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: P1201976

Luminaire Tested: GWC-SB1C-827-U-T3-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201976
	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-827-U-T3-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 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:	5135 lumens
Efficiency:	N/A
Efficacy:	94.4 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

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

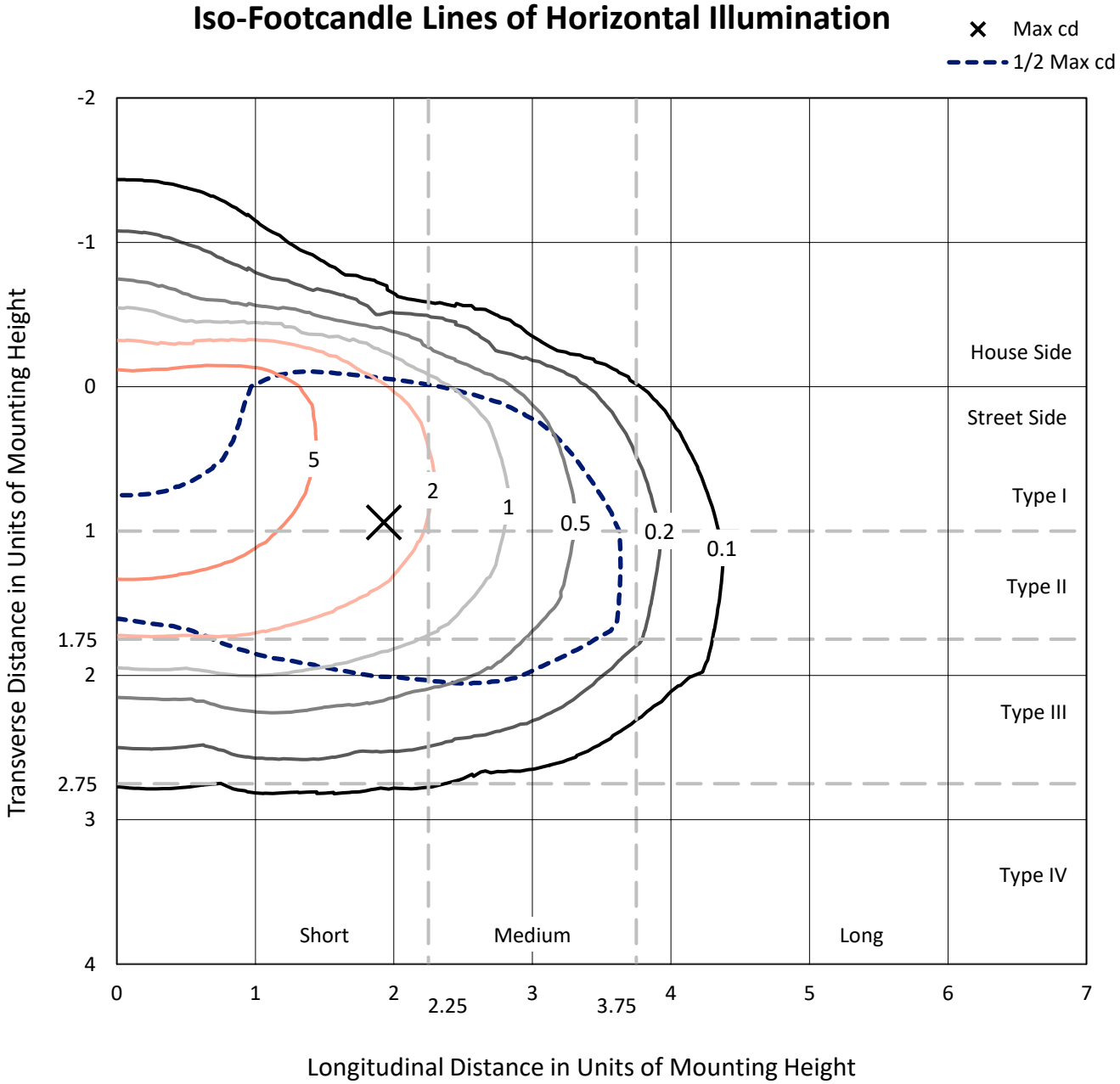


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Iso-Footcandle Lines of Horizontal Illumination



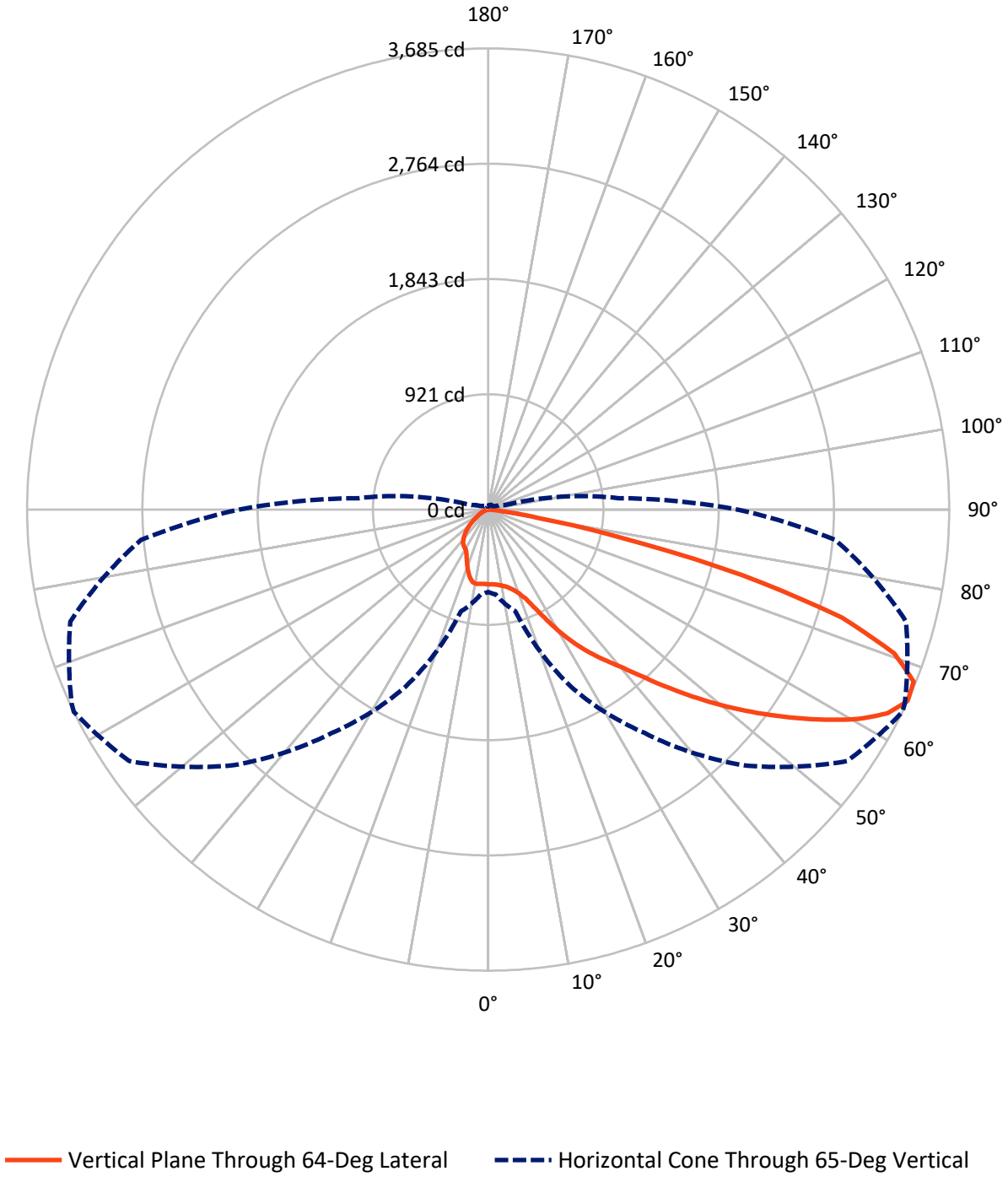
Based on 10 foot mounting height. Maximum calculated value = 9.4 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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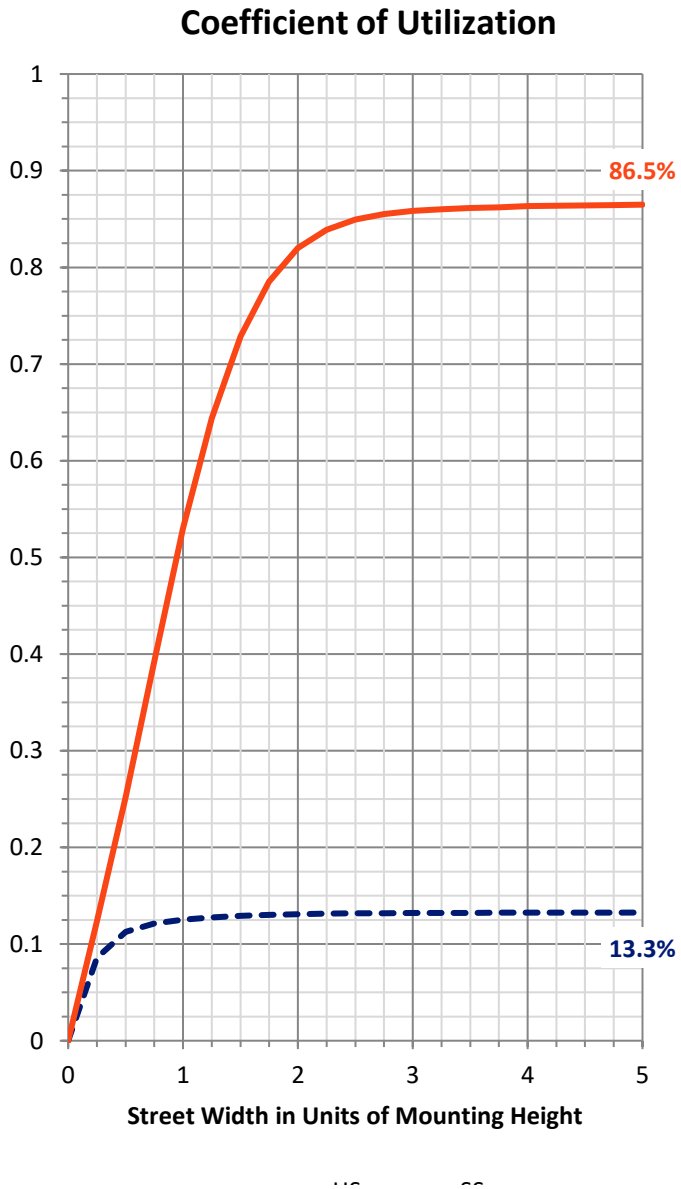
REPORT NUMBER: P1201976
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	686.7	0.0	686.7
	% Fixture	13.4	0.0	13.4
Street Side	Lumens	4448.3	0.0	4448.3
	% Fixture	86.6	0.0	86.6
Total	Lumens	5135.0	0.0	5135.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.1	1.1
10°-20°	149.5	2.9
20°-30°	283.2	5.5
