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: P1197456

Luminaire Tested: GPC-SB1A-827-U-SL4-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1197456
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-10)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1A-827-U-SL4-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 2700K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2738 lumens
Efficiency:	N/A
Efficacy:	88.6 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

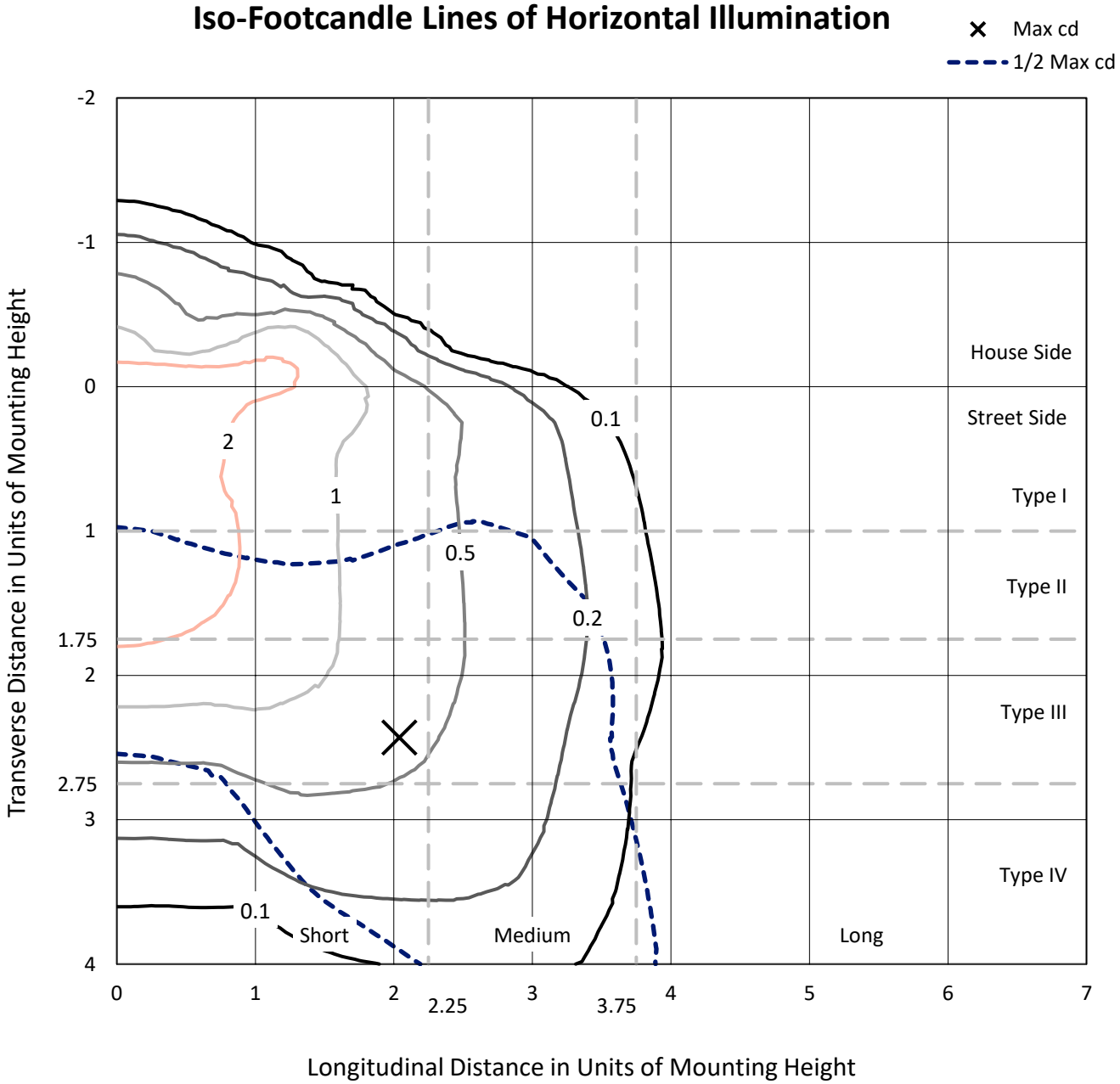


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Iso-Footcandle Lines of Horizontal Illumination



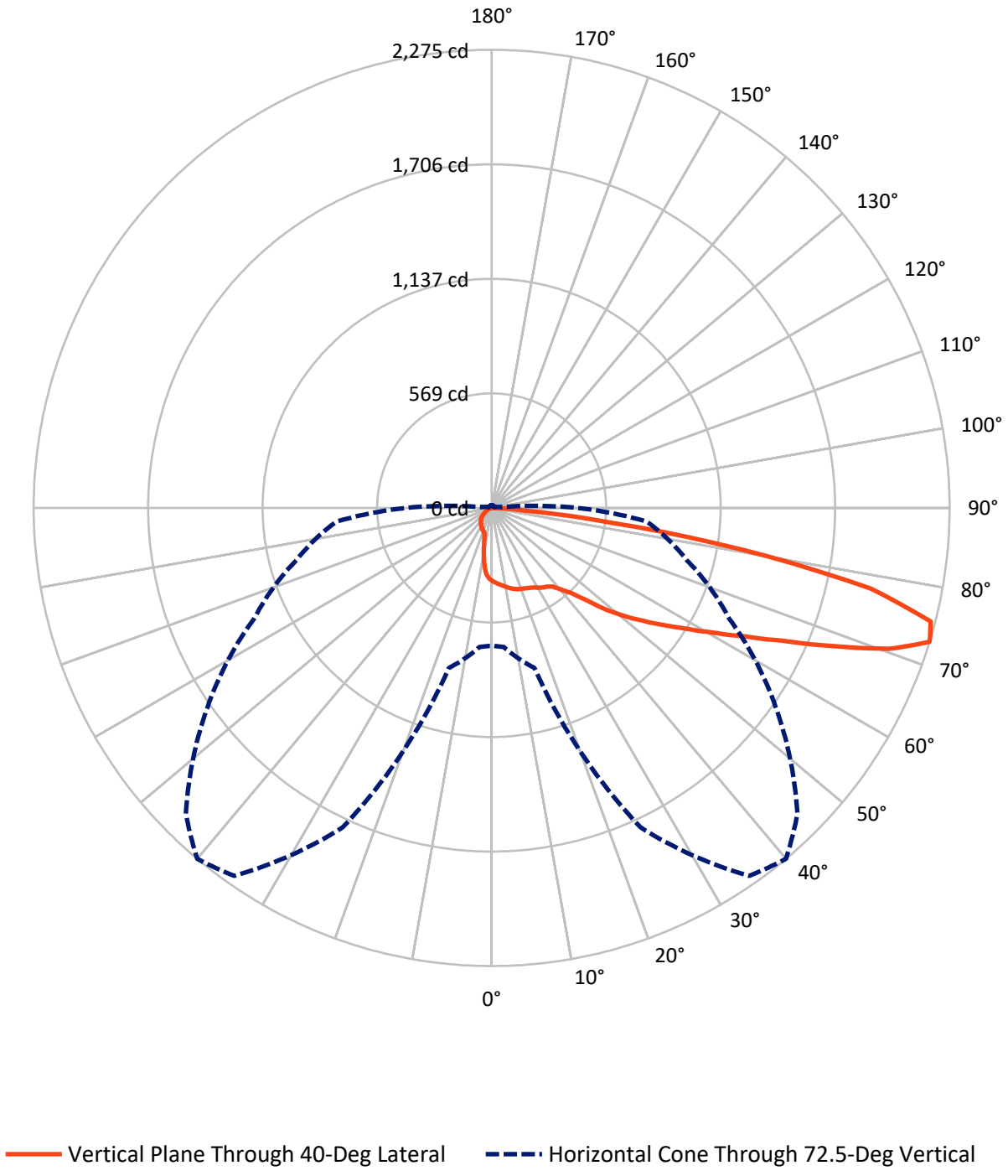
Based on 10 foot mounting height. Maximum calculated value = 4.2 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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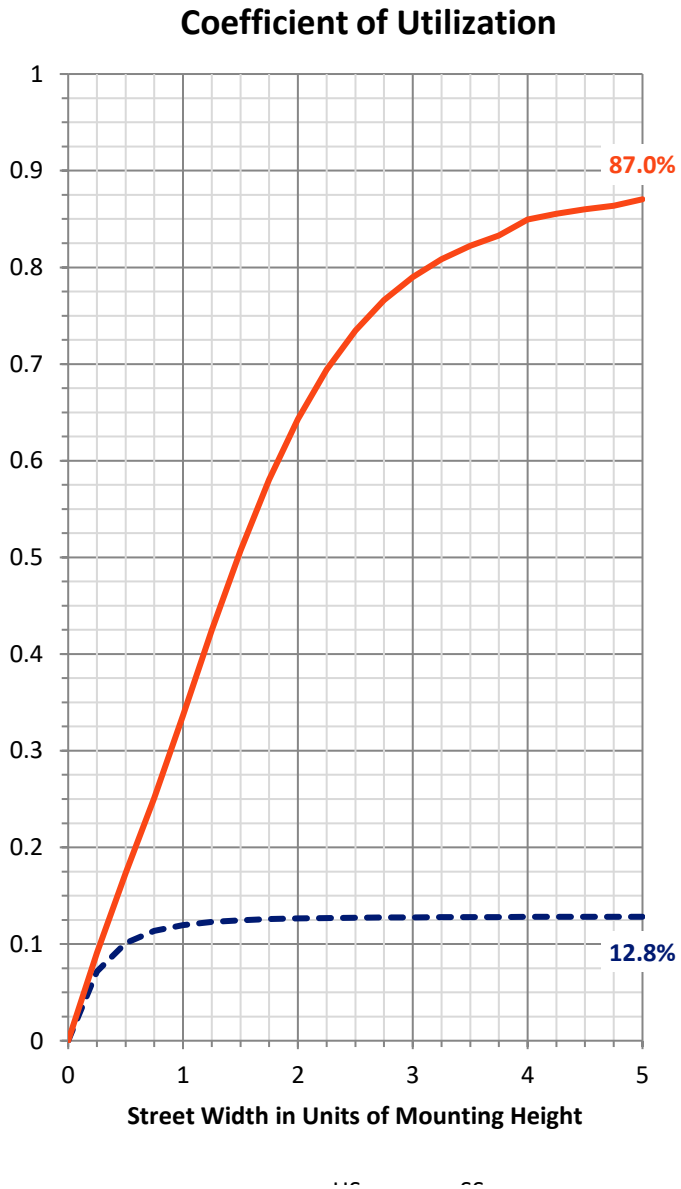
REPORT NUMBER: P1197456
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	353.6	0.0	353.6
	% Fixture	12.9	0.0	12.9
Street Side	Lumens	2384.4	0.0	2384.4
	% Fixture	87.1	0.0	87.1
Total	Lumens	2738.0	0.0	2738.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.1	1.2
