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: P1201890

Luminaire Tested: GWC-SB1C-735-U-T4FT-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201890
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-25)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1C-735-U-T4FT-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV FORWARD THROW OPT WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5700 lumens
Efficiency:	N/A
Efficacy:	104.8 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	54.4
Input Voltage (V):	120.0
Input Current (Ain):	0.437
Voltage Rise (V):	NR
Power Factor:	0.993
Total Harmonic Distortion (THDi):	9.314
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

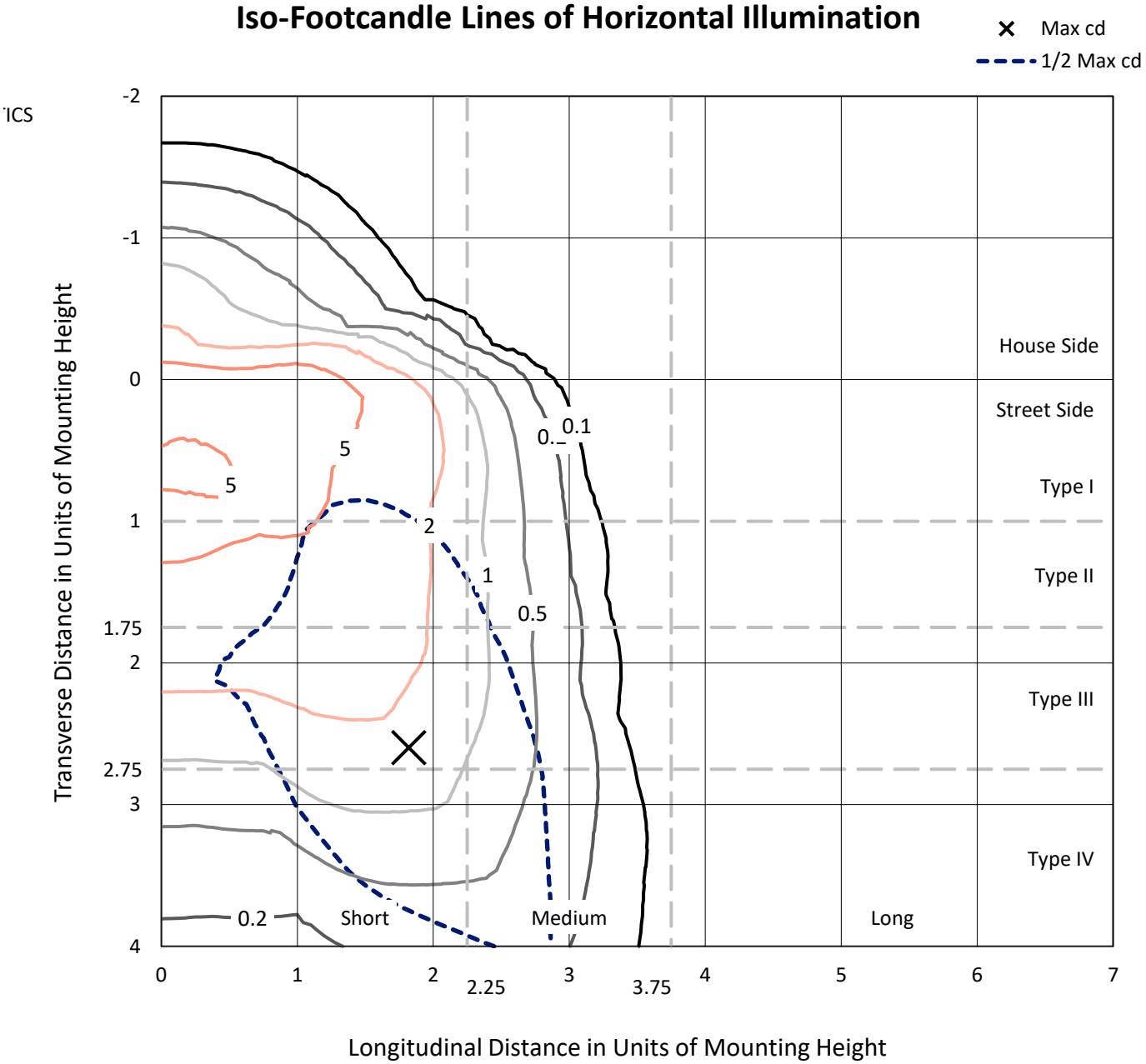


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Iso-Footcandle Lines of Horizontal Illumination



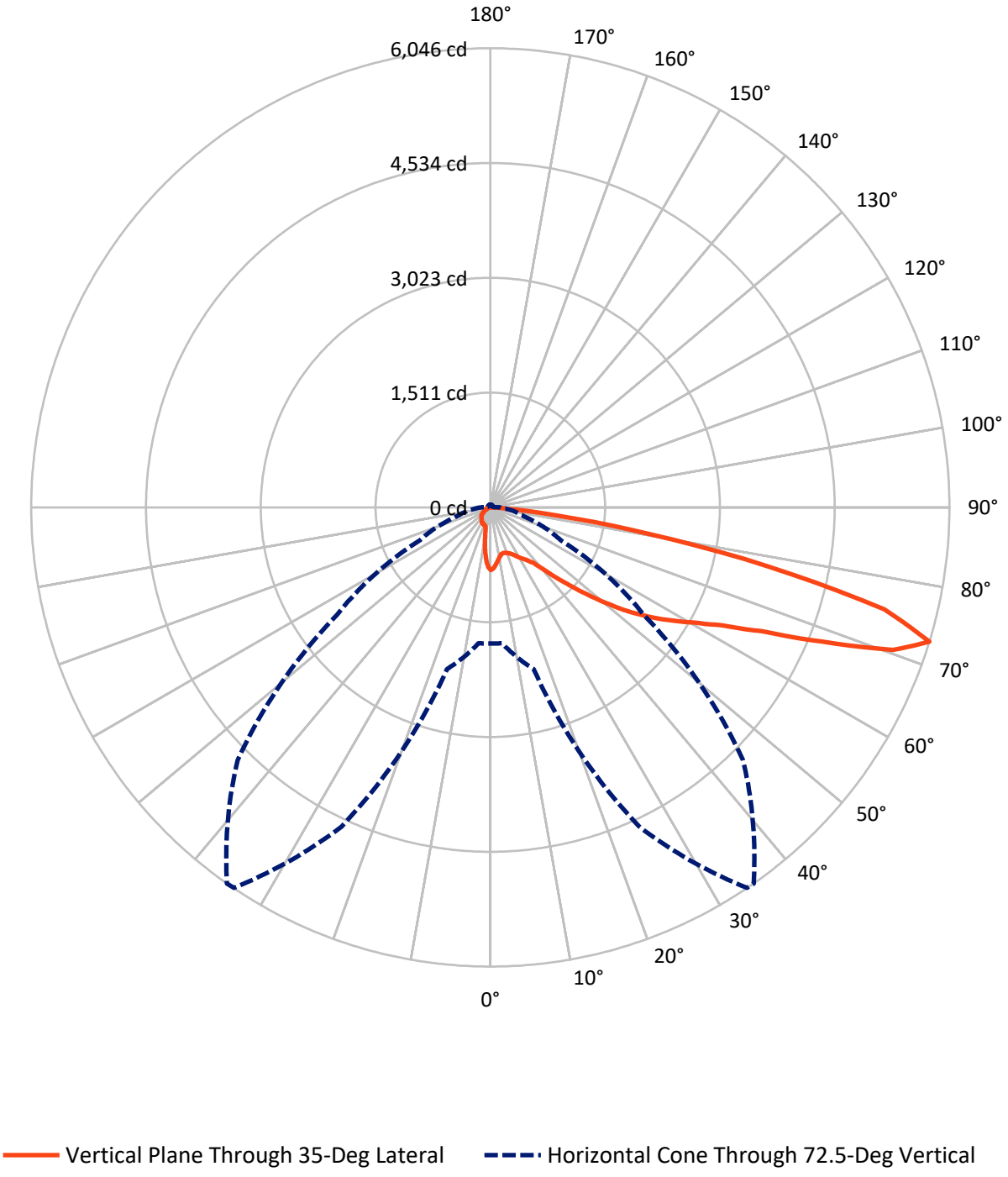
Based on 10 foot mounting height. Maximum calculated value = 8.3 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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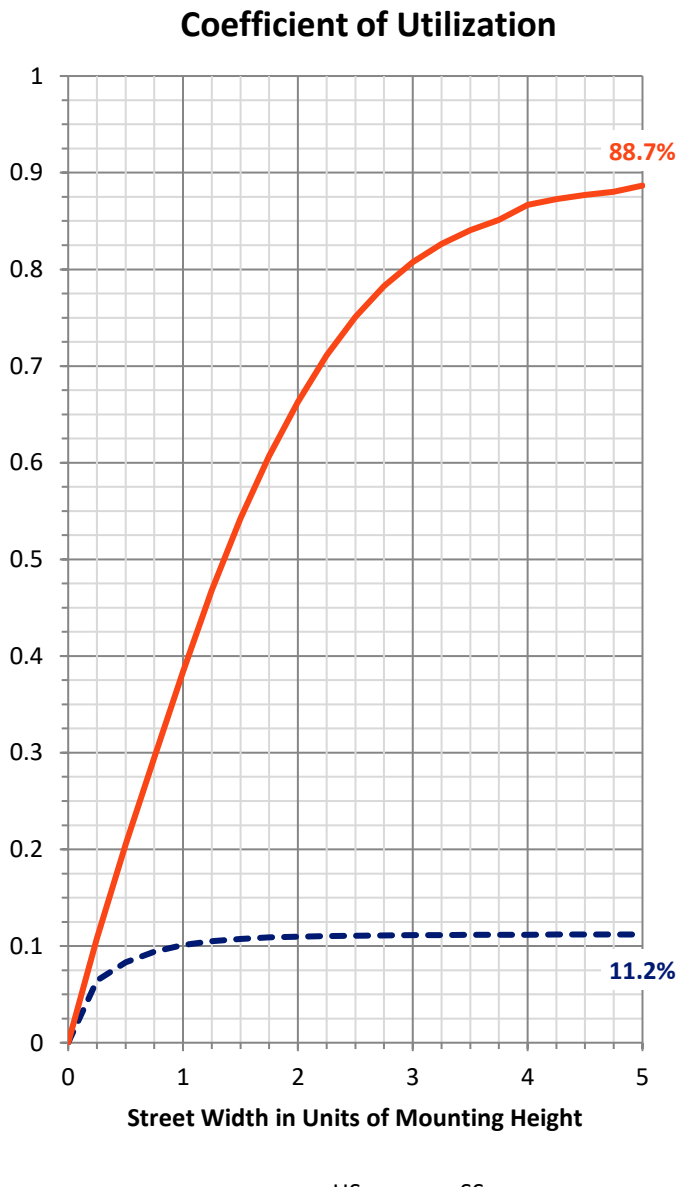
REPORT NUMBER: P1201890
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	641.5	0.0	641.5
	% Fixture	11.3	0.0	11.3
Street Side	Lumens	5058.5	0.0	5058.5
