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: P1201969

Luminaire Tested: GWC-SB1C-827-U-SL4

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201969
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-9)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1C-827-U-SL4
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6490 lumens
Efficiency:	N/A
Efficacy:	119.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B2 - 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

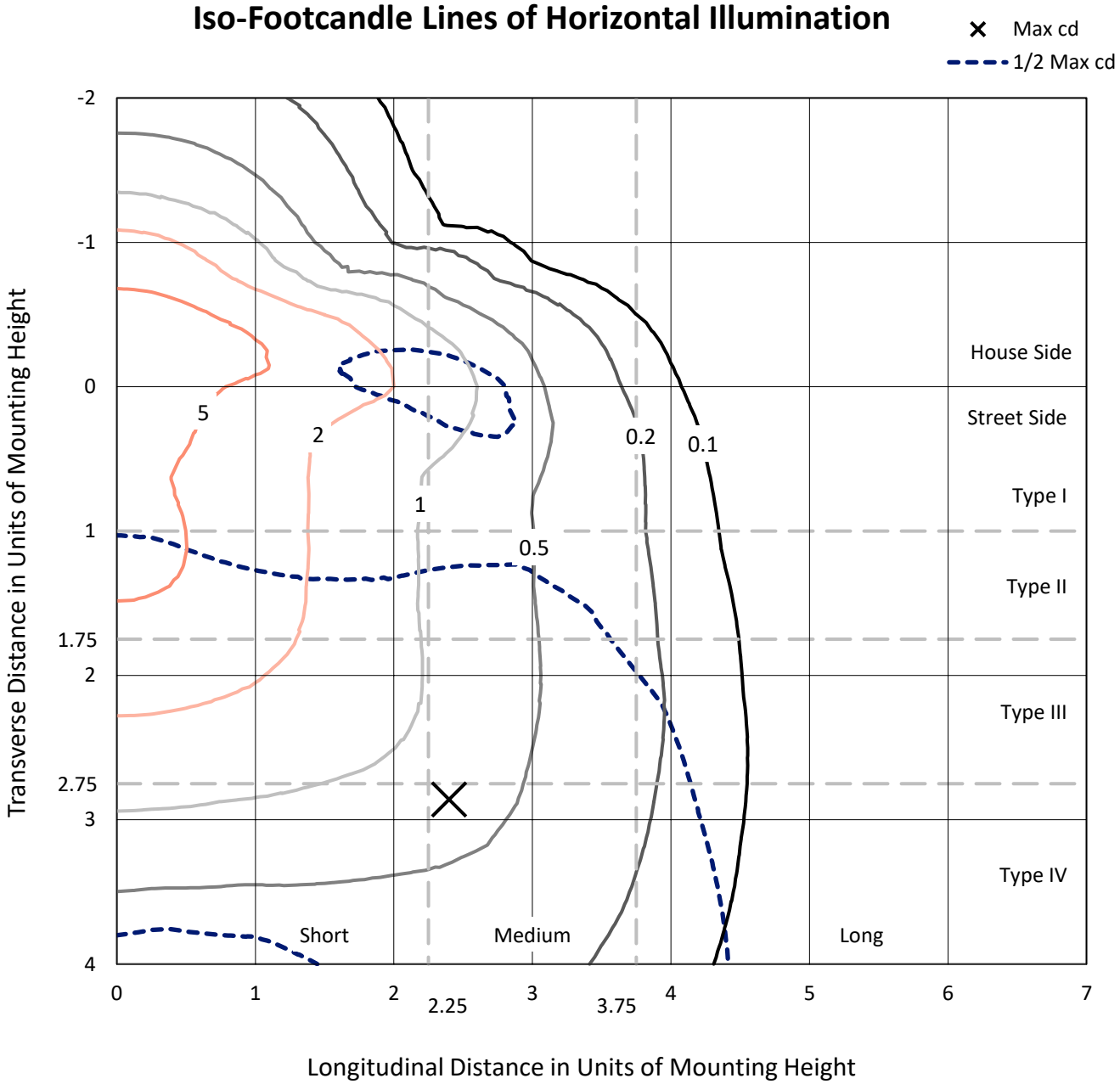


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Iso-Footcandle Lines of Horizontal Illumination



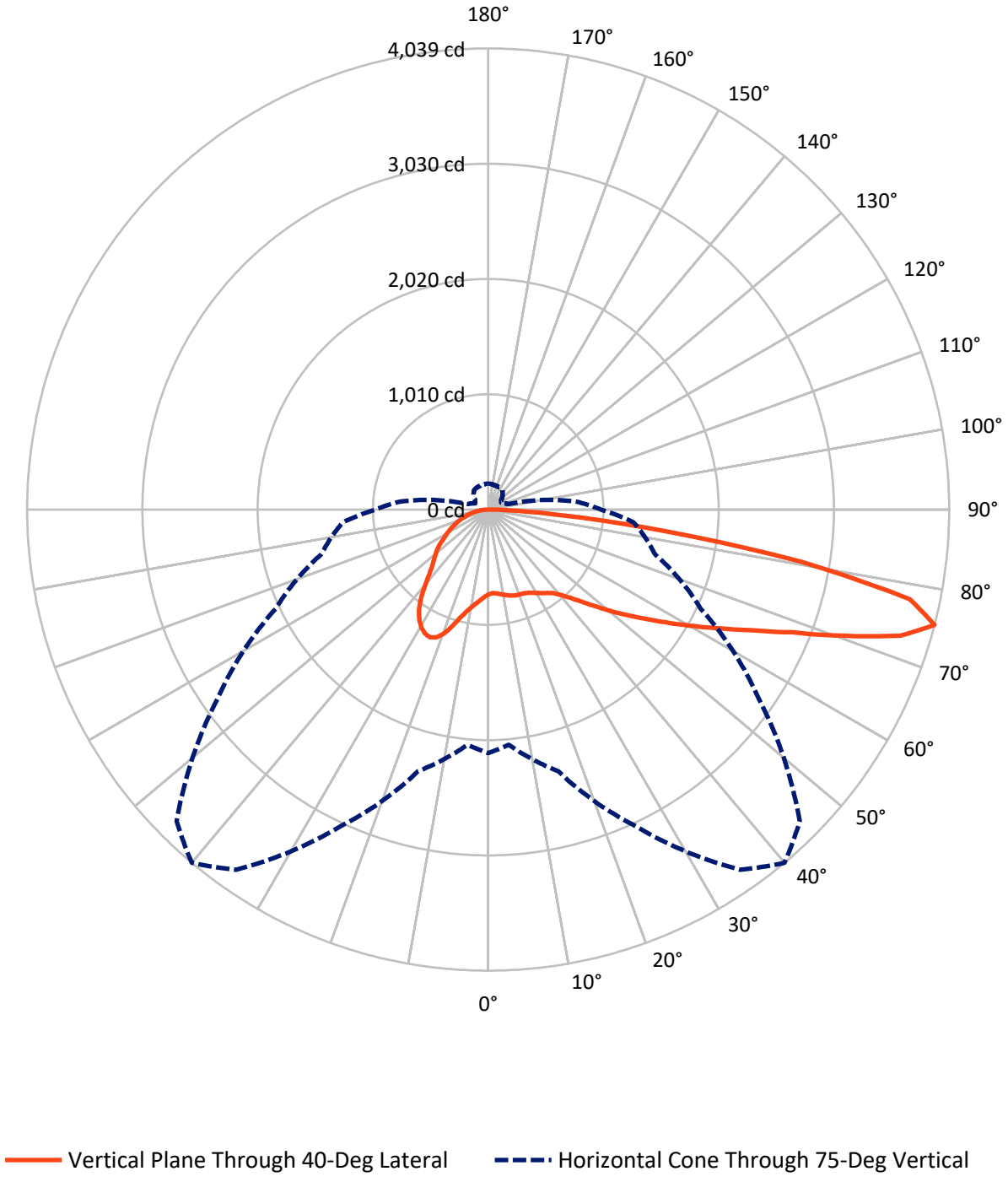
Based on 10 foot mounting height. Maximum calculated value = 9.6 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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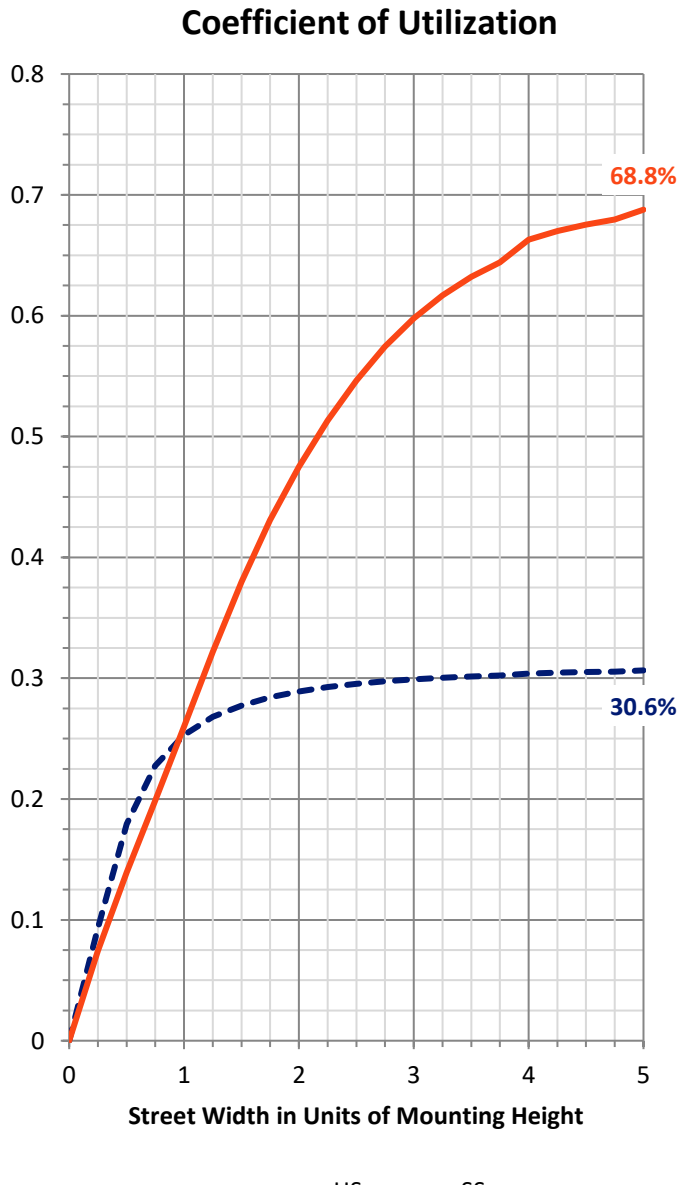
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2010.8	0.0	2010.8
	% Fixture	31.0	0.0	31.0
Street Side	Lumens	4479.2	0.0	4479.2
	% Fixture	69.0	0.0	69.0
Total	Lumens	6490.0	0.0	6490.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.1	1.1
10°-20°	248.7	3.8
20°-30°	454.1	7.0
30°-40°	644.1	9.9
40°-50°	869.7	13.4
50°-60°	1170.0	18.0
