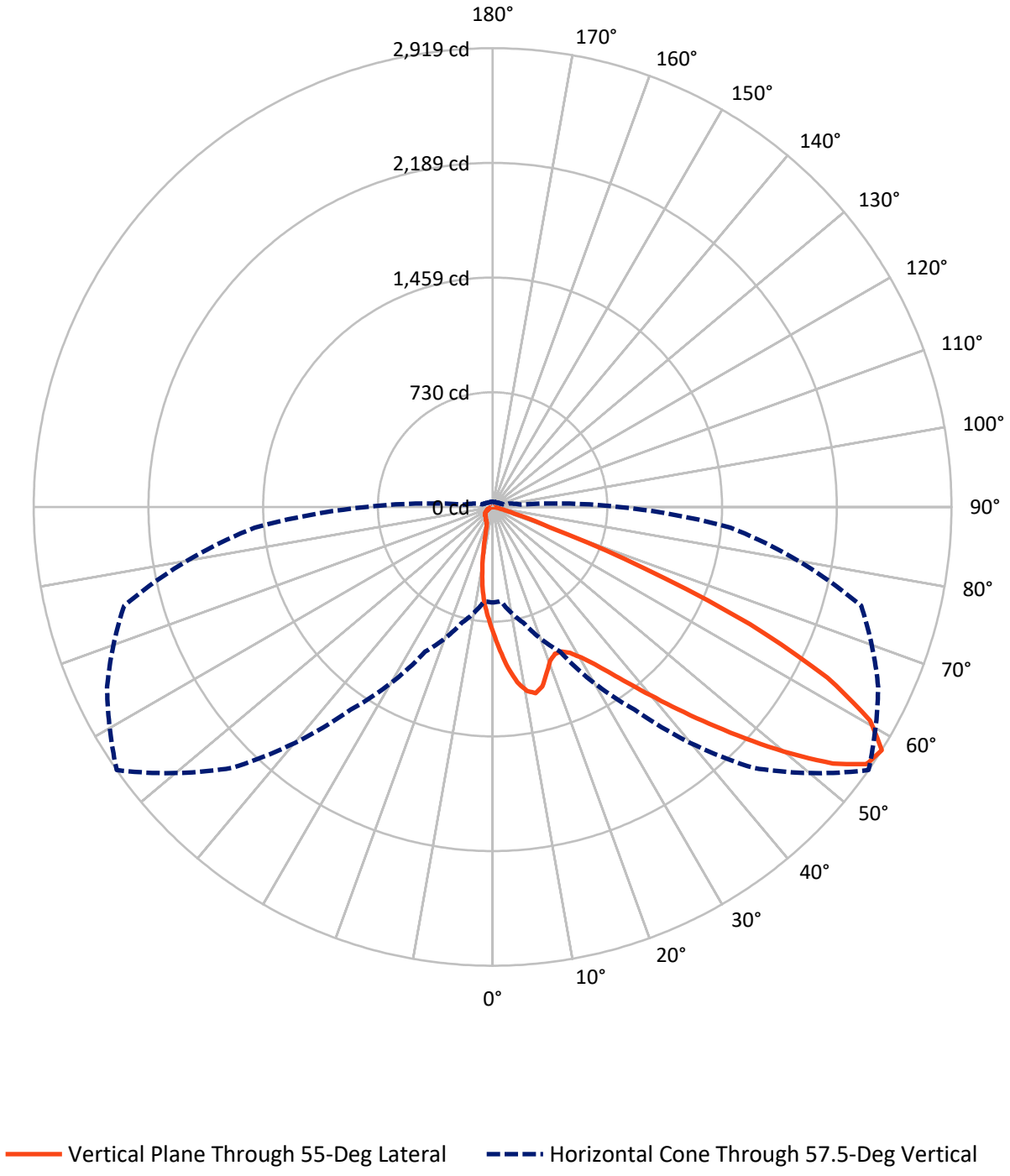
Based on 10 foot mounting height. Maximum calculated value = 11.5 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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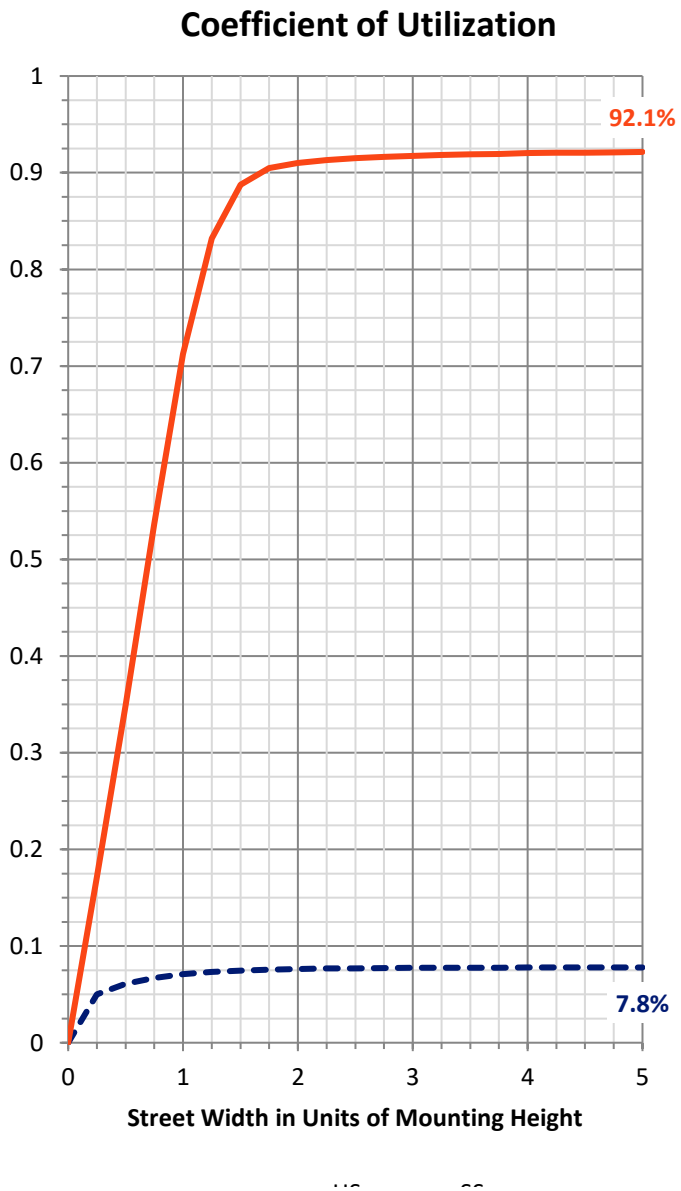
REPORT NUMBER: P1197449
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	261.2	0.0	261.2
	% Fixture	7.8	0.0	7.8
Street Side	Lumens	3082.8	0.0	3082.8
	% Fixture	92.2	0.0	92.2
Total	Lumens	3344.0	0.0	3344.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.0	2.2
10°-20°	181.1	5.4
20°-30°	289.8	8.7
30°-40°	490.5	14.7
40°-50°	805.2	24.1
50°-60°	885.0	26.5
60°-70°	507.6	15.2
70°-80°	103.7	3.1
80°-90°	6.1	0.2
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°	3344.0	100.0
0°-180°	3344.0	100.0



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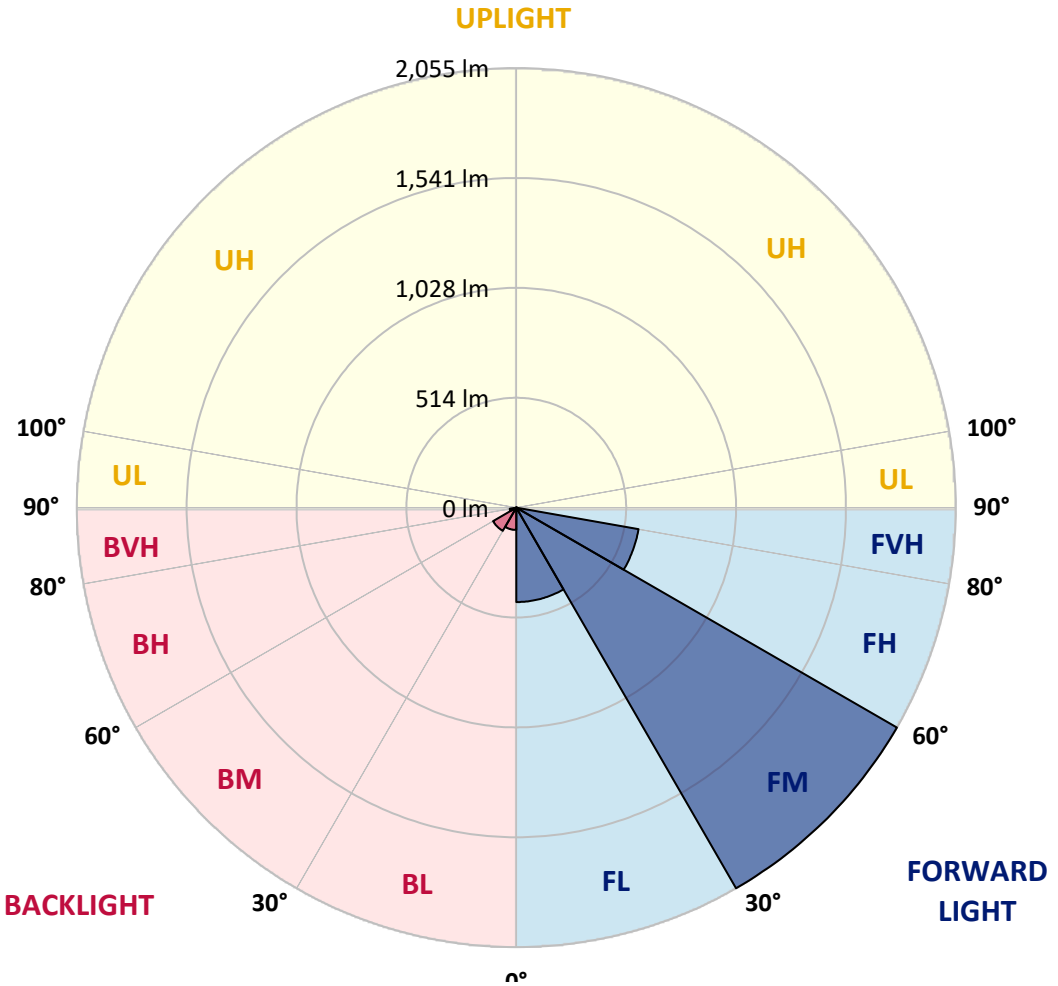
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	441.6	13.2			
FM	(30°-60°)	2055.3	61.5			
FH	(60°-80°)	580.3	17.4			G0/660
FVH	(80°-90°)	5.7	0.2			G0/10
BL	(0°-30°)	104.3	3.1	B0/110		
BM	(30°-60°)	125.4	3.8	B0/220		
BH	(60°-80°)	31.1	0.9	B0/110		G0/110
BVH	(80°-90°)	0.4	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G0
