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: P1202351

Luminaire Tested: GWC-SB1D-827-U-T3

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:	P1202351
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-5)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1D-827-U-T3
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE III OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8902 lumens
Efficiency:	N/A
Efficacy:	111.8 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

Input Watts (W):	79.6
Input Voltage (V):	120.0
Input Current (Ain):	0.638
Voltage Rise (V):	NR
Power Factor:	0.997
Total Harmonic Distortion (THDi):	6.673
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

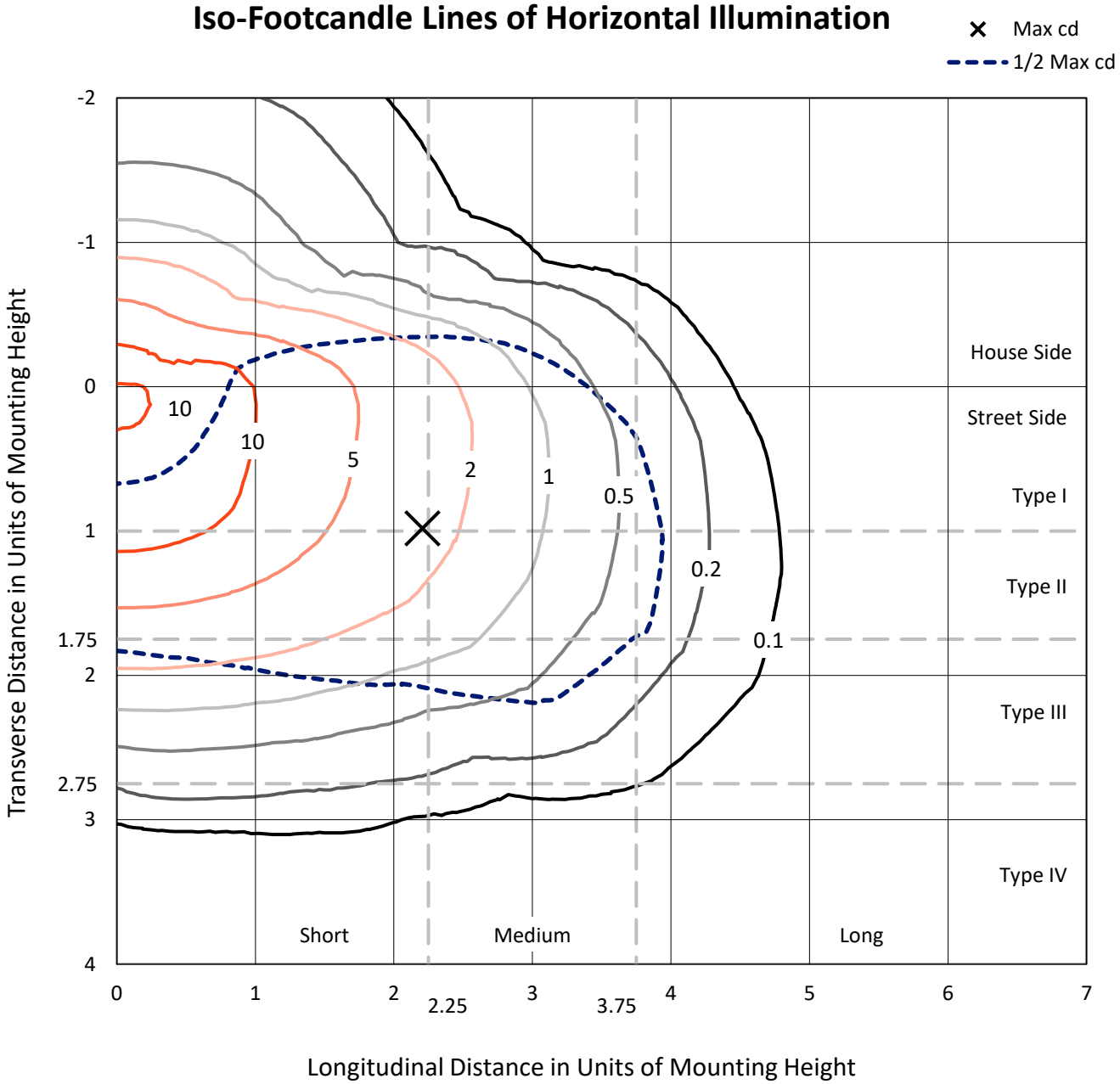


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Iso-Footcandle Lines of Horizontal Illumination



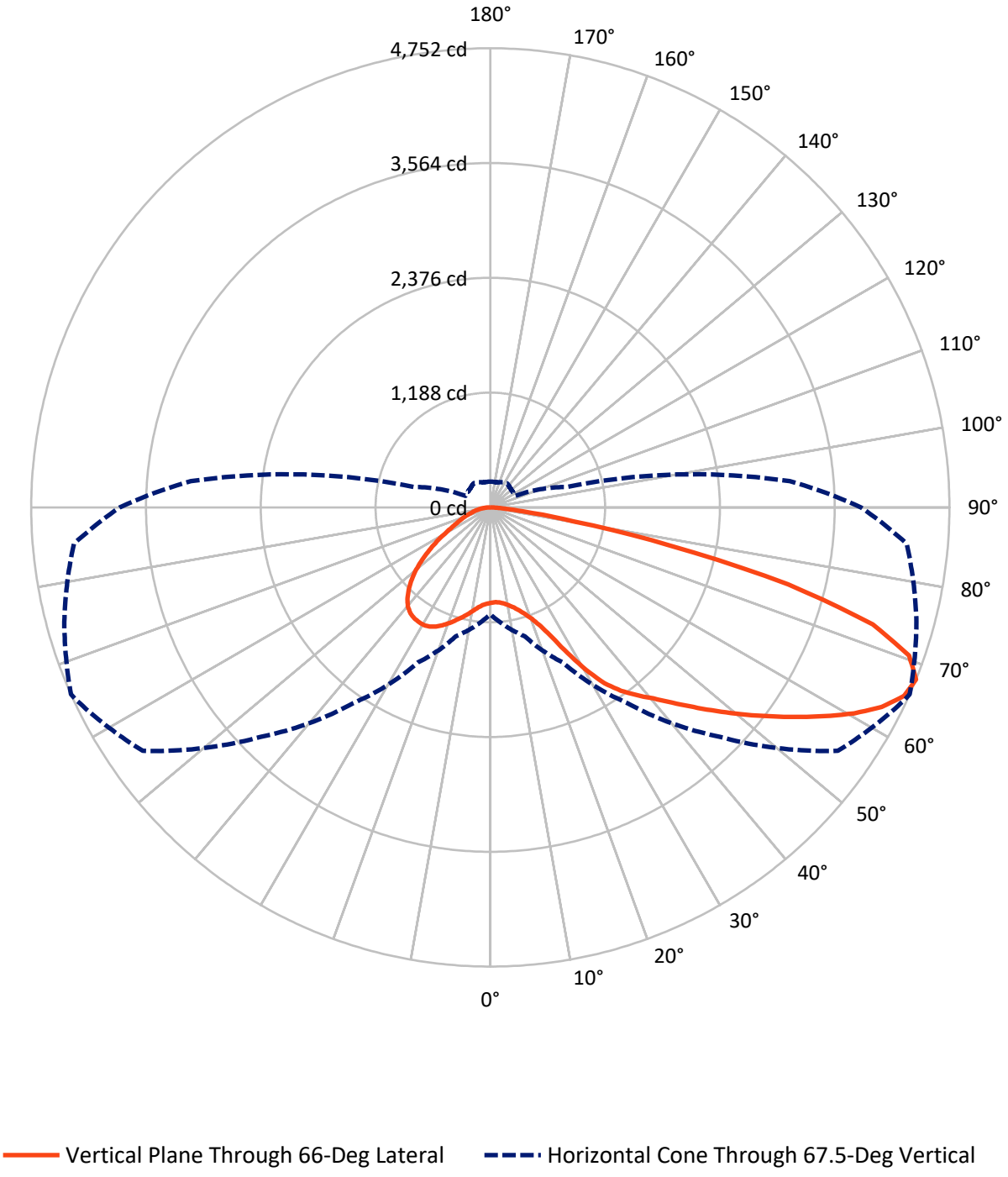
Based on 10 foot mounting height. Maximum calculated value = 14 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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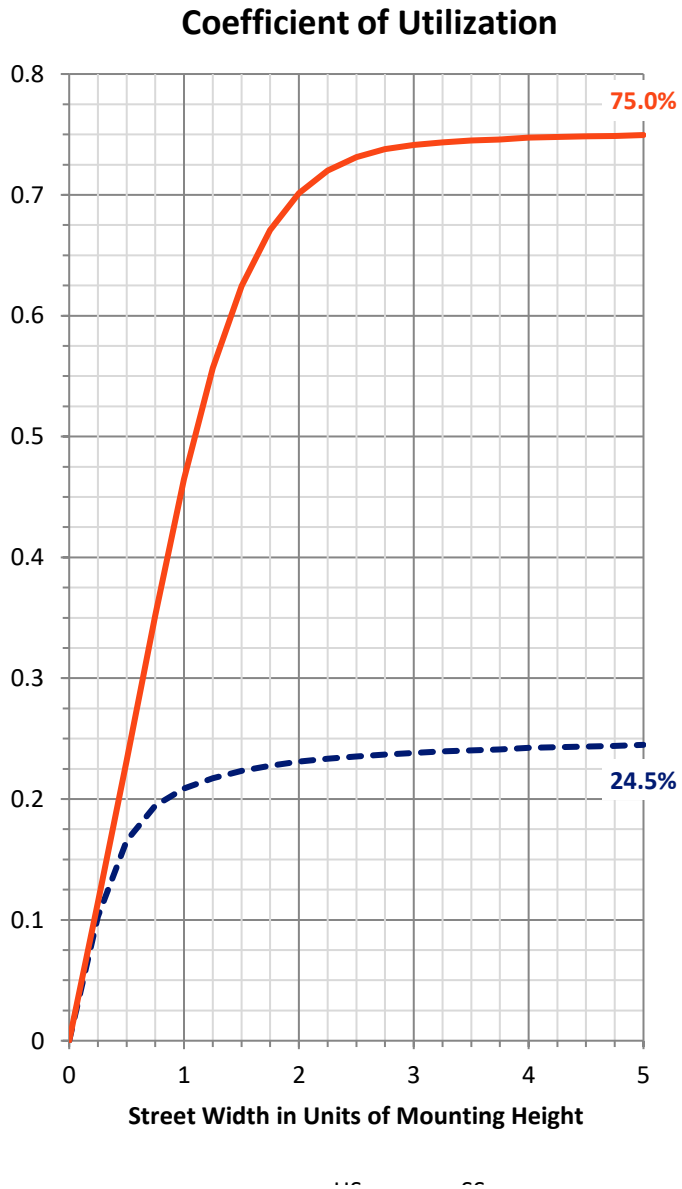
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2213.5	0.0	2213.5
	% Fixture	24.9	0.0	24.9
Street Side	Lumens	6688.5	0.0	6688.5
	% Fixture	75.1	0.0	75.1