60°-70°	1485.0	22.9
70°-80°	1347.7	20.8
80°-90°	196.5	3.0
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°	6490.0	100.0
0°-180°	6490.0	100.0



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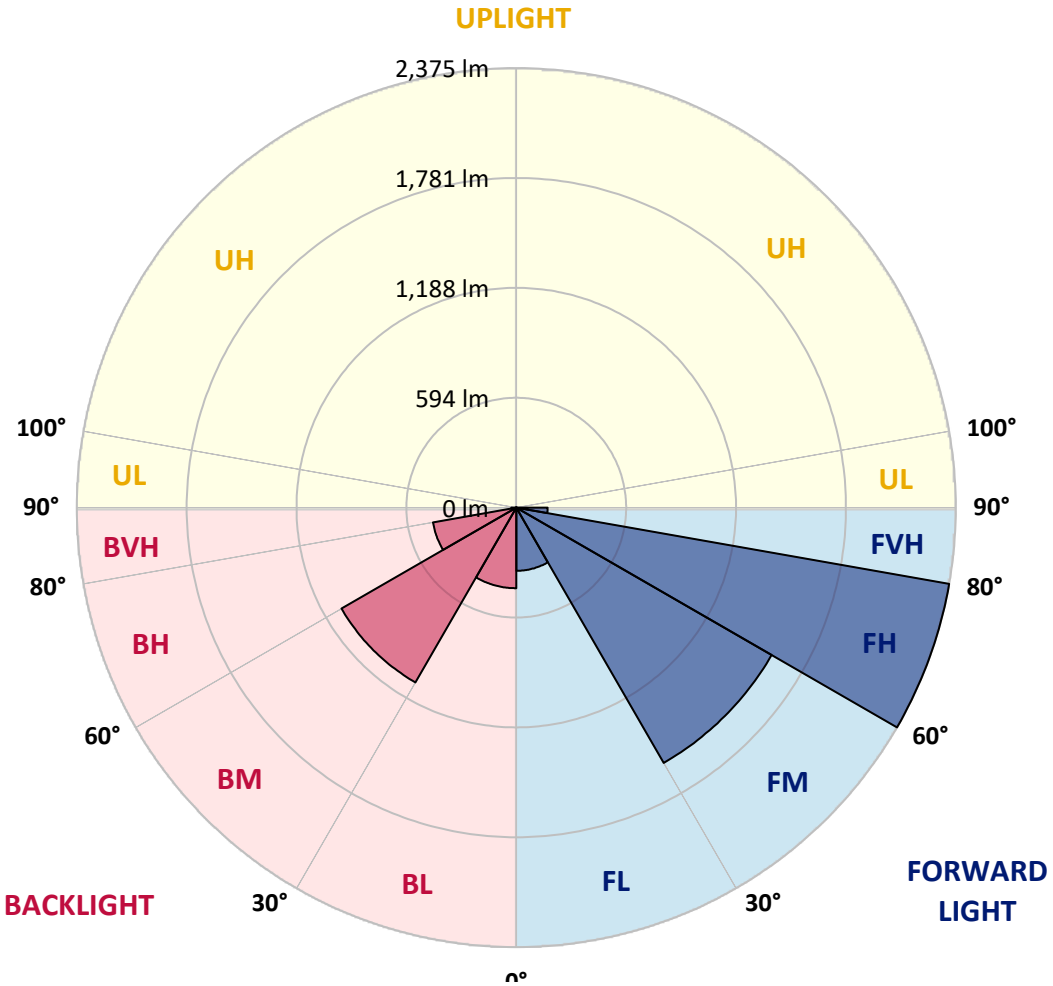
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	341.4	5.3			
FM	(30°-60°)	1593.2	24.5			
FH	(60°-80°)	2375.2	36.6			G2/5000
FVH	(80°-90°)	169.4	2.6			G2/225
BL	(0°-30°)	435.6	6.7	B1/500		
BM	(30°-60°)	1090.7	16.8	B2/2500		
BH	(60°-80°)	457.5	7.0	B1/500		G1/500
BVH	(80°-90°)	27.1	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	742.1	742.1	742.1	742.1	742.1	*742.1*	742.1	742.1	742.1	742.1	742.1
2.5°	730.8	734.9	733.9	732.5	732.5	*732.8*	732.5	734.9	737.3	739.7	743.5
5°	738.4	742.5	740.4	738.7	737.3	*737.0*	735.9	735.6	737.0	740.1	745.2
7.5°	753.2	757.3	754.2	751.1	748.3	*747.0*	745.6	743.5	742.5	744.2	751.4
10°	769.7	773.8	770.0	764.5	760.0	*758.3*	756.9	754.9	753.5	754.5	762.4
12.5°	786.2	790.3	785.2	777.6	771.7	*770.7*	769.0	768.3	768.0	767.6	775.5
15°	801.7	805.1	798.6	789.6	783.4	*781.7*	780.0	781.0	782.8	784.8	793.8
17.5°	813.7	817.2	807.5	795.8	790.0	*789.3*	788.3	791.7	796.5	801.7	812.7
20°	824.8	828.2	815.8	800.0	793.1	*793.1*	793.4	800.7	807.5	815.1	830.3
