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: P1202626

Luminaire Tested: GWC-SB2A-735-U-SL3-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202626
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-13)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2A-735-U-SL3-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7223 lumens
Efficiency:	N/A
Efficacy:	126.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	57.3
Input Voltage (V):	120.0
Input Current (Ain):	0.484
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.038
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

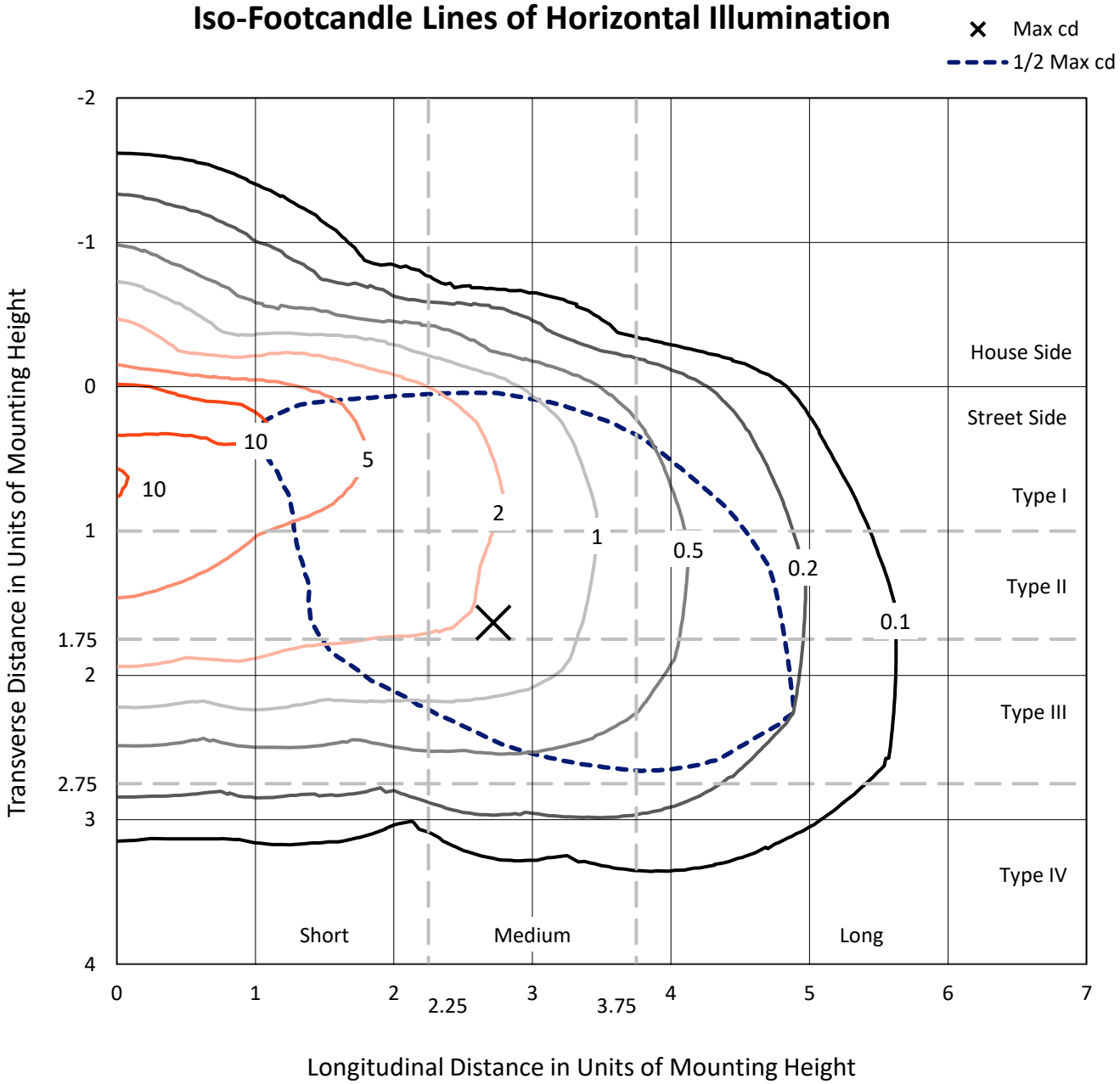


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Iso-Footcandle Lines of Horizontal Illumination



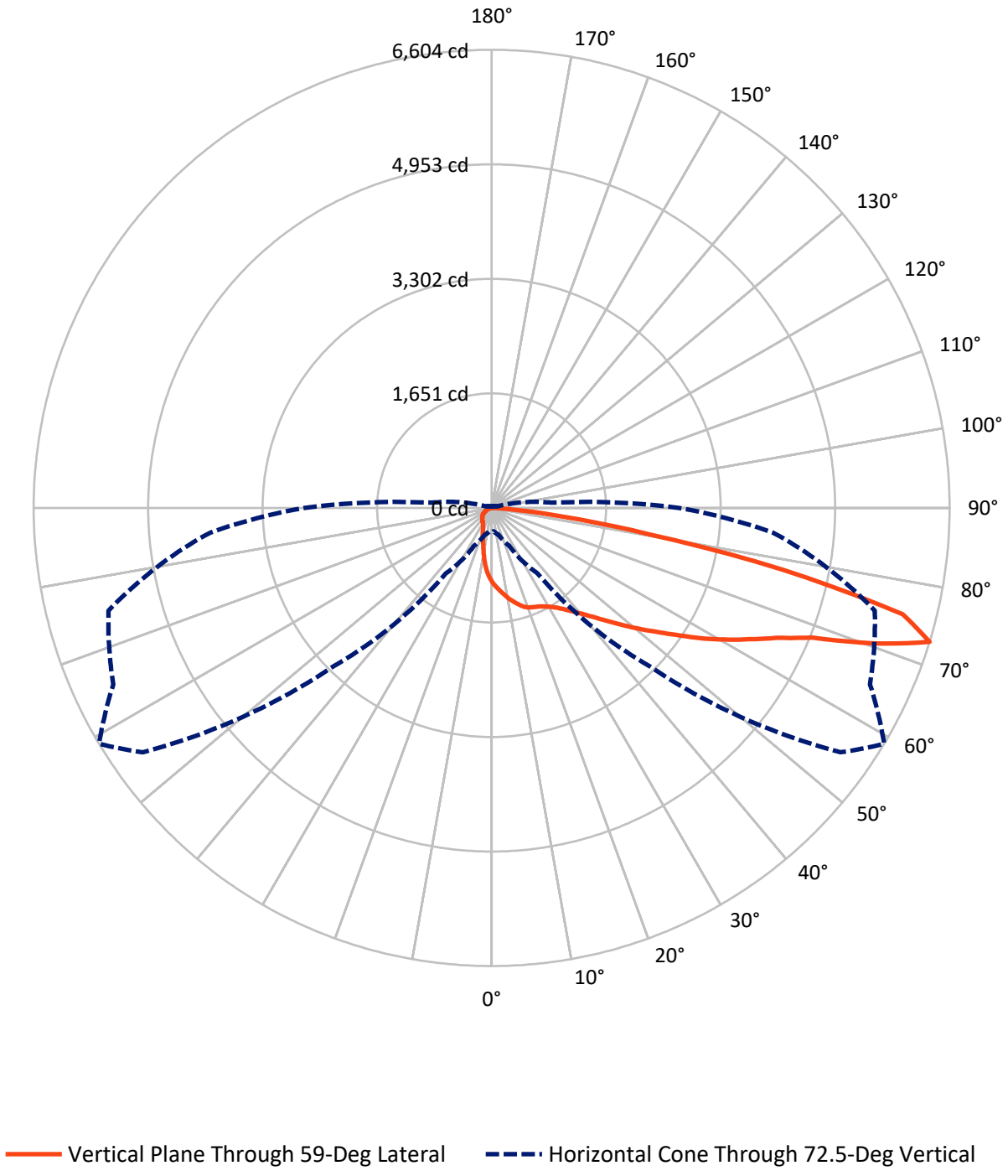
Based on 10 foot mounting height. Maximum calculated value = 13.2 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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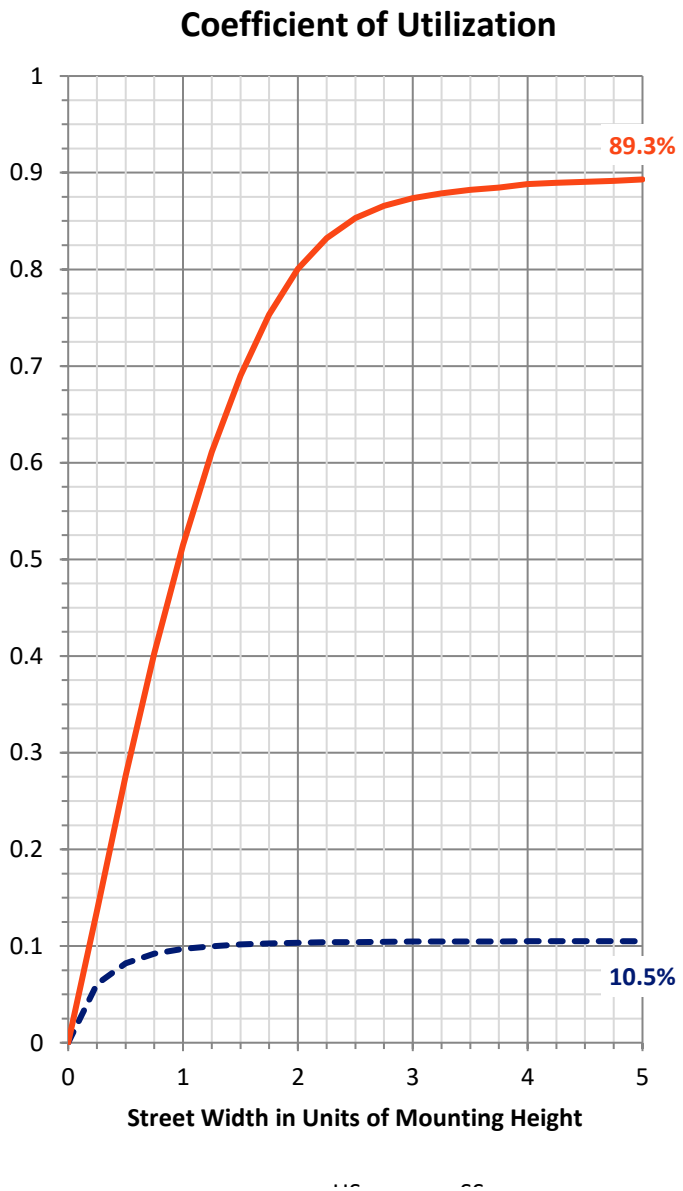
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	762.9	0.0	762.9
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	6460.1	0.0	6460.1
	% Fixture	89.4	0.0	89.4
Total	Lumens	7223.0	0.0	7223.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.6	1.3
