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: P1202340

Luminaire Tested: GWC-SB1D-827-U-SL3-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202340
	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-SB1D-827-U-SL3-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 900mA LIGHTSQUARE WITH 26 LEDS 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:	7164 lumens
Efficiency:	N/A
Efficacy:	90.0 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - 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

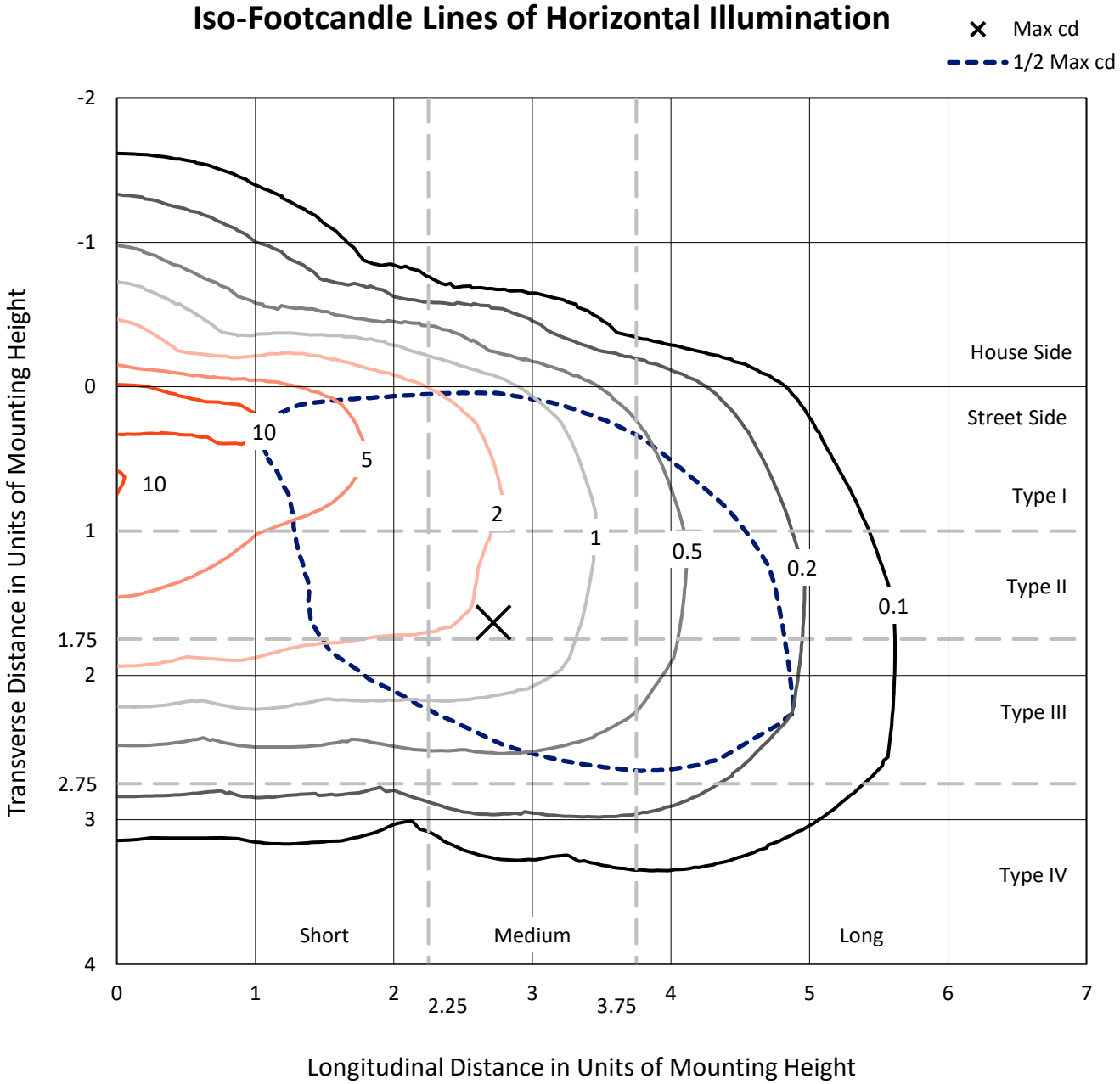


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Iso-Footcandle Lines of Horizontal Illumination



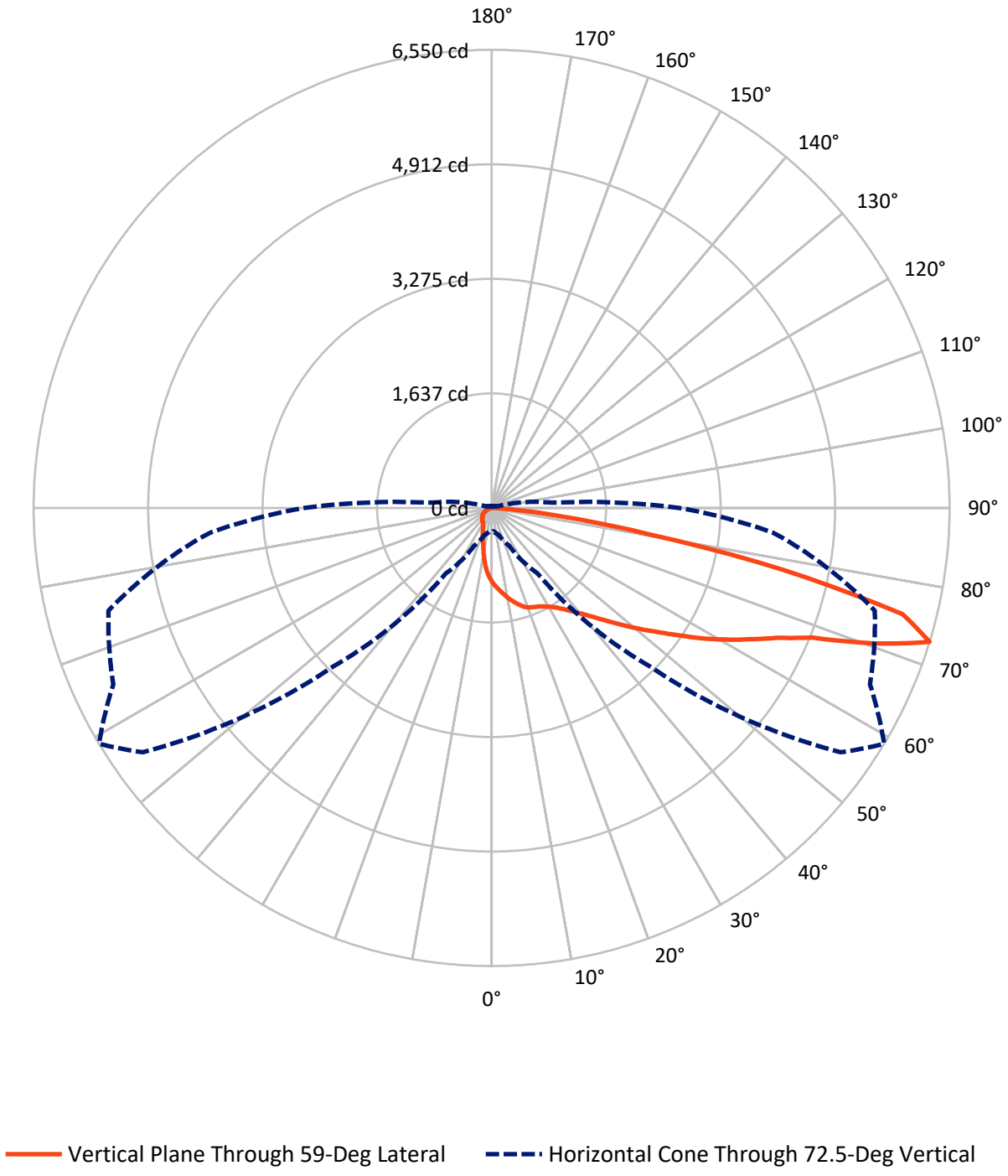
Based on 10 foot mounting height. Maximum calculated value = 13.1 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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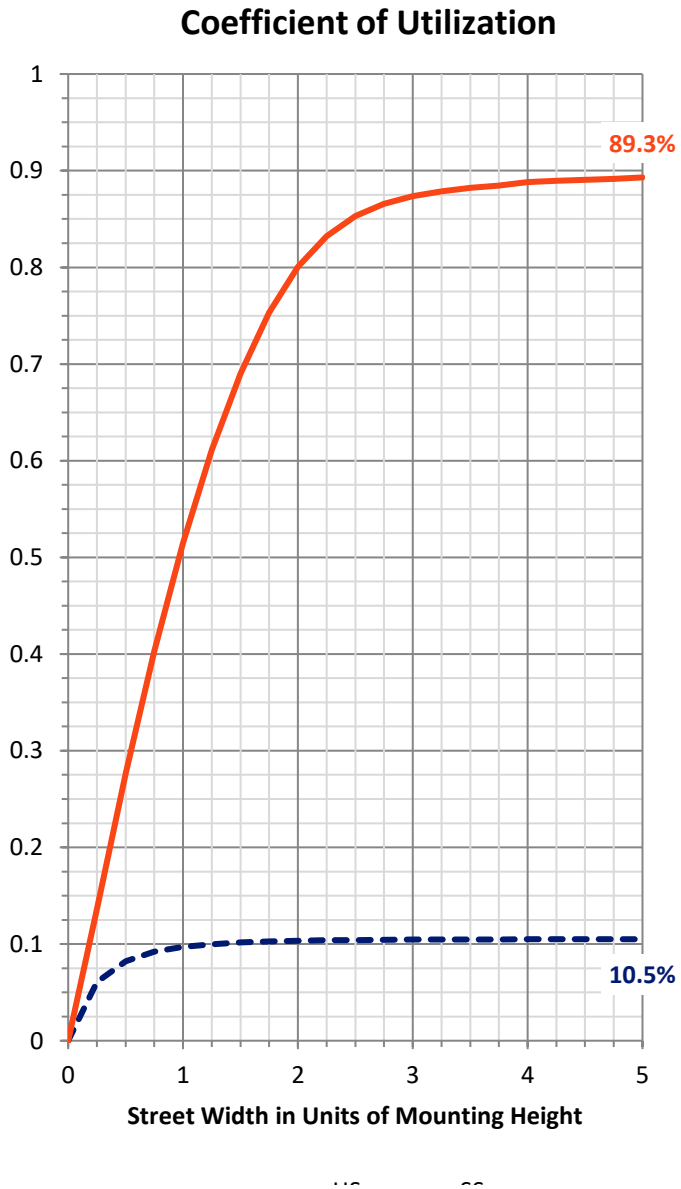
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	756.7	0.0	756.7
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	6407.3	0.0	6407.3
	% Fixture	89.4	0.0	89.4
Total	Lumens	7164.0	0.0	7164.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.8	1.3
10°-20°	254.6	3.6
20°-30°	403.5	5.6
