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: P1197472

Luminaire Tested: GPC-SB1A-827-U-T4W-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1197472
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-2)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1A-827-U-T4W-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 2700K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV WIDE OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3021 lumens
Efficiency:	N/A
Efficacy:	97.8 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - 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

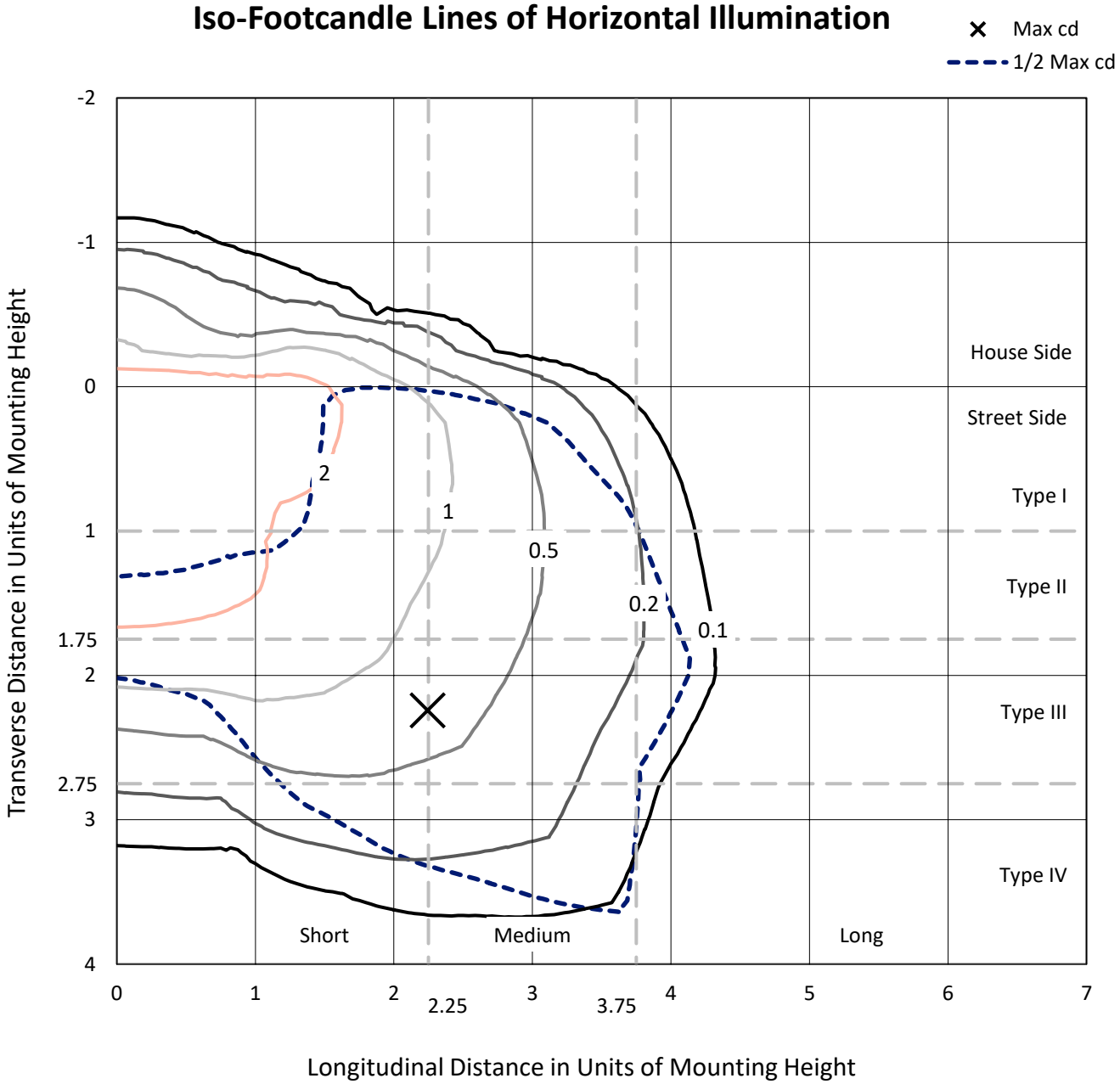


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Iso-Footcandle Lines of Horizontal Illumination



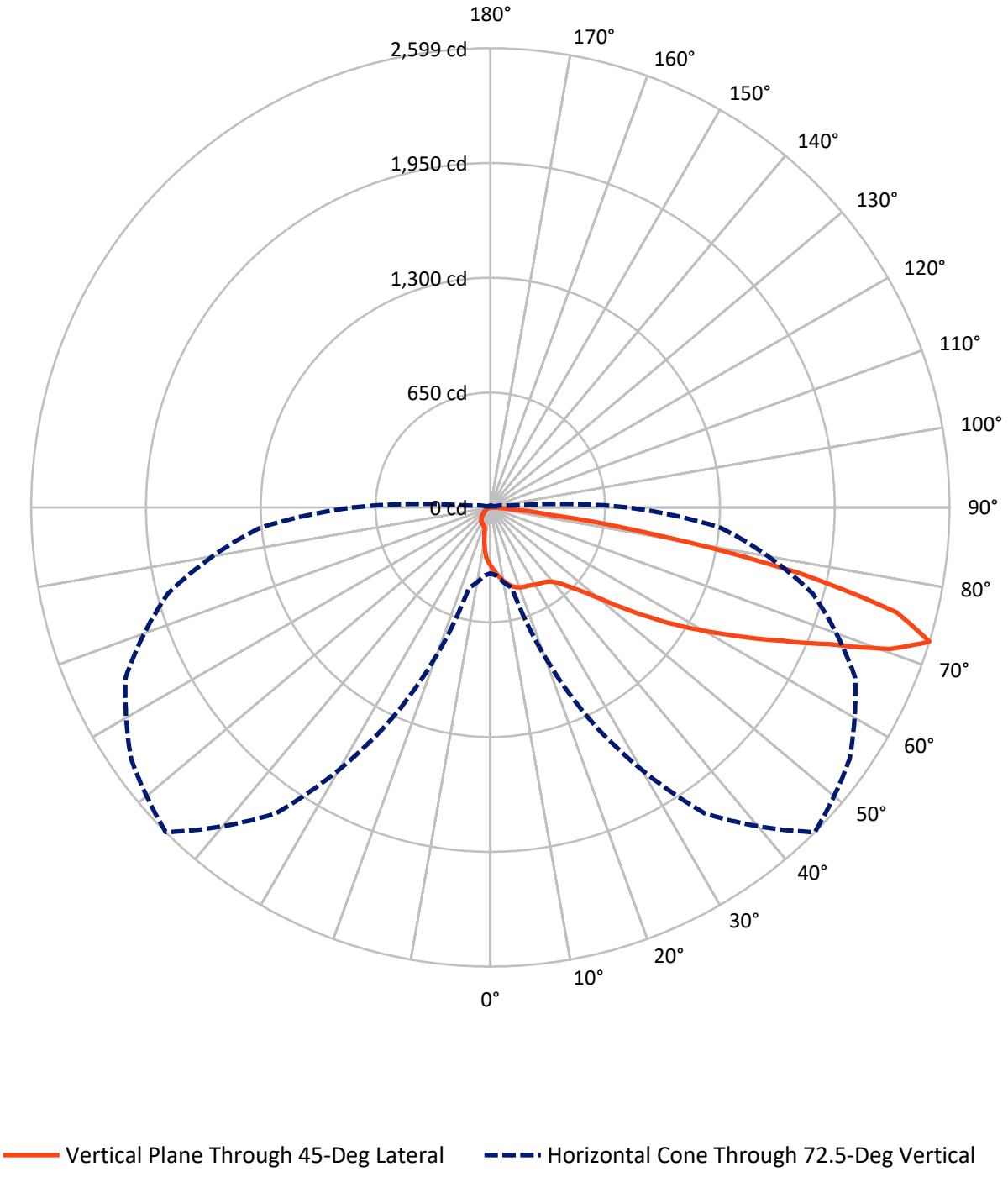
Based on 10 foot mounting height. Maximum calculated value = 4.5 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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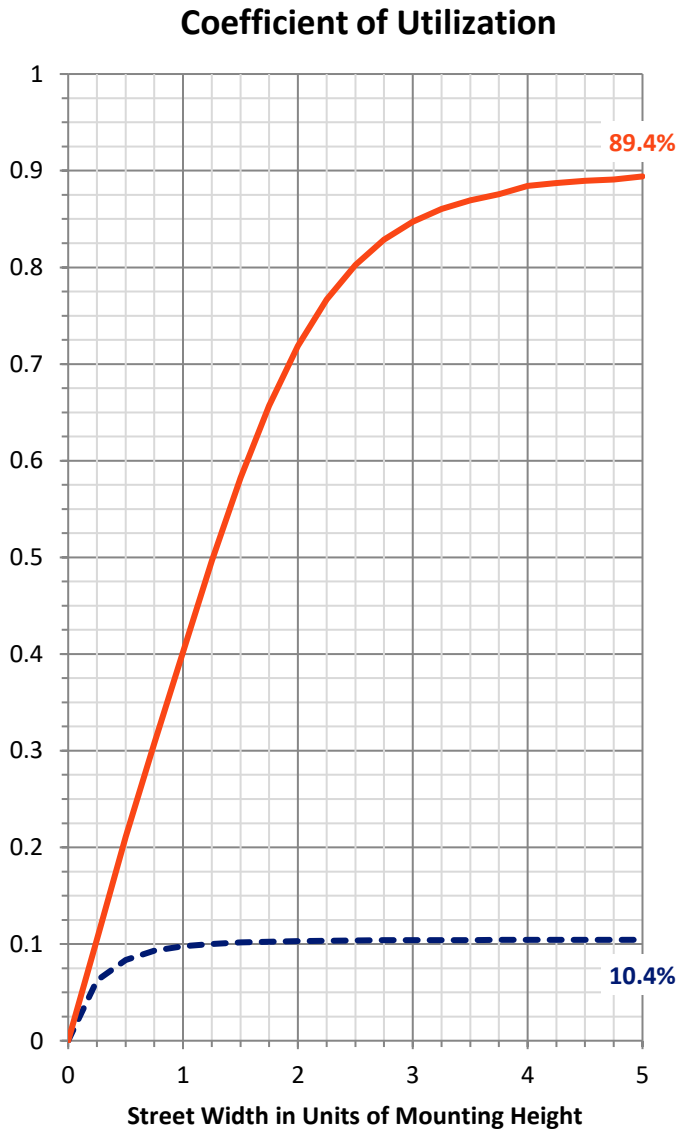
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	317.4	0.0	317.4
	% Fixture	10.5	0.0	10.5
Street Side	Lumens	2703.6	0.0	2703.6
	% Fixture	89.5	0.0	89.5