22.5°	840.2	843.0	827.9	806.2	796.2	*796.9*	799.6	806.9	815.5	825.8	846.8
25°	863.3	865.4	846.8	817.9	806.5	*808.6*	811.0	814.4	822.7	834.7	863.0
27.5°	900.5	902.2	877.8	838.5	821.3	*824.8*	828.2	825.8	829.6	839.9	876.0
30°	952.8	953.8	922.9	870.9	846.4	*848.2*	848.8	838.9	831.6	839.9	885.3
32.5°	1014.8	1014.4	977.6	910.1	875.0	*873.3*	867.4	847.8	830.9	838.2	893.6
35°	1110.8	1107.0	1059.5	965.2	907.4	*896.7*	882.9	857.8	834.4	836.5	900.8
37.5°	1269.8	1258.1	1192.4	1055.4	955.6	*928.4*	908.1	874.0	842.0	835.8	909.4
40°	1449.2	1434.4	1362.1	1179.0	1027.8	*984.1*	951.4	897.0	854.4	838.9	922.2
42.5°	1661.9	1640.9	1563.1	1324.6	1119.4	*1056.1*	1006.8	926.3	872.6	848.8	939.4
45°	1923.2	1895.3	1785.1	1488.8	1234.7	*1150.4*	1084.6	970.7	900.5	868.1	965.2
47.5°	2187.2	2194.1	2037.4	1676.7	1373.1	*1266.7*	1182.1	1037.5	941.1	899.1	1006.8
50°	2467.7	2472.5	2288.4	1885.0	1530.1	*1398.2*	1291.5	1112.2	997.6	943.2	1069.1
52.5°	2686.6	2687.3	2516.3	2102.8	1693.6	*1542.8*	1409.6	1197.5	1063.0	1001.7	1152.1
55°	2823.6	2821.9	2676.0	2309.0	1881.5	*1694.6*	1540.4	1294.6	1142.8	1070.5	1256.4
57.5°	2923.1	2918.0	2786.1	2486.3	2081.8	*1873.9*	1688.4	1404.8	1237.1	1152.5	1393.8
60°	2961.0	2957.9	2860.8	2639.5	2292.5	*2072.2*	1859.1	1528.0	1344.2	1249.2	1570.3
