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: P1197467

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

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1197467
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-6)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1A-827-U-T3R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 2700K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE III ROADWAY OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3265 lumens
Efficiency:	N/A
Efficacy:	105.7 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
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

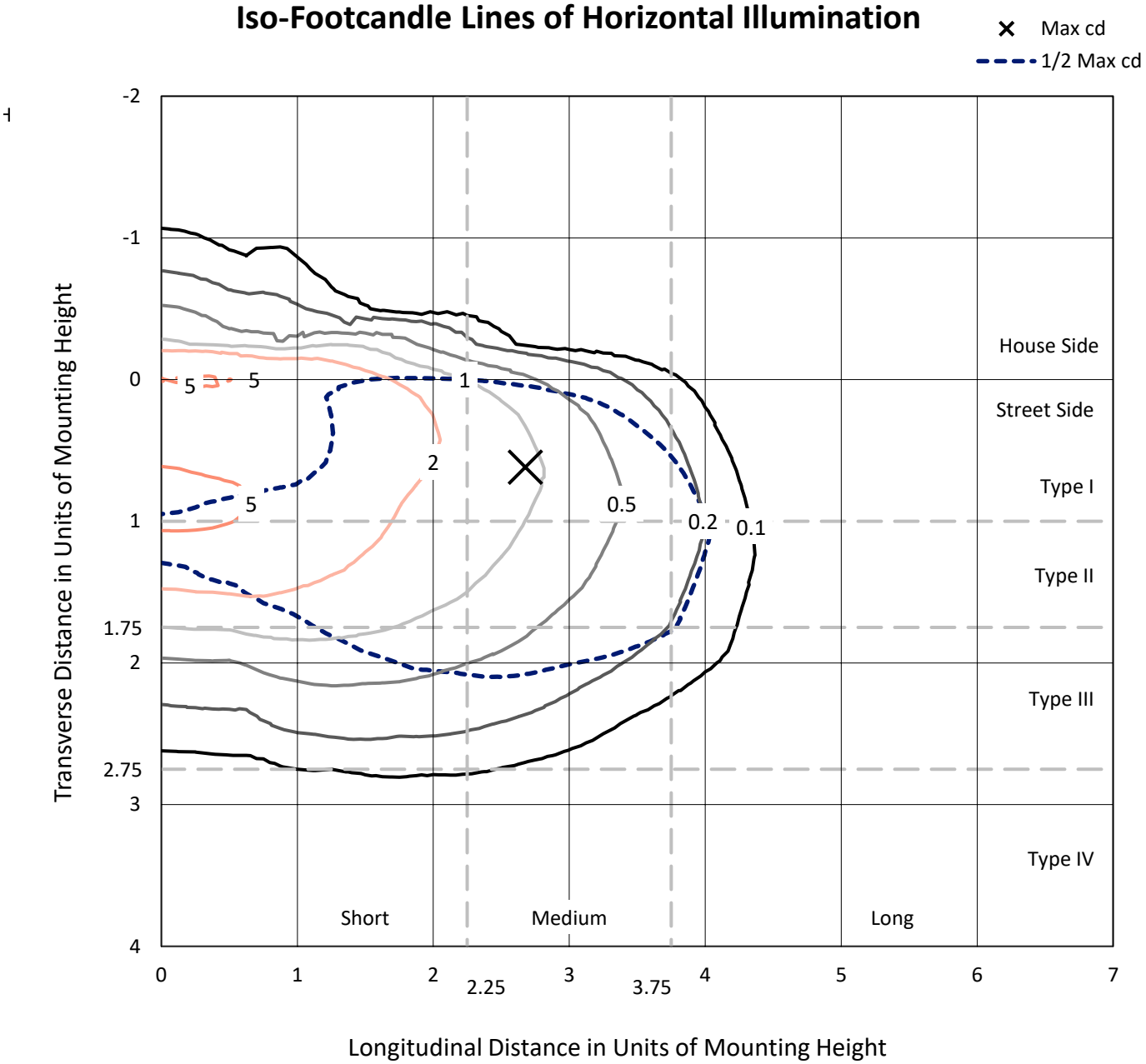


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Iso-Footcandle Lines of Horizontal Illumination



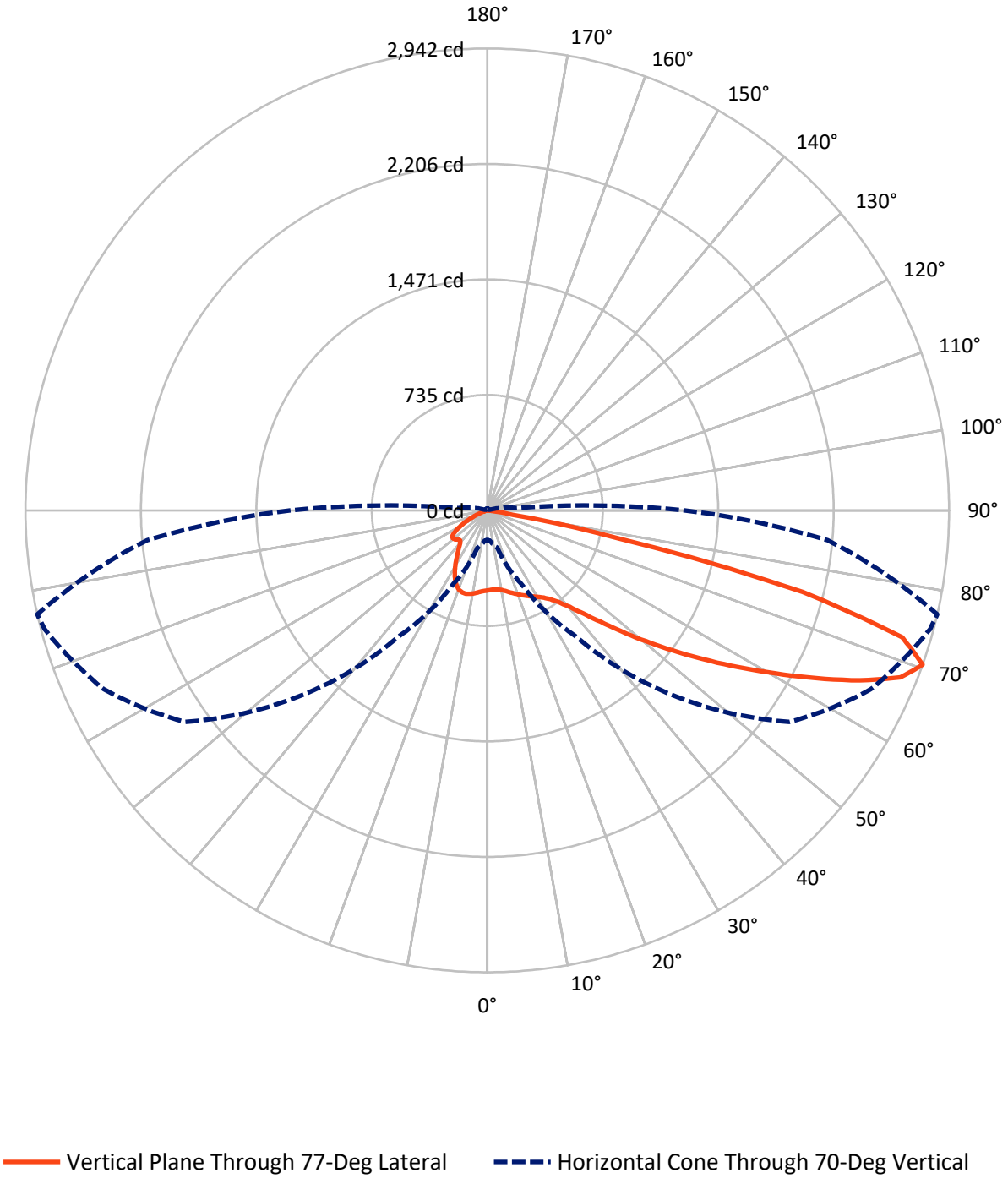
Based on 10 foot mounting height. Maximum calculated value = 6 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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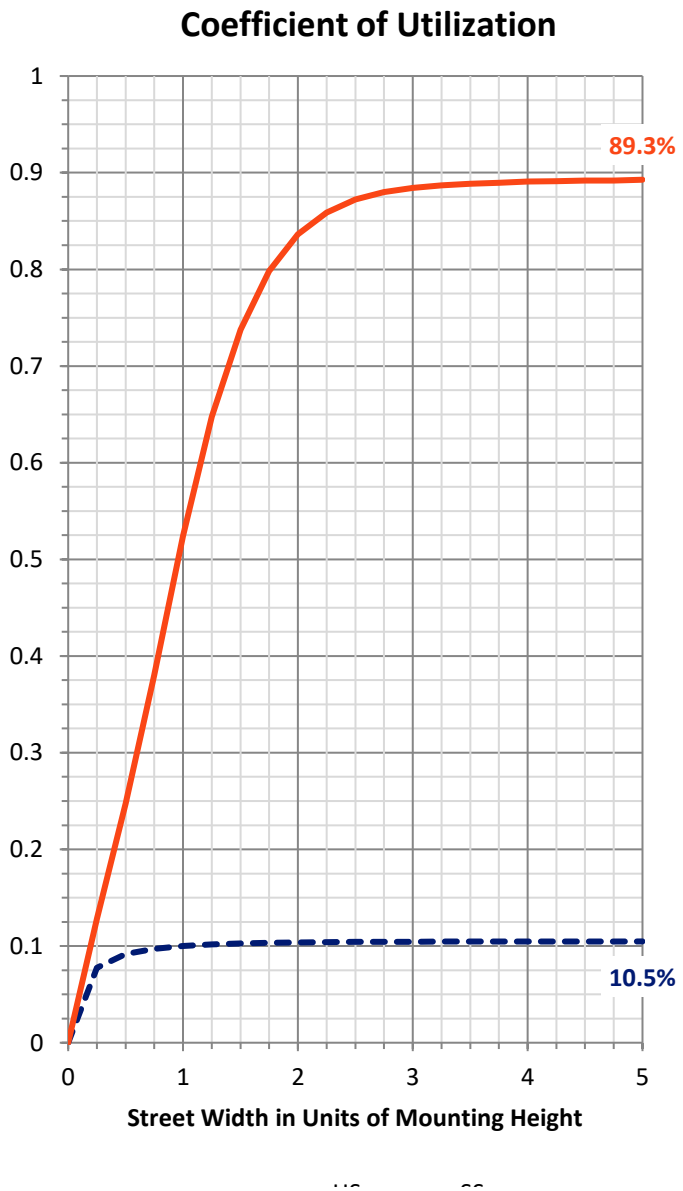
REPORT NUMBER: P1197467
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	344.2	0.0	344.2
	% Fixture	10.5	0.0	10.5
Street Side	Lumens	2920.8	0.0	2920.8
