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: P1201888

Luminaire Tested: GWC-SB1C-735-U-T3-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201888
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-6)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1C-735-U-T3-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE III OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5904 lumens
Efficiency:	N/A
Efficacy:	108.5 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - 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

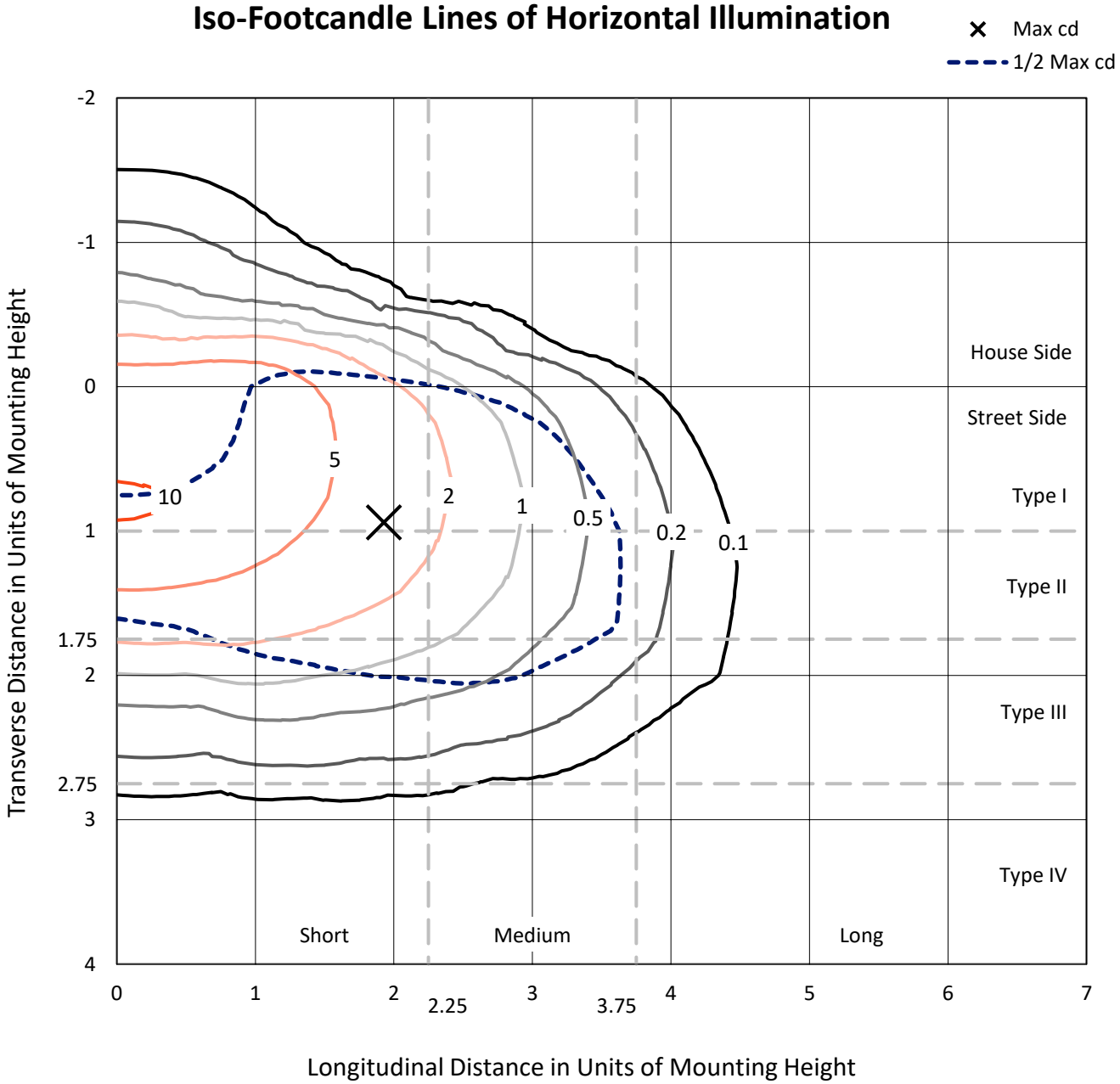


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Iso-Footcandle Lines of Horizontal Illumination



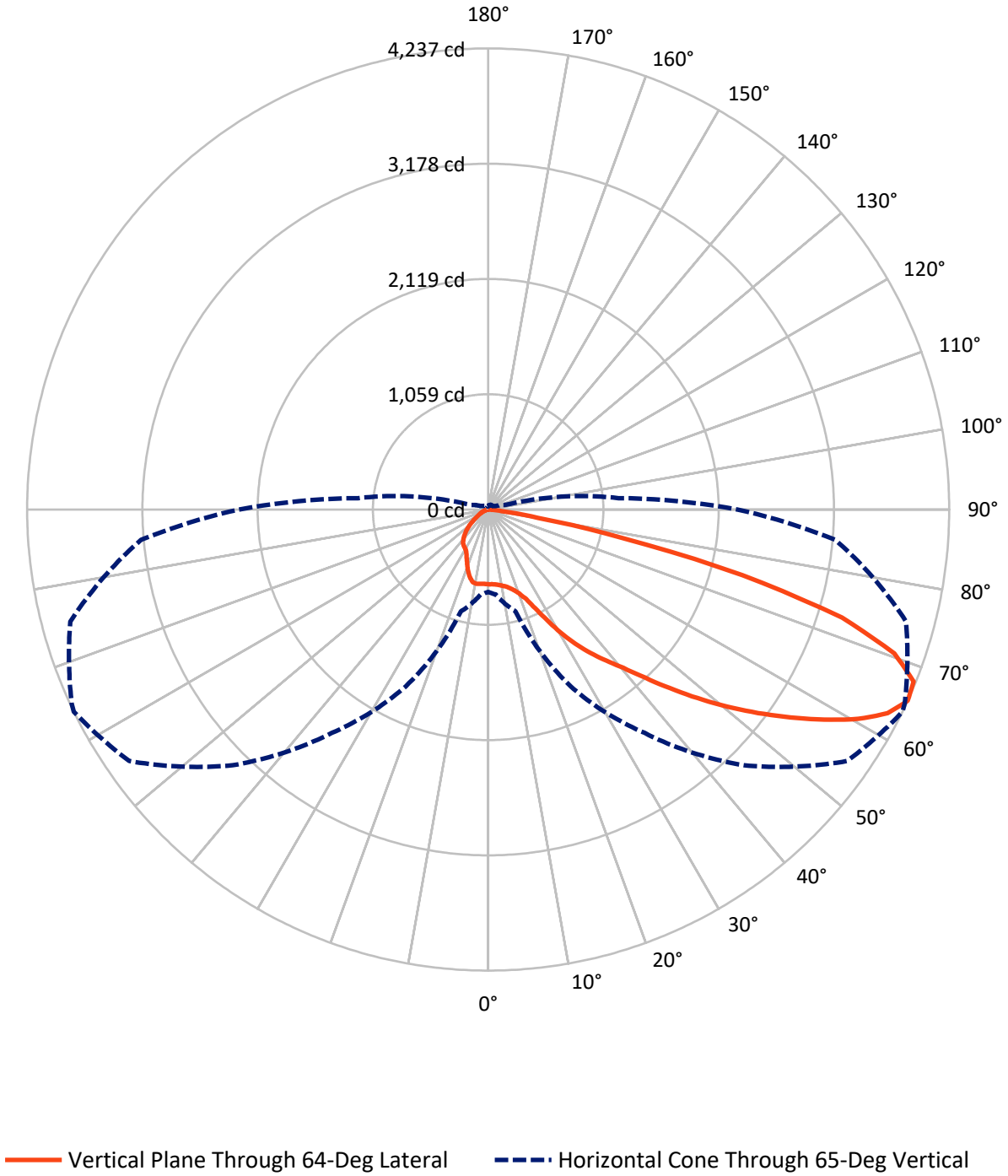
Based on 10 foot mounting height. Maximum calculated value = 10.8 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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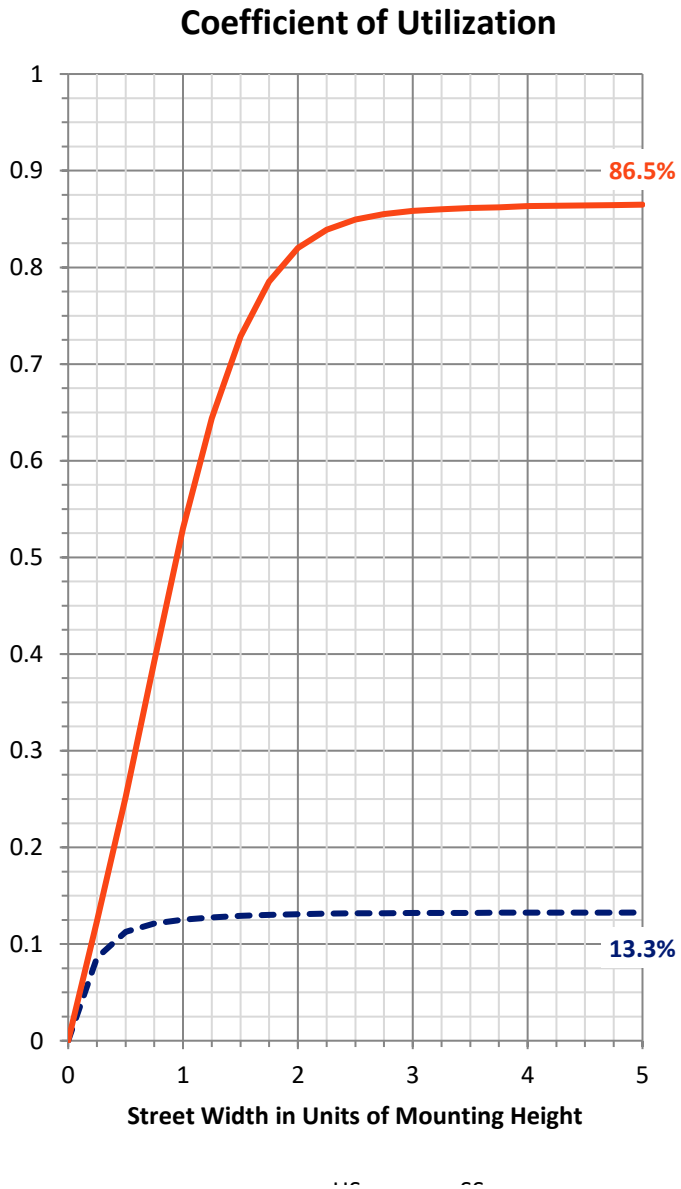
REPORT NUMBER: P1201888
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	789.5	0.0	789.5
	% Fixture	13.4	0.0	13.4
Street Side	Lumens	5114.5	0.0	5114.5
	% Fixture	86.6	0.0	86.6
Total	Lumens	5904.0	0.0	5904.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.4	1.1