Total	Lumens	8902.0	0.0	8902.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.9	1.1
10°-20°	323.4	3.6
20°-30°	623.4	7.0
30°-40°	1093.0	12.3
40°-50°	1625.0	18.3
50°-60°	2059.8	23.1
60°-70°	2015.4	22.6
70°-80°	961.4	10.8
80°-90°	102.7	1.2
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°	8902.0	100.0
0°-180°	8902.0	100.0



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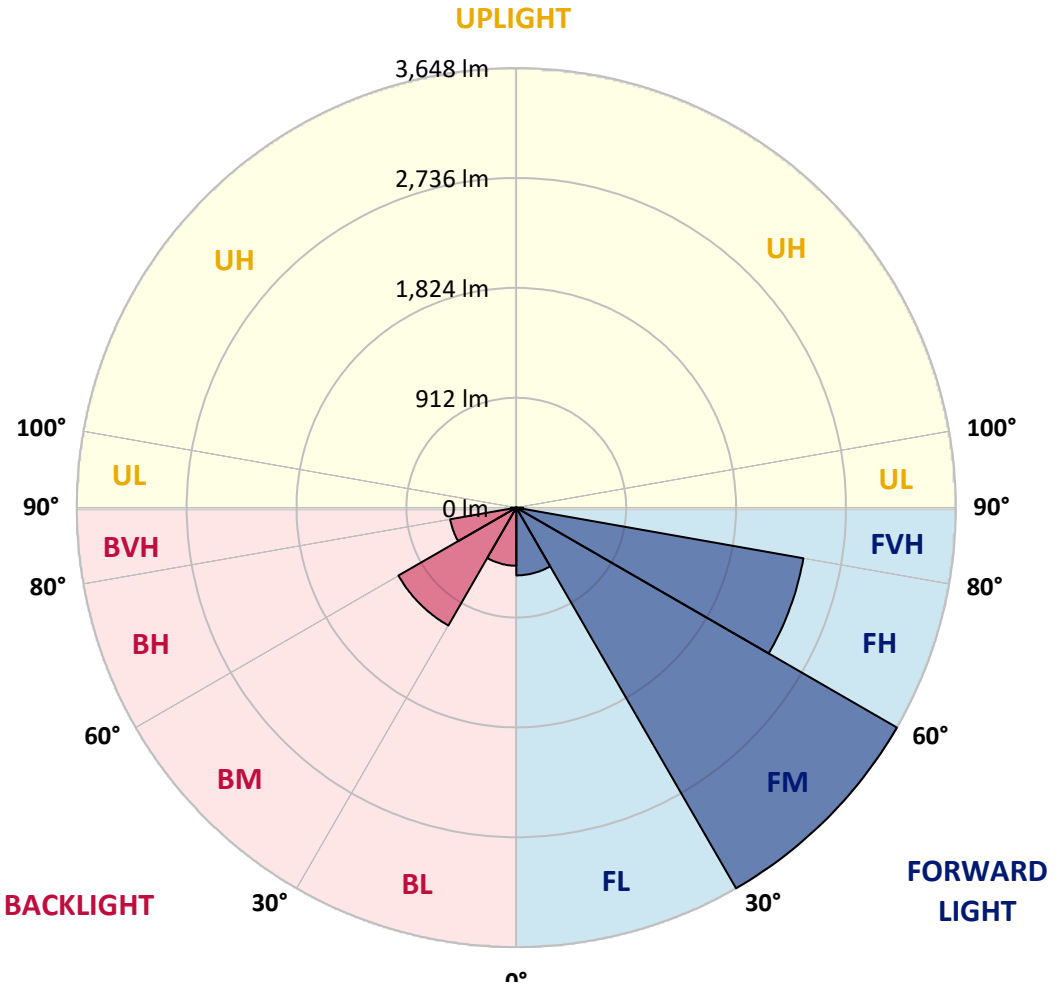
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	562.5	6.3			
FM	(30°-60°)	3648.0	41.0			
FH	(60°-80°)	2419.8	27.2			G2/5000
FVH	(80°-90°)	58.3	0.7			G1/100
BL	(0°-30°)	482.2	5.4	B1/500		
BM	(30°-60°)	1129.8	12.7	B2/2500		
BH	(60°-80°)	557.0	6.3	B2/1000		G2/1000
BVH	(80°-90°)	44.5	0.5			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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	987.3	987.3	987.3	987.3	987.3	987.3	987.3	987.3	*987.3*	987.3	987.3
2.5°	977.1	982.7	981.3	978.9	978.5	979.4	980.8	982.2	*981.7*	984.1	987.8
5°	974.3	979.9	979.4	979.4	981.3	985.0	987.3	989.7	*987.3*	990.2	995.3
7.5°	976.1	980.3	982.2	984.1	988.8	995.8	1001.4	1006.5	*1003.7*	1007.0	1013.5
10°	1000.0	1003.3	1005.1	1005.1	1008.4	1016.3	1022.0	1031.3	*1029.0*	1034.1	1042.5
12.5°	1043.5	1046.7	1046.7	1044.9	1047.2	1052.4	1054.2	1064.5	*1060.3*	1068.7	1077.2
15°	1096.8	1103.3	1098.2	1094.9	1095.9	1101.0	1100.5	1108.5	*1104.3*	1111.3	1118.8