	% Fixture	88.7	0.0	88.7
Total	Lumens	5700.0	0.0	5700.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.9	1.2
10°-20°	158.8	2.8
20°-30°	258.0	4.5
30°-40°	430.4	7.6
40°-50°	814.4	14.3
50°-60°	1294.1	22.7
60°-70°	1600.9	28.1
70°-80°	995.1	17.5
80°-90°	80.4	1.4
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°	5700.0	100.0
0°-180°	5700.0	100.0



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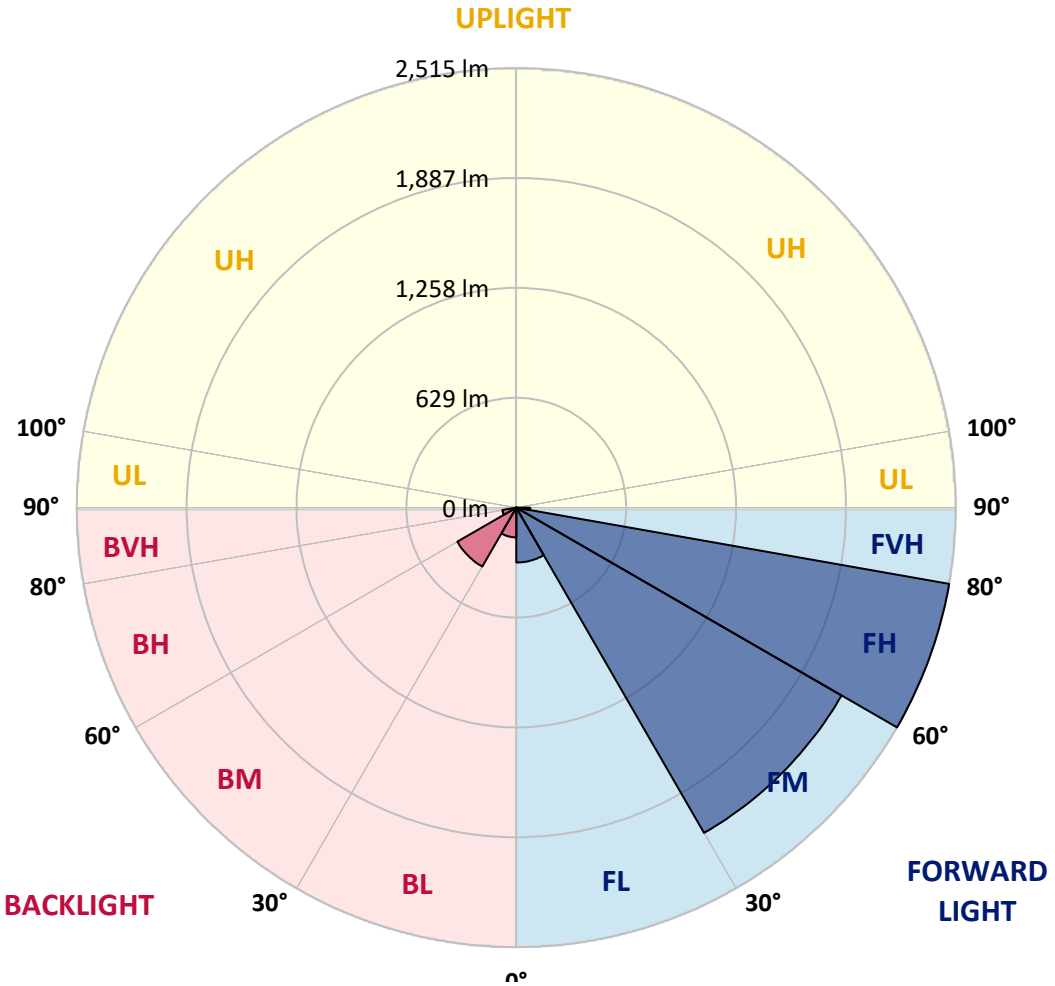
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	314.2	5.5			
FM	(30°-60°)	2149.5	37.7			
FH	(60°-80°)	2515.5	44.1			G2/5000
FVH	(80°-90°)	79.3	1.4			G1/100
BL	(0°-30°)	170.5	3.0	B1/500		
BM	(30°-60°)	389.5	6.8	B1/1000		
BH	(60°-80°)	80.5	1.4	B0/110		G0/110
BVH	(80°-90°)	1.1	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	826.1	826.1	826.1	826.1	826.1	*826.1*	826.1	826.1	826.1	826.1	826.1
2.5°	789.4	796.0	797.3	799.4	799.4	*801.9*	806.1	811.9	821.5	826.5	829.9
5°	727.6	732.6	738.8	743.8	753.4	*754.7*	771.0	786.9	809.0	825.7	837.4
7.5°	665.3	671.2	679.5	691.6	704.2	*707.9*	732.6	759.3	794.4	825.7	845.3
10°	621.5	621.9	629.4	641.5	661.6	*666.2*	696.2	734.2	778.1	820.7	852.9
12.5°	596.8	599.8	603.1	612.3	631.5	*634.4*	666.6	711.3	761.8	817.8	861.6