10°-20°	171.8	2.9
20°-30°	325.6	5.5
30°-40°	658.9	11.2
40°-50°	1122.4	19.0
50°-60°	1526.4	25.9
60°-70°	1433.4	24.3
70°-80°	574.3	9.7
80°-90°	27.8	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°	5904.0	100.0
0°-180°	5904.0	100.0



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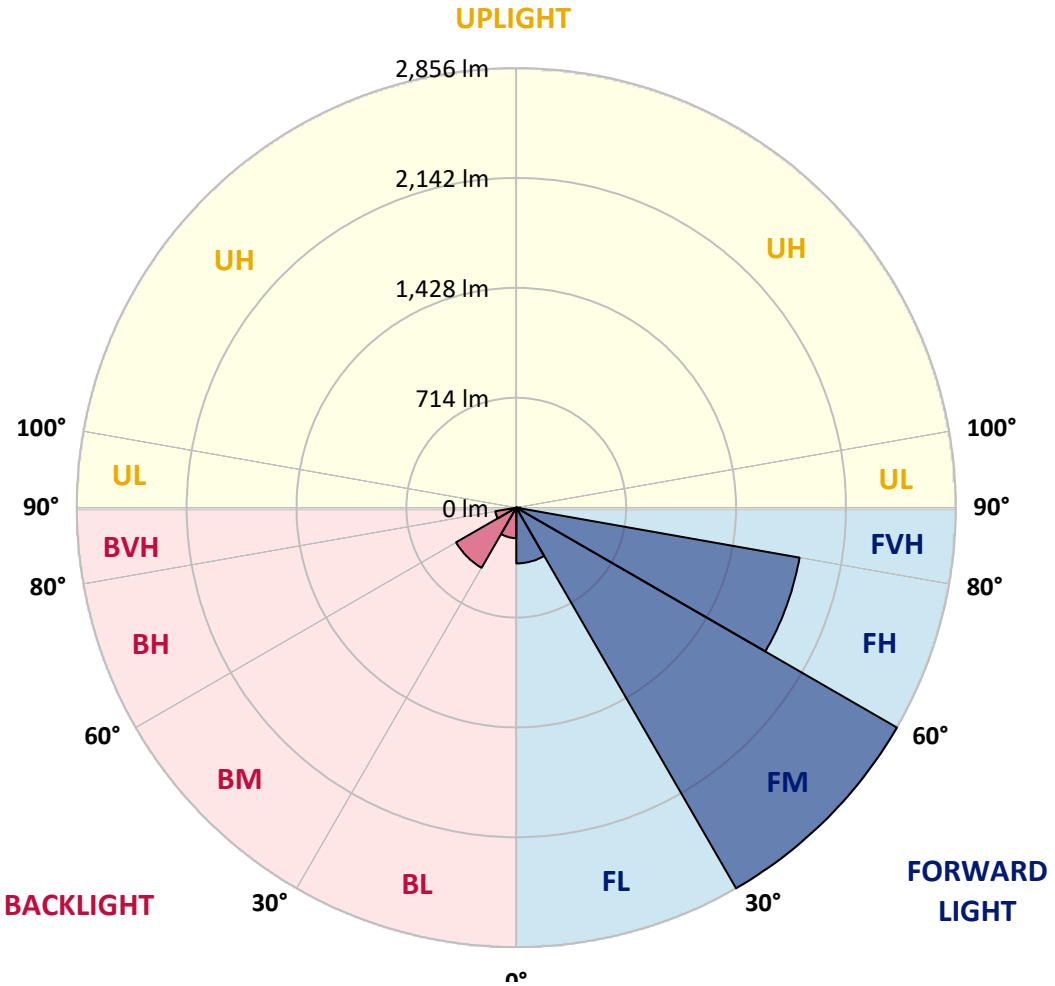
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	362.6	6.1			
FM	(30°-60°)	2856.3	48.4			
FH	(60°-80°)	1869.1	31.7			G2/5000
FVH	(80°-90°)	26.5	0.4			G1/100
BL	(0°-30°)	198.2	3.4	B1/500		
BM	(30°-60°)	451.4	7.6	B1/1000		
BH	(60°-80°)	138.6	2.3	B1/500		G1/500
BVH	(80°-90°)	1.4	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	686.7	686.7	686.7	686.7	686.7	686.7	686.7	*686.7*	686.7	686.7	686.7
2.5°	684.3	689.1	687.9	686.7	686.3	687.1	687.5	*687.1*	687.1	687.1	687.5
5°	671.3	675.2	675.2	678.0	681.9	686.7	690.3	*691.1*	691.8	693.0	692.6
7.5°	646.3	649.5	651.9	661.0	670.9	683.5	694.2	*699.8*	700.5	704.9	706.5
10°	629.3	633.3	637.2	646.7	661.0	680.0	698.2	*711.6*	713.6	723.9	728.7
12.5°	628.5	632.5	637.6	647.9	664.5	684.7	706.9	*726.3*	729.8	744.9	754.8
15°	636.8	641.6	646.3	659.0	676.8	701.3	725.1	*749.2*	752.8	774.2	784.9