17.5°	1155.7	1164.1	1155.7	1155.3	1153.4	1159.0	1159.5	1166.5	*1159.0*	1164.1	1169.3
20°	1225.4	1237.1	1230.1	1232.4	1228.2	1230.6	1232.9	1243.2	*1231.5*	1235.2	1233.8
22.5°	1323.6	1337.7	1330.2	1339.1	1336.3	1334.4	1333.9	1352.2	*1333.9*	1335.3	1321.8
25°	1466.8	1483.6	1470.5	1482.7	1482.7	1488.7	1495.8	1519.1	*1488.7*	1479.9	1444.8
27.5°	1678.2	1695.0	1669.3	1676.8	1674.4	1689.4	1681.9	1739.9	*1707.2*	1692.7	1622.0
30°	1932.6	1962.5	1913.9	1912.0	1909.7	1933.5	1944.3	1982.7	*1949.4*	1934.9	1849.8
32.5°	2207.6	2239.0	2181.0	2164.1	2155.2	2169.7	2160.9	2191.7	*2168.8*	2146.4	2041.1
35°	2498.5	2529.4	2474.2	2441.5	2405.9	2375.5	2343.7	2351.7	*2330.2*	2296.0	2187.0
37.5°	2773.6	2830.2	2771.7	2736.6	2671.1	2611.7	2522.9	2485.9	*2465.8*	2434.5	2324.6
40°	3053.7	3086.0	3041.6	3011.6	2940.5	2847.5	2705.3	2627.2	*2600.0*	2569.6	2476.6
42.5°	3260.0	3290.9	3267.0	3246.4	3190.8	3082.7	2898.9	2801.2	*2761.9*	2727.7	2648.7
45°	3423.7	3446.6	3431.6	3439.1	3415.3	3310.5	3099.6	2987.8	*2947.1*	2905.5	2843.2
47.5°	3489.6	3514.0	3537.8	3582.2	3622.9	3545.8	3315.2	3189.8	*3146.8*	3104.2	3043.0
50°	3482.1	3506.9	3576.2	3670.6	3796.9	3771.2	3542.5	3405.0	*3365.2*	3316.6	3260.0
52.5°	3422.3	3450.3	3539.2	3696.4	3897.5	3940.0	3774.0	3627.1	*3589.7*	3531.7	3475.1
