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: P1202260

Luminaire Tested: GWC-SB1D-735-U-T2-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202260
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-4)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1D-735-U-T2-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE II OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7470 lumens
Efficiency:	N/A
Efficacy:	93.8 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - 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

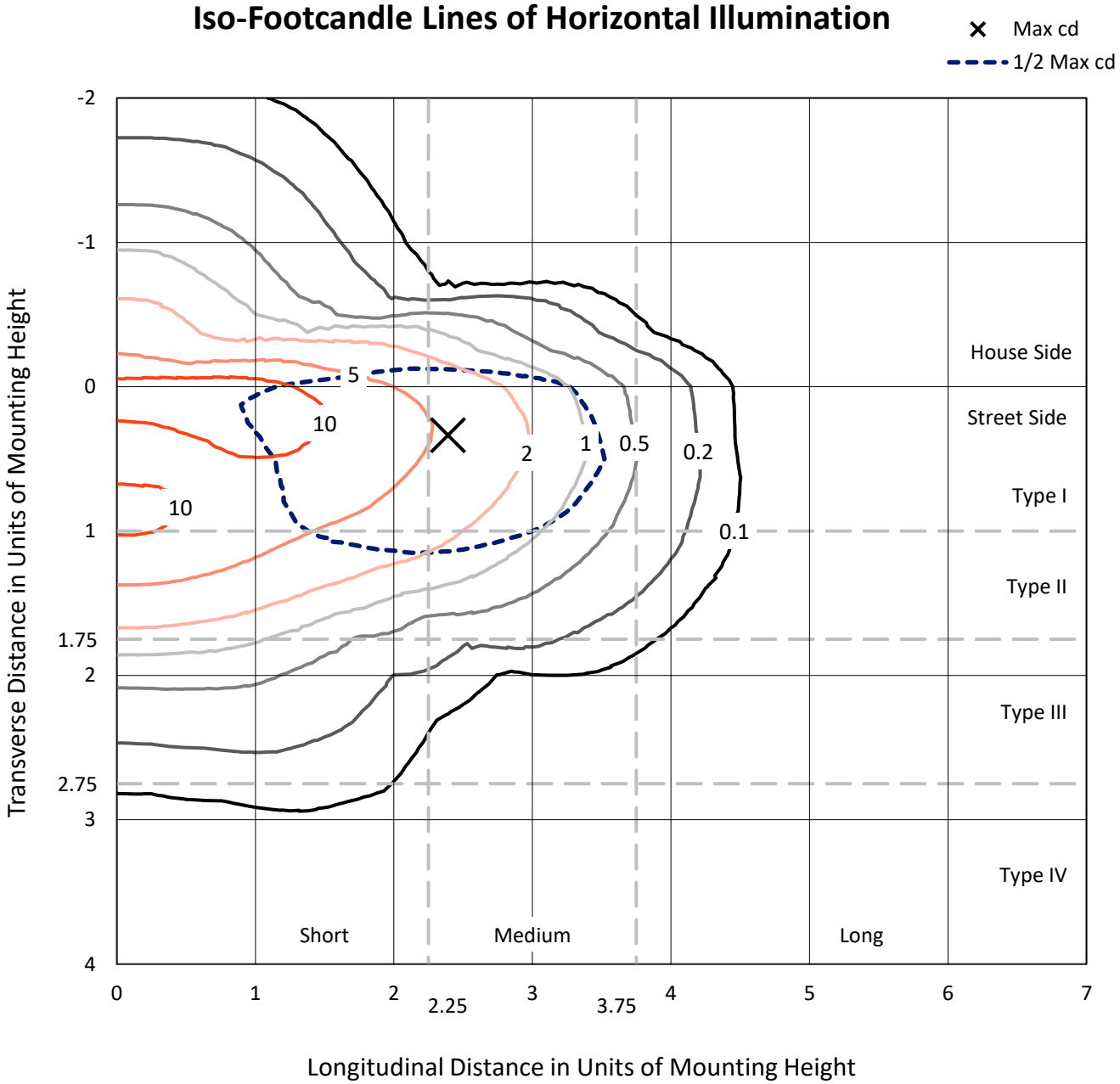


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Iso-Footcandle Lines of Horizontal Illumination



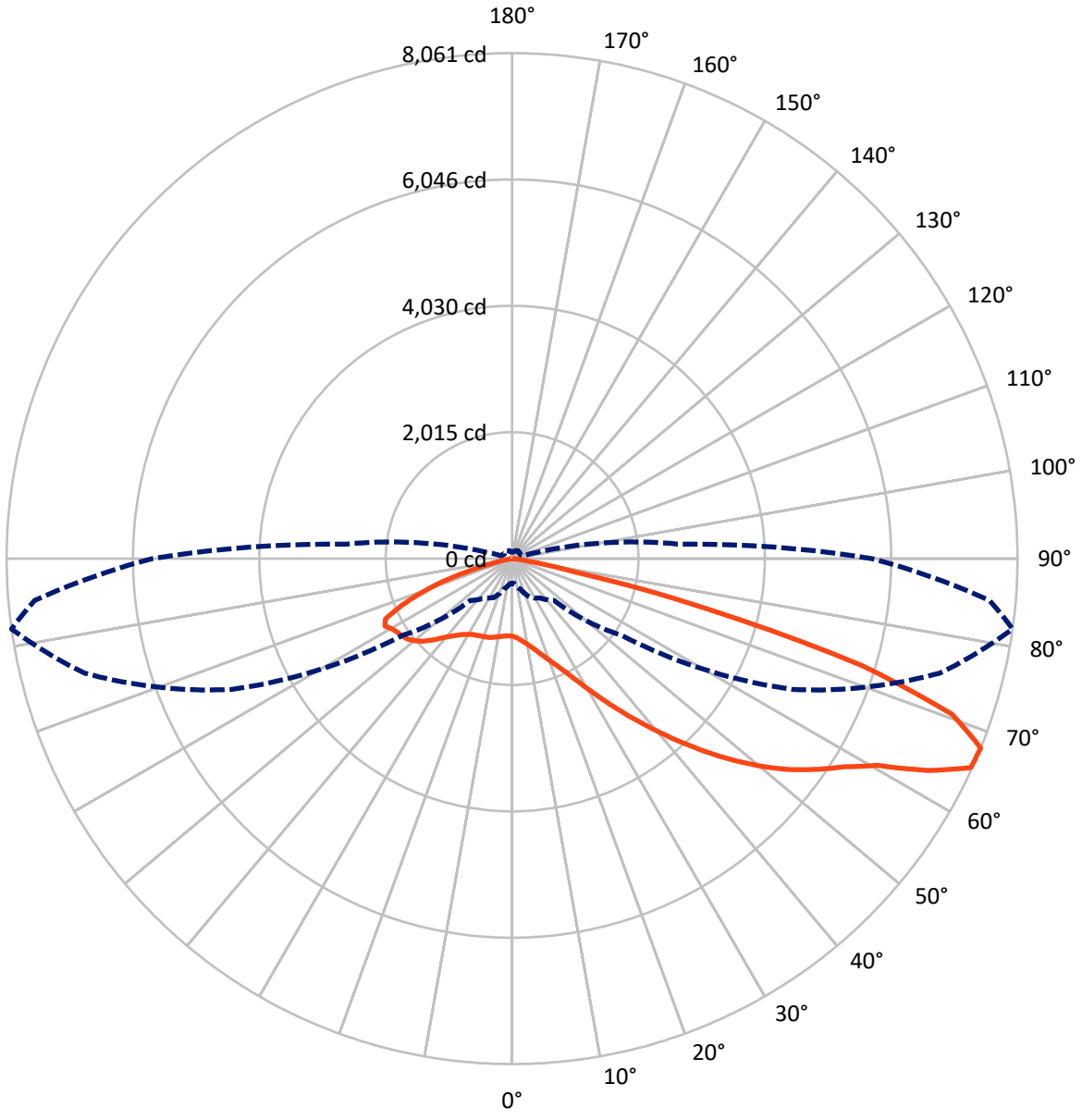
Based on 10 foot mounting height. Maximum calculated value = 16.4 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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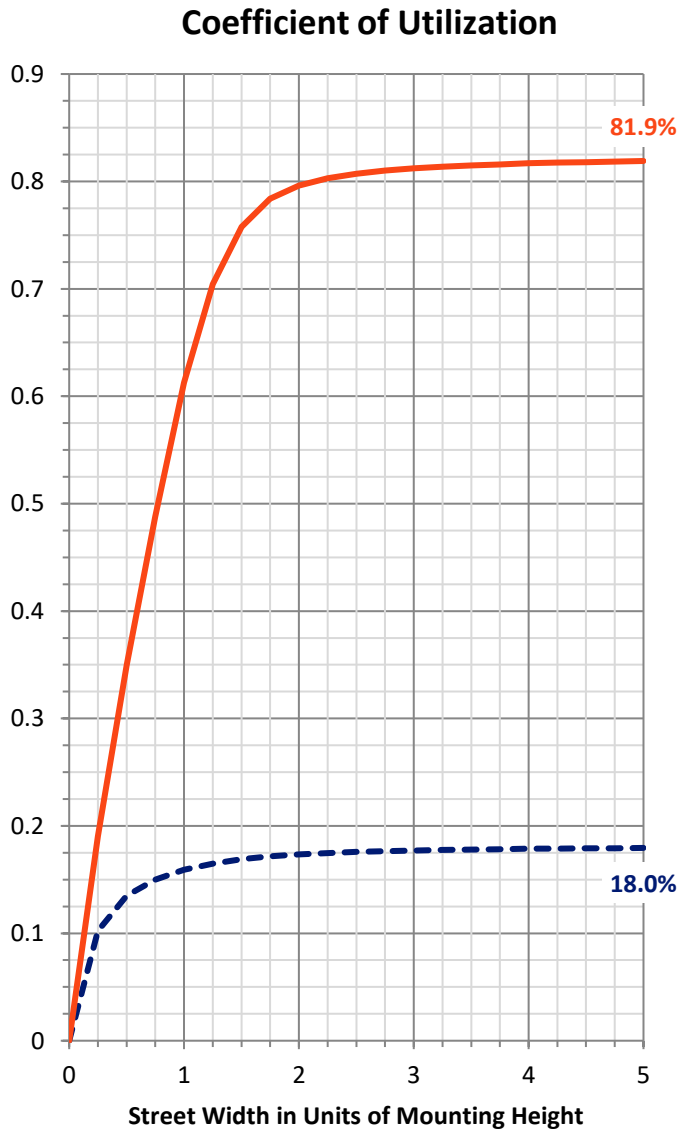
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1353.1	0.0	1353.1
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	6116.9	0.0	6116.9
	% Fixture	81.9	0.0	81.9
Total	Lumens	7470.0	0.0	7470.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.3	1.5
10°-20°	286.5	3.8
20°-30°	458.9	6.1
30°-40°	811.5	10.9