10°-20°	256.7	3.6
20°-30°	406.8	5.6
30°-40°	652.8	9.0
40°-50°	1042.7	14.4
50°-60°	1509.7	20.9
60°-70°	1791.6	24.8
70°-80°	1330.0	18.4
80°-90°	136.0	1.9
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°	7223.0	100.0
0°-180°	7223.0	100.0



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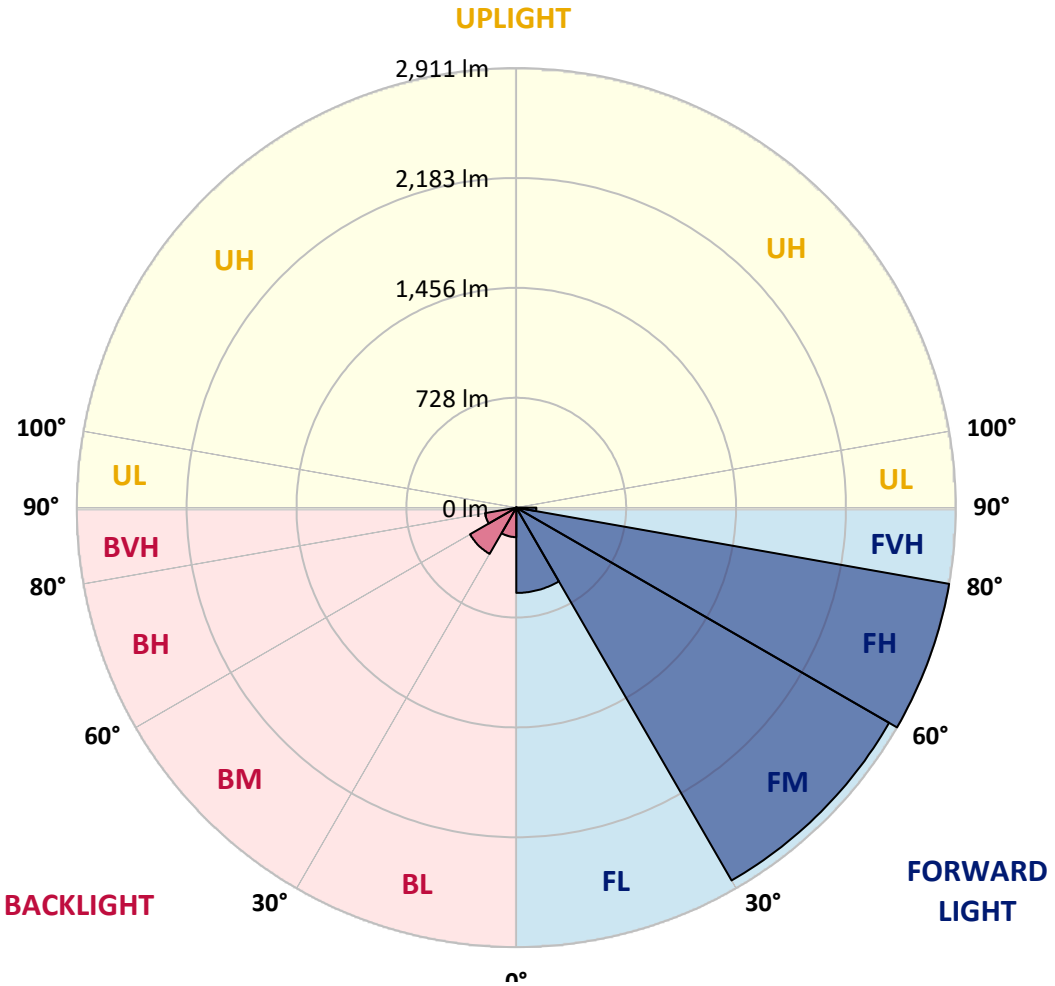
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	564.7	7.8			
FM	(30°-60°)	2851.5	39.5			
FH	(60°-80°)	2911.3	40.3			G2/5000
FVH	(80°-90°)	132.6	1.8			G2/225
BL	(0°-30°)	195.4	2.7	B1/500		
BM	(30°-60°)	353.7	4.9	B1/1000		
BH	(60°-80°)	210.4	2.9	B1/500		G1/500
BVH	(80°-90°)	3.4	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	1068.1	1068.1	1068.1	1068.1	1068.1	1068.1	1068.1	*1068.1*	1068.1	1068.1	1068.1
2.5°	1185.1	1178.5	1179.4	1168.1	1160.1	1151.6	1135.1	*1132.7*	1120.9	1100.2	1079.0
5°	1288.3	1284.1	1280.3	1267.6	1251.1	1230.3	1202.5	*1192.6*	1170.9	1135.1	1093.6
7.5°	1363.8	1358.6	1360.5	1347.8	1334.5	1311.4	1273.2	*1254.9*	1226.1	1171.4	1108.7
10°	1378.4	1375.6	1387.8	1392.6	1392.6	1377.9	1340.7	*1322.3*	1280.3	1210.5	1124.2
12.5°	1296.4	1296.8	1327.5	1364.3	1412.4	1426.0	1401.0	*1381.2*	1339.7	1252.0	1144.0
15°	1200.6	1201.1	1230.8	1278.0	1356.7	1435.5	1455.3	*1442.5*	1399.6	1296.8	1167.1