Total	Lumens	3021.0	0.0	3021.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.2	1.0
10°-20°	91.1	3.0
20°-30°	149.7	5.0
30°-40°	212.3	7.0
40°-50°	350.8	11.6
50°-60°	630.2	20.9
60°-70°	875.1	29.0
70°-80°	634.8	21.0
80°-90°	45.9	1.5
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°	3021.0	100.0
0°-180°	3021.0	100.0



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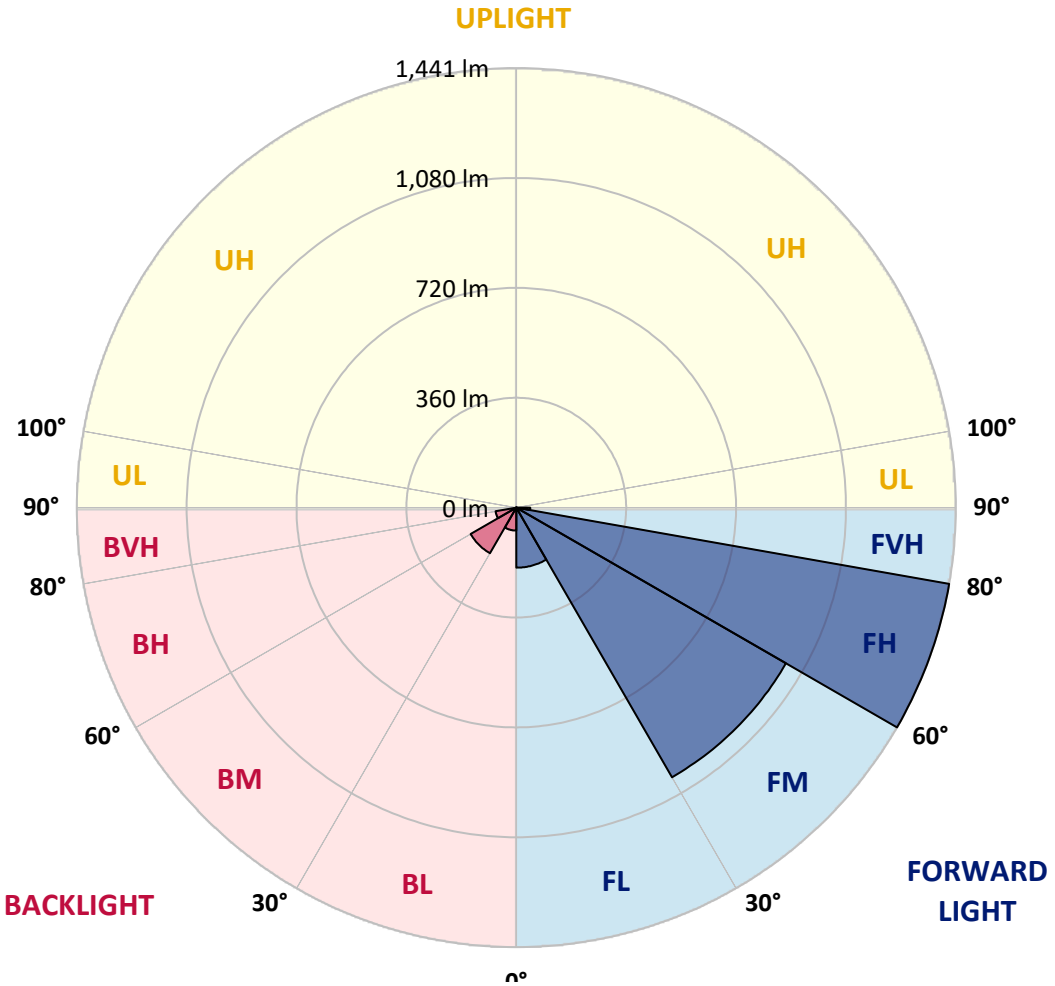
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	196.8	6.5			
FM	(30°-60°)	1020.7	33.8			
FH	(60°-80°)	1440.6	47.7			G1/1800
FVH	(80°-90°)	45.5	1.5			G1/100
BL	(0°-30°)	75.2	2.5	B0/110		
BM	(30°-60°)	172.6	5.7	B0/220		
BH	(60°-80°)	69.2	2.3	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-G1
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°	85°
0°	331.0	331.0	331.0	331.0	331.0	331.0	331.0	331.0	331.0	331.0	331.0
2.5°	361.5	362.1	361.7	359.2	355.1	352.8	351.6	347.5	344.8	340.0	335.1
5°	394.7	397.1	395.7	390.8	382.9	377.4	375.7	367.2	359.6	350.8	340.4
7.5°	429.9	431.2	428.5	422.1	411.6	402.1	400.7	388.9	376.7	363.1	349.1
10°	460.5	461.9	457.8	448.5	436.5	424.8	422.7	409.7	395.3	378.6	360.7
12.5°	486.0	487.5	482.1	471.0	457.8	445.6	443.5	429.9	414.1	395.5	373.2