	% Fixture	89.5	0.0	89.5
Total	Lumens	3265.0	0.0	3265.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.9	1.3
10°-20°	104.2	3.2
20°-30°	161.2	4.9
30°-40°	292.4	9.0
40°-50°	552.0	16.9
50°-60°	797.6	24.4
60°-70°	849.0	26.0
70°-80°	449.9	13.8
80°-90°	14.8	0.5
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°	3265.0	100.0
0°-180°	3265.0	100.0



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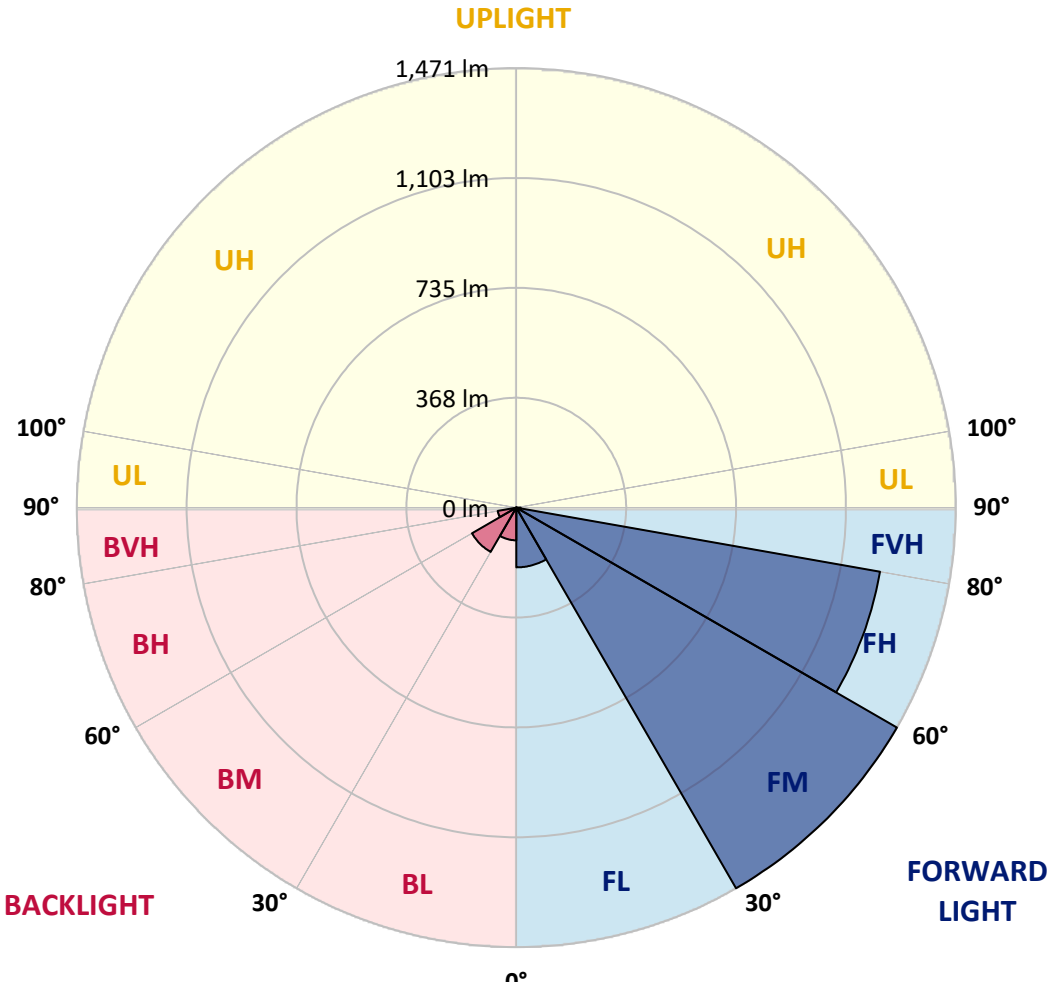
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	199.9	6.1			
FM	(30°-60°)	1470.7	45.0			
FH	(60°-80°)	1235.8	37.9			G1/1800
FVH	(80°-90°)	14.4	0.4			G1/100
BL	(0°-30°)	109.4	3.3	B0/110		
BM	(30°-60°)	171.3	5.2	B0/220		
BH	(60°-80°)	63.1	1.9	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-G1
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	509.3	509.3	509.3	509.3	509.3	509.3	509.3	509.3	509.3	*509.3*	509.3
2.5°	478.1	482.5	481.9	484.7	485.8	489.9	494.0	499.6	505.8	*505.6*	509.7
5°	451.1	455.5	456.5	460.4	465.4	471.8	480.2	491.3	502.9	*504.7*	513.0
7.5°	419.2	423.7	426.4	434.2	443.3	456.5	470.3	486.6	505.8	*508.5*	524.3
10°	387.2	391.3	394.8	406.0	420.4	440.0	462.5	486.0	511.8	*515.7*	538.1