62.5°	2975.4	2981.3	2934.1	2787.8	2518.0	*2291.8*	2046.7	1675.3	1464.7	1358.6	1756.6
65°	3026.4	3037.1	3027.4	2982.0	2772.7	*2549.0*	2295.6	1850.5	1596.2	1476.0	1951.0
67.5°	3127.2	3137.9	3142.0	3214.3	3083.9	*2869.4*	2606.1	2068.8	1750.0	1597.9	2097.3
70°	3124.8	3121.7	3194.7	3399.2	3473.5	*3313.1*	3024.7	2337.3	1933.5	1699.1	2115.9
72.5°	2844.3	2819.5	2992.0	3397.1	3797.8	*3776.4*	3535.8	2683.5	2091.8	1711.5	1836.1
75°	*2133.8*	*2067.7*	*2372.4*	*3061.5*	*3851.8*	*4039.4*	*3860.8*	*2898.3*	*2054.3*	*1512.2*	*1277.7*
77.5°	912.5	846.1	1205.1	2266.4	3447.4	*3776.1*	3562.7	2528.6	1639.9	1000.0	627.5
80°	238.9	238.5	364.2	1027.5	2344.5	*2788.5*	2446.4	1633.0	937.0	357.3	173.1
82.5°	98.8	96.4	133.9	399.6	1145.6	*1564.8*	1277.1	728.4	338.4	96.7	57.5
85°	36.8	36.5	65.1	138.0	404.1	*645.4*	467.1	186.2	84.3	47.2	25.8
87.5°	10.3	10.0	14.1	47.8	98.4	*149.4*	79.9	30.6	23.8	18.6	7.6
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°	742.1	742.1	742.1	742.1	742.1	742.1	742.1	742.1	742.1	742.1	742.1
2.5°	744.5	746.3	749.4	751.8	754.9	758.3	763.1	766.2	769.3	771.4	770.0
5°	747.6	751.4	759.4	767.3	776.6	785.2	795.2	802.4	808.2	810.0	810.6
7.5°	754.5	760.7	774.2	787.6	802.4	816.5	830.9	843.3	853.3	857.1	857.5