30°-40°	573.1	11.2
40°-50°	976.2	19.0
50°-60°	1327.6	25.9
60°-70°	1246.7	24.3
70°-80°	499.5	9.7
80°-90°	24.2	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°	5135.0	100.0
0°-180°	5135.0	100.0



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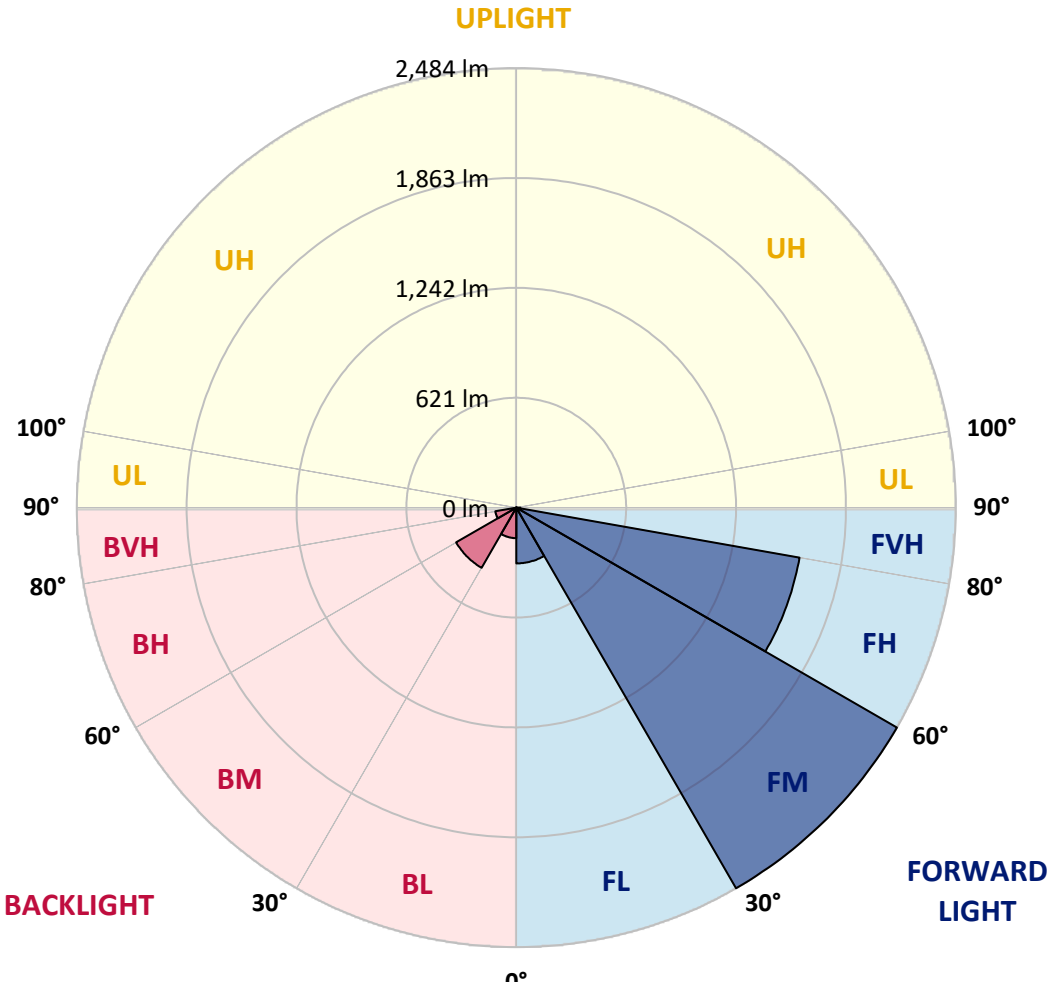
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	315.3	6.1			
FM	(30°-60°)	2484.3	48.4			
FH	(60°-80°)	1625.6	31.7			G1/1800
FVH	(80°-90°)	23.0	0.4			G1/100
BL	(0°-30°)	172.4	3.4	B1/500		
BM	(30°-60°)	392.6	7.6	B1/1000		
BH	(60°-80°)	120.5	2.3	B1/500		G1/500
BVH	(80°-90°)	1.2	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-G1
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	597.3	597.3	597.3	597.3	597.3	597.3	597.3	597.3	597.3	597.3	597.3
2.5°	595.2	599.3	598.3	597.3	596.9	597.6	597.9	597.6	597.6	597.6	597.9
5°	583.8	587.3	587.3	589.7	593.1	597.3	600.4	601.0	601.7	602.8	602.4
7.5°	562.1	564.9	567.0	574.9	583.5	594.5	603.8	608.6	609.3	613.1	614.5
10°	547.3	550.8	554.2	562.5	574.9	591.4	607.2	618.9	620.7	629.6	633.7
12.5°	546.7	550.1	554.6	563.5	578.0	595.5	614.8	631.7	634.8	647.9	656.5
15°	553.9	558.0	562.1	573.2	588.6	610.0	630.6	651.6	654.7	673.3	682.6