55°	3265.1	3282.0	3415.3	3637.9	3921.3	4057.9	4000.8	3863.8	*3826.4*	3745.5	3683.7
57.5°	2973.7	2998.1	3192.2	3480.3	3861.5	4137.9	4200.1	4112.6	*4076.6*	3960.2	3895.6
60°	2593.5	2632.3	2854.5	3215.6	3709.0	4137.4	4381.1	4357.2	*4327.3*	4171.6	4104.2
62.5°	2163.2	2208.1	2421.8	2841.4	3442.4	4020.0	4494.3	4562.1	*4546.7*	4366.6	4280.5
65°	1661.3	1692.2	1905.0	2357.3	3027.5	3767.9	4507.4	4702.0	*4704.8*	4514.9	4372.7
67.5°	*1106.1*	*1195.0*	*1379.8*	*1768.9*	*2471.9*	*3355.9*	*4392.3*	*4724.9*	*4752.0*	*4565.8*	*4326.4*
70°	539.7	656.7	837.7	1149.6	1768.9	2724.0	4091.6	4536.8	*4597.2*	4417.1	4050.4
72.5°	224.0	261.9	360.6	567.3	1015.4	1838.1	3487.3	4027.0	*4138.8*	3913.9	3405.4
75°	151.1	163.7	206.3	290.9	462.6	906.4	2514.9	3002.7	*3182.8*	2956.0	2416.2
77.5°	116.5	124.4	150.1	203.5	275.0	342.8	1346.1	1809.6	*1902.7*	1761.4	1257.2
80°	91.7	97.8	112.3	148.3	195.0	183.3	458.8	819.9	*873.7*	732.9	404.1
82.5°	79.5	81.9	80.4	100.6	129.6	107.1	150.6	302.6	*333.9*	242.3	131.9
85°	57.5	64.1	66.9	62.2	68.8	54.3	61.7	107.1	*117.9*	105.2	74.4
87.5°	23.4	34.6	42.6	40.2	25.3	15.4	19.2	31.3	*36.0*	39.3	24.3
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°	987.3	987.3	987.3	987.3	987.3	987.3	987.3	987.3	987.3	987.3	987.3
2.5°	988.3	991.6	993.9	996.7	998.6	1001.4	1007.0	1010.3	1010.7	1013.1	1012.6
