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: P1201517

Luminaire Tested: GWC-SB1B-735-U-T4FT

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201517
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-24)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1B-735-U-T4FT
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV FORWARD THROW OPT
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5595 lumens
Efficiency:	N/A
Efficacy:	140.6 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):	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

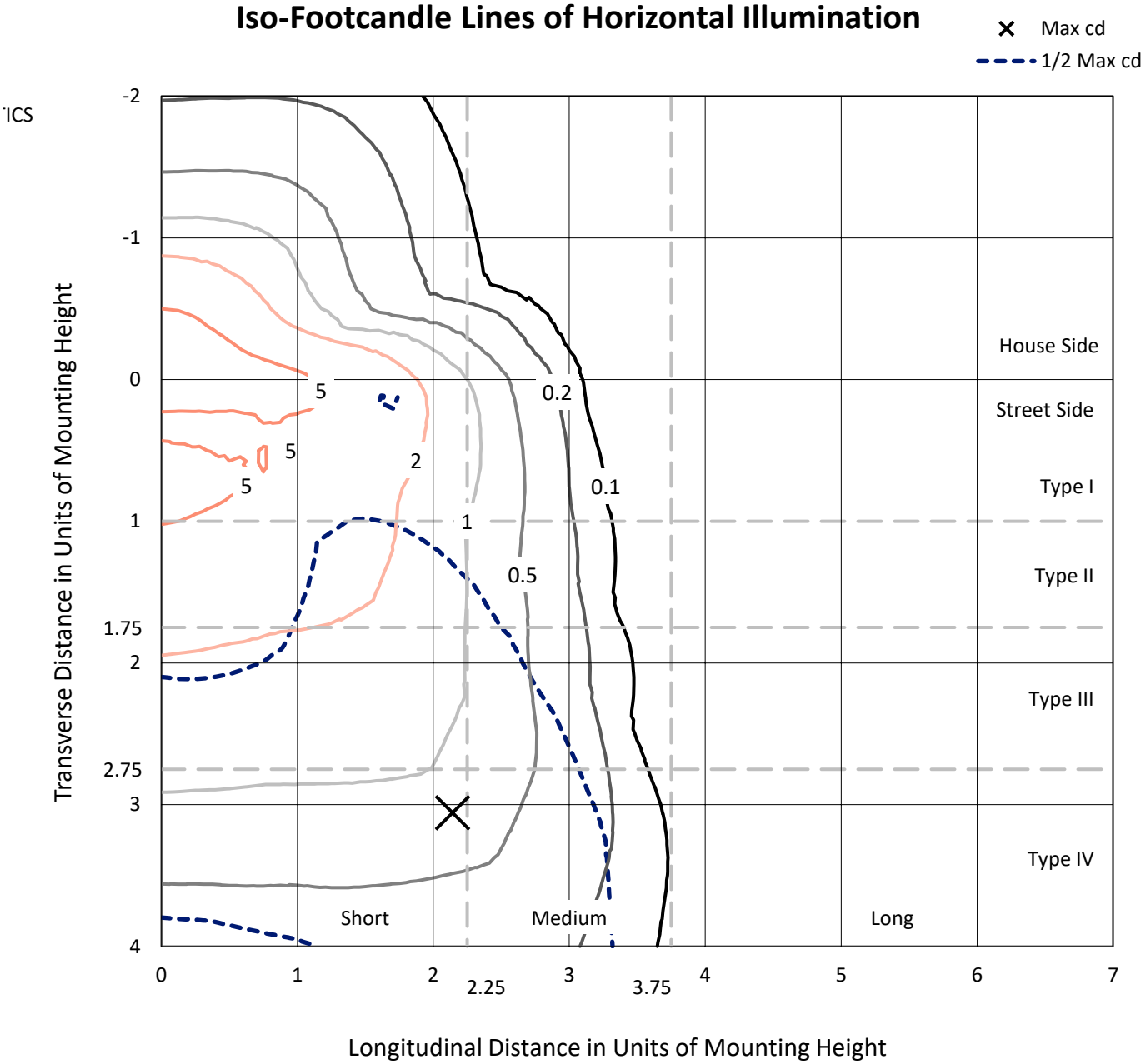


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Iso-Footcandle Lines of Horizontal Illumination



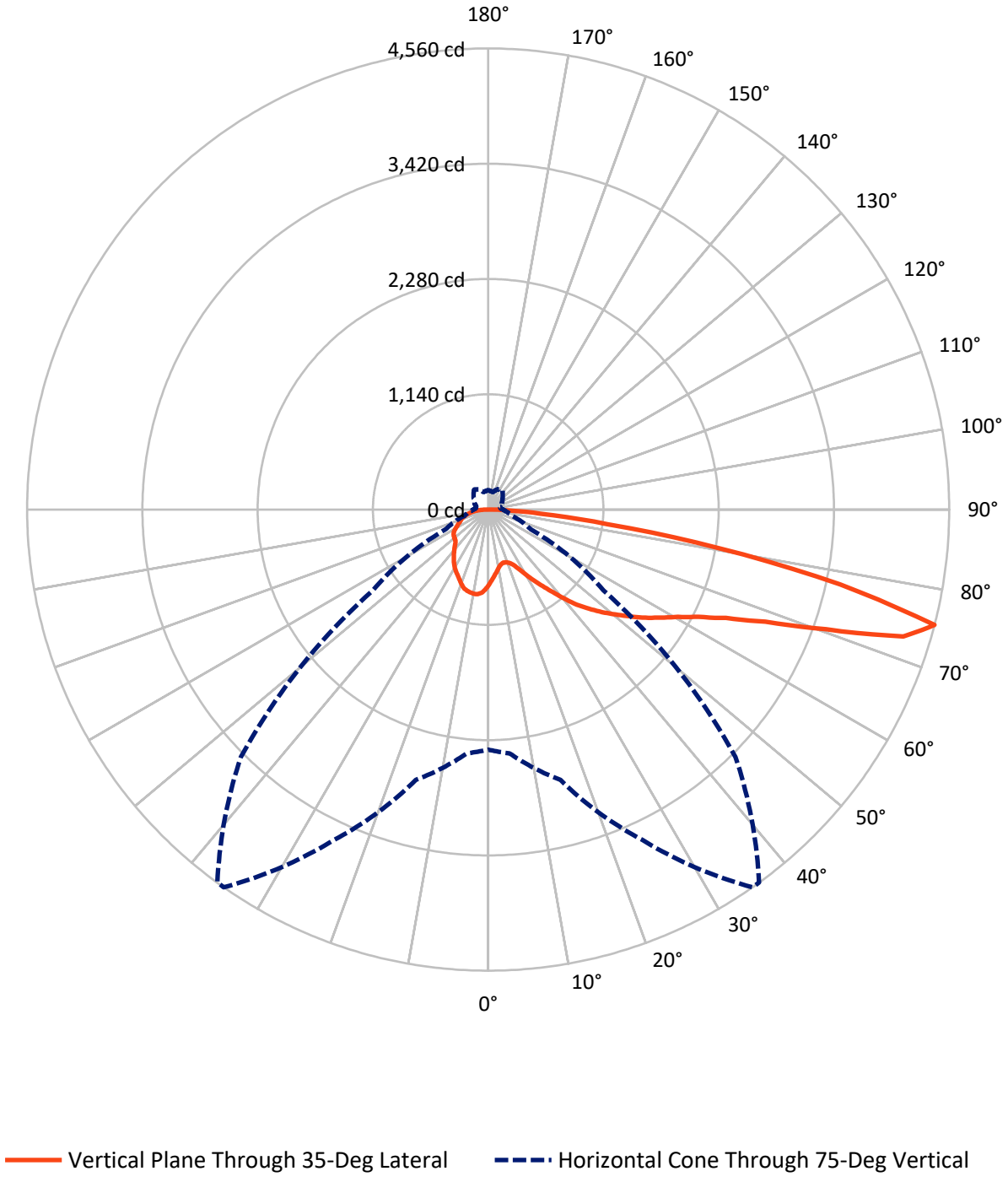
Based on 10 foot mounting height. Maximum calculated value = 8.2 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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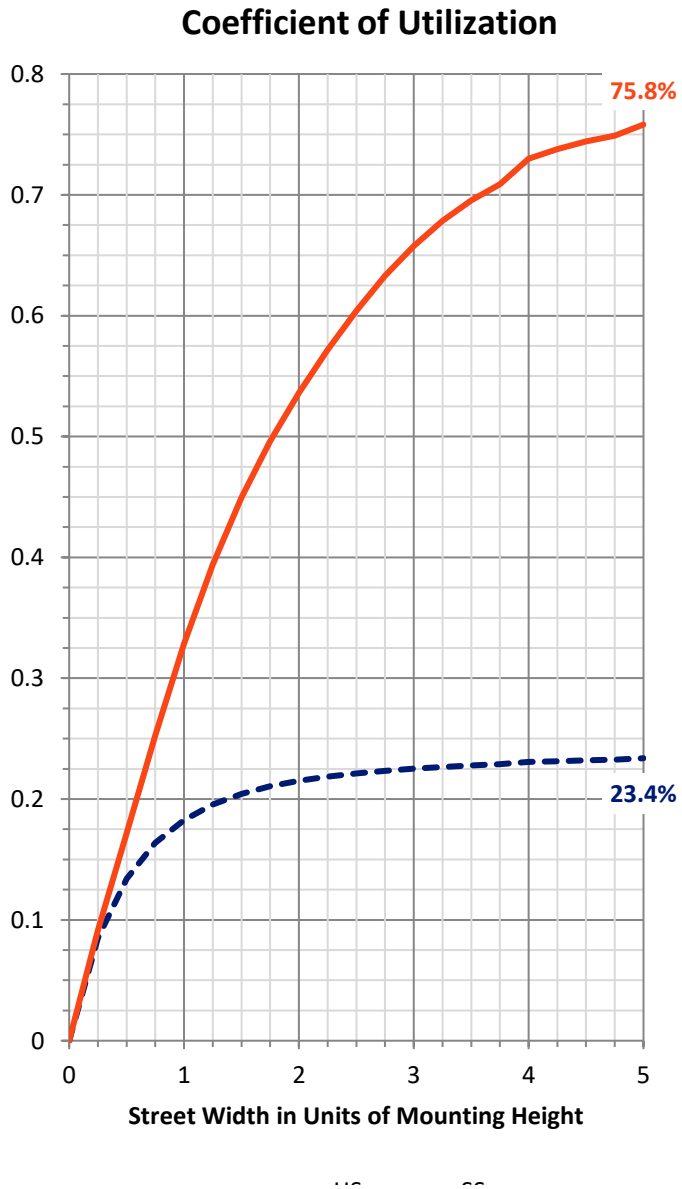
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1331.5	0.0	1331.5
	% Fixture	23.8	0.0	23.8
Street Side	Lumens	4263.5	0.0	4263.5
	% Fixture	76.2	0.0	76.2
Total	Lumens	5595.0	0.0	5595.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.6	1.3
10°-20°	203.6	3.6