17.5°	568.7	574.2	577.3	588.3	604.8	628.6	655.8	679.9	682.6	704.3	716.0
20°	597.9	604.5	605.5	614.5	630.6	656.1	688.5	718.4	721.9	746.7	759.7
22.5°	658.5	667.8	659.6	664.0	678.5	704.0	739.1	776.9	781.8	810.0	821.7
25°	765.2	778.3	757.0	749.4	755.6	782.1	826.2	874.0	879.5	902.2	908.1
27.5°	974.9	958.0	925.7	894.0	875.4	890.5	940.1	999.3	1006.2	1028.2	1021.4
30°	1205.2	1190.4	1146.7	1076.4	1032.4	1030.0	1075.7	1141.8	1149.8	1170.8	1149.8
32.5°	1435.8	1421.7	1374.2	1287.8	1211.4	1173.5	1205.2	1278.5	1282.6	1296.1	1265.1
35°	1662.7	1648.2	1600.7	1512.2	1418.3	1332.2	1326.0	1408.6	1410.0	1424.1	1378.0
37.5°	1890.9	1878.9	1828.3	1741.5	1648.9	1530.1	1472.7	1531.9	1533.6	1547.4	1499.5
40°	2053.7	2058.9	2024.1	1957.0	1877.5	1747.7	1637.2	1663.0	1652.7	1675.8	1647.2
42.5°	2193.5	2203.8	2173.5	2139.8	2093.7	1979.4	1841.0	1836.5	1820.0	1832.4	1802.8
45°	2314.3	2322.9	2295.7	2287.8	2286.8	2206.6	2063.7	2036.9	2013.8	2011.4	1975.9
47.5°	2358.7	2375.2	2386.9	2413.5	2465.1	2431.4	2294.0	2252.4	2226.5	2207.6	2151.5
50°	2375.6	2393.1	2433.1	2510.2	2632.4	2646.8	2523.3	2476.5	2444.8	2410.4	2327.7
52.5°	2352.9	2384.2	2437.9	2567.7	2745.0	2819.7	2743.2	2702.3	2666.1	2610.0	2487.5
