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: P1201887

Luminaire Tested: GWC-SB1C-735-U-T2

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201887
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-3)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1C-735-U-T2
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE II OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7460 lumens
Efficiency:	N/A
Efficacy:	137.1 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - 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

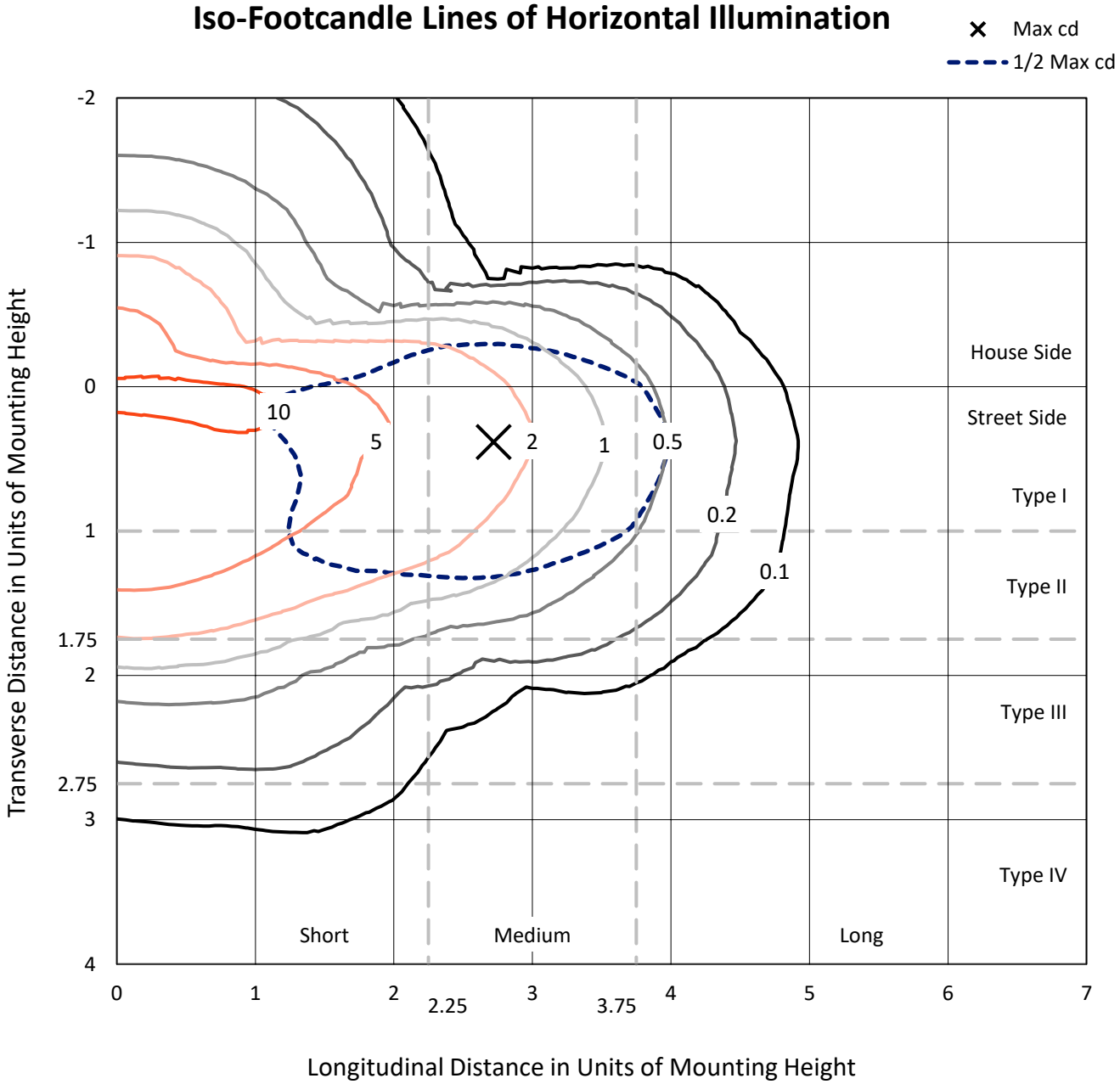


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Iso-Footcandle Lines of Horizontal Illumination



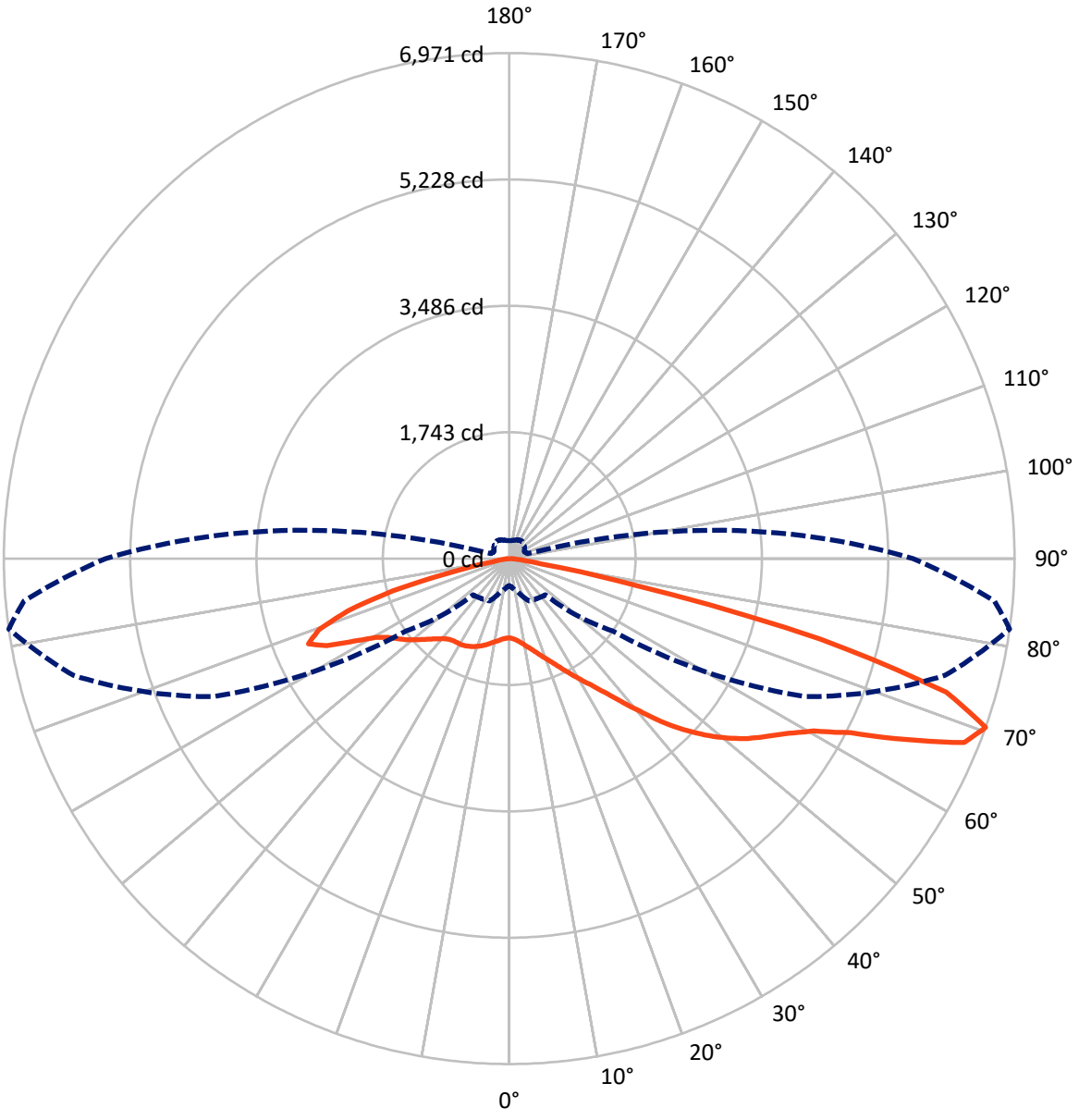
Based on 10 foot mounting height. Maximum calculated value = 12.4 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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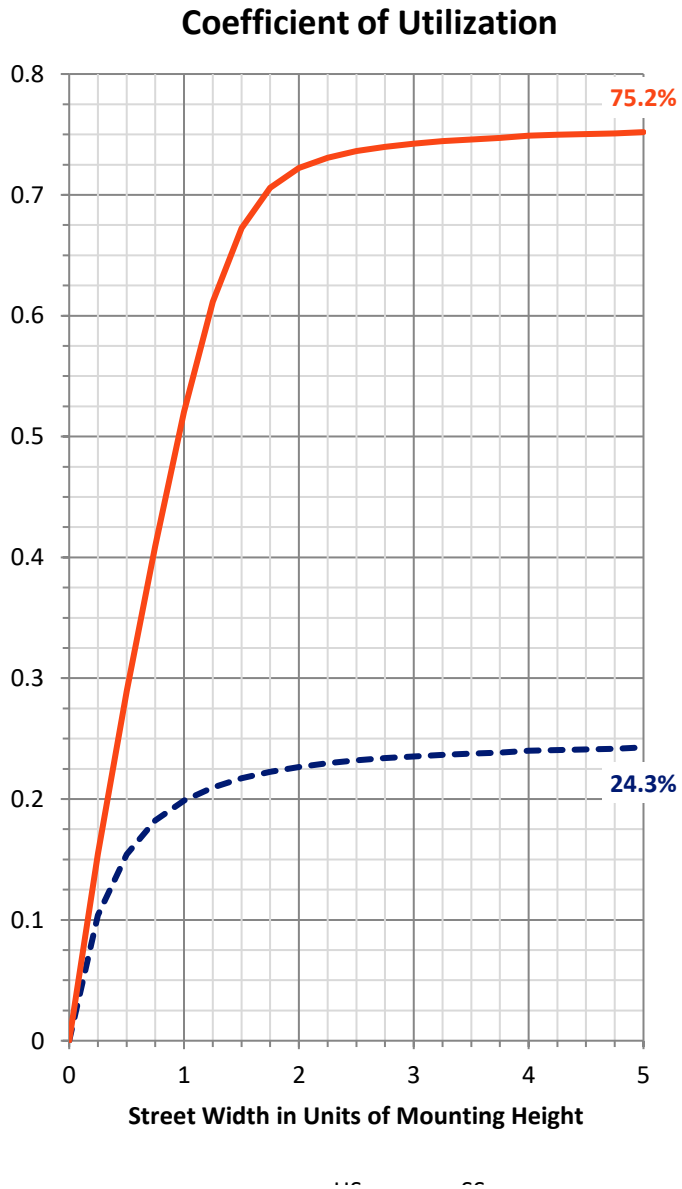
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1839.1	0.0	1839.1
	% Fixture	24.7	0.0	24.7
Street Side	Lumens	5620.9	0.0	5620.9
	% Fixture	75.3	0.0	75.3
Total	Lumens	7460.0	0.0	7460.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	103.3	1.4
10°-20°	296.7	4.0
20°-30°	496.3	6.7
30°-40°	775.4	10.4
40°-50°	1234.9	16.6