20°-30°	341.9	6.1
30°-40°	531.4	9.5
40°-50°	788.7	14.1
50°-60°	1088.9	19.5
60°-70°	1321.1	23.6
70°-80°	1091.8	19.5
80°-90°	157.0	2.8
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°	5595.0	100.0
0°-180°	5595.0	100.0



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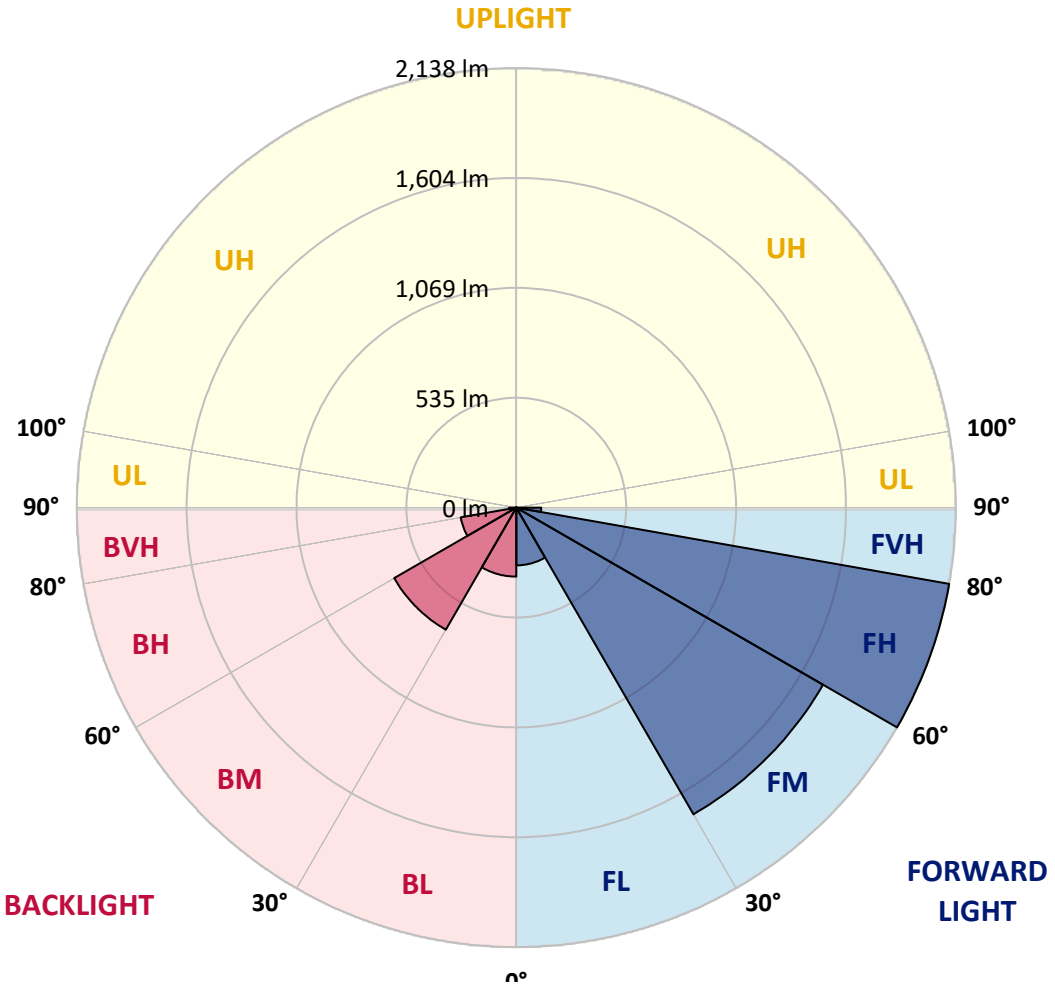
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	280.6	5.0			
FM	(30°-60°)	1723.0	30.8			
FH	(60°-80°)	2138.3	38.2			G2/5000
FVH	(80°-90°)	121.7	2.2			G2/225
BL	(0°-30°)	335.5	6.0	B1/500		
BM	(30°-60°)	686.1	12.3	B1/1000		
BH	(60°-80°)	274.5	4.9	B1/500		G1/500
BVH	(80°-90°)	35.4	0.6			G1/100
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°	35°	36°	45°	55°	65°	75°	85°
0°	745.6	745.6	745.6	745.6	*745.6*	745.6	745.6	745.6	745.6	745.6	745.6
2.5°	687.5	691.7	693.5	692.6	*697.2*	696.6	702.9	710.8	721.7	732.3	747.7
5°	634.6	639.1	643.0	646.7	*655.4*	658.2	668.1	683.3	703.2	723.5	748.9
7.5°	585.3	589.2	595.2	601.9	*616.7*	619.4	636.1	659.7	687.5	717.1	752.2
10°	545.0	549.0	555.3	562.9	*581.3*	584.7	605.8	637.3	673.6	711.1	755.9
12.5°	527.8	529.0	532.6	540.2	*556.2*	558.3	581.6	617.6	660.0	706.6	761.3
15°	526.9	529.3	529.6	533.5	*546.9*	547.8	569.2	604.9	651.5	705.6	769.5