55°	2219.0	2250.3	2360.1	2567.0	2801.1	2940.8	2951.2	2932.9	2892.3	2803.8	2616.6
57.5°	1936.7	1983.2	2157.0	2479.6	2800.0	3045.1	3154.9	3168.0	3122.6	2995.9	2718.1
60°	1545.6	1608.6	1820.7	2285.7	2713.6	3101.6	3333.6	3399.0	3350.8	3185.2	2800.4
62.5°	1078.5	1151.5	1352.2	1982.1	2516.0	3061.0	3464.1	3584.9	3548.4	3354.6	2832.1
65°	657.8	681.2	843.0	1559.7	2180.1	2890.9	3504.3	3685.4	3673.4	3458.2	2785.2
67.5°	438.2	457.8	504.3	1069.5	1692.3	2551.2	3408.0	3667.9	3671.3	3441.4	2613.8
70°	264.0	280.9	311.2	622.0	1096.7	2019.3	3109.5	3444.1	3464.1	3215.9	2288.8
72.5°	108.8	120.1	147.7	281.9	568.0	1281.6	2476.1	2957.0	3003.5	2704.0	1756.6
75°	61.6	67.5	86.7	141.5	246.5	597.3	1499.8	2099.2	2167.7	1863.7	1056.8
77.5°	41.0	43.7	56.1	91.6	138.7	203.8	641.0	1093.6	1224.5	1017.9	457.5
80°	27.5	29.9	38.6	61.3	90.2	87.4	204.1	405.2	498.5	349.7	111.5
82.5°	18.6	18.9	27.5	40.3	57.1	42.3	60.2	126.0	158.3	101.2	42.3
85°	10.7	10.3	20.3	23.4	25.5	17.6	18.2	37.9	49.6	42.7	24.1
87.5°	1.4	2.1	7.9	6.2	3.4	3.8	3.8	6.5	9.6	10.3	5.2
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°	597.3	597.3	597.3	597.3	597.3	597.3	597.3	597.3	597.3	597.3	597.3
2.5°	597.9	597.6	596.6	595.5	593.1	591.7	592.4	591.7	591.4	591.7	593.1