30°-40°	647.5	9.0
40°-50°	1034.2	14.4
50°-60°	1497.4	20.9
60°-70°	1777.0	24.8
70°-80°	1319.2	18.4
80°-90°	134.9	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°	7164.0	100.0
0°-180°	7164.0	100.0



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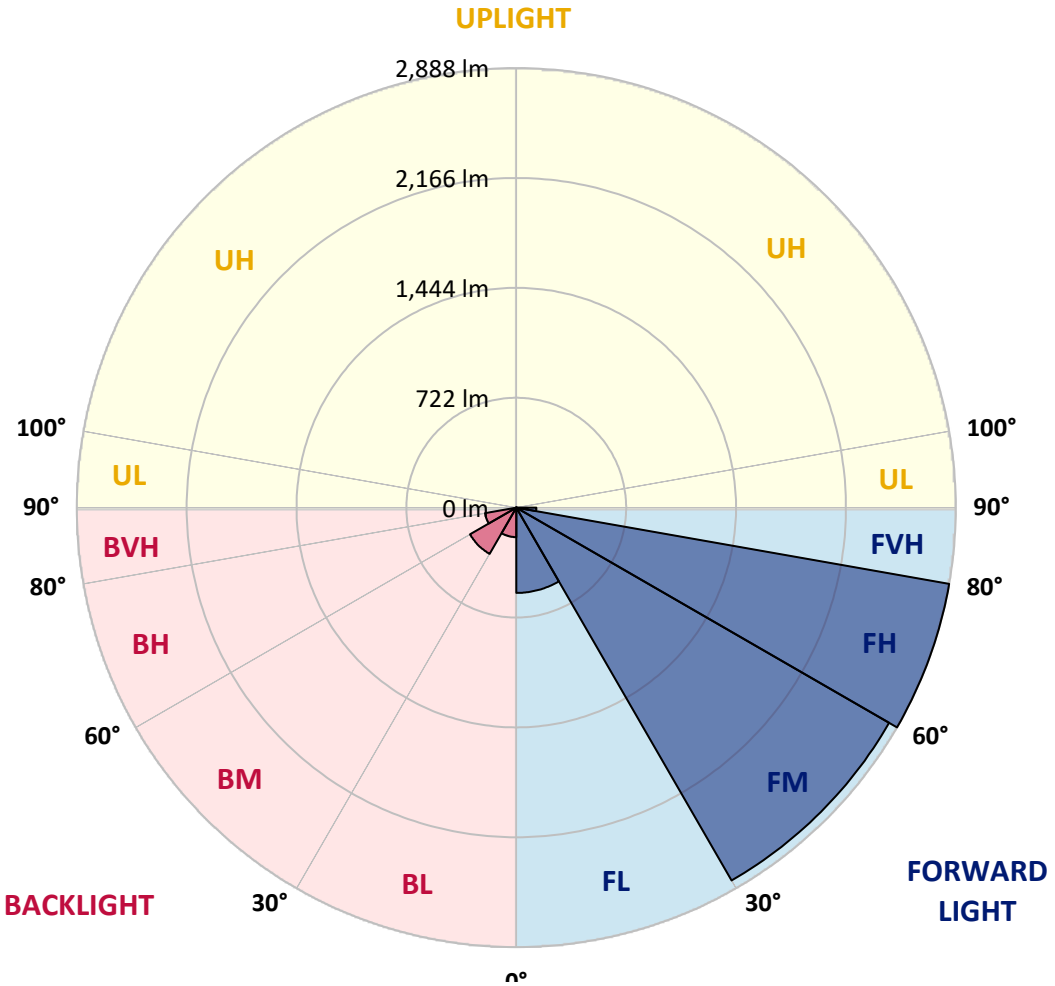
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	560.1	7.8			
FM	(30°-60°)	2828.2	39.5			
FH	(60°-80°)	2887.5	40.3			G2/5000
FVH	(80°-90°)	131.5	1.8			G2/225
BL	(0°-30°)	193.8	2.7	B1/500		
BM	(30°-60°)	350.8	4.9	B1/1000		
BH	(60°-80°)	208.7	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°	1059.4	1059.4	1059.4	1059.4	1059.4	1059.4	1059.4	*1059.4*	1059.4	1059.4	1059.4
2.5°	1175.4	1168.8	1169.8	1158.5	1150.6	1142.2	1125.8	*1123.5*	1111.8	1091.2	1070.1
5°	1277.8	1273.6	1269.9	1257.2	1240.9	1220.3	1192.7	*1182.9*	1161.3	1125.8	1084.6
7.5°	1352.6	1347.5	1349.4	1336.7	1323.6	1300.7	1262.8	*1244.6*	1216.1	1161.8	1099.6
10°	1367.1	1364.3	1376.5	1381.2	1381.2	1366.7	1329.7	*1311.5*	1269.9	1200.6	1115.0
12.5°	1285.8	1286.2	1316.6	1353.1	1400.8	1414.4	1389.6	*1370.0*	1328.8	1241.8	1134.7
15°	1190.8	1191.3	1220.7	1267.5	1345.6	1423.7	1443.4	*1430.8*	1388.2	1286.2	1157.6