15°	596.8	598.9	601.0	605.6	621.1	*623.6*	652.0	696.6	753.4	819.0	875.8
17.5°	603.1	606.4	604.8	610.2	626.5	*628.2*	653.2	692.5	753.0	827.0	897.5
20°	618.1	620.6	617.3	620.6	636.9	*640.3*	666.2	700.4	760.1	840.7	924.7
22.5°	641.9	643.2	635.3	637.8	654.5	*658.6*	688.7	723.0	777.3	862.9	961.0
25°	672.0	674.5	662.4	665.3	681.2	*686.2*	720.9	756.8	804.4	893.4	1007.4
27.5°	706.7	707.9	697.5	697.1	717.5	*724.6*	759.7	798.6	840.7	931.8	1065.9
30°	746.3	750.1	740.1	738.4	764.3	*770.2*	804.8	849.9	894.2	989.4	1149.0
32.5°	777.7	780.6	774.7	778.9	805.2	*809.8*	859.5	922.6	978.1	1071.3	1262.2
35°	822.8	824.5	811.1	818.6	848.7	*860.4*	934.3	1024.5	1083.8	1174.0	1410.0
37.5°	986.1	986.1	929.3	892.1	920.9	*931.4*	1036.6	1152.7	1214.1	1311.9	1596.3
40°	1212.0	1208.3	1125.2	1049.1	1045.4	*1065.9*	1182.4	1314.4	1382.4	1477.2	1805.9
42.5°	1453.0	1447.2	1334.0	1258.8	1246.3	*1253.4*	1350.7	1513.6	1582.9	1679.0	2031.5
45°	1666.9	1665.2	1561.6	1460.5	1438.0	*1460.5*	1560.8	1746.6	1796.3	1897.4	2256.6
47.5°	1846.0	1846.0	1770.4	1704.4	1692.8	*1706.1*	1845.2	2005.2	2000.6	2130.0	2475.9
50°	2052.4	2050.7	1978.8	1950.4	1962.6	*1981.4*	2172.6	2277.5	2211.9	2358.5	2671.7
52.5°	2196.9	2206.9	2182.2	2177.7	2239.5	*2272.0*	2505.1	2543.9	2401.1	2575.3	2818.3