10°-20°	89.9	3.3
20°-30°	145.5	5.3
30°-40°	214.8	7.8
40°-50°	361.5	13.2
50°-60°	561.3	20.5
60°-70°	702.4	25.7
70°-80°	575.0	21.0
80°-90°	54.5	2.0
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°	2738.0	100.0
0°-180°	2738.0	100.0



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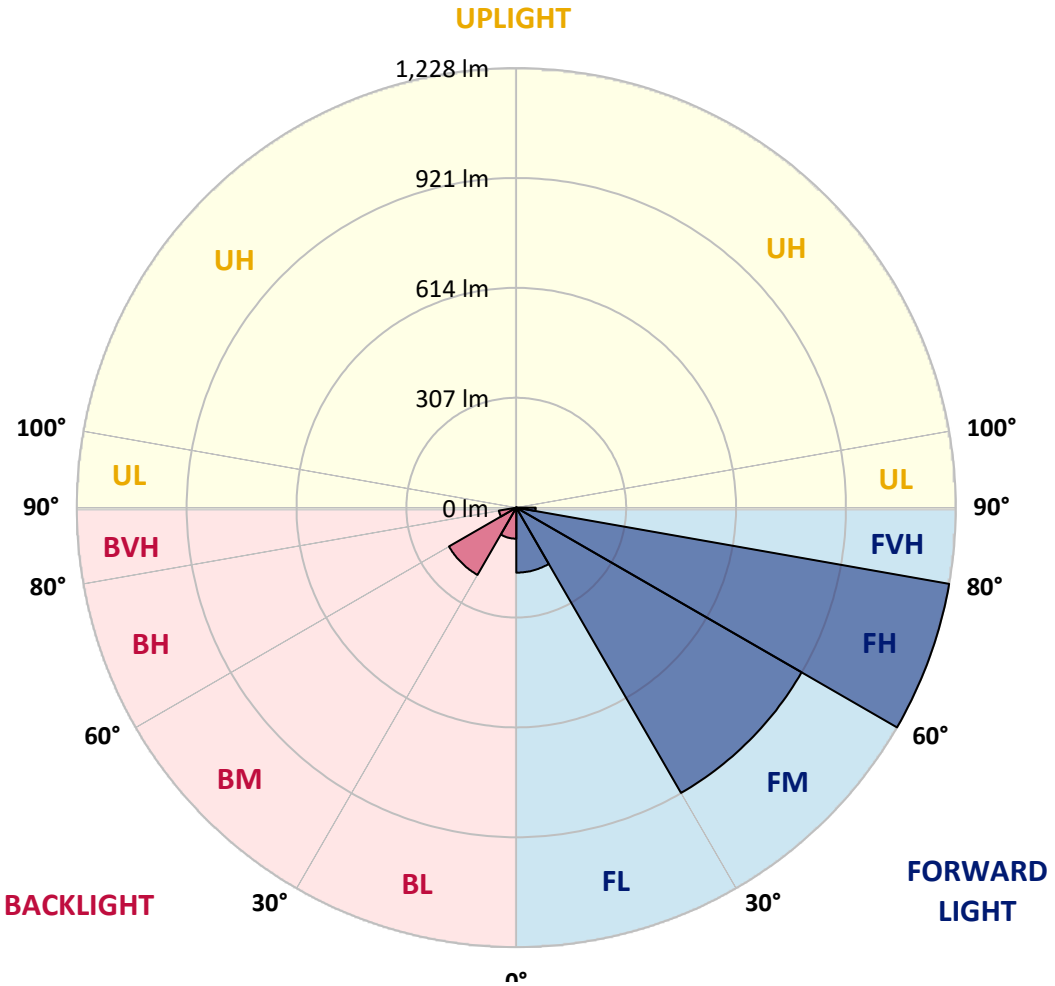
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	181.7	6.6			
FM	(30°-60°)	920.5	33.6			
FH	(60°-80°)	1228.1	44.9			G1/1800
FVH	(80°-90°)	54.1	2.0			G1/100
BL	(0°-30°)	86.8	3.2	B0/110		
BM	(30°-60°)	217.1	7.9	B0/220		
BH	(60°-80°)	49.3	1.8	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°	40°	45°	55°	65°	75°	85°
0°	362.5	362.5	362.5	362.5	362.5	*362.5*	362.5	362.5	362.5	362.5	362.5
2.5°	373.5	374.9	374.1	372.4	372.0	*371.2*	370.2	369.8	368.3	367.1	365.6
5°	384.0	385.4	384.4	382.1	381.1	*380.1*	378.6	377.4	374.5	371.8	368.5
7.5°	395.5	396.8	395.5	392.2	390.6	*389.3*	387.3	385.4	382.1	378.2	374.1
10°	408.3	409.3	407.5	403.2	400.5	*398.6*	396.8	394.7	391.6	387.3	382.3
12.5°	420.3	421.5	418.6	413.5	410.4	*408.5*	406.5	404.8	401.7	397.6	392.4
15°	431.2	433.1	428.1	422.5	419.0	*417.6*	415.5	414.5	412.4	409.6	404.8