15°	505.4	508.1	500.9	488.9	474.7	462.5	461.5	448.1	432.6	412.0	388.3
17.5°	516.7	519.4	512.6	498.2	486.0	475.7	474.5	463.3	448.9	429.1	402.9
20°	518.6	521.1	513.9	501.3	491.2	482.9	482.3	474.3	463.8	444.8	418.8
22.5°	513.0	516.1	509.5	499.4	492.4	488.1	487.3	482.7	476.7	460.7	433.6
25°	507.3	509.7	504.8	495.9	492.2	491.8	492.4	491.6	490.4	476.7	451.0
27.5°	506.8	509.5	504.0	495.5	493.4	497.8	498.4	502.3	503.3	491.4	467.7
30°	510.4	512.2	506.8	498.0	497.0	506.8	507.1	514.1	515.7	503.8	484.2
32.5°	518.0	520.0	514.7	501.7	500.3	514.1	514.7	524.0	526.6	517.0	501.5
35°	535.9	538.4	532.2	512.0	506.8	520.9	522.7	533.7	539.0	531.0	519.4
37.5°	580.7	573.5	565.0	532.8	521.9	531.6	534.7	547.5	557.0	547.7	540.9
40°	691.8	669.1	642.7	568.3	548.3	554.5	557.0	569.7	582.7	573.7	570.4
42.5°	858.6	831.8	789.3	650.0	588.1	591.2	593.0	604.2	622.5	615.3	616.1
45°	1007.3	997.6	954.3	789.3	662.5	647.3	649.5	655.3	682.3	679.6	685.0
47.5°	1121.5	1116.0	1082.6	949.4	788.3	715.9	722.3	725.0	764.0	773.5	787.9
50°	1209.4	1207.3	1177.4	1091.6	952.7	817.2	819.5	813.7	872.0	895.5	923.0
52.5°	1292.3	1299.3	1277.2	1223.8	1128.1	949.8	949.4	922.1	1000.9	1036.4	1083.2