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	805.8	805.8	805.8	805.8	805.8	805.8	*805.8*	805.8	805.8	805.8	805.8
2.5°	999.9	987.3	985.4	982.9	959.0	941.1	*915.1*	886.7	854.7	822.1	807.7
5°	1155.1	1145.2	1143.4	1131.8	1104.6	1074.1	*1027.9*	969.5	910.0	839.8	809.7
7.5°	1185.2	1183.4	1191.8	1191.4	1187.7	1163.6	*1124.6*	1055.1	965.6	861.7	815.1
10°	1051.0	1055.7	1080.9	1103.0	1162.5	1197.2	*1188.7*	1131.4	1022.9	886.7	821.1
12.5°	928.7	923.1	941.1	966.0	1035.3	1138.4	*1215.3*	1195.1	1088.5	914.9	829.9
15°	852.0	849.7	859.8	871.4	924.2	1028.1	*1184.4*	1246.9	1151.6	948.3	843.3
17.5°	827.5	825.6	828.7	831.6	865.8	946.2	*1110.8*	1278.6	1212.0	986.5	858.2
20°	847.5	845.0	844.6	842.3	856.5	911.4	*1044.2*	1280.9	1266.3	1021.1	871.0
22.5°	905.8	902.9	892.8	883.8	885.0	916.1	*1014.5*	1258.2	1307.1	1053.5	879.0
25°	1011.6	1006.9	985.8	955.3	935.9	949.1	*1019.0*	1228.3	1346.1	1078.8	875.1
27.5°	1144.0	1137.8	1110.8	1065.4	1021.1	1005.0	*1051.8*	1207.7	1378.4	1098.2	866.6
30°	1273.7	1265.6	1239.0	1203.8	1139.0	1088.3	*1111.0*	1216.8	1417.0	1118.4	855.5
32.5°	1413.7	1406.1	1370.8	1327.1	1273.5	1205.2	*1192.0*	1261.1	1464.2	1146.7	847.7
35°	1590.8	1578.9	1528.8	1469.2	1412.2	1343.2	*1301.7*	1337.6	1527.1	1189.8	852.0
37.5°	1792.5	1776.4	1722.4	1640.1	1565.9	1488.5	*1435.3*	1442.8	1619.3	1247.5	865.4