17.5°	439.5	440.7	435.5	428.9	425.0	*424.0*	422.5	423.2	422.7	421.3	418.2
20°	446.5	447.3	440.5	432.4	428.1	*428.3*	427.9	430.0	430.8	430.8	430.6
22.5°	455.1	455.3	446.7	436.6	431.4	*432.9*	433.5	435.7	437.4	439.0	442.8
25°	466.5	466.1	455.7	441.9	437.4	*439.5*	440.9	441.7	443.6	446.3	454.7
27.5°	483.4	482.1	468.9	450.6	445.2	*447.1*	449.8	449.4	448.5	450.6	464.8
30°	504.8	503.2	485.6	462.8	457.8	*459.5*	460.3	456.6	450.6	452.4	473.7
32.5°	538.9	536.0	511.6	476.4	468.7	*470.6*	469.6	461.9	453.1	454.9	482.6
35°	598.0	591.0	556.6	504.8	481.1	*479.0*	476.6	469.1	458.2	456.4	490.0
37.5°	723.8	711.5	652.7	560.3	509.2	*495.8*	488.1	480.7	463.8	456.4	498.4
40°	865.7	853.1	785.3	653.1	555.8	*533.1*	514.9	494.3	469.6	459.0	511.6
42.5°	1013.8	1000.0	930.3	768.2	622.4	*575.8*	541.9	505.2	479.0	467.3	529.2
45°	1179.2	1161.8	1070.7	888.2	719.1	*646.7*	585.5	527.7	495.5	481.9	553.1
47.5°	1353.6	1331.1	1210.7	1004.7	823.2	*744.9*	665.1	567.9	519.9	503.8	585.5
50°	1508.3	1486.0	1355.3	1126.6	920.6	*838.3*	755.8	623.6	556.4	534.7	629.0
52.5°	1619.4	1602.5	1486.8	1252.4	1021.8	*925.9*	838.1	688.4	602.6	574.3	680.3
55°	1693.9	1678.4	1580.1	1371.6	1139.6	*1022.4*	919.1	758.7	658.3	621.8	737.0
