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: P1201514

Luminaire Tested: GWC-SB1B-735-U-T3-HSS

Issue Date: 10/30/2025

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201514
	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-SB1B-735-U-T3-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 450mA 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:	4440 lumens
Efficiency:	N/A
Efficacy:	111.6 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):	39.8
Input Voltage (V):	120.0
Input Current (Ain):	0.33
Voltage Rise (V):	NR
Power Factor:	0.996
Total Harmonic Distortion (THDi):	5.305
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

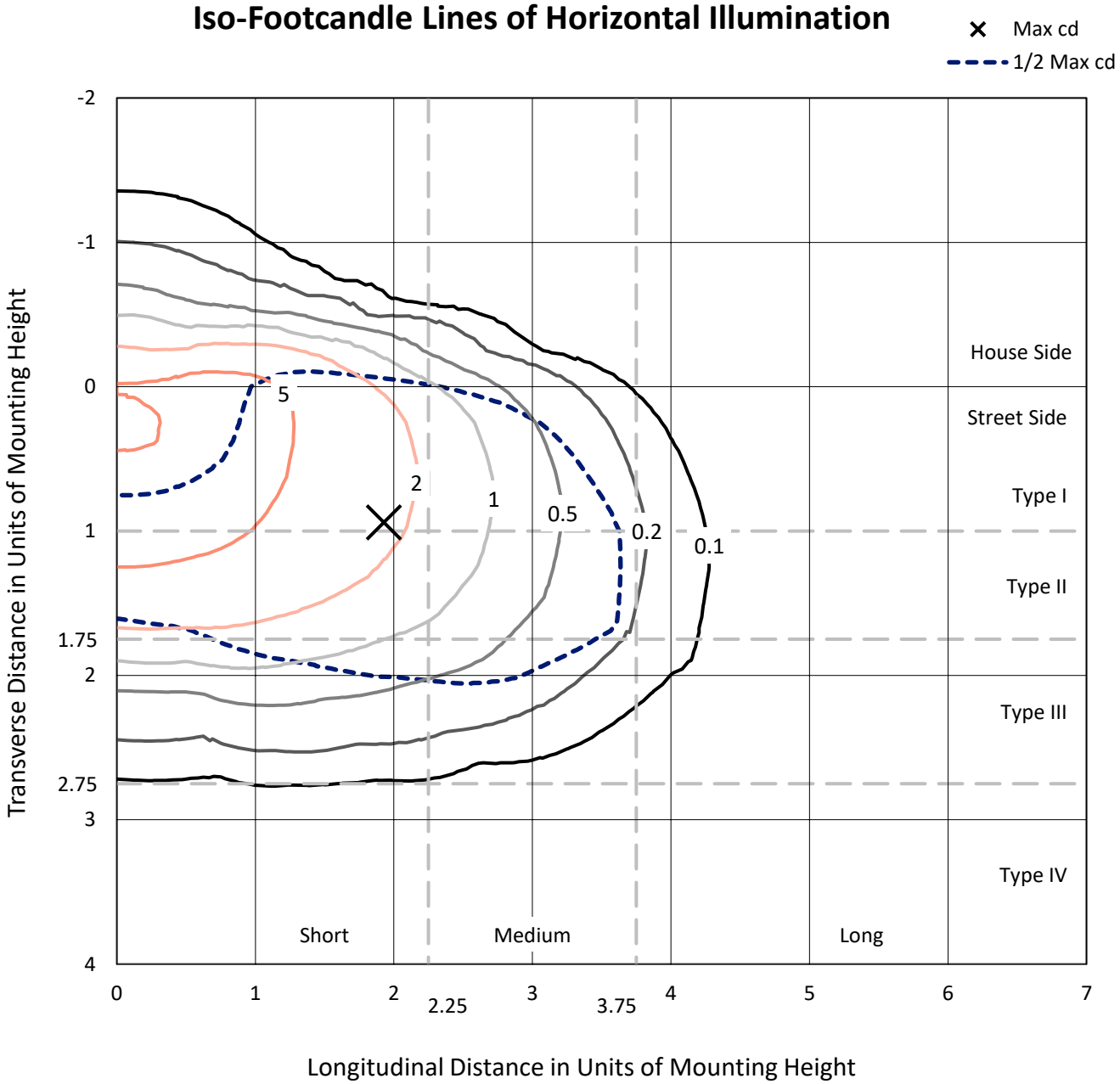


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Iso-Footcandle Lines of Horizontal Illumination



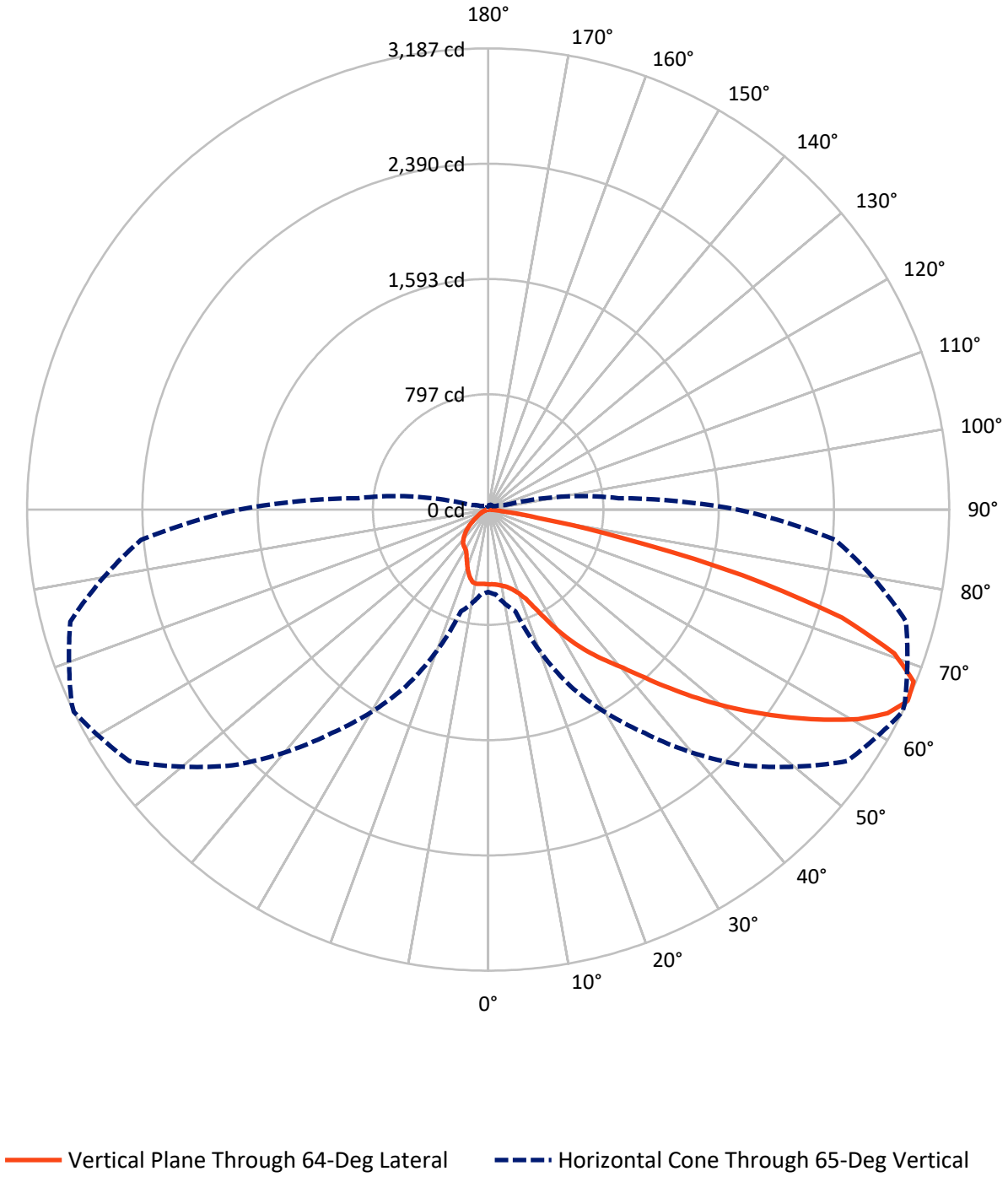
Based on 10 foot mounting height. Maximum calculated value = 8.1 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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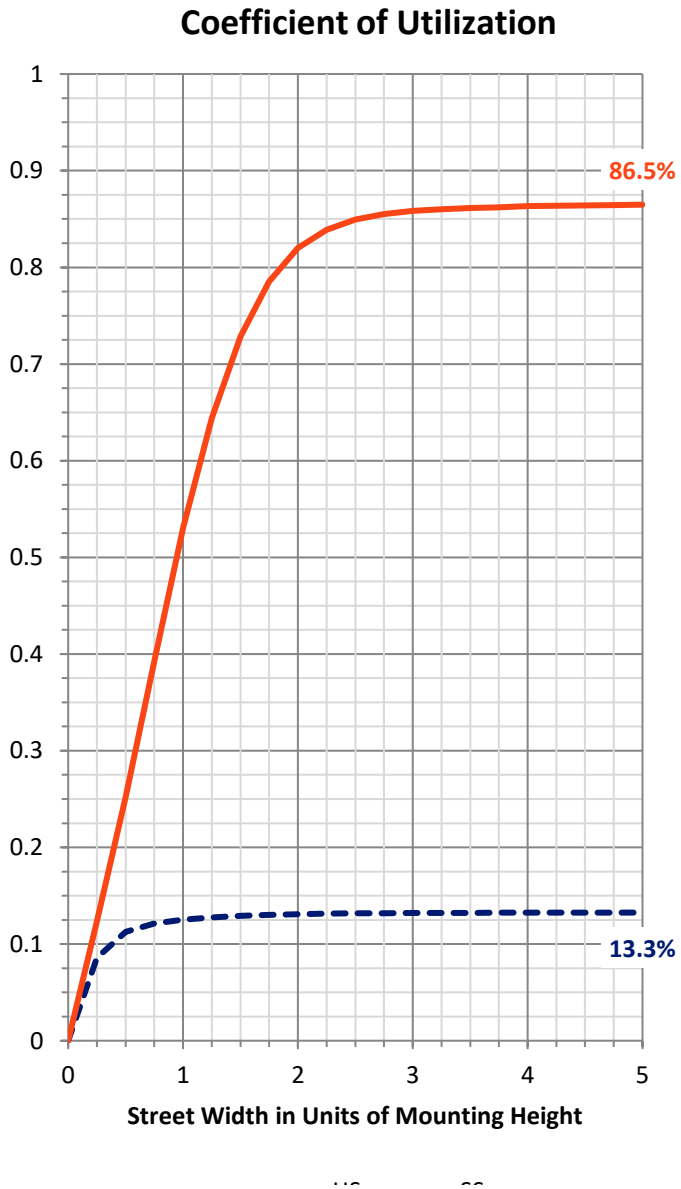
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	593.8	0.0	593.8
	% Fixture	13.4	0.0	13.4
Street Side	Lumens	3846.2	0.0	3846.2