17.5°	536.0	537.8	535.1	537.5	*548.7*	550.2	567.1	598.9	648.8	709.6	783.4
20°	560.2	561.7	553.5	550.2	*558.3*	559.6	576.2	602.8	651.5	717.7	802.4
22.5°	611.6	612.5	592.5	578.9	*579.5*	580.1	594.6	618.8	662.1	732.6	826.6
25°	691.7	691.1	659.4	633.1	*617.9*	614.6	624.3	644.9	679.9	752.2	857.8
27.5°	785.5	781.0	749.2	709.9	*676.9*	672.1	670.0	678.7	705.3	778.2	895.9
30°	891.4	887.1	852.9	801.5	*755.9*	748.0	728.0	723.5	743.2	813.6	948.8
32.5°	1007.5	1004.8	963.9	901.6	*840.5*	831.5	797.9	785.8	801.2	867.2	1022.6
35°	1104.9	1102.5	1068.6	1004.5	*929.8*	918.6	884.4	870.8	878.7	935.8	1119.1
37.5°	1192.9	1191.7	1162.7	1112.2	*1035.0*	1021.4	983.0	978.5	977.0	1026.3	1236.2
40°	1274.6	1271.6	1241.3	1214.7	*1157.5*	1145.1	1111.2	1107.3	1095.8	1137.6	1368.6
42.5°	1365.0	1357.2	1313.3	1300.9	*1285.5*	1275.2	1254.9	1255.5	1230.1	1263.1	1509.0
45°	1438.8	1434.3	1389.2	1382.0	*1398.6*	1394.4	1411.9	1416.4	1367.1	1394.7	1654.8
47.5°	1518.1	1513.8	1475.7	1470.6	*1515.6*	1516.9	1578.9	1580.4	1500.8	1531.4	1800.9
50°	1615.8	1609.7	1571.9	1578.3	*1628.8*	1633.3	1746.7	1736.4	1623.9	1670.2	1945.7
52.5°	1680.2	1683.8	1675.6	1685.9	*1754.9*	1759.1	1911.9	1885.6	1745.8	1807.2	2087.9
55°	1727.7	1734.9	1760.3	1783.9	*1888.0*	1892.2	2067.6	2027.4	1846.8	1934.3	2221.6
