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: P1201893

Luminaire Tested: GWC-SB1C-735-U-T4W

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:	P1201893
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-1)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1C-735-U-T4W
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7514 lumens
Efficiency:	N/A
Efficacy:	138.1 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):	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

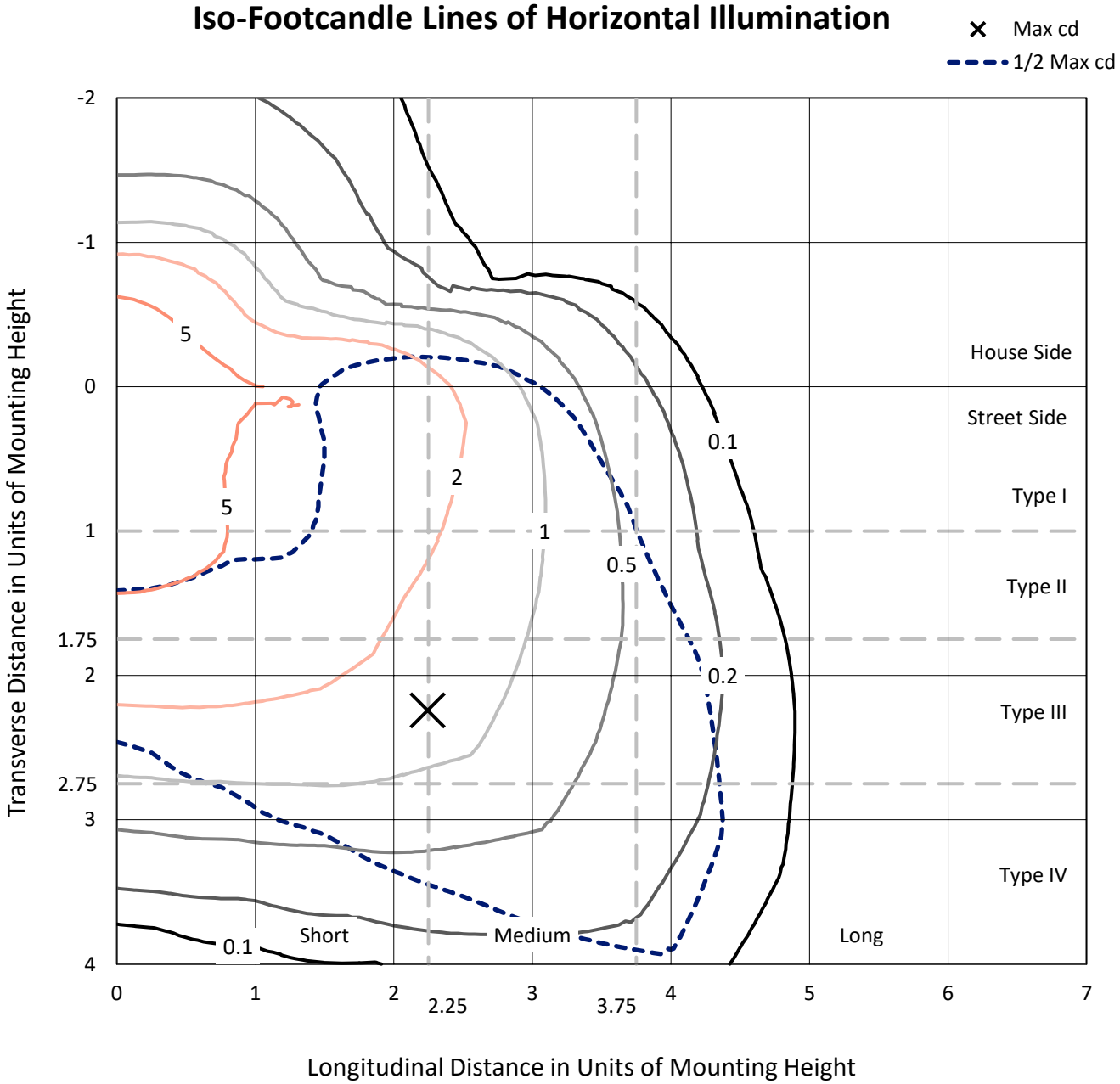


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Iso-Footcandle Lines of Horizontal Illumination



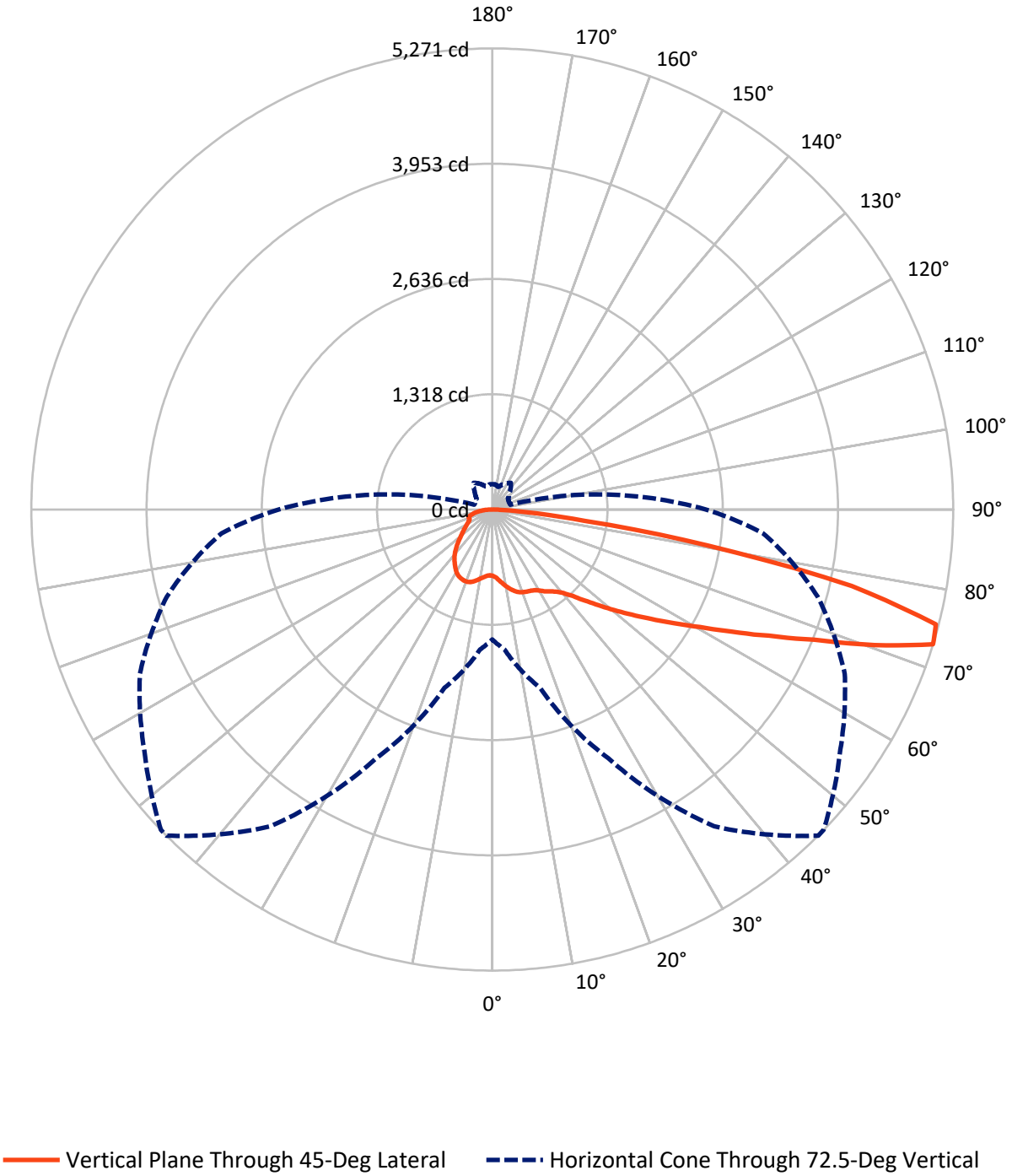
Based on 10 foot mounting height. Maximum calculated value = 9.4 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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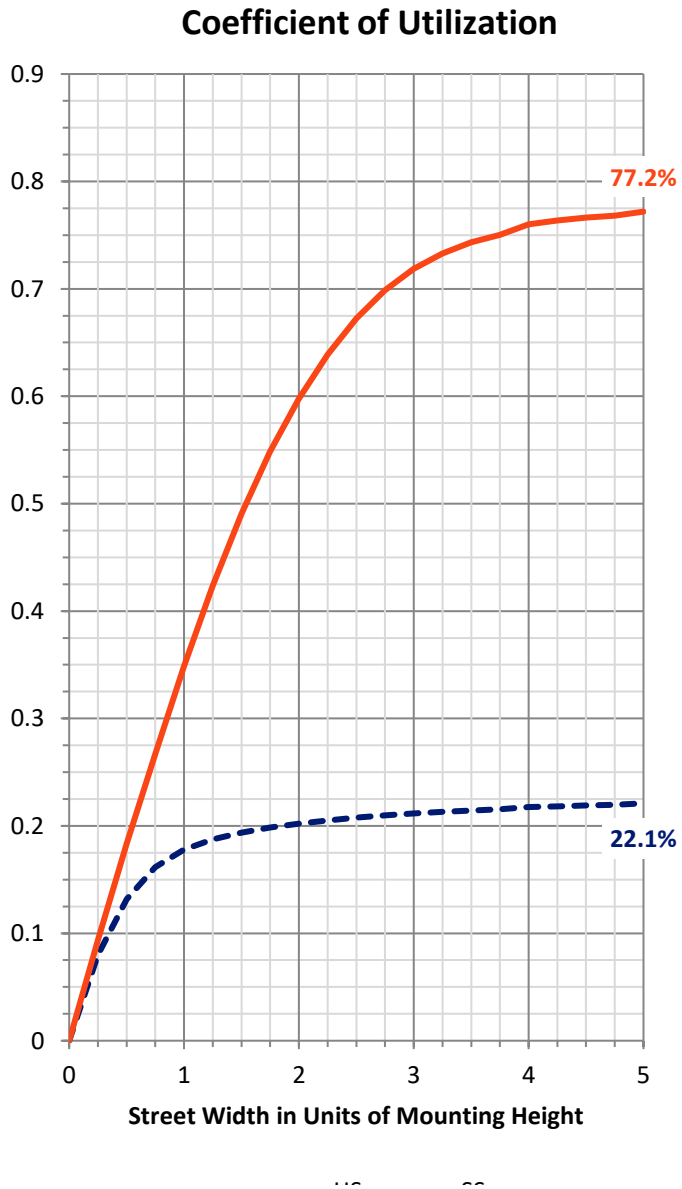
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1698.7	0.0	1698.7
	% Fixture	22.6	0.0	22.6
Street Side	Lumens	5815.3	0.0	5815.3
	% Fixture	77.4	0.0	77.4
Total	Lumens	7514.0	0.0	7514.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.2	1.0
10°-20°	257.2	3.4
20°-30°	447.5	6.0
30°-40°	641.5	8.5
40°-50°	903.2	12.0
50°-60°	1383.5	18.4