17.5°	653.8	660.2	663.7	676.4	695.4	722.7	754.0	*781.7*	784.9	809.8	823.2
20°	687.5	695.0	696.2	706.5	725.1	754.4	791.6	*826.0*	830.0	858.5	873.5
22.5°	757.1	767.8	758.3	763.5	780.1	809.4	849.8	*893.3*	898.8	931.3	944.8
25°	879.8	894.9	870.3	861.6	868.8	899.2	949.9	*1004.9*	1011.2	1037.4	1044.1
27.5°	1120.9	1101.5	1064.3	1027.9	1006.5	1023.9	1080.9	*1149.0*	1156.9	1182.2	1174.3
30°	1385.7	1368.6	1318.4	1237.6	1187.0	1184.2	1236.8	*1312.8*	1321.9	1346.1	1321.9
32.5°	1650.8	1634.6	1580.0	1480.7	1392.8	1349.2	1385.7	*1470.0*	1474.7	1490.2	1454.5
35°	1911.7	1895.0	1840.4	1738.7	1630.7	1531.7	1524.6	*1619.6*	1621.2	1637.4	1584.3
37.5°	2174.1	2160.2	2102.0	2002.3	1895.8	1759.3	1693.2	*1761.3*	1763.2	1779.1	1724.1
40°	2361.3	2367.2	2327.2	2250.1	2158.6	2009.4	1882.4	*1912.1*	1900.2	1926.7	1893.9
42.5°	2522.0	2533.9	2499.0	2460.2	2407.2	2275.8	2116.7	*2111.5*	2092.5	2106.8	2072.8
45°	2660.9	2670.8	2639.5	2630.4	2629.2	2537.0	2372.8	*2341.9*	2315.4	2312.6	2271.8
47.5°	2712.0	2731.0	2744.4	2774.9	2834.3	2795.5	2637.5	*2589.7*	2560.0	2538.2	2473.7
50°	2731.4	2751.5	2797.4	2886.1	3026.6	3043.2	2901.1	*2847.3*	2810.9	2771.3	2676.3
52.5°	2705.2	2741.2	2803.0	2952.2	3156.0	3241.9	3154.1	*3107.0*	3065.4	3000.9	2860.0