50°-60°	1718.6	23.0
60°-70°	1797.7	24.1
70°-80°	939.6	12.6
80°-90°	97.6	1.3
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°	7460.0	100.0
0°-180°	7460.0	100.0



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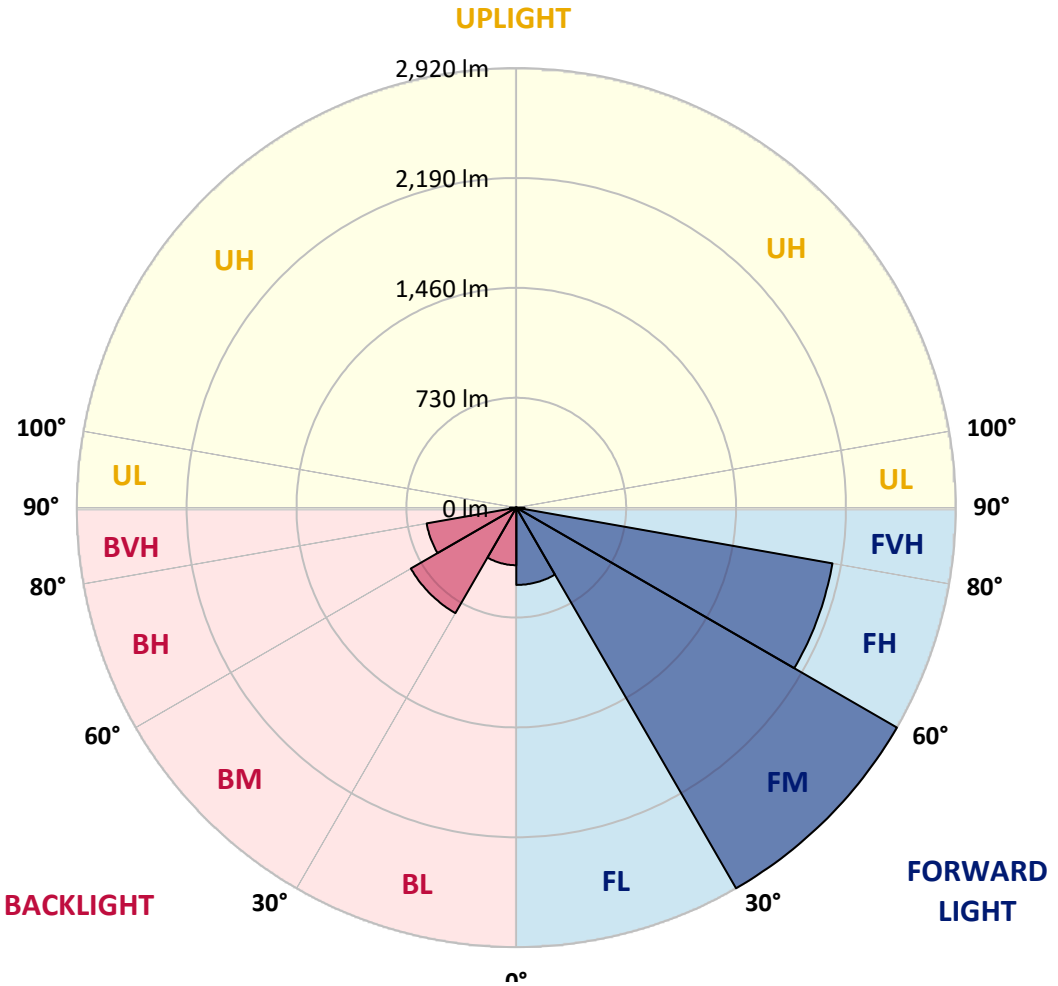
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	513.7	6.9			
FM	(30°-60°)	2919.8	39.1			
FH	(60°-80°)	2132.8	28.6			G2/5000
FVH	(80°-90°)	54.6	0.7			G1/100
BL	(0°-30°)	382.6	5.1	B1/500		
BM	(30°-60°)	809.1	10.8	B1/1000		
BH	(60°-80°)	604.4	8.1	B2/1000		G2/1000
BVH	(80°-90°)	42.9	0.6			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 II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	1093.7	1093.7	1093.7	1093.7	1093.7	1093.7	1093.7	1093.7	1093.7	*1093.7*	1093.7
2.5°	1119.9	1126.2	1124.2	1122.2	1122.2	1119.5	1119.1	1115.1	1111.9	*1106.8*	1105.6
5°	1134.1	1140.8	1140.0	1141.6	1146.8	1148.0	1149.1	1146.8	1140.4	*1134.1*	1131.3
7.5°	1121.4	1129.0	1131.3	1140.8	1156.7	1170.9	1181.6	1186.0	1180.0	*1170.9*	1166.6
10°	1078.7	1087.0	1095.3	1117.9	1146.0	1179.6	1208.1	1225.2	1224.0	*1215.3*	1207.7
12.5°	992.0	1000.7	1018.5	1062.5	1113.9	1173.3	1226.3	1262.0	1274.2	*1267.9*	1254.8
15°	922.7	930.2	943.7	988.8	1055.7	1146.0	1233.1	1302.3	1333.6	*1330.1*	1314.2