55°	1367.1	1369.6	1371.9	1358.7	1304.7	1100.7	1096.8	1052.3	1150.4	1187.1	1237.8
57.5°	1437.4	1438.5	1458.7	1485.7	1488.4	1262.8	1255.6	1202.2	1313.7	1339.9	1371.0
60°	1484.7	1489.4	1532.1	1607.2	1639.9	1430.0	1426.1	1371.7	1479.9	1492.1	1486.3
62.5°	1416.6	1445.5	1553.1	1702.0	1783.0	1615.4	1613.5	1562.4	1654.8	1644.9	1595.4
65°	1146.7	1195.6	1384.9	1766.1	1923.5	1822.4	1825.1	1770.7	1834.4	1802.2	1684.1
67.5°	802.1	853.7	1077.6	1771.3	2080.4	2065.5	2081.0	1995.6	2025.1	1953.0	1705.1
70°	554.7	581.3	727.1	1660.4	2202.7	2400.4	2400.0	2272.0	2214.8	2021.6	1597.9
72.5°	373.0	386.8	472.2	1317.2	2112.8	2599.4	2587.4	2483.1	2278.8	1890.7	1305.5
75°	157.3	167.4	218.6	740.3	1671.5	2378.1	2345.8	2194.4	2024.7	1488.8	814.5
77.5°	49.9	54.2	86.2	265.0	920.7	1787.6	1753.4	1370.4	1357.0	746.9	297.8
80°	23.7	27.6	48.5	106.4	362.3	972.3	967.5	621.7	583.8	201.7	59.8
82.5°	10.3	12.2	26.8	56.9	162.1	346.8	353.8	211.6	175.1	76.5	18.4
85°	3.3	4.3	12.4	26.2	68.5	86.2	85.2	50.3	70.5	41.7	6.4
87.5°	0.0	0.0	4.1	6.0	7.0	4.9	5.6	4.3	19.6	11.5	2.3
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°	331.0	331.0	331.0	331.0	331.0	331.0	331.0	331.0	331.0	331.0	331.0