55°	2551.3	2587.3	2713.5	2951.4	3220.5	3381.2	3393.1	*3372.1*	3325.4	3223.7	3008.4
57.5°	2226.7	2280.1	2480.0	2850.9	3219.4	3501.2	3627.4	*3642.5*	3590.2	3444.6	3125.2
60°	1777.1	1849.5	2093.3	2628.0	3120.0	3566.1	3832.8	*3908.0*	3852.6	3662.2	3219.8
62.5°	1240.0	1323.9	1554.7	2279.0	2892.8	3519.4	3982.8	*4121.8*	4079.8	3857.0	3256.2
65°	*756.4*	*783.3*	*969.3*	*1793.3*	*2506.5*	*3323.8*	*4029.1*	*4237.3*	*4223.5*	*3976.1*	*3202.3*
67.5°	503.8	526.4	579.8	1229.7	1945.7	2933.2	3918.3	*4217.1*	4221.1	3956.7	3005.2
70°	303.6	323.0	357.8	715.2	1261.0	2321.7	3575.2	*3959.9*	3982.8	3697.5	2631.6
72.5°	125.1	138.1	169.8	324.2	653.1	1473.5	2846.9	*3399.8*	3453.3	3108.9	2019.7
75°	70.8	77.6	99.7	162.7	283.4	686.7	1724.5	*2413.5*	2492.3	2142.8	1215.1
77.5°	47.1	50.3	64.5	105.3	159.5	234.3	737.0	*1257.4*	1407.8	1170.4	526.0
80°	31.7	34.4	44.3	70.5	103.7	100.5	234.7	*465.8*	573.1	402.1	128.2
82.5°	21.4	21.8	31.7	46.3	65.7	48.7	69.3	*144.9*	182.1	116.4	48.7
85°	12.3	11.9	23.4	26.9	29.3	20.2	21.0	*43.5*	57.0	49.1	27.7
87.5°	1.6	2.4	9.1	7.1	4.0	4.4	4.4	*7.5*	11.1	11.9	5.9
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°	686.7	686.7	686.7	686.7	686.7	686.7	686.7	686.7	686.7	686.7	686.7