17.5°	1143.1	1140.7	1160.5	1199.2	1281.7	1392.6	1488.3	*1496.8*	1461.9	1346.3	1192.6
20°	1135.1	1130.8	1141.2	1160.5	1219.5	1338.8	1492.1	*1532.1*	1526.0	1402.5	1221.8
22.5°	1184.1	1177.5	1171.9	1172.8	1197.8	1294.0	1482.6	*1551.9*	1592.0	1469.9	1261.9
25°	1281.3	1270.9	1252.5	1228.9	1223.7	1284.6	1476.0	*1573.6*	1653.3	1556.2	1314.7
27.5°	1400.1	1385.5	1350.1	1314.7	1284.6	1311.0	1489.7	*1608.1*	1722.7	1656.6	1376.0
30°	1530.7	1512.8	1477.4	1410.5	1362.4	1369.9	1522.2	*1653.3*	1811.3	1770.3	1452.9
32.5°	1722.7	1681.2	1619.4	1517.0	1453.4	1433.6	1571.3	*1710.9*	1921.2	1921.7	1564.2
35°	1887.2	1864.1	1801.9	1674.6	1543.9	1518.0	1635.9	*1792.0*	2073.5	2122.1	1719.8
37.5°	1995.2	1963.6	1908.9	1813.2	1684.5	1604.8	1722.2	*1891.5*	2234.8	2350.3	1911.8
40°	2115.9	2084.8	2012.2	1922.1	1847.6	1753.8	1831.1	*2006.1*	2411.6	2584.7	2131.0
42.5°	2261.7	2221.1	2135.3	2038.1	1960.3	1949.9	1973.5	*2149.0*	2593.2	2839.3	2359.3
45°	2432.8	2394.6	2296.1	2173.5	2105.1	2086.7	2152.7	*2315.4*	2795.5	3118.5	2589.9
47.5°	2593.2	2548.8	2442.7	2331.0	2255.1	2197.1	2343.2	*2512.1*	3024.7	3410.4	2807.7
50°	2729.5	2684.2	2587.0	2467.7	2416.3	2340.4	2530.5	*2731.3*	3252.0	3707.0	3006.7
52.5°	2822.8	2782.7	2668.6	2587.5	2552.6	2514.4	2749.7	*2963.8*	3478.3	3978.6	3203.4