57.5°	1788.8	1778.5	1826.0	1871.9	*2014.4*	2025.6	2219.2	2164.1	1936.4	2043.7	2313.2
60°	1876.5	1869.2	1906.1	1974.2	*2156.0*	2173.8	2379.5	2287.2	2002.0	2130.6	2331.1
62.5°	2054.3	2036.2	2041.9	2102.1	*2334.4*	2358.0	2560.4	2394.6	2034.7	2164.4	2235.5
65°	2320.2	2289.0	2260.0	2301.7	*2585.8*	2609.0	2764.5	2479.0	2022.6	2098.8	1981.7
67.5°	2655.0	2624.2	2588.5	2627.8	*2956.0*	2974.4	3016.5	2526.5	1927.3	1845.9	1533.2
70°	2931.2	2919.7	2962.3	3124.1	*3547.3*	3547.9	3339.5	2487.2	1666.3	1308.8	887.1
72.5°	2894.6	2887.6	3112.3	3612.6	*4292.6*	4276.5	3645.3	2189.5	1122.4	590.4	332.4
75°	*2374.6*	*2419.7*	*2767.8*	*3603.8*	*4560.2*	*4558.1*	*3458.1*	*1391.9*	*464.3*	*244.7*	*171.8*
77.5°	1273.4	1344.8	1796.9	2660.8	*3560.0*	3613.5	2431.2	487.0	199.3	156.7	118.9
80°	415.3	477.6	716.2	1354.7	*2313.2*	2303.3	1042.0	191.2	136.4	111.0	82.3
82.5°	176.3	183.6	320.0	639.7	*1187.2*	1168.7	331.8	109.8	95.9	75.9	50.8
85°	69.0	77.1	141.3	295.8	*514.2*	503.0	119.8	54.4	61.4	49.6	30.2
87.5°	22.7	27.5	50.5	101.3	*160.0*	154.3	29.3	18.8	26.6	22.7	10.9
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°	745.6	745.6	745.6	745.6	745.6	745.6	745.6	745.6	745.6	745.6	745.6
2.5°	751.9	756.8	762.5	771.0	778.2	784.3	790.6	794.6	796.1	800.6	800.3