60°-70°	2004.2	26.7
70°-80°	1600.5	21.3
80°-90°	199.3	2.7
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°	7514.0	100.0
0°-180°	7514.0	100.0



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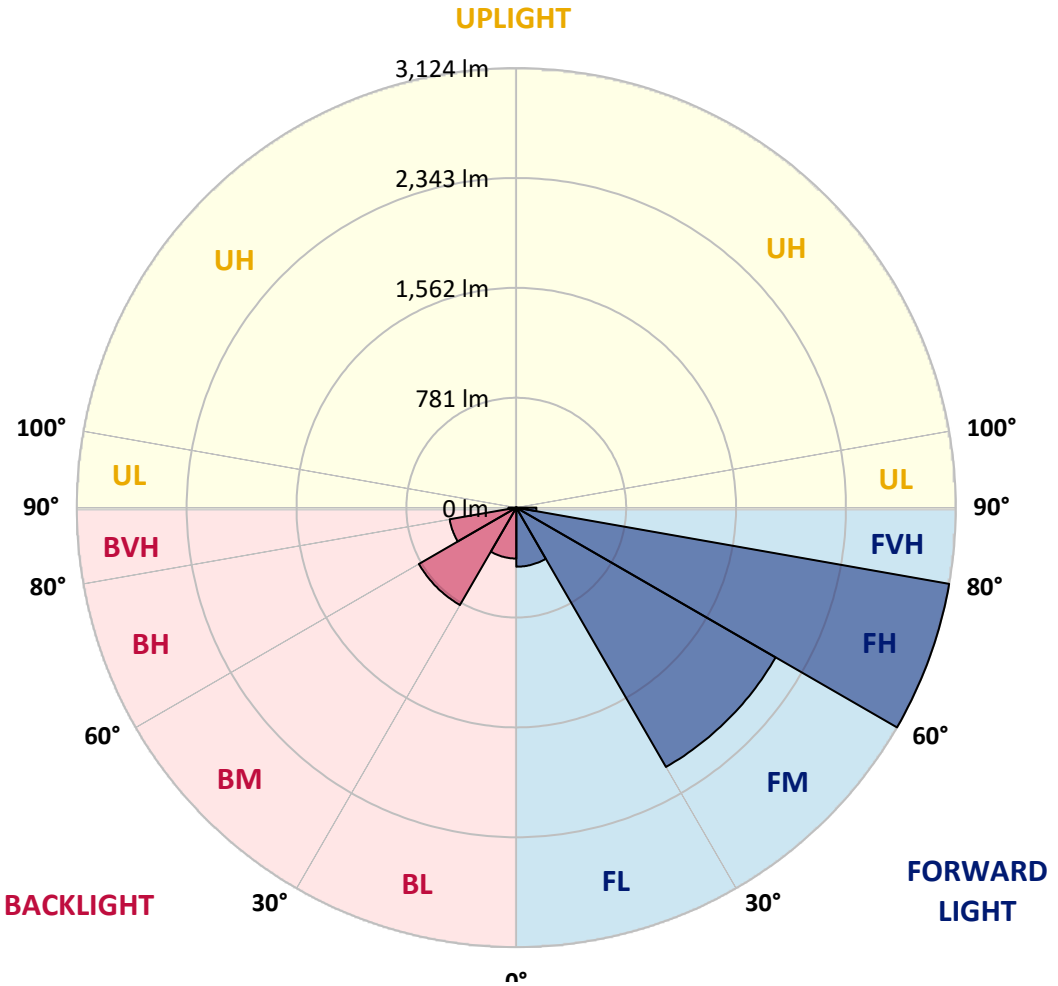
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	420.2	5.6			
FM	(30°-60°)	2128.4	28.3			
FH	(60°-80°)	3123.8	41.6			G2/5000
FVH	(80°-90°)	143.0	1.9			G2/225
BL	(0°-30°)	361.7	4.8	B1/500		
BM	(30°-60°)	799.8	10.6	B1/1000		
BH	(60°-80°)	480.8	6.4	B1/500		G1/500
BVH	(80°-90°)	56.3	0.7			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°	45°	46°	55°	65°	75°	85°
0°	758.0	758.0	758.0	758.0	758.0	758.0	758.0	758.0	758.0	758.0	758.0
2.5°	787.7	792.8	788.1	783.7	781.8	776.6	776.2	773.1	771.1	765.5	764.0
5°	842.7	849.5	841.5	832.8	824.9	812.2	810.7	801.6	791.3	779.4	772.7
7.5°	904.9	910.8	901.7	888.6	874.8	853.8	853.4	836.8	820.6	800.4	788.9
10°	959.1	967.0	954.7	936.9	919.5	895.8	893.0	874.0	853.4	827.3	809.9
12.5°	1007.0	1012.5	1000.7	978.9	958.7	935.0	931.4	910.4	887.5	857.8	835.6
15°	1045.0	1052.1	1036.3	1012.9	991.6	968.2	965.0	946.0	923.1	891.8	863.3
17.5°	1069.9	1075.9	1059.6	1033.5	1012.9	993.5	991.2	975.3	955.1	923.5	893.0