55°	2311.3	2323.0	2351.4	2383.6	2502.6	*2545.2*	2827.1	2796.6	2559.4	2763.2	2902.7
57.5°	2473.4	2456.6	2500.5	2564.0	2756.5	*2807.9*	3139.1	3035.1	2686.8	2915.6	2911.9
60°	2670.1	2672.6	2680.1	2760.3	3010.0	*3076.0*	3446.5	3260.6	2768.6	3009.2	2810.0
62.5°	2906.5	2910.2	2925.7	3048.9	3350.4	*3412.7*	3773.9	3445.2	2806.2	2982.9	2546.9
65°	2890.2	2906.0	3078.5	3499.9	3867.9	*3929.3*	4156.1	3574.7	2749.4	2742.3	2073.7
67.5°	2632.9	2658.8	2947.4	4038.7	4648.1	*4716.6*	4618.0	3600.2	2504.3	2132.5	1352.8
70°	2295.4	2304.6	2651.7	4523.2	5551.5	*5620.8*	5031.5	3319.9	1900.3	1189.5	606.0
72.5°	*1792.6*	*1794.7*	*2201.9*	*4635.6*	*6041.8*	*6045.6*	*4707.0*	*2464.6*	*1022.0*	*456.9*	*210.5*
75°	1280.5	1268.0	1474.7	3759.3	5315.5	*5358.1*	3528.8	1156.1	390.5	215.9	104.8
77.5°	686.6	700.4	834.5	2229.4	3672.0	*3744.7*	1925.4	333.3	198.8	147.0	69.3
80°	212.2	223.9	342.1	1020.7	2079.9	*2123.8*	713.8	148.3	138.7	104.8	45.5
82.5°	66.8	69.3	159.5	428.9	863.3	*883.3*	206.7	83.9	94.8	69.3	26.7
85°	19.2	19.6	71.0	160.0	213.4	*217.6*	58.1	32.6	54.3	43.0	13.8
87.5°	2.1	6.7	26.7	26.7	18.8	*18.4*	6.3	7.1	15.5	5.4	2.5
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°	826.1	826.1	826.1	826.1	826.1	826.1	826.1	826.1	826.1	826.1	826.1