40°	1982.6	1968.0	1918.1	1840.5	1747.3	1653.5	*1596.8*	1580.3	1746.5	1317.8	888.9
42.5°	2096.6	2083.4	2062.4	2029.6	1951.0	1855.4	*1783.8*	1748.1	1897.0	1401.9	917.6
45°	2103.0	2091.5	2119.7	2157.9	2142.4	2078.7	*1991.5*	1926.1	2048.2	1480.9	947.3
47.5°	2000.7	1992.9	2078.7	2211.9	2278.3	2305.1	*2224.7*	2089.2	2172.9	1537.6	959.4
50°	1722.0	1719.1	1895.6	2140.1	2330.0	2503.4	*2470.7*	2241.0	2269.6	1566.9	947.9
52.5°	1493.1	1482.6	1585.5	1910.4	2254.8	2607.8	*2711.1*	2389.8	2337.3	1572.5	920.9
55°	1132.4	1123.2	1252.2	1526.1	2012.1	2570.7	*2887.0*	2543.5	2385.7	1558.2	872.4
57.5°	*607.5*	*601.7*	*764.8*	*1015.7*	*1572.9*	*2348.0*	*2918.7*	*2705.9*	*2426.5*	*1520.5*	*804.6*
60°	236.5	235.5	296.5	492.8	955.9	1910.2	*2758.5*	2803.5	2452.1	1474.1	747.9
62.5°	143.1	146.2	156.1	221.3	422.3	1186.7	*2389.2*	2692.5	2469.2	1431.6	701.1
65°	118.4	118.6	119.8	152.0	202.3	496.5	*1798.7*	2327.6	2426.9	1356.0	634.7
67.5°	101.4	103.3	108.0	120.6	142.7	217.7	*1035.5*	1803.0	2169.8	1179.9	531.2
70°	80.0	82.5	88.5	99.2	110.1	136.3	*382.7*	1199.7	1657.6	889.3	401.7
72.5°	67.4	67.2	70.3	80.6	87.4	95.9	*147.2*	672.2	963.4	424.6	198.8
75°	52.2	54.2	58.1	67.4	71.6	69.5	*79.8*	245.6	345.2	128.7	67.6