17.5°	1133.8	1131.4	1151.1	1189.4	1271.3	1381.2	1476.1	*1484.5*	1449.9	1335.3	1182.9
20°	1125.8	1121.6	1131.9	1151.1	1209.5	1327.9	1479.9	*1519.6*	1513.5	1391.0	1211.9
22.5°	1174.4	1167.9	1162.3	1163.2	1188.0	1283.4	1470.5	*1539.3*	1579.0	1457.9	1251.6
25°	1270.8	1260.5	1242.3	1218.9	1213.7	1274.1	1464.0	*1560.8*	1639.8	1543.5	1304.0
27.5°	1388.7	1374.2	1339.1	1304.0	1274.1	1300.3	1477.5	*1594.9*	1708.6	1643.1	1364.8
30°	1518.2	1500.4	1465.4	1398.9	1351.2	1358.7	1509.8	*1639.8*	1796.5	1755.8	1441.0
32.5°	1708.6	1667.4	1606.1	1504.7	1441.5	1421.9	1558.4	*1696.9*	1905.5	1906.0	1551.4
35°	1871.8	1848.9	1787.2	1660.9	1531.3	1505.6	1622.5	*1777.3*	2056.6	2104.7	1705.8
37.5°	1978.9	1947.6	1893.3	1798.4	1670.7	1591.6	1708.1	*1876.0*	2216.5	2331.1	1896.1
40°	2098.7	2067.8	1995.8	1906.4	1832.5	1739.4	1816.2	*1989.7*	2391.9	2563.6	2113.6
42.5°	2243.2	2203.0	2117.8	2021.5	1944.3	1934.0	1957.4	*2131.4*	2572.0	2816.1	2340.0
45°	2413.0	2375.1	2277.3	2155.7	2087.9	2069.7	2135.1	*2296.5*	2772.6	3093.0	2568.7
47.5°	2572.0	2528.0	2422.8	2311.9	2236.6	2179.1	2324.1	*2491.5*	3000.0	3382.5	2784.8
50°	2707.2	2662.3	2565.9	2447.6	2396.6	2321.3	2509.8	*2709.0*	3225.4	3676.7	2982.2
52.5°	2799.8	2760.0	2646.8	2566.4	2531.8	2493.9	2727.3	*2939.6*	3449.9	3946.2	3177.2