2.5°	827.8	828.2	822.8	813.6	803.6	795.2	784.8	776.4	770.6	768.9	771.8
5°	833.6	830.7	815.3	787.3	753.9	725.0	692.9	667.4	650.7	643.6	646.1
7.5°	842.4	834.1	800.2	745.1	681.2	624.4	566.8	522.1	493.7	479.5	481.6
10°	849.9	833.2	775.2	684.1	586.4	500.4	422.7	368.8	338.7	324.5	324.9
12.5°	857.0	832.8	742.6	611.9	479.5	374.2	302.0	275.2	266.9	264.0	263.1
15°	870.4	834.1	701.7	529.2	373.0	282.8	256.4	256.0	257.7	256.9	256.4
17.5°	888.8	835.3	655.3	441.5	287.8	249.3	248.1	251.8	254.4	253.1	252.7
20°	912.6	840.3	606.0	354.6	247.3	241.0	243.9	247.3	249.3	247.3	246.8
22.5°	946.0	849.1	552.1	284.8	234.3	236.0	238.5	242.2	244.3	241.4	241.0
25°	986.9	862.9	499.1	247.7	228.0	230.1	233.9	238.1	240.6	237.6	237.2
27.5°	1040.0	885.0	450.2	239.3	221.8	223.0	228.5	234.7	238.1	234.3	234.3
30°	1116.8	921.3	408.0	243.1	218.0	215.1	222.6	231.4	235.1	231.8	231.4
32.5°	1218.7	972.7	382.2	248.9	216.3	205.9	213.0	224.3	230.5	228.5	228.5
35°	1352.4	1050.8	372.1	255.6	215.1	196.3	201.3	213.4	224.3	226.4	226.4
37.5°	1514.4	1159.4	375.1	258.5	211.3	188.4	190.9	201.3	215.5	222.2	223.9
40°	1698.6	1286.0	391.8	255.6	207.2	181.7	182.1	190.0	202.6	212.6	215.9
42.5°	1888.6	1433.8	422.7	244.7	203.4	175.8	174.6	180.0	188.4	195.5	198.4
45°	2069.5	1585.8	453.2	229.7	198.8	170.0	167.1	169.2	170.8	173.7	175.4