55°	2801.6	2765.8	2665.3	2659.7	2657.3	2697.4	3011.9	*3227.4*	3708.9	4235.7	3399.1
57.5°	2734.2	2693.6	2568.2	2654.5	2737.9	2860.6	3295.8	*3539.1*	3961.7	4478.0	3587.7
60°	2535.6	2521.5	2445.1	2644.6	2771.9	3020.4	3620.3	*3852.3*	4235.2	4691.2	3755.1
62.5°	2115.5	2127.7	2127.3	2665.3	2833.2	3202.4	3915.0	*4169.2*	4502.6	4896.3	3904.1
65°	1584.0	1626.5	1680.7	2478.6	2915.3	3527.4	4267.3	*4512.9*	4774.2	5134.9	4055.5
67.5°	1064.3	1098.3	1135.1	2033.4	2671.0	3868.8	4852.5	*4984.0*	5099.6	5399.5	4225.8
70°	609.3	620.1	671.5	1269.9	2058.9	3774.5	5805.5	*5853.1*	5584.8	5725.4	4349.8
72.5°	*341.4*	*337.6*	*405.6*	*602.7*	*1150.6*	*3232.2*	*6139.4*	*6603.9*	*6019.1*	*5720.2*	*4073.0*
75°	228.2	228.7	279.2	380.1	448.5	2262.6	5290.6	*6123.4*	5758.8	5072.2	3327.9
77.5°	155.6	160.8	205.1	293.8	207.5	1103.9	3500.0	*4289.4*	4662.4	3916.9	2297.5
80°	67.4	67.9	135.3	210.8	140.1	351.3	1814.6	*2298.0*	2924.2	2199.4	910.1
82.5°	34.9	39.6	86.3	136.3	88.2	123.1	857.3	*1004.0*	1227.0	645.6	186.7
85°	12.3	14.6	53.3	67.0	44.3	43.9	298.5	*304.2*	259.8	97.1	51.4
87.5°	0.0	2.4	20.7	16.5	5.7	5.2	35.4	*29.7*	23.6	13.7	17.0
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°	1068.1	1068.1	1068.1	1068.1	1068.1	1068.1	1068.1	1068.1	1068.1	1068.1	1068.1