12.5°	367.4	371.3	375.3	385.0	402.9	426.8	457.3	488.9	521.7	*527.2*	556.9
15°	360.4	363.9	367.0	375.7	392.4	419.6	456.3	494.8	534.2	*541.7*	579.6
17.5°	361.4	363.3	365.4	372.0	388.2	416.3	458.1	505.2	549.1	*555.7*	602.3
20°	367.4	368.5	368.7	373.2	387.6	415.9	461.9	515.1	563.1	*572.0*	624.7
22.5°	375.1	375.5	375.1	378.1	391.5	419.0	466.8	527.0	578.8	*587.0*	647.4
25°	410.7	402.9	393.0	387.0	398.1	425.0	474.2	543.1	595.9	*603.9*	669.5
27.5°	521.4	499.0	463.5	423.7	411.8	433.6	484.5	559.4	613.2	*620.4*	693.2
30°	701.2	671.8	611.5	521.9	455.5	451.8	497.9	575.7	631.5	*639.4*	718.6
32.5°	881.4	874.2	804.7	680.6	553.8	492.2	520.2	597.7	655.9	*662.1*	752.8
35°	1063.7	1049.1	992.2	869.5	705.4	574.4	557.3	626.6	687.8	*694.8*	802.7
37.5°	1203.3	1194.4	1159.2	1058.1	885.2	701.4	620.8	671.3	734.2	*742.1*	866.6
40°	1326.6	1322.5	1310.5	1243.9	1086.2	867.6	719.6	740.6	798.6	*807.8*	945.0
42.5°	1423.5	1433.2	1440.0	1421.5	1293.4	1057.3	852.4	837.9	888.3	*897.7*	1044.7
45°	1522.7	1526.0	1553.4	1580.2	1499.2	1255.7	1002.1	952.0	999.8	*1011.6*	1164.3
47.5°	1586.4	1599.6	1647.8	1695.1	1672.2	1452.4	1162.9	1086.6	1129.1	*1151.1*	1298.4
50°	1591.1	1616.1	1682.5	1764.8	1798.2	1639.6	1337.7	1240.0	1285.2	*1309.5*	1441.5