5°	757.4	768.0	782.2	796.1	809.7	817.9	825.1	828.7	832.1	834.5	835.1
7.5°	766.4	780.1	802.4	820.6	832.1	838.7	843.6	842.4	843.6	844.2	845.1
10°	774.3	793.4	820.0	837.2	846.0	846.3	845.1	840.8	838.7	839.0	839.6
12.5°	783.7	804.9	833.6	848.1	850.5	843.9	838.7	831.5	828.7	827.5	826.9
15°	796.4	820.6	848.4	853.9	847.8	839.3	830.6	818.8	812.7	807.9	809.4
17.5°	811.8	838.4	859.9	856.0	843.0	829.1	814.8	797.0	784.6	779.4	779.7
20°	833.3	857.2	868.7	851.4	831.8	810.6	786.4	764.6	753.1	748.0	747.4
22.5°	859.3	882.3	877.1	843.6	815.7	781.9	751.6	735.6	729.8	726.2	726.8
25°	890.5	910.1	883.2	832.1	789.4	743.8	720.5	715.3	712.6	709.9	709.9
27.5°	931.0	941.6	887.7	815.1	748.3	703.2	694.8	695.7	694.8	690.2	691.1
30°	984.5	982.4	892.0	787.6	701.1	666.6	667.2	671.2	671.8	668.7	670.3
32.5°	1055.0	1033.5	894.1	751.9	656.0	634.6	635.2	639.4	642.4	637.3	639.7
35°	1140.3	1093.1	890.8	707.2	621.3	604.0	599.5	600.7	601.6	596.8	600.1
37.5°	1239.8	1159.9	875.9	657.6	592.5	574.1	564.4	556.2	551.4	546.9	549.9
40°	1349.0	1232.8	848.7	609.2	560.5	542.3	527.8	512.4	496.0	490.0	492.7
42.5°	1463.3	1307.9	815.7	562.9	523.6	508.7	493.3	470.9	446.4	434.0	435.5
45°	1581.9	1384.7	783.4	517.2	485.8	479.4	461.6	434.6	408.0	392.3	391.1