17.5°	920.7	923.9	932.2	953.6	1005.1	1103.2	1225.9	1341.9	1401.7	*1401.3*	1381.5
20°	955.6	956.8	961.5	965.9	995.2	1070.8	1207.7	1374.8	1478.1	*1478.1*	1456.7
22.5°	1003.9	1003.1	1007.8	1003.9	1018.1	1068.0	1196.3	1403.7	1563.2	*1569.5*	1542.6
25°	1076.3	1072.4	1071.2	1062.1	1064.8	1093.7	1208.9	1436.5	1664.1	*1677.2*	1643.6
27.5°	1172.9	1166.6	1162.2	1141.2	1134.1	1146.8	1247.7	1476.1	1776.6	*1799.1*	1756.4
30°	1298.8	1287.3	1281.0	1244.5	1218.8	1220.8	1306.3	1528.8	1894.1	*1930.6*	1876.3
32.5°	1470.6	1452.8	1435.7	1376.0	1328.9	1313.4	1381.9	1601.6	2021.6	*2079.8*	2010.1
35°	1663.0	1648.7	1630.5	1538.3	1465.8	1430.2	1484.0	1703.3	2170.8	*2263.1*	2172.4
37.5°	1848.2	1835.9	1844.7	1720.4	1626.9	1575.1	1617.8	1839.9	2354.9	*2491.1*	2375.9
40°	2039.8	2030.3	2031.5	1912.7	1803.9	1745.7	1780.1	2011.3	2565.9	*2762.2*	2620.5
42.5°	2248.0	2240.9	2217.1	2111.9	1989.5	1935.3	1967.0	2209.2	2792.3	*3071.0*	2888.9
45°	2481.2	2476.8	2454.7	2333.9	2193.8	2132.8	2175.6	2427.7	3019.9	*3361.5*	3158.5
47.5°	2682.7	2686.2	2683.5	2581.7	2436.4	2347.0	2398.0	2655.7	3231.7	*3634.7*	3417.0
50°	2779.6	2798.3	2825.6	2793.9	2703.6	2612.6	2622.5	2875.8	3433.6	*3890.8*	3664.8
52.5°	2729.0	2764.2	2838.6	2889.3	2924.1	2905.1	2878.6	3094.3	3623.6	*4122.0*	3899.1
55°	2540.2	2589.6	2713.1	2835.5	3013.2	3151.3	3186.2	3336.6	3808.9	*4325.4*	4120.8