	% Fixture	86.6	0.0	86.6
Total	Lumens	4440.0	0.0	4440.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.6	1.1
10°-20°	129.2	2.9
20°-30°	244.9	5.5
30°-40°	495.5	11.2
40°-50°	844.1	19.0
50°-60°	1147.9	25.9
60°-70°	1077.9	24.3
70°-80°	431.9	9.7
80°-90°	20.9	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°	4440.0	100.0
0°-180°	4440.0	100.0



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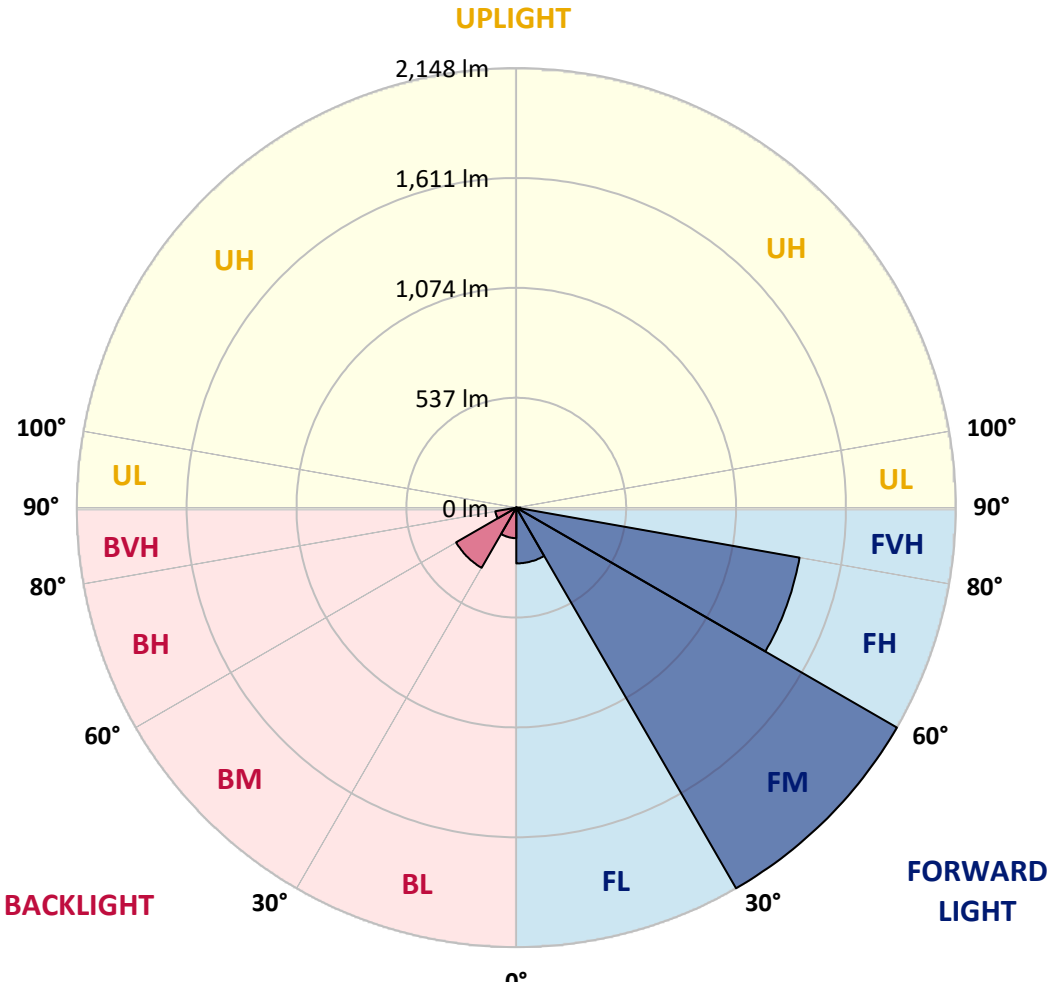
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	272.7	6.1			
FM	(30°-60°)	2148.1	48.4			
FH	(60°-80°)	1405.6	31.7			G1/1800
FVH	(80°-90°)	19.9	0.4			G1/100
BL	(0°-30°)	149.1	3.4	B1/500		
BM	(30°-60°)	339.4	7.6	B1/1000		
BH	(60°-80°)	104.2	2.3	B0/110		G0/110
BVH	(80°-90°)	1.0	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°	516.4	516.4	516.4	516.4	516.4	516.4	516.4	*516.4*	516.4	516.4	516.4
2.5°	514.6	518.2	517.3	516.4	516.1	516.7	517.0	*516.7*	516.7	516.7	517.0
5°	504.8	507.8	507.8	509.9	512.8	516.4	519.1	*519.7*	520.3	521.2	520.9
7.5°	486.1	488.4	490.2	497.1	504.5	514.0	522.1	*526.2*	526.8	530.1	531.3
10°	473.3	476.2	479.2	486.4	497.1	511.4	525.0	*535.2*	536.7	544.4	548.0
12.5°	472.7	475.6	479.5	487.2	499.7	514.9	531.6	*546.2*	548.9	560.2	567.6