2.5°	1069.1	1056.3	1035.6	1010.1	980.4	964.4	941.3	927.1	914.4	914.8	925.2
5°	1070.5	1049.2	996.4	940.3	878.1	832.3	781.4	745.6	718.2	711.6	721.5
7.5°	1074.7	1038.9	952.6	859.2	755.5	678.6	608.3	564.0	539.0	532.4	539.0
10°	1080.4	1027.6	903.1	760.2	631.4	539.0	480.5	452.2	440.9	432.4	437.6
12.5°	1085.1	1015.8	840.8	657.8	521.1	448.9	404.6	381.0	371.1	365.0	368.3
15°	1093.1	1000.2	773.4	562.6	446.6	387.6	345.7	328.2	325.4	326.3	327.7
17.5°	1101.1	985.1	697.9	488.1	391.9	333.9	308.4	305.6	309.4	313.1	314.5
20°	1110.1	963.4	621.5	432.0	341.4	296.6	290.0	291.9	293.8	300.4	302.3
22.5°	1123.3	936.1	554.6	384.3	299.4	278.7	275.4	276.8	278.2	284.8	286.7
25°	1142.1	906.8	500.3	340.5	273.0	264.1	260.8	260.8	262.7	268.8	271.2
27.5°	1162.0	865.3	456.5	299.9	257.5	248.0	242.4	242.4	244.7	251.8	254.6
30°	1184.1	827.6	422.1	269.7	244.3	232.0	224.5	222.6	225.4	234.4	236.7
32.5°	1224.2	803.1	397.5	255.6	232.5	217.4	207.0	201.8	204.7	215.0	217.9
35°	1285.0	797.4	380.6	248.5	221.2	204.2	189.6	181.6	183.9	194.8	198.1
37.5°	1356.2	809.2	364.1	239.1	210.3	191.5	172.1	161.7	165.5	175.4	178.3
40°	1458.6	858.3	351.3	232.0	199.5	176.4	154.7	144.3	150.4	158.9	160.3
42.5°	1582.1	945.5	348.0	225.4	186.3	160.3	138.6	131.1	135.8	143.8	145.2