5°	602.4	601.4	598.6	595.2	590.4	584.5	580.7	575.2	570.1	567.0	567.6
7.5°	614.5	613.4	609.6	600.0	584.5	560.1	537.7	518.1	503.3	494.7	495.0
10°	633.7	632.0	626.2	604.8	564.2	510.8	466.4	429.6	405.5	394.2	393.1
12.5°	656.5	654.4	644.1	600.4	525.7	442.3	381.1	340.1	317.7	307.7	306.7
15°	683.3	680.6	660.2	579.0	469.5	366.6	310.5	279.9	265.4	256.5	256.8
17.5°	716.7	711.9	672.3	547.0	408.6	308.8	267.1	244.1	231.3	222.7	222.0
20°	760.1	752.2	681.9	508.8	352.5	272.3	237.9	218.6	209.0	201.4	200.0
22.5°	820.7	809.3	693.6	467.5	312.9	247.2	216.2	202.1	194.2	185.5	184.2
25°	895.7	882.3	708.1	429.3	285.7	225.5	200.3	188.6	179.3	169.4	168.3
27.5°	1000.7	976.6	725.3	397.9	262.3	206.9	185.9	172.8	162.1	153.9	152.2
30°	1117.7	1078.2	740.5	379.0	241.0	189.7	167.0	153.9	143.9	138.0	137.0
32.5°	1228.6	1174.9	750.4	370.7	221.7	170.1	146.3	132.2	124.6	122.9	123.9
35°	1333.2	1262.3	749.4	362.8	204.5	150.4	126.0	111.5	105.7	106.7	106.7
37.5°	1453.7	1355.6	742.2	350.4	190.4	132.5	108.4	95.7	90.5	90.9	92.3
40°	1593.8	1463.4	737.7	327.0	174.9	116.0	94.0	83.6	79.9	78.5	78.1
42.5°	1743.2	1567.7	738.4	300.5	155.6	101.2	84.0	75.4	71.9	70.9	70.6
45°	1893.3	1667.1	739.4	273.0	135.3	89.8	76.8	69.5	67.5	66.1	66.1