10°	766.6	774.8	793.8	812.7	832.3	854.0	872.6	890.5	904.6	910.5	910.8
12.5°	781.7	792.1	816.8	843.0	870.2	900.1	924.2	946.3	963.8	971.7	971.7
15°	801.3	814.8	846.4	881.5	921.5	963.1	993.8	1018.2	1037.8	1047.5	1046.8
17.5°	822.7	840.6	880.5	933.5	990.7	1045.4	1081.2	1099.1	1119.4	1128.7	1128.4
20°	843.3	865.4	922.5	999.6	1075.7	1133.9	1162.8	1167.6	1169.0	1170.0	1172.8
22.5°	864.7	894.3	975.2	1082.9	1164.5	1204.8	1208.9	1188.3	1159.3	1145.9	1149.7
25°	888.1	927.3	1044.0	1174.8	1240.9	1245.7	1214.1	1163.8	1109.1	1084.0	1087.7
27.5°	910.8	965.5	1126.6	1262.6	1296.0	1253.7	1185.5	1114.2	1048.2	1021.6	1024.7
30°	933.5	1009.3	1217.9	1339.4	1321.1	1234.0	1140.4	1060.9	994.5	966.6	969.7
32.5°	956.6	1060.2	1322.8	1394.8	1316.6	1192.4	1084.3	1001.0	942.5	913.2	917.0
35°	982.8	1122.8	1422.3	1425.1	1286.7	1131.1	1010.3	929.4	878.5	855.0	860.2
37.5°	1016.8	1202.4	1510.1	1432.6	1234.4	1041.3	918.4	844.7	802.7	792.1	799.6
40°	1059.2	1298.1	1577.2	1420.6	1156.9	932.2	817.9	759.0	735.3	737.7	745.9
42.5°	1114.2	1405.1	1624.4	1389.6	1049.2	819.6	729.7	703.6	714.9	724.6	733.5
45°	1185.8	1516.3	1653.6	1337.0	927.3	724.2	677.8	684.0	692.6	693.6	700.5
47.5°	1277.4	1628.9	1672.9	1257.4	803.1	657.1	644.7	646.1	644.4	637.2	642.7