52.5°	1512.2	1550.9	1653.8	1774.2	1866.2	1798.2	1518.6	1393.4	1451.3	*1483.1*	1589.9
55°	1159.4	1210.1	1546.0	1722.7	1868.9	1918.4	1694.6	1553.2	1636.5	*1672.4*	1750.3
57.5°	1010.1	1035.7	1215.5	1633.2	1819.2	1966.8	1853.8	1705.4	1837.9	*1882.5*	1901.9
60°	840.4	874.0	1019.4	1486.8	1751.8	1971.6	1994.4	1901.7	2056.3	*2106.4*	2040.8
62.5°	571.1	607.6	752.2	1235.3	1659.6	1969.3	2109.7	2103.7	2299.0	*2352.8*	2158.6
65°	353.8	376.7	472.0	1008.7	1530.7	1971.8	2230.3	2349.1	2555.1	*2609.7*	2249.7
67.5°	279.6	290.1	339.8	774.4	1308.7	1916.1	2350.7	2579.8	2796.1	*2839.4*	2277.5
70°	*187.8*	*194.2*	*247.2*	*519.2*	*973.6*	*1659.2*	*2348.5*	*2695.7*	*2920.2*	*2941.9*	*2176.1*
72.5°	99.0	103.9	144.5	240.4	588.0	1179.4	1979.6	2557.1	2796.7	*2764.1*	1860.0
75°	49.5	57.7	97.3	122.1	251.1	657.7	1229.3	2016.1	2201.2	*2075.1*	1193.4
77.5°	37.5	45.4	80.4	80.4	87.4	221.4	520.6	1099.6	1014.2	*844.5*	350.3
80°	23.9	30.9	70.3	60.8	36.5	56.3	135.7	308.0	215.5	*163.9*	63.7
82.5°	14.0	20.2	58.6	40.2	20.4	20.8	38.4	65.6	55.9	*43.5*	19.6
85°	5.6	13.2	40.2	15.9	8.0	5.2	11.5	14.0	11.5	*8.7*	4.9
87.5°	0.0	3.1	7.0	0.0	0.6	0.4	0.8	1.0	1.0	*0.8*	1.6