57.5°	1739.0	1730.2	1647.5	1478.0	1256.3	*1128.0*	1011.9	836.0	723.8	677.6	800.3
60°	1755.1	1747.9	1689.3	1579.4	1397.3	*1254.8*	1121.0	923.2	803.4	741.2	865.3
62.5°	1712.2	1713.7	1719.5	1699.7	1546.0	*1403.3*	1251.8	1028.0	891.7	813.1	926.3
65°	1510.3	1522.3	1632.0	1832.9	1743.0	*1589.3*	1418.2	1155.9	992.7	895.0	974.8
67.5°	1250.5	1267.8	1404.4	1910.8	1952.9	*1830.8*	1650.0	1318.8	1113.2	978.3	993.2
70°	957.3	975.8	1141.2	1894.5	2149.4	*2094.8*	1936.6	1526.0	1237.9	1036.0	946.3
72.5°	*683.2*	*692.7*	*823.0*	*1749.6*	*2230.1*	*2274.6*	*2147.8*	*1722.3*	*1301.7*	*1004.1*	*771.9*
75°	480.1	478.4	564.8	1408.9	2104.5	*2252.7*	2073.7	1616.1	1177.9	797.7	476.0
77.5°	209.1	209.5	282.1	855.6	1679.7	*1924.0*	1723.8	1012.3	821.2	422.7	200.9
80°	54.2	55.9	103.5	340.7	1011.3	*1269.9*	1051.3	445.0	379.4	103.1	38.4
82.5°	19.2	20.4	47.6	107.0	373.1	*582.4*	468.1	142.3	99.0	29.5	10.3
85°	5.6	6.6	25.6	32.8	77.1	*164.6*	113.6	27.6	24.3	15.3	2.7
87.5°	0.0	0.8	5.2	4.5	4.5	*3.1*	5.8	3.1	3.9	1.9	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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	362.5	362.5	362.5	362.5	362.5	362.5	362.5	362.5	362.5	362.5	362.5