40°-50°	1421.8	19.0
50°-60°	1896.2	25.4
60°-70°	1765.3	23.6
70°-80°	677.5	9.1
80°-90°	42.1	0.6
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°	7470.0	100.0
0°-180°	7470.0	100.0



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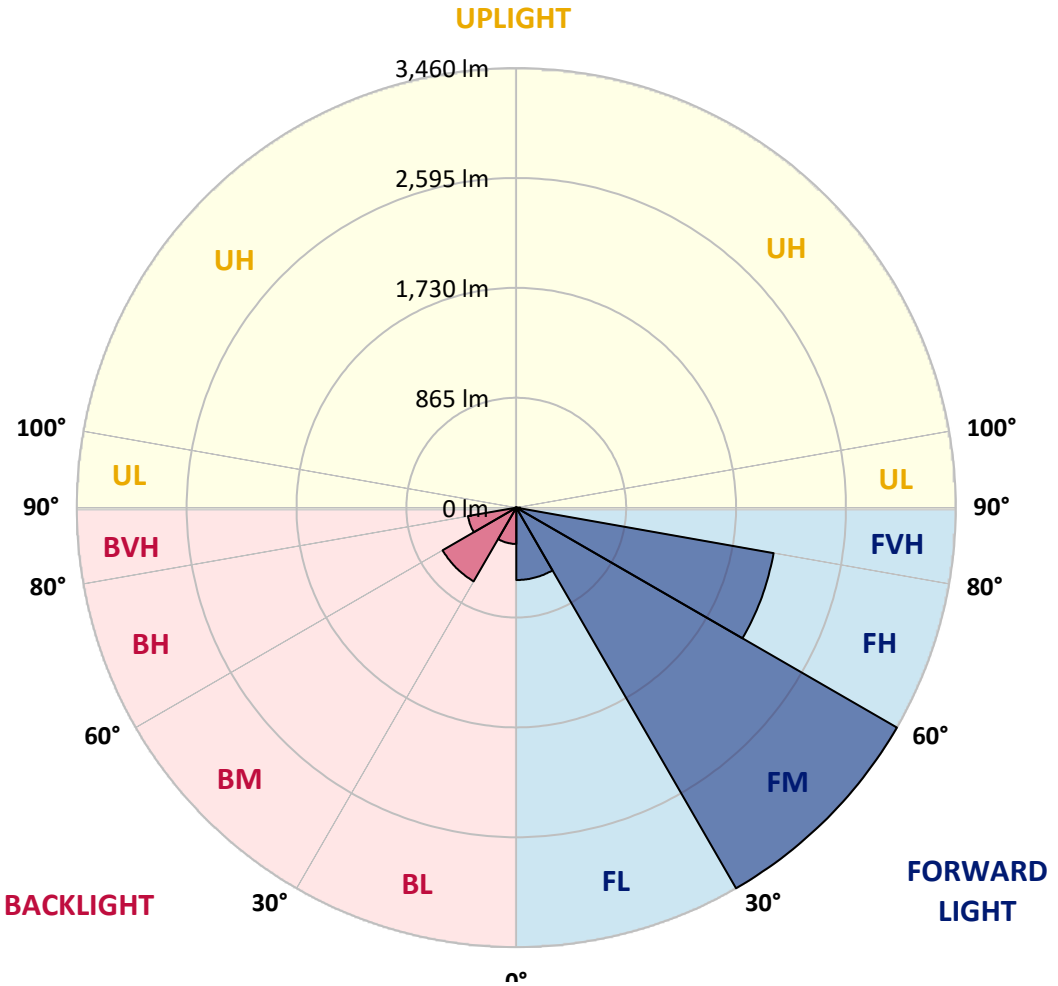
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	569.9	7.6			
FM	(30°-60°)	3459.8	46.3			
FH	(60°-80°)	2056.6	27.5			G2/5000
FVH	(80°-90°)	30.6	0.4			G1/100
BL	(0°-30°)	285.8	3.8	B1/500		
BM	(30°-60°)	669.7	9.0	B1/1000		
BH	(60°-80°)	386.2	5.2	B1/500		G1/500
BVH	(80°-90°)	11.5	0.2			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 II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	1237.5	1237.5	1237.5	1237.5	1237.5	1237.5	1237.5	1237.5	1237.5	*1237.5*	1237.5
2.5°	1308.0	1315.5	1311.2	1309.1	1305.3	1299.9	1295.6	1282.2	1268.2	*1259.0*	1255.8
5°	1334.3	1341.9	1341.3	1343.5	1346.2	1347.8	1346.7	1331.6	1311.7	*1296.1*	1287.0
7.5°	1311.7	1320.4	1327.3	1338.1	1356.9	1376.8	1386.5	1383.3	1362.8	*1341.3*	1330.0
10°	1247.7	1256.9	1273.6	1298.8	1338.6	1381.7	1417.7	1434.4	1421.5	*1397.8*	1382.2
12.5°	1130.5	1139.6	1172.4	1227.3	1294.0	1368.8	1437.6	1482.2	1485.5	*1461.8*	1443.5
15°	998.7	1007.9	1042.8	1111.7	1213.3	1333.3	1448.4	1532.8	1561.3	*1540.9*	1518.8