57.5°	2196.2	2276.5	2387.4	2634.8	2934.0	3270.5	3544.8	3672.7	4005.2	*4542.8*	4352.7
60°	1606.4	1714.0	1851.8	2219.9	2656.9	3206.8	3850.0	4188.9	4284.3	*4824.2*	4654.8
62.5°	1028.0	1094.5	1221.2	1568.0	2070.3	2880.2	3943.4	4834.1	4757.3	*5285.8*	5107.6
65°	703.8	746.6	862.6	1057.3	1338.4	2143.9	3693.3	5317.8	5508.6	*6017.3*	5881.9
67.5°	511.4	543.9	642.9	813.5	872.1	1268.7	2865.9	5295.7	6239.0	*6771.0*	6560.4
70°	*372.9*	*395.8*	*479.0*	*642.9*	*671.0*	*705.8*	*1736.2*	*4501.6*	*6223.1*	*6971.3*	*6719.1*
72.5°	276.3	292.1	348.0	498.8	543.1	476.6	859.4	3271.7	5347.5	*6305.5*	6103.2
75°	199.9	211.8	252.9	381.6	434.6	363.0	428.7	1911.9	3730.1	*4435.5*	4471.1
77.5°	152.8	161.9	188.8	279.5	348.0	272.3	266.0	879.6	1768.7	*1777.4*	1877.1
80°	122.7	128.7	143.3	196.7	266.8	203.9	173.4	355.1	558.9	*473.0*	496.4
82.5°	90.3	100.1	121.1	138.2	190.8	140.5	105.7	179.3	212.6	*182.9*	184.5
85°	51.5	58.2	73.2	99.0	121.9	85.9	60.6	79.6	99.0	*81.1*	72.4
87.5°	18.2	23.8	25.7	38.8	53.0	35.6	23.4	23.0	32.5	*24.1*	20.2
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°	1093.7	1093.7	1093.7	1093.7	1093.7	1093.7	1093.7	1093.7	1093.7	1093.7	1093.7
2.5°	1101.6	1099.7	1091.8	1081.1	1070.0	1059.3	1055.7	1048.2	1043.1	1040.3	1043.5