20°	1079.4	1085.8	1068.7	1042.2	1023.2	1008.2	1007.0	995.5	981.7	952.8	921.9
22.5°	1088.9	1094.9	1072.7	1045.0	1028.4	1018.9	1018.5	1011.0	1005.4	981.7	951.6
25°	1127.3	1128.9	1099.2	1059.2	1035.5	1027.2	1026.8	1026.4	1028.8	1010.2	983.6
27.5°	1160.6	1160.2	1134.8	1097.2	1060.4	1043.0	1042.6	1046.6	1054.1	1038.7	1016.9
30°	1209.3	1204.9	1174.8	1135.6	1102.0	1075.1	1072.7	1069.1	1075.1	1062.8	1050.1
32.5°	1312.6	1298.7	1250.0	1180.4	1136.4	1115.8	1112.7	1090.5	1092.9	1085.4	1079.0
35°	1460.6	1442.4	1377.5	1265.1	1179.2	1149.9	1148.3	1120.2	1115.5	1108.7	1111.1
37.5°	1636.8	1614.2	1538.6	1387.8	1252.8	1189.5	1187.1	1161.8	1142.4	1135.2	1148.7
40°	1813.7	1785.2	1722.7	1537.4	1361.3	1255.6	1248.1	1209.7	1187.5	1175.6	1204.1
42.5°	1985.5	1961.7	1908.3	1705.2	1495.1	1352.2	1335.5	1269.8	1253.2	1242.1	1293.6
45°	2137.5	2116.1	2076.9	1884.6	1651.8	1483.6	1467.3	1360.1	1354.9	1354.9	1429.3
47.5°	2261.0	2256.2	2214.7	2067.4	1836.7	1633.2	1605.1	1485.6	1499.4	1520.8	1622.1
50°	2397.9	2384.9	2340.5	2247.5	2054.0	1804.6	1781.6	1639.5	1691.4	1750.0	1900.8
52.5°	2523.8	2530.9	2481.5	2435.2	2299.4	1995.8	1955.4	1821.2	1933.2	2030.2	2227.3
55°	2653.3	2653.7	2639.8	2633.5	2556.7	2207.2	2162.8	2039.7	2217.8	2338.2	2608.1
