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: P1201876

Luminaire Tested: GWC-SB1C-735-U-SL2-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201876
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-11)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1C-735-U-SL2-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE II SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6102 lumens
Efficiency:	N/A
Efficacy:	112.2 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):	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