2.5°	364.4	362.9	359.9	356.6	353.5	350.6	349.7	346.7	345.2	345.4	345.2
5°	366.2	363.6	357.6	350.4	342.9	334.5	327.5	317.6	309.1	308.1	307.5
7.5°	371.2	366.9	357.2	343.1	324.6	301.3	279.6	258.2	246.0	239.4	239.0
10°	378.8	373.1	358.2	331.4	292.0	250.4	217.6	190.5	176.7	170.3	169.1
12.5°	387.9	381.5	359.9	311.4	249.9	195.3	159.8	143.3	140.4	140.0	139.8
15°	400.7	393.7	361.7	284.4	204.4	148.7	132.4	132.6	134.9	136.1	135.9
17.5°	414.9	407.9	359.0	251.4	159.4	127.0	126.6	128.5	131.8	133.0	132.8
20°	429.3	422.7	349.5	212.6	128.9	121.1	122.7	124.8	128.1	129.7	129.7
22.5°	444.2	438.4	334.5	171.4	116.3	116.7	118.8	120.8	124.6	126.4	126.4
25°	460.1	455.1	314.5	137.3	110.9	112.2	114.9	117.3	121.3	123.5	123.5
27.5°	476.2	472.4	291.8	114.7	106.0	107.4	110.5	113.8	117.8	120.4	120.6
30°	493.7	491.6	273.7	106.2	101.3	102.5	106.0	109.7	114.0	117.3	117.8
32.5°	511.6	511.2	264.8	112.4	96.9	97.7	100.8	104.6	109.9	114.0	114.5
35°	529.4	530.2	259.6	129.9	95.5	93.2	95.3	98.6	105.0	110.1	110.9
37.5°	552.0	554.1	259.4	148.9	99.0	88.7	90.1	92.4	98.0	103.9	105.0
40°	585.9	596.8	272.6	165.2	105.2	84.5	85.0	85.4	88.3	93.2	94.9