2.5°	332.6	329.3	323.5	318.2	313.4	308.7	305.8	301.7	301.3	301.3	302.3
5°	334.9	329.5	319.2	308.3	295.7	283.7	271.8	260.2	256.5	253.8	255.1
7.5°	341.5	333.0	316.7	295.9	272.0	245.8	227.4	207.6	200.0	195.9	196.5
10°	351.0	339.4	314.7	278.2	239.4	203.7	177.5	156.1	147.8	144.3	144.3
12.5°	361.5	347.2	311.0	256.1	203.7	161.0	135.5	125.6	124.3	124.3	124.3
15°	374.1	356.7	304.6	230.1	166.4	127.4	118.4	118.8	120.0	120.8	120.8
17.5°	387.0	366.8	294.5	201.0	133.4	114.6	114.9	115.5	116.5	117.3	117.3
20°	401.1	376.9	281.1	170.1	114.4	110.9	111.6	112.2	113.0	113.4	113.6
22.5°	416.1	386.4	265.2	139.8	108.1	107.8	108.1	108.7	109.7	109.7	110.1
25°	432.2	396.9	247.0	117.7	104.8	104.8	105.2	105.6	106.4	106.4	106.6
27.5°	448.7	406.6	227.9	106.2	101.9	101.7	101.7	102.3	102.7	102.9	103.1
30°	466.8	418.0	208.7	103.7	99.6	98.6	97.9	98.4	98.8	99.0	99.4
32.5°	485.4	428.9	191.6	104.8	97.3	95.5	93.4	93.0	93.0	93.8	94.4
35°	506.0	440.9	178.4	108.3	96.1	90.9	87.6	85.8	86.0	87.2	87.8
37.5°	530.8	455.3	168.7	111.4	95.3	85.8	80.4	78.2	76.7	78.2	77.7
40°	563.1	476.5	161.7	113.8	94.2	79.8	72.6	68.9	66.2	67.0	66.6
42.5°	610.8	509.9	159.0	114.0	92.0	72.8	64.5	59.6	55.7	55.9	55.1