47.5°	1698.0	1457.3	735.9	471.2	450.4	457.3	443.4	418.6	389.0	364.2	361.4
50°	1809.0	1525.3	658.2	424.7	421.6	450.7	437.4	401.7	367.8	336.0	333.3
52.5°	1919.1	1580.4	558.6	382.3	406.2	448.9	429.5	390.2	348.7	315.5	311.8
55°	2012.6	1608.8	462.8	346.0	383.8	433.4	420.1	376.6	321.8	286.4	283.4
57.5°	2065.8	1585.8	382.9	310.3	353.0	408.0	404.1	347.5	289.8	262.5	258.9
60°	2042.8	1492.7	317.6	279.2	323.6	380.5	376.3	318.8	265.3	239.6	235.9
62.5°	1916.1	1315.1	265.9	252.0	297.0	352.4	348.4	296.7	246.5	221.7	217.8
65°	1660.8	1069.8	225.6	229.3	270.1	318.5	324.2	278.3	231.7	207.5	203.6
67.5°	1266.7	774.9	194.2	209.6	243.8	285.2	301.9	265.0	219.3	196.3	192.7
70°	722.0	440.1	167.6	190.6	220.5	254.4	284.6	254.4	206.0	186.9	184.5
72.5°	273.7	202.0	144.9	171.5	198.1	228.4	265.6	237.7	190.6	176.3	173.9
75°	*146.1*	*123.1*	*121.9*	*149.1*	*172.4*	*203.0*	*241.7*	*221.4*	*179.1*	*186.3*	*192.4*
77.5°	99.5	87.1	101.9	127.6	144.3	174.8	216.3	196.6	155.2	154.6	142.5
80°	69.0	61.7	82.9	102.8	111.6	147.0	188.7	168.8	126.4	118.0	112.8
82.5°	41.4	40.2	62.0	76.8	78.9	113.4	156.4	141.6	103.4	90.1	90.7
85°	22.7	23.9	39.6	45.1	46.0	79.2	122.5	109.5	79.5	66.8	67.4
87.5°	6.4	8.2	14.5	17.8	22.1	41.1	72.9	65.0	39.9	27.8	27.8
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)