2.5°	687.5	687.1	685.9	684.7	681.9	680.4	681.2	680.4	680.0	680.4	681.9
5°	692.6	691.4	688.3	684.3	678.8	672.1	667.7	661.4	655.4	651.9	652.7
7.5°	706.5	705.3	700.9	689.9	672.1	644.0	618.2	595.7	578.6	568.8	569.1
10°	728.7	726.7	719.9	695.4	648.7	587.4	536.3	493.9	466.2	453.2	452.0
12.5°	754.8	752.4	740.5	690.3	604.4	508.6	438.1	391.0	365.3	353.8	352.6
15°	785.6	782.5	759.1	665.7	539.9	421.5	357.0	321.8	305.2	294.9	295.3
17.5°	824.0	818.5	773.0	628.9	469.8	355.0	307.1	280.6	266.0	256.1	255.3
20°	873.9	864.8	784.1	585.0	405.3	313.1	273.5	251.3	240.2	231.5	230.0
22.5°	943.6	930.5	797.5	537.5	359.8	284.2	248.6	232.3	223.2	213.3	211.7
25°	1029.8	1014.4	814.1	493.6	328.5	259.2	230.4	216.9	206.2	194.7	193.5
27.5°	1150.6	1122.9	833.9	457.5	301.6	237.9	213.7	198.7	186.4	176.9	174.9
30°	1285.1	1239.6	851.3	435.8	277.1	218.1	192.0	176.9	165.4	158.7	157.5
32.5°	1412.6	1350.8	862.8	426.3	254.9	195.5	168.2	152.0	143.3	141.3	142.5
35°	1532.9	1451.4	861.6	417.2	235.1	173.0	144.9	128.2	121.5	122.7	122.7
37.5°	1671.4	1558.6	853.3	402.9	218.9	152.4	124.7	110.0	104.1	104.5	106.1
40°	1832.5	1682.5	848.2	376.0	201.1	133.4	108.1	96.2	91.8	90.2	89.8
42.5°	2004.3	1802.4	849.0	345.5	178.9	116.4	96.6	86.7	82.7	81.5	81.1