55°	2778.7	2743.2	2643.6	2637.9	2635.6	2675.4	2987.3	*3201.1*	3678.6	4201.1	3371.3
57.5°	2711.8	2671.6	2547.2	2632.8	2715.6	2837.2	3268.9	*3510.2*	3929.3	4441.5	3558.4
60°	2514.9	2500.9	2425.1	2623.0	2749.3	2995.7	3590.7	*3820.8*	4200.6	4652.9	3724.5
62.5°	2098.2	2110.4	2109.9	2643.6	2810.1	3176.3	3883.0	*4135.1*	4465.8	4856.3	3872.3
65°	1571.1	1613.2	1667.0	2458.3	2891.4	3498.5	4232.4	*4476.1*	4735.2	5093.0	4022.4
67.5°	1055.6	1089.3	1125.8	2016.8	2649.2	3837.2	4812.8	*4943.3*	5057.9	5355.4	4191.2
70°	604.3	615.1	666.0	1259.6	2042.1	3743.6	5758.1	*5805.3*	5539.2	5678.6	4314.2
72.5°	*338.6*	*334.9*	*402.2*	*597.7*	*1141.2*	*3205.8*	*6089.2*	*6549.9*	*5970.0*	*5673.4*	*4039.7*
75°	226.4	226.8	276.9	377.0	444.8	2244.1	5247.3	*6073.3*	5711.8	5030.8	3300.7
77.5°	154.3	159.5	203.5	291.4	205.8	1094.9	3471.4	*4254.4*	4624.3	3884.9	2278.7
80°	66.9	67.4	134.2	209.1	138.9	348.5	1799.8	*2279.2*	2900.3	2181.4	902.7
82.5°	34.6	39.3	85.6	135.2	87.5	122.1	850.3	*995.8*	1217.0	640.3	185.2
85°	12.2	14.5	52.9	66.4	44.0	43.5	296.1	*301.7*	257.7	96.4	51.0
87.5°	0.0	2.3	20.6	16.4	5.6	5.1	35.1	*29.5*	23.4	13.6	16.8
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°	1059.4	1059.4	1059.4	1059.4	1059.4	1059.4	1059.4	1059.4	1059.4	1059.4	1059.4