57.5°	2774.8	2775.6	2796.2	2852.0	2855.1	2451.0	2400.7	2308.1	2534.1	2656.8	3000.8
60°	2883.2	2888.8	2945.0	3075.6	3117.6	2730.4	2682.9	2625.2	2861.1	2984.6	3413.6
62.5°	2919.6	2939.8	3064.9	3250.6	3376.8	3073.2	3026.5	2992.1	3204.6	3319.4	3758.8
65°	2857.9	2904.2	3146.1	3395.0	3643.6	3480.5	3434.2	3396.6	3561.7	3669.7	4042.2
67.5°	2706.3	2766.1	3141.3	3546.6	3967.4	3970.6	3927.4	3839.2	3944.5	3986.0	4134.5
70°	2306.9	2396.4	2864.6	3603.2	4339.1	4640.7	4599.2	4372.0	4326.4	4125.4	3874.8
72.5°	1486.3	1606.7	2109.4	3137.4	4421.8	5271.3	5268.9	4852.9	4447.2	3854.6	3107.7
75°	542.3	615.9	980.1	1969.3	3711.7	5239.2	5254.7	4770.6	4059.6	2977.4	1936.0
77.5°	197.5	216.1	319.8	756.8	2282.8	4203.7	4235.8	3813.8	2889.6	1494.3	767.1
80°	103.7	114.0	163.9	293.7	978.1	2496.5	2546.8	2266.5	1358.1	450.1	230.0
82.5°	57.4	62.1	91.8	159.5	440.6	1067.6	1097.6	895.4	477.8	190.8	95.0
85°	30.9	32.9	43.1	87.1	215.3	370.1	378.4	267.6	190.4	112.0	45.9
87.5°	9.1	11.1	14.2	27.7	84.3	83.1	85.1	53.0	75.2	56.6	15.0
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	758.0	758.0	758.0	758.0	758.0	758.0	758.0	758.0	758.0	758.0	758.0
2.5°	761.6	760.4	756.0	754.1	751.7	751.3	753.3	753.7	754.1	754.5	756.0
5°	768.7	764.7	760.8	758.4	759.2	759.6	763.6	766.3	768.3	769.9	770.7