45°	2176.8	1916.8	850.2	313.9	155.5	103.3	88.3	79.9	77.6	76.0	76.0
47.5°	2339.1	2014.2	828.0	279.8	132.6	93.4	81.5	76.0	74.0	72.0	72.0
50°	2490.3	2079.1	774.6	240.2	114.4	85.5	76.4	72.4	70.5	68.5	68.5
52.5°	2607.9	2089.4	686.3	199.5	101.7	79.6	73.2	69.7	67.3	65.3	64.9
55°	2660.1	2024.9	560.8	161.5	91.8	74.4	70.1	66.5	63.7	61.7	61.3
57.5°	2646.7	1889.1	437.3	129.8	82.3	69.3	66.1	63.7	60.6	57.4	57.0
60°	2580.6	1707.4	329.7	108.1	73.6	63.7	61.7	59.8	55.4	50.7	49.9
62.5°	2466.2	1479.1	235.1	89.4	64.1	57.4	56.6	55.0	48.7	40.0	39.2
65°	*2291.2*	*1201.6*	*158.3*	*74.4*	*55.0*	*50.3*	*50.7*	*47.9*	*39.6*	*29.7*	*28.9*
67.5°	2035.6	878.7	101.3	61.0	45.9	42.0	42.3	40.8	33.6	25.3	24.1
70°	1709.8	581.8	66.1	46.3	36.8	32.5	34.8	35.2	28.5	20.6	19.8
72.5°	1253.5	343.5	46.3	34.4	26.9	22.6	28.5	29.3	23.0	15.4	14.6
75°	714.4	163.1	34.8	24.9	16.6	15.8	22.2	22.2	15.8	10.3	9.5
77.5°	300.0	68.1	24.5	16.2	9.5	9.1	15.0	13.9	7.9	4.7	4.7
80°	86.7	30.5	13.1	7.9	4.0	3.6	5.9	4.4	2.0	0.8	0.8
82.5°	34.0	13.5	5.1	3.2	1.6	1.6	0.8	0.0	0.0	0.0	0.0
85°	20.2	5.5	2.4	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.1	1.2	0.8	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)