2.5°	1060.3	1047.7	1027.1	1001.9	972.4	956.5	933.6	919.5	906.9	907.4	917.7
5°	1061.7	1040.7	988.3	932.6	870.9	825.5	775.0	739.5	712.3	705.8	715.6
7.5°	1065.9	1030.4	944.8	852.2	749.3	673.0	603.4	559.4	534.6	528.1	534.6
10°	1071.5	1019.2	895.7	754.0	626.3	534.6	476.6	448.5	437.3	428.9	434.0
12.5°	1076.2	1007.5	833.9	652.5	516.8	445.3	401.3	377.9	368.1	362.0	365.3
15°	1084.2	992.0	767.1	558.0	442.9	384.5	342.8	325.5	322.7	323.7	325.1
17.5°	1092.1	977.1	692.2	484.1	388.7	331.1	305.9	303.1	306.8	310.6	312.0
20°	1101.0	955.6	616.5	428.4	338.6	294.2	287.6	289.5	291.4	297.9	299.8
22.5°	1114.1	928.4	550.0	381.2	297.0	276.4	273.1	274.6	276.0	282.5	284.4
25°	1132.8	899.4	496.3	337.7	270.8	261.9	258.6	258.6	260.5	266.6	268.9
27.5°	1152.5	858.3	452.8	297.5	255.4	246.0	240.4	240.4	242.7	249.8	252.6
30°	1174.4	820.8	418.6	267.5	242.3	230.1	222.6	220.8	223.6	232.5	234.8
32.5°	1214.2	796.5	394.3	253.5	230.6	215.6	205.3	200.2	203.0	213.3	216.1
35°	1274.5	790.9	377.4	246.5	219.4	202.5	188.0	180.1	182.4	193.2	196.4
37.5°	1345.2	802.6	361.1	237.1	208.6	189.9	170.7	160.4	164.2	174.0	176.8
40°	1446.7	851.2	348.5	230.1	197.8	174.9	153.4	143.1	149.2	157.6	159.0