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°	509.3	509.3	509.3	509.3	509.3	509.3	509.3	509.3	509.3	509.3	509.3
2.5°	511.5	512.0	513.2	513.4	510.5	506.8	505.4	504.7	502.3	502.1	502.5
5°	517.7	519.6	517.7	512.4	499.6	481.7	468.0	456.9	446.8	443.7	441.9
7.5°	530.1	532.0	526.4	505.4	473.2	437.5	405.4	382.7	362.3	354.6	351.5
10°	547.8	550.3	532.8	490.3	433.4	376.1	321.7	283.3	253.4	241.2	236.1
12.5°	570.1	571.1	536.3	467.4	381.7	299.8	222.7	181.7	155.1	145.2	142.1
15°	594.6	593.2	536.7	436.3	311.1	212.0	145.4	119.4	108.7	105.4	105.4
17.5°	620.4	614.4	528.5	391.3	233.8	144.9	107.8	101.7	99.8	99.0	98.8
20°	645.8	632.4	513.4	332.6	167.8	108.2	97.9	96.1	95.1	94.6	94.2
22.5°	668.9	646.0	487.6	264.3	121.9	95.7	92.6	90.9	89.1	88.2	88.0
25°	691.3	653.8	451.3	200.6	97.5	89.5	87.0	83.9	81.4	80.4	80.0
27.5°	713.2	658.8	406.0	148.5	87.0	83.7	79.2	74.8	73.0	72.6	72.2
30°	736.5	660.4	354.4	110.7	80.6	76.5	69.9	64.9	63.9	64.1	64.1
32.5°	765.0	662.9	302.5	90.7	75.3	67.8	60.0	54.8	54.0	54.8	54.6
35°	799.0	667.8	252.4	83.5	70.5	59.0	50.5	46.2	45.4	46.0	45.8
37.5°	845.2	675.9	205.6	82.1	66.6	51.5	42.5	39.0	39.0	39.2	39.0
40°	906.6	697.3	163.7	81.0	64.5	46.0	35.9	34.4	35.1	35.5	35.5