47.5°	2227.4	1692.8	444.4	215.9	192.5	163.3	158.3	157.5	152.4	152.0	151.6
50°	2336.4	1716.1	394.7	202.1	183.4	155.8	147.8	142.8	134.1	129.9	130.3
52.5°	2371.0	1623.8	322.4	188.4	168.3	145.8	134.5	126.5	115.7	111.9	111.5
55°	2325.1	1443.0	257.7	171.7	147.4	132.4	119.9	109.4	100.7	96.1	96.1
57.5°	2212.7	1212.9	203.8	152.0	125.3	117.4	104.8	94.4	86.9	82.3	81.4
60°	2026.5	963.1	161.2	128.6	106.9	101.1	88.1	81.4	74.8	69.3	68.1
62.5°	1743.7	687.5	126.5	101.9	89.4	82.7	75.2	70.2	62.2	54.7	53.5
65°	1360.7	420.6	97.7	74.8	71.8	68.5	63.9	59.3	49.7	42.2	40.9
67.5°	858.3	199.2	69.7	56.4	56.8	55.1	53.0	49.3	42.2	35.5	34.7
70°	378.0	96.5	45.9	43.0	42.2	42.2	43.9	42.6	35.9	29.7	28.4
72.5°	*128.6*	*51.8*	*34.2*	*32.6*	*30.5*	*30.1*	*36.8*	*35.5*	*28.8*	*23.0*	*21.7*
75°	67.2	34.7	25.1	23.4	18.4	22.1	29.2	27.6	20.5	15.0	13.8
77.5°	43.9	24.6	17.1	15.0	10.4	14.6	21.7	19.2	12.1	7.5	6.7
80°	27.6	16.3	10.0	7.1	5.0	7.9	11.7	8.4	4.6	1.7	1.3
82.5°	14.6	8.4	3.8	2.5	2.1	2.5	2.9	2.1	0.8	0.0	0.0
85°	5.8	2.9	1.3	0.8	0.4	0.0	0.8	0.4	0.0	0.0	0.0
87.5°	2.1	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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SS

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(END OF REPORT)