15°	478.9	482.5	486.1	495.6	509.0	527.4	545.3	*563.4*	566.1	582.2	590.2
17.5°	491.7	496.5	499.2	508.7	523.0	543.5	567.0	*587.9*	590.2	609.0	619.1
20°	517.0	522.7	523.6	531.3	545.3	567.3	595.3	*621.2*	624.2	645.6	656.9
22.5°	569.4	577.4	570.3	574.2	586.7	608.7	639.0	*671.8*	676.0	700.4	710.5
25°	661.7	673.0	654.5	648.0	653.3	676.3	714.4	*755.7*	760.5	780.1	785.2
27.5°	842.9	828.4	800.4	773.0	756.9	770.0	812.9	*864.1*	870.0	889.1	883.1
30°	1042.1	1029.3	991.5	930.7	892.6	890.6	930.1	*987.3*	994.1	1012.3	994.1
32.5°	1241.5	1229.3	1188.2	1113.5	1047.4	1014.7	1042.1	*1105.5*	1109.0	1120.6	1093.9
35°	1437.6	1425.1	1384.1	1307.6	1226.3	1151.9	1146.5	*1218.0*	1219.2	1231.4	1191.5
37.5°	1635.0	1624.6	1580.8	1505.8	1425.7	1323.0	1273.3	*1324.5*	1326.0	1337.9	1296.6
40°	1775.8	1780.2	1750.2	1692.1	1623.4	1511.2	1415.6	*1437.9*	1429.0	1448.9	1424.2
42.5°	1896.6	1905.5	1879.3	1850.2	1810.3	1711.5	1591.8	*1587.9*	1573.7	1584.4	1558.8
45°	2001.1	2008.5	1985.0	1978.2	1977.3	1907.9	1784.4	*1761.2*	1741.2	1739.2	1708.5
47.5°	2039.5	2053.8	2063.9	2086.8	2131.5	2102.3	1983.5	*1947.5*	1925.2	1908.8	1860.3
50°	2054.1	2069.2	2103.8	2170.4	2276.1	2288.6	2181.8	*2141.3*	2113.9	2084.1	2012.7