42.5°	1569.2	937.8	345.2	223.6	184.7	159.0	137.5	130.0	134.7	142.7	144.1
45°	1721.2	1048.2	360.1	215.2	170.2	143.6	124.9	120.7	122.1	130.0	133.8
47.5°	1884.4	1161.3	401.3	207.7	157.6	131.0	115.1	111.3	110.4	117.9	122.5
50°	2049.5	1261.9	449.9	202.1	148.7	120.7	107.6	102.9	100.6	105.2	107.1
52.5°	2212.8	1341.9	481.8	192.7	139.8	110.4	101.0	94.0	89.8	92.1	94.0
55°	2378.4	1412.0	483.6	178.7	131.4	103.8	94.5	86.5	81.4	81.4	82.3
57.5°	2533.2	1473.8	456.0	160.0	119.7	97.8	85.6	79.0	73.4	71.6	72.0
60°	2670.2	1519.6	410.2	138.9	109.4	89.8	76.7	71.6	64.5	60.8	59.9
62.5°	2792.3	1542.1	347.5	117.4	96.8	80.4	68.3	62.7	53.3	48.6	48.2
65°	2895.7	1519.2	282.0	97.3	86.1	70.2	58.5	52.9	42.6	36.9	36.9
67.5°	2998.1	1414.4	213.3	81.9	74.8	58.9	48.2	43.0	35.5	30.9	30.9
70°	3011.2	1194.1	149.2	68.8	62.2	45.4	38.8	35.5	29.0	24.8	24.3
72.5°	*2680.5*	*859.2*	*90.7*	*56.1*	*48.6*	*32.3*	*30.9*	*28.1*	*21.5*	*18.7*	*18.2*
75°	2142.6	526.7	53.3	42.1	32.3	22.9	22.9	20.1	14.5	12.2	12.2
77.5°	1480.8	275.5	31.3	27.1	19.2	13.6	15.0	12.2	7.0	5.6	5.6
80°	593.1	104.8	16.8	12.6	8.9	6.1	5.1	2.8	1.4	0.9	1.4
82.5°	118.3	27.6	5.6	3.3	3.3	1.4	0.0	0.0	0.0	0.0	0.0
85°	30.4	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)