7.5°	782.6	779.4	772.7	772.3	773.5	777.0	782.2	788.5	792.1	794.8	795.6
10°	803.1	797.2	789.3	790.5	792.8	798.0	808.7	813.8	819.8	824.9	823.7
12.5°	824.1	819.0	809.9	810.7	814.6	823.7	834.0	840.3	844.3	848.3	849.8
15°	851.4	842.3	832.4	832.4	839.6	849.5	854.2	859.3	861.7	866.1	867.7
17.5°	879.5	867.7	854.6	853.8	862.5	867.3	870.0	870.8	871.6	876.4	878.0
20°	907.6	894.6	876.0	874.4	876.4	875.6	875.2	874.4	875.6	881.5	883.9
22.5°	935.3	920.3	894.6	887.5	881.9	874.4	874.0	873.6	874.4	880.3	884.3
25°	967.8	949.6	915.2	893.8	875.2	864.9	866.1	866.5	867.3	872.0	878.3
27.5°	1003.0	982.8	934.2	891.8	858.2	851.0	849.1	850.2	853.0	860.5	868.1
30°	1038.3	1014.5	951.6	883.9	836.8	826.9	820.6	823.3	832.0	839.6	847.9
32.5°	1070.3	1046.6	965.4	866.5	809.5	794.0	785.7	789.3	798.0	800.8	810.7
35°	1107.9	1081.0	971.4	838.8	779.8	756.0	745.0	739.8	744.2	741.4	750.1
37.5°	1149.9	1121.8	970.6	802.3	745.0	717.6	702.2	682.8	673.7	664.2	670.1
40°	1212.0	1171.7	961.1	758.4	701.8	676.9	649.2	616.3	595.7	577.1	578.3
42.5°	1296.7	1240.9	943.7	710.1	653.1	629.8	592.2	553.8	521.3	490.4	487.7
45°	1423.0	1331.6	921.9	658.7	600.5	577.5	536.7	493.6	456.8	417.2	412.5
47.5°	1605.1	1453.5	901.3	600.1	545.1	524.1	487.3	447.3	403.7	365.4	361.0