42.5°	630.8	662.8	320.3	176.3	107.6	80.8	79.4	77.1	76.7	79.4	80.8
45°	686.7	742.6	404.0	182.5	105.2	76.7	72.8	66.8	64.5	66.4	66.4
47.5°	752.5	830.0	503.2	183.9	101.0	71.6	64.5	56.7	54.9	55.5	55.3
50°	816.6	895.6	590.4	172.0	94.2	65.0	55.5	48.9	47.6	47.8	47.8
52.5°	873.3	918.1	615.2	143.7	85.2	56.9	47.6	43.1	42.3	42.3	42.1
55°	910.9	893.8	548.5	109.9	73.8	48.7	40.8	38.6	38.2	37.9	37.5
57.5°	918.7	814.6	414.3	79.4	57.7	41.0	36.3	35.1	34.2	33.4	33.0
60°	890.7	682.6	263.8	55.5	43.3	35.1	32.2	31.3	29.7	28.0	27.4
62.5°	830.0	515.5	146.0	38.6	34.9	29.9	28.5	27.4	24.3	21.7	20.8
65°	748.6	342.7	64.5	30.1	28.5	25.2	24.3	22.9	19.2	16.1	15.5
67.5°	666.7	197.4	29.1	24.1	22.9	20.6	20.0	19.0	16.3	13.4	13.0
70°	573.3	100.0	20.0	19.2	17.7	15.7	16.3	16.1	13.4	10.9	10.5
72.5°	*426.9*	*49.7*	*15.1*	*14.4*	*12.8*	*11.1*	*13.4*	*13.2*	*10.5*	*8.2*	*7.8*
75°	241.7	24.5	10.9	10.1	7.6	8.2	10.7	10.1	7.2	5.4	4.9
77.5°	95.9	12.6	7.2	6.2	4.5	5.6	7.8	6.8	3.7	2.3	2.1
80°	22.1	6.2	3.7	2.7	2.1	3.3	4.1	2.5	1.0	0.2	0.0
82.5°	6.2	2.7	1.2	1.0	1.0	1.2	1.0	0.4	0.0	0.0	0.0
85°	2.1	1.2	0.4	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0
87.5°	0.8	0.4	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)