5°	1123.8	1117.5	1098.9	1075.1	1050.2	1023.3	1004.3	986.9	974.2	962.3	967.1
7.5°	1155.5	1144.4	1112.3	1070.8	1026.4	981.7	948.5	923.1	906.1	895.0	897.4
10°	1192.3	1175.3	1126.2	1064.0	995.6	931.4	892.2	870.5	859.8	853.8	855.4
12.5°	1234.7	1210.5	1140.4	1048.6	948.5	875.2	848.3	842.0	842.4	842.8	843.6
15°	1286.9	1253.3	1151.9	1015.0	887.1	832.1	827.3	837.6	848.3	853.4	853.1
17.5°	1345.9	1298.4	1153.9	959.5	826.9	804.4	819.4	841.6	857.8	864.9	866.5
20°	1409.2	1344.3	1139.6	881.2	777.4	781.8	808.7	837.2	855.0	864.1	866.5
22.5°	1481.7	1393.4	1105.6	798.8	737.1	757.3	788.9	816.6	835.2	844.3	846.7
25°	1564.4	1448.4	1052.2	729.5	702.2	729.5	761.2	784.2	799.2	807.5	809.9
27.5°	1656.2	1505.8	980.9	674.5	671.8	701.0	727.2	745.0	752.9	759.2	761.6
30°	1748.5	1558.1	894.6	633.0	645.2	672.9	691.5	699.5	701.8	703.0	705.8
32.5°	1848.2	1603.2	804.0	598.5	619.9	645.6	656.7	660.3	649.2	641.7	644.0
35°	1969.0	1651.5	715.3	571.2	595.0	617.1	620.7	617.5	604.5	589.0	589.8
37.5°	2118.2	1711.6	644.4	551.8	571.6	586.3	581.9	581.1	582.3	564.1	565.3
40°	2301.1	1790.0	592.6	536.8	552.6	555.8	543.5	550.2	556.2	528.5	529.2
42.5°	2504.1	1884.6	559.7	526.5	536.8	529.2	510.2	517.8	517.0	480.6	480.2
45°	2711.2	1987.6	548.3	519.0	522.1	507.1	486.1	488.1	471.5	438.6	439.8