52.5°	2034.4	2061.5	2107.9	2220.2	2373.4	2438.0	2372.0	*2336.5*	2305.3	2256.8	2150.8
55°	1918.6	1945.7	2040.7	2219.6	2422.0	2542.8	2551.7	*2536.0*	2500.8	2424.3	2262.4
57.5°	1674.6	1714.7	1865.1	2144.0	2421.1	2633.0	2727.9	*2739.2*	2700.0	2590.4	2350.2
60°	1336.4	1390.9	1574.3	1976.4	2346.4	2681.8	2882.4	*2939.0*	2897.3	2754.1	2421.4
62.5°	932.5	995.6	1169.2	1713.9	2175.5	2646.7	2995.2	*3099.7*	3068.1	2900.6	2448.7
65°	*568.8*	*589.0*	*728.9*	*1348.6*	*1885.0*	*2499.6*	*3030.0*	*3186.6*	*3176.2*	*2990.2*	*2408.3*
67.5°	378.9	395.9	436.1	924.8	1463.2	2205.9	2946.7	*3171.4*	3174.4	2975.6	2260.0
70°	228.3	242.9	269.1	537.8	948.3	1746.0	2688.6	*2978.0*	2995.2	2780.6	1979.1
72.5°	94.1	103.9	127.7	243.8	491.1	1108.1	2141.0	*2556.8*	2597.0	2338.0	1518.9
75°	53.3	58.3	75.0	122.3	213.1	516.4	1296.8	*1815.1*	1874.3	1611.5	913.8
77.5°	35.4	37.8	48.5	79.2	120.0	176.2	554.2	*945.6*	1058.7	880.1	395.6
80°	23.8	25.9	33.3	53.0	78.0	75.6	176.5	*350.3*	431.0	302.4	96.4
82.5°	16.1	16.4	23.8	34.8	49.4	36.6	52.1	*108.9*	136.9	87.5	36.6
85°	9.2	8.9	17.6	20.2	22.0	15.2	15.8	*32.7*	42.9	36.9	20.8
87.5°	1.2	1.8	6.8	5.4	3.0	3.3	3.3	*5.7*	8.3	8.9	4.5
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°	516.4	516.4	516.4	516.4	516.4	516.4	516.4	516.4	516.4	516.4	516.4