45°	1735.4	1056.8	363.1	216.9	171.7	144.8	125.9	121.7	123.1	131.1	134.9
47.5°	1900.0	1170.9	404.6	209.4	158.9	132.0	116.0	112.2	111.3	118.8	123.6
50°	2066.4	1272.3	453.7	203.7	150.0	121.7	108.5	103.7	101.4	106.1	108.0
52.5°	2231.0	1352.9	485.7	194.3	141.0	111.3	101.9	94.8	90.5	92.9	94.8
55°	2397.9	1423.7	487.6	180.1	132.5	104.7	95.3	87.2	82.1	82.1	83.0
57.5°	2554.0	1485.9	459.8	161.3	120.7	98.6	86.3	79.7	74.0	72.2	72.6
60°	2692.2	1532.1	413.6	140.1	110.3	90.5	77.3	72.2	65.1	61.3	60.4
62.5°	2815.3	1554.8	350.4	118.4	97.6	81.1	68.8	63.2	53.8	49.0	48.6
65°	2919.5	1531.7	284.4	98.1	86.8	70.7	58.9	53.3	42.9	37.3	37.3
67.5°	3022.8	1426.0	215.0	82.5	75.5	59.4	48.6	43.4	35.8	31.1	31.1
70°	3036.0	1203.9	150.4	69.3	62.7	45.7	39.1	35.8	29.2	25.0	24.5
72.5°	*2702.6*	*866.3*	*91.5*	*56.6*	*49.0*	*32.5*	*31.1*	*28.3*	*21.7*	*18.9*	*18.4*
75°	2160.3	531.0	53.8	42.4	32.5	23.1	23.1	20.3	14.6	12.3	12.3
77.5°	1493.0	277.8	31.6	27.4	19.3	13.7	15.1	12.3	7.1	5.7	5.7
80°	598.0	105.6	17.0	12.7	9.0	6.1	5.2	2.8	1.4	0.9	1.4
82.5°	119.3	27.8	5.7	3.3	3.3	1.4	0.0	0.0	0.0	0.0	0.0
85°	30.7	6.1	1.4	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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


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(END OF REPORT)