17.5°	917.0	925.1	951.4	1006.8	1112.8	1262.3	1444.6	1586.6	1651.6	*1635.5*	1609.2
20°	892.2	899.2	911.6	950.3	1038.5	1188.6	1419.8	1637.1	1749.0	*1739.9*	1710.3
22.5°	918.6	925.1	928.8	946.0	1001.4	1140.2	1388.7	1688.8	1861.9	*1863.0*	1827.0
25°	979.4	985.8	981.5	992.3	1016.5	1125.1	1376.8	1749.5	2003.9	*2015.8*	1974.9
27.5°	1079.4	1079.9	1069.7	1069.2	1073.0	1147.7	1389.2	1814.6	2183.0	*2205.1*	2154.5
30°	1280.0	1271.9	1232.7	1190.2	1170.8	1215.5	1423.6	1891.5	2394.4	*2433.6*	2370.2
32.5°	1589.3	1577.4	1505.4	1403.7	1301.5	1324.7	1485.5	1979.2	2624.6	*2695.6*	2618.1
35°	1924.9	1921.6	1846.3	1695.2	1516.7	1480.1	1586.0	2094.3	2875.7	*2988.7*	2896.7
37.5°	2236.8	2235.2	2192.2	2014.1	1796.9	1696.8	1747.4	2244.9	3144.6	*3308.1*	3199.5
40°	2521.8	2526.7	2483.7	2324.5	2105.6	1974.9	1966.8	2431.0	3443.7	*3656.1*	3527.0
42.5°	2768.2	2773.5	2730.0	2612.2	2410.5	2282.5	2236.3	2659.0	3735.7	*4029.9*	3877.2
45°	2935.4	2968.8	2962.3	2868.2	2723.5	2590.7	2560.0	2945.1	4068.6	*4426.3*	4247.2
47.5°	2982.8	3013.4	3061.8	3074.7	2986.5	2855.8	2892.4	3289.9	4405.3	*4823.2*	4619.3
50°	2866.0	2894.6	2995.1	3129.0	3190.4	3150.0	3215.6	3659.3	4750.0	*5219.0*	4984.5
52.5°	2635.9	2664.9	2791.8	3003.7	3253.8	3380.7	3539.9	4023.4	5084.0	*5593.9*	5330.3