2.5°	517.0	516.7	515.8	514.9	512.8	511.7	512.3	511.7	511.4	511.7	512.8
5°	520.9	520.0	517.6	514.6	510.5	505.4	502.1	497.4	492.9	490.2	490.8
7.5°	531.3	530.4	527.1	518.8	505.4	484.3	464.9	448.0	435.2	427.7	428.0
10°	548.0	546.5	541.4	523.0	487.8	441.7	403.3	371.5	350.6	340.8	339.9
12.5°	567.6	565.8	556.9	519.1	454.5	382.5	329.5	294.1	274.7	266.1	265.2
15°	590.8	588.4	570.9	500.6	406.0	317.0	268.5	242.0	229.5	221.7	222.0
17.5°	619.7	615.5	581.3	473.0	353.3	267.0	231.0	211.0	200.0	192.6	192.0
20°	657.2	650.4	589.6	439.9	304.8	235.4	205.7	189.0	180.7	174.1	172.9
22.5°	709.6	699.8	599.8	404.2	270.6	213.7	186.9	174.7	167.9	160.4	159.2
25°	774.5	762.9	612.3	371.2	247.0	195.0	173.2	163.1	155.1	146.4	145.5
27.5°	865.3	844.4	627.1	344.1	226.8	178.9	160.7	149.4	140.2	133.0	131.6
30°	966.5	932.2	640.2	327.7	208.4	164.0	144.4	133.0	124.4	119.4	118.5
32.5°	1062.3	1015.9	648.9	320.6	191.7	147.0	126.5	114.3	107.7	106.3	107.2
35°	1152.8	1091.5	648.0	313.7	176.8	130.1	108.9	96.4	91.4	92.3	92.3
37.5°	1257.0	1172.1	641.7	303.0	164.6	114.6	93.8	82.7	78.3	78.6	79.8
40°	1378.1	1265.3	637.9	282.8	151.2	100.3	81.3	72.3	69.1	67.9	67.6