45°	677.6	562.7	172.8	111.4	87.0	65.2	56.1	49.5	47.0	46.4	45.6
47.5°	769.1	639.6	204.8	105.8	79.8	57.7	47.8	42.3	40.4	39.4	38.8
50°	891.8	738.4	240.2	99.6	72.6	50.7	41.0	37.5	36.3	35.3	35.1
52.5°	1034.1	838.6	269.3	93.4	65.4	44.5	36.7	34.6	33.6	32.8	32.6
55°	1164.6	907.7	267.7	86.8	58.4	39.6	33.6	32.4	31.1	30.3	29.9
57.5°	1245.9	917.4	220.6	79.6	50.3	35.7	30.7	29.9	28.5	27.4	27.2
60°	1283.2	862.1	154.7	70.1	42.3	32.0	27.6	27.2	25.4	23.9	23.5
62.5°	1290.0	759.4	103.1	58.4	35.3	28.5	24.5	23.9	21.4	19.0	17.7
65°	1262.4	612.6	71.3	45.6	30.1	24.7	21.0	19.8	17.1	14.6	13.8
67.5°	1174.9	430.1	49.7	32.8	25.6	19.6	16.7	16.3	14.2	12.2	11.5
70°	1014.7	245.2	33.2	24.5	20.2	13.4	13.2	13.6	11.5	9.9	9.1
72.5°	*778.0*	*112.2*	*20.6*	*17.9*	*13.8*	*9.1*	*10.5*	*10.7*	*8.9*	*7.4*	*6.6*
75°	458.0	48.0	13.0	11.5	7.0	6.0	7.6	7.8	6.0	4.7	4.1
77.5°	155.9	18.1	8.2	6.8	3.5	3.3	4.9	4.9	3.3	1.9	1.4
80°	35.5	6.8	4.1	2.7	1.6	1.4	1.6	1.4	0.8	0.2	0.0
82.5°	10.1	2.7	1.6	1.0	0.6	0.6	0.2	0.0	0.0	0.0	0.0
85°	2.9	1.2	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.2	0.2	0.0	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	0.0


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(END OF REPORT)