55°	2302.9	2333.6	2496.6	2736.4	3132.8	3475.9	3810.5	4387.0	5390.0	*5931.1*	5642.3
57.5°	1850.1	1872.7	2042.1	2377.7	2828.4	3381.3	4010.0	4783.9	5678.3	*6262.4*	5951.5
60°	1205.8	1225.7	1422.5	1796.9	2323.9	3065.0	4049.8	5226.5	6061.2	*6693.2*	6368.3
62.5°	801.9	815.3	932.0	1206.9	1636.6	2457.8	3816.9	5579.9	6622.7	*7442.9*	7083.1
65°	550.2	563.6	680.3	871.8	1057.4	1625.8	3147.3	5533.1	7131.5	*8038.3*	7612.9
67.5°	*392.6*	*403.9*	*502.9*	*683.6*	*765.3*	*944.4*	*2133.5*	*4935.0*	*7058.4*	*8060.9*	*7641.4*
70°	281.3	287.7	369.5	532.4	608.3	567.4	1186.4	3774.4	6180.1	*7443.4*	7059.4
72.5°	196.8	199.0	256.5	405.5	490.0	414.1	564.7	2516.5	4674.2	*5842.3*	5472.9
75°	133.4	136.1	172.6	297.4	393.1	316.2	299.0	1349.4	2744.0	*3233.9*	2898.9
77.5°	81.7	82.8	111.3	203.3	294.2	240.9	192.5	571.7	1061.7	*1042.3*	888.5
80°	46.3	46.3	71.0	126.4	200.6	155.4	135.0	243.1	336.1	*295.3*	260.3
82.5°	25.8	26.4	51.6	78.5	132.8	92.0	74.2	112.4	145.2	*128.5*	111.9
85°	10.8	11.8	31.7	37.1	63.5	45.7	30.1	47.3	53.8	*47.9*	35.0
87.5°	1.1	1.6	9.7	7.0	7.5	9.1	4.3	9.1	7.5	*7.5*	5.4
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°	1237.5	1237.5	1237.5	1237.5	1237.5	1237.5	1237.5	1237.5	1237.5	1237.5	1237.5
2.5°	1245.6	1237.5	1217.1	1193.4	1162.2	1147.2	1126.7	1112.8	1100.9	1102.0	1091.2