5°	997.2	1001.8	1007.0	1014.5	1022.9	1029.9	1040.7	1048.2	1051.0	1053.3	1052.8
7.5°	1016.3	1022.9	1032.3	1045.3	1057.5	1066.9	1080.0	1088.8	1097.7	1101.0	1101.5
10°	1044.9	1054.2	1067.8	1085.6	1098.7	1110.8	1124.4	1131.9	1140.8	1144.5	1146.4
12.5°	1080.4	1090.2	1108.0	1132.8	1145.0	1153.4	1158.1	1156.2	1158.1	1161.3	1162.3
15°	1121.1	1131.9	1152.0	1178.6	1187.1	1179.6	1169.3	1159.9	1158.5	1159.5	1162.7
17.5°	1169.3	1177.2	1200.6	1223.1	1217.0	1186.1	1163.7	1148.7	1141.2	1138.9	1142.2
20°	1236.6	1236.6	1255.8	1269.9	1229.2	1176.8	1141.7	1117.4	1101.9	1095.4	1094.0
22.5°	1318.5	1311.0	1323.2	1313.3	1226.8	1150.6	1101.9	1059.8	1036.5	1027.1	1025.7
25°	1422.3	1413.4	1410.2	1349.4	1210.0	1109.0	1029.9	978.9	958.4	953.2	954.1
27.5°	1579.0	1556.6	1514.0	1369.0	1179.1	1043.5	945.7	898.5	886.8	887.3	888.7
30°	1787.6	1742.7	1638.4	1372.3	1128.6	950.9	859.7	826.0	820.4	822.7	830.7
32.5°	1980.8	1938.2	1765.6	1357.3	1051.0	860.1	782.5	760.0	751.6	754.4	758.2
35°	2132.3	2120.6	1883.5	1336.3	955.5	775.0	713.3	694.1	677.7	674.0	676.8
37.5°	2275.4	2270.8	1971.9	1306.8	861.1	714.7	657.6	632.4	608.5	595.4	595.9
40°	2432.6	2427.9	2029.9	1261.4	777.3	662.3	607.6	574.4	544.9	521.0	523.4
42.5°	2609.4	2581.8	2057.5	1196.4	706.3	617.9	566.9	522.0	483.2	461.2	462.6
45°	2802.6	2740.4	2057.0	1113.6	646.4	577.2	523.4	459.8	423.8	403.2	402.2