47.5°	2917.0	2098.0	555.4	512.6	503.9	486.9	470.7	462.0	437.4	412.9	412.9
50°	3118.9	2214.0	581.5	500.0	479.0	469.1	457.2	441.8	415.6	394.7	393.1
52.5°	3306.1	2330.8	610.8	479.0	447.7	453.6	446.1	428.3	402.6	381.2	381.6
55°	3483.5	2447.5	622.3	450.1	418.4	440.2	435.8	403.0	372.1	354.7	353.1
57.5°	3676.6	2588.1	609.6	413.3	394.7	424.7	408.1	371.7	353.9	340.8	339.6
60°	3944.2	2808.5	582.3	367.7	372.1	401.8	373.3	358.2	338.8	324.2	323.4
62.5°	4388.8	3219.8	538.4	322.6	345.6	367.7	356.7	341.6	321.8	307.6	307.6
65°	5045.9	3791.4	455.6	287.4	315.9	334.5	338.8	323.8	303.2	288.2	289.0
67.5°	5600.1	4150.1	344.8	258.1	285.4	307.6	319.8	305.2	283.4	268.8	269.2
70°	*5569.6*	*3889.6*	*263.2*	*229.2*	*258.5*	*281.1*	*296.9*	*285.4*	*262.1*	*248.2*	*249.4*
72.5°	4946.9	3253.9	213.0	199.9	231.2	253.3	272.3	263.6	239.9	226.4	226.4
75°	3634.3	2309.8	170.2	170.2	197.1	224.4	245.4	239.9	218.1	208.6	205.8
77.5°	1531.9	969.0	133.4	141.3	163.9	192.8	218.9	220.9	201.9	213.8	194.0
80°	407.3	267.2	101.7	111.2	128.7	159.1	190.4	189.6	169.0	157.9	146.9
82.5°	155.2	105.3	72.4	78.4	93.0	121.9	150.8	155.6	135.0	116.8	116.8
85°	59.8	45.1	44.7	47.1	54.2	80.8	114.0	118.0	101.7	86.3	89.1
87.5°	15.4	13.5	16.6	15.8	24.9	43.1	65.3	67.7	62.1	36.0	51.5
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)