5°	1269.8	1249.4	1203.6	1146.6	1075.6	1025.1	971.3	934.2	904.1	897.6	883.1
7.5°	1303.1	1270.9	1190.7	1088.0	968.1	877.2	796.0	743.8	706.7	694.9	683.0
10°	1346.2	1299.4	1174.1	1014.3	841.7	726.1	638.9	598.1	572.8	564.2	557.7
12.5°	1396.2	1332.2	1152.0	924.5	711.5	600.2	544.8	524.4	516.3	513.6	512.0
15°	1459.1	1373.1	1118.7	818.0	601.3	523.3	499.6	496.9	498.0	496.9	496.4
17.5°	1533.9	1417.7	1064.3	708.3	527.1	484.0	475.4	477.6	480.3	479.7	478.7
20°	1615.6	1461.8	995.0	611.0	476.5	456.1	451.2	453.4	455.5	454.5	453.9
22.5°	1708.7	1509.1	918.1	535.1	442.6	430.3	424.9	425.4	425.4	423.3	422.2
25°	1820.0	1561.3	837.4	481.3	416.8	407.1	400.7	398.5	395.3	388.8	387.8
27.5°	1952.8	1616.7	759.9	443.7	396.4	387.2	379.7	374.3	366.3	355.5	354.4
30°	2102.3	1683.9	694.3	420.0	380.2	371.1	362.5	354.4	342.6	329.1	328.1
32.5°	2278.2	1756.0	646.5	404.4	365.7	356.0	345.8	336.1	323.2	309.8	310.3
35°	2488.0	1843.1	618.5	393.7	354.4	341.5	330.2	319.5	309.8	298.0	296.9
37.5°	2715.5	1935.6	609.9	388.3	346.9	327.0	314.1	306.6	305.5	298.5	298.0
40°	2964.5	2045.3	616.3	385.1	338.8	313.0	299.0	297.4	300.1	287.7	288.3
42.5°	3228.0	2175.5	627.1	381.3	327.5	299.0	285.6	285.6	283.4	266.2	266.2
45°	3513.0	2325.5	637.9	372.2	314.1	285.0	274.8	271.1	261.9	245.2	244.7