77.5°	40.8	42.5	46.0	55.1	59.2	49.3	*46.0*	87.8	110.9	46.2	30.5
80°	18.4	19.8	31.3	40.6	48.3	34.0	*24.9*	45.0	49.3	21.0	15.5
82.5°	3.3	5.6	18.4	21.4	24.7	22.1	*13.0*	23.3	24.1	8.5	5.4
85°	0.2	0.4	6.4	7.8	9.9	7.2	*3.9*	9.3	8.0	2.9	2.1
87.5°	0.0	0.0	0.0	0.2	0.2	1.0	*1.2*	1.6	1.2	1.0	0.8
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):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	805.8	805.8	805.8	805.8	805.8	805.8	805.8	805.8	805.8	805.8
2.5°	792.8	763.6	735.1	711.8	698.2	675.1	659.8	657.4	651.0	656.5
5°	777.6	725.2	672.2	624.8	585.8	535.5	498.0	482.1	468.3	473.0
7.5°	770.4	687.7	605.2	524.2	440.9	360.4	300.6	275.7	256.7	259.4
10°	760.7	648.7	519.4	395.7	284.1	204.8	163.5	148.3	139.8	140.0
12.5°	753.2	602.1	419.8	268.3	173.0	130.7	117.9	114.2	111.8	112.0
15°	749.5	547.2	321.5	178.8	123.7	110.7	107.6	106.0	104.3	104.1
17.5°	743.3	486.2	235.3	130.5	108.3	103.7	101.0	99.2	97.1	96.7
20°	734.1	416.9	172.0	110.3	101.4	97.9	94.2	91.8	89.3	88.9
22.5°	717.0	343.7	132.2	102.1	96.5	92.6	88.0	85.2	82.7	82.3
25°	685.2	275.1	111.3	96.9	92.2	87.4	82.5	78.6	76.3	75.9
27.5°	645.0	216.1	101.0	92.2	86.6	82.3	76.7	73.0	70.9	70.5
30°	597.6	166.4	95.1	86.8	80.0	76.3	71.3	68.3	67.0	67.0
32.5°	546.4	133.0	92.6	81.4	74.2	70.1	66.2	65.0	64.5	64.3