47.5°	2034.4	1751.8	720.1	243.4	115.3	81.2	70.9	66.1	64.4	62.7	62.7
50°	2165.9	1808.3	673.7	209.0	99.5	74.4	66.4	63.0	61.3	59.6	59.6
52.5°	2268.2	1817.2	596.9	173.5	88.5	69.2	63.7	60.6	58.5	56.8	56.5
55°	2313.6	1761.1	487.8	140.4	79.9	64.7	60.9	57.8	55.4	53.7	53.4
57.5°	2301.9	1643.1	380.4	112.9	71.6	60.2	57.5	55.4	52.7	49.9	49.6
60°	2244.4	1485.0	286.8	94.0	64.0	55.4	53.7	52.0	48.2	44.1	43.4
62.5°	2145.0	1286.4	204.5	77.8	55.8	49.9	49.2	47.8	42.3	34.8	34.1
65°	*1992.8*	*1045.1*	*137.7*	*64.7*	*47.8*	*43.7*	*44.1*	*41.7*	*34.4*	*25.8*	*25.1*
67.5°	1770.4	764.2	88.1	53.0	39.9	36.5	36.8	35.5	29.3	22.0	21.0
70°	1487.1	506.0	57.5	40.3	32.0	28.2	30.3	30.6	24.8	17.9	17.2
72.5°	1090.2	298.8	40.3	29.9	23.4	19.6	24.8	25.5	20.0	13.4	12.7
75°	621.4	141.8	30.3	21.7	14.5	13.8	19.3	19.3	13.8	9.0	8.3
77.5°	260.9	59.2	21.3	14.1	8.3	7.9	13.1	12.0	6.9	4.1	4.1
80°	75.4	26.5	11.4	6.9	3.4	3.1	5.2	3.8	1.7	0.7	0.7
82.5°	29.6	11.7	4.5	2.8	1.4	1.4	0.7	0.0	0.0	0.0	0.0
85°	17.6	4.8	2.1	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.5	1.0	0.7	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


HS
SS

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(END OF REPORT)