47.5°	3007.4	2891.9	2031.8	1022.0	588.4	532.3	456.0	407.4	383.5	370.9	368.1
50°	3218.8	3033.6	1988.7	916.7	529.0	481.3	413.9	380.7	362.5	350.8	346.6
52.5°	3417.6	3162.2	1936.8	797.5	468.7	431.7	395.2	369.5	350.3	337.2	331.6
55°	3602.4	3273.1	1863.4	675.4	419.5	398.5	386.3	364.8	342.8	327.4	321.3
57.5°	3766.5	3345.1	1736.6	560.8	384.5	375.6	377.0	356.9	331.6	318.5	310.1
60°	3903.1	3398.0	1549.1	454.6	355.9	353.1	362.5	341.9	312.4	297.5	290.9
62.5°	3984.9	3397.0	1319.0	372.3	331.6	332.5	343.3	323.2	293.3	279.2	275.0
65°	3977.9	3313.8	1066.4	318.5	308.2	309.2	323.2	302.6	277.4	268.9	268.5
67.5°	*3837.1*	*3110.8*	*818.0*	*283.4*	*282.5*	*286.7*	*303.1*	*288.6*	*267.5*	*266.6*	*268.0*
70°	3456.0	2689.4	589.3	255.4	255.8	261.9	283.4	279.7	262.4	264.3	263.8
72.5°	2771.2	2050.5	395.7	225.9	226.4	236.2	264.7	272.7	257.2	282.0	285.8
75°	1845.6	1278.7	254.4	194.6	195.0	207.7	248.4	259.1	243.2	281.1	283.4
77.5°	886.8	574.8	184.3	163.7	163.7	175.4	214.7	232.0	207.2	218.4	200.2
80°	306.4	216.1	145.0	131.9	129.1	137.0	181.0	201.1	178.7	164.6	154.3
82.5°	120.7	112.3	116.5	102.4	93.1	98.2	140.8	166.0	131.4	118.8	118.3
85°	69.2	73.0	82.3	67.8	53.8	60.3	103.4	119.3	99.2	87.5	89.3
87.5°	18.7	25.7	37.9	35.1	24.3	25.7	49.1	65.9	57.1	44.0	45.4
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)