47.5°	3800.2	2478.3	645.9	355.5	298.0	273.2	264.1	255.5	242.0	227.0	226.4
50°	4072.9	2615.4	637.3	330.8	279.7	261.9	252.2	240.4	225.9	215.7	214.1
52.5°	4316.6	2734.3	600.7	301.7	260.3	250.1	241.5	229.1	217.3	206.5	205.4
55°	4528.5	2830.6	536.2	274.3	243.1	239.9	231.3	215.7	199.5	190.4	189.3
57.5°	4731.7	2903.7	455.5	251.7	227.5	228.6	215.7	201.7	186.6	176.9	175.9
60°	5002.3	3001.6	373.8	230.7	210.8	214.1	200.1	189.9	171.0	158.7	157.0
62.5°	5434.7	3153.8	296.9	204.9	191.5	192.5	186.6	174.3	151.7	137.1	136.1
65°	5777.8	3097.8	234.0	176.9	169.4	171.0	171.0	157.6	133.4	116.7	115.1
67.5°	*5739.1*	*2652.5*	*186.6*	*149.5*	*148.4*	*149.5*	*153.3*	*142.0*	*118.3*	*104.9*	*102.7*
70°	5286.8	2109.9	149.5	124.2	129.1	126.4	137.1	129.6	106.5	93.0	91.4
72.5°	4313.9	1519.9	114.0	102.7	99.0	103.3	123.7	116.7	88.7	73.7	72.1
75°	2520.8	811.0	85.0	81.2	71.5	86.1	109.7	99.5	67.8	54.3	52.7
77.5°	820.7	282.9	62.4	59.7	53.2	69.4	93.6	83.9	55.4	43.0	41.4
80°	220.0	85.5	42.5	39.3	34.4	51.6	74.2	66.7	39.8	28.0	27.4
82.5°	88.2	36.0	24.7	22.1	18.8	35.5	58.6	53.8	29.6	17.7	17.7
85°	28.5	11.8	9.1	7.0	8.6	22.1	35.0	36.6	21.0	9.1	7.0
87.5°	3.8	1.6	1.6	2.2	1.6	3.8	10.8	10.2	5.9	1.1	0.0
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)