42.5°	981.4	742.9	135.5	79.8	62.3	43.5	32.6	32.0	33.0	33.4	33.4
45°	1065.4	800.6	125.6	77.7	60.2	45.2	31.1	30.3	31.5	31.8	32.0
47.5°	1152.2	857.1	124.3	75.5	58.1	47.6	30.7	28.9	30.3	30.5	30.7
50°	1240.0	894.0	125.6	72.0	54.8	47.6	30.9	27.4	28.7	29.3	29.5
52.5°	1328.5	910.9	124.7	64.3	49.1	44.7	30.9	26.2	27.4	27.8	27.8
55°	1414.2	907.6	112.2	53.0	41.6	39.6	30.1	25.2	26.0	26.2	26.2
57.5°	1482.1	861.7	88.9	41.2	33.8	33.0	27.4	23.9	24.5	24.3	24.3
60°	1517.5	760.6	63.5	31.8	26.6	26.0	24.1	22.3	22.7	21.6	21.4
62.5°	1517.9	627.0	42.5	25.2	21.2	20.6	20.6	20.0	19.6	17.5	16.9
65°	1485.6	478.8	28.2	20.0	17.1	16.1	17.3	17.1	15.7	12.8	12.4
67.5°	1412.2	313.8	21.4	15.7	13.2	12.6	13.8	14.4	13.4	10.7	10.5
70°	*1261.2*	*182.7*	*17.7*	*12.2*	*9.9*	*9.3*	*11.1*	*12.4*	*11.1*	*8.7*	*8.2*
72.5°	1047.6	98.6	14.4	9.1	6.8	6.2	8.9	10.1	8.9	6.4	6.2
75°	679.8	52.8	11.1	6.0	3.5	3.9	6.6	7.4	6.2	4.1	3.7
77.5°	228.2	23.3	7.0	2.9	1.6	1.6	3.9	4.5	2.9	1.4	1.2
80°	50.9	9.7	2.9	1.2	0.6	0.6	0.8	0.8	0.4	0.0	0.0
82.5°	16.7	3.9	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.4	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.5	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)