42.5°	1507.3	1355.5	638.5	259.8	134.5	87.5	72.6	65.2	62.2	61.3	61.0
45°	1637.1	1441.5	639.3	236.0	117.0	77.7	66.4	60.1	58.3	57.1	57.1
47.5°	1759.1	1514.7	622.7	210.4	99.7	70.2	61.3	57.1	55.7	54.2	54.2
50°	1872.8	1563.5	582.5	180.7	86.0	64.3	57.4	54.5	53.0	51.5	51.5
52.5°	1961.2	1571.3	516.1	150.0	76.5	59.8	55.1	52.4	50.6	49.1	48.8
55°	2000.5	1522.8	421.8	121.4	69.1	56.0	52.7	50.0	47.9	46.4	46.1
57.5°	1990.4	1420.7	328.9	97.6	61.9	52.1	49.7	47.9	45.5	43.2	42.9
60°	1940.7	1284.1	247.9	81.3	55.4	47.9	46.4	44.9	41.7	38.1	37.5
62.5°	1854.6	1112.3	176.8	67.3	48.2	43.2	42.6	41.4	36.6	30.1	29.5
65°	*1723.1*	*903.7*	*119.1*	*56.0*	*41.4*	*37.8*	*38.1*	*36.0*	*29.8*	*22.3*	*21.7*
67.5°	1530.8	660.8	76.2	45.8	34.5	31.6	31.8	30.7	25.3	19.0	18.2
70°	1285.8	437.5	49.7	34.8	27.7	24.4	26.2	26.5	21.4	15.5	14.9
72.5°	942.6	258.4	34.8	25.9	20.2	17.0	21.4	22.0	17.3	11.6	11.0
75°	537.3	122.6	26.2	18.8	12.5	11.9	16.7	16.7	11.9	7.7	7.1
77.5°	225.6	51.2	18.5	12.2	7.1	6.8	11.3	10.4	6.0	3.6	3.6
80°	65.2	22.9	9.8	6.0	3.0	2.7	4.5	3.3	1.5	0.6	0.6
82.5°	25.6	10.1	3.9	2.4	1.2	1.2	0.6	0.0	0.0	0.0	0.0
85°	15.2	4.2	1.8	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.9	0.9	0.6	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)