50°	1391.7	1738.3	1690.1	1152.1	697.4	615.1	598.6	593.8	570.0	546.6	549.7
52.5°	1521.8	1838.8	1697.4	1021.3	615.1	580.0	553.2	522.9	478.5	471.2	473.6
55°	1666.4	1931.8	1678.8	860.6	545.9	534.9	494.3	457.8	453.0	446.8	447.8
57.5°	1839.2	2031.9	1640.9	681.2	475.0	482.3	442.7	446.8	438.2	428.6	426.8
60°	2028.1	2135.5	1574.5	517.7	401.7	416.5	429.2	428.9	426.5	418.6	415.8
62.5°	2198.2	2203.7	1443.7	396.5	337.3	365.6	400.3	400.0	397.9	393.4	391.7
65°	2299.4	2193.4	1225.4	312.2	284.3	323.6	361.1	363.8	364.2	363.8	363.8
67.5°	2281.5	2072.6	926.0	248.5	240.6	280.9	322.2	326.0	328.7	329.4	330.1
70°	2079.1	1807.2	603.8	198.3	201.7	243.4	285.4	289.1	291.6	294.3	295.7
72.5°	1620.6	1328.7	345.6	160.4	167.6	211.0	248.9	253.3	254.7	259.9	262.0
75°	*987.6*	*781.4*	*186.6*	*126.3*	*137.7*	*180.4*	*212.7*	*217.9*	*220.3*	*226.5*	*227.2*
77.5°	469.5	338.4	106.4	98.4	110.8	147.3	179.7	185.5	179.0	182.4	179.7
80°	158.7	125.6	67.1	75.0	84.7	115.0	143.9	149.7	136.0	135.3	133.9
82.5°	55.4	50.9	42.7	49.9	54.7	82.3	108.8	116.3	101.2	100.9	96.0
85°	21.7	20.7	23.8	27.2	32.7	50.6	71.6	75.4	62.3	50.3	49.6
87.5°	4.5	4.8	5.9	6.2	10.0	17.6	25.8	31.7	25.1	21.3	19.6
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)