50°	1855.3	1628.4	882.3	543.1	490.4	474.6	445.3	404.5	360.6	329.7	327.7
52.5°	2173.5	1866.3	874.4	488.1	439.4	433.4	410.1	372.1	330.5	304.4	302.4
55°	2538.9	2150.9	874.4	435.4	394.6	396.6	380.4	345.2	309.1	285.8	283.4
57.5°	2911.7	2439.1	858.6	386.7	356.6	365.0	354.7	323.8	291.3	267.2	263.2
60°	3255.3	2680.6	794.4	342.4	323.0	336.1	329.3	302.8	263.2	243.0	239.9
62.5°	3519.3	2816.7	670.9	307.2	295.3	310.3	306.8	275.1	258.1	249.8	247.0
65°	3651.5	2794.6	513.0	275.9	271.9	295.3	287.8	286.6	273.1	263.6	260.5
67.5°	3570.4	2603.8	372.1	252.9	258.5	281.4	310.3	315.1	290.1	271.5	268.4
70°	3214.5	2258.6	277.1	231.2	241.5	281.8	353.9	329.7	284.6	262.8	259.3
72.5°	*2445.4*	*1684.3*	*214.9*	*208.2*	*219.3*	*283.8*	*373.3*	*323.0*	*268.8*	*290.5*	*288.2*
75°	1398.5	924.7	172.6	180.1	191.6	265.2	363.4	305.6	256.5	266.8	266.8
77.5°	533.2	355.5	142.5	152.4	154.0	231.6	347.5	304.4	244.2	238.3	217.3
80°	184.9	138.9	118.0	121.1	119.1	205.8	333.3	264.8	199.9	178.9	173.0
82.5°	75.6	69.3	93.4	89.5	84.7	159.9	269.2	216.5	163.5	144.5	142.9
85°	32.9	43.9	61.7	54.2	49.1	110.8	215.7	183.3	138.1	119.1	118.7
87.5°	6.7	16.6	26.1	24.5	25.3	74.0	153.2	130.2	97.8	73.2	57.4
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

0

(END OF REPORT)