35°	498.4	115.5	91.3	77.1	69.1	65.2	63.5	63.7	64.5	64.5
37.5°	455.7	109.9	90.7	74.0	64.5	61.0	62.1	63.9	63.1	63.1
40°	417.1	110.5	90.3	71.8	60.8	58.8	60.8	59.4	57.3	57.1
42.5°	387.7	115.7	89.5	69.9	58.6	57.1	56.3	54.0	53.8	54.2
45°	366.2	120.2	89.3	69.1	56.1	53.4	52.4	50.1	54.2	55.3
47.5°	340.8	120.2	89.3	66.2	52.0	50.9	49.3	46.8	50.9	52.0
50°	308.1	112.6	85.8	62.9	48.7	48.0	45.2	42.1	41.2	41.9
52.5°	266.6	98.8	76.9	58.4	45.4	44.1	40.6	38.4	37.7	37.7
55°	219.4	82.7	65.0	51.8	41.9	39.6	37.1	36.1	35.5	35.1
57.5°	*178.4*	*67.8*	*52.2*	*46.0*	*38.6*	*35.7*	*34.8*	*33.6*	*32.6*	*32.0*
60°	146.4	53.4	43.1	40.8	35.3	32.6	32.4	30.7	28.0	27.6
62.5°	113.0	39.2	36.3	35.5	32.0	29.7	29.3	26.0	21.9	21.0
65°	79.8	30.5	29.3	31.1	28.5	26.4	25.4	20.4	16.1	15.5
67.5°	56.1	25.6	23.1	27.2	24.7	22.1	21.4	17.3	13.4	13.0
70°	40.0	20.8	19.0	23.3	19.8	19.4	18.1	14.4	10.9	10.5
72.5°	28.2	15.9	14.6	20.2	13.6	16.7	14.8	11.1	8.2	7.8
75°	20.8	11.3	10.3	11.8	9.9	12.6	10.5	7.4	5.2	4.9
77.5°	15.3	7.2	6.2	5.8	5.8	7.8	5.8	3.1	2.3	2.1
80°	10.7	3.3	2.9	2.5	2.3	1.9	0.8	0.4	0.2	0.2
82.5°	6.4	1.4	1.4	1.0	0.6	0.0	0.0	0.0	0.0	0.0
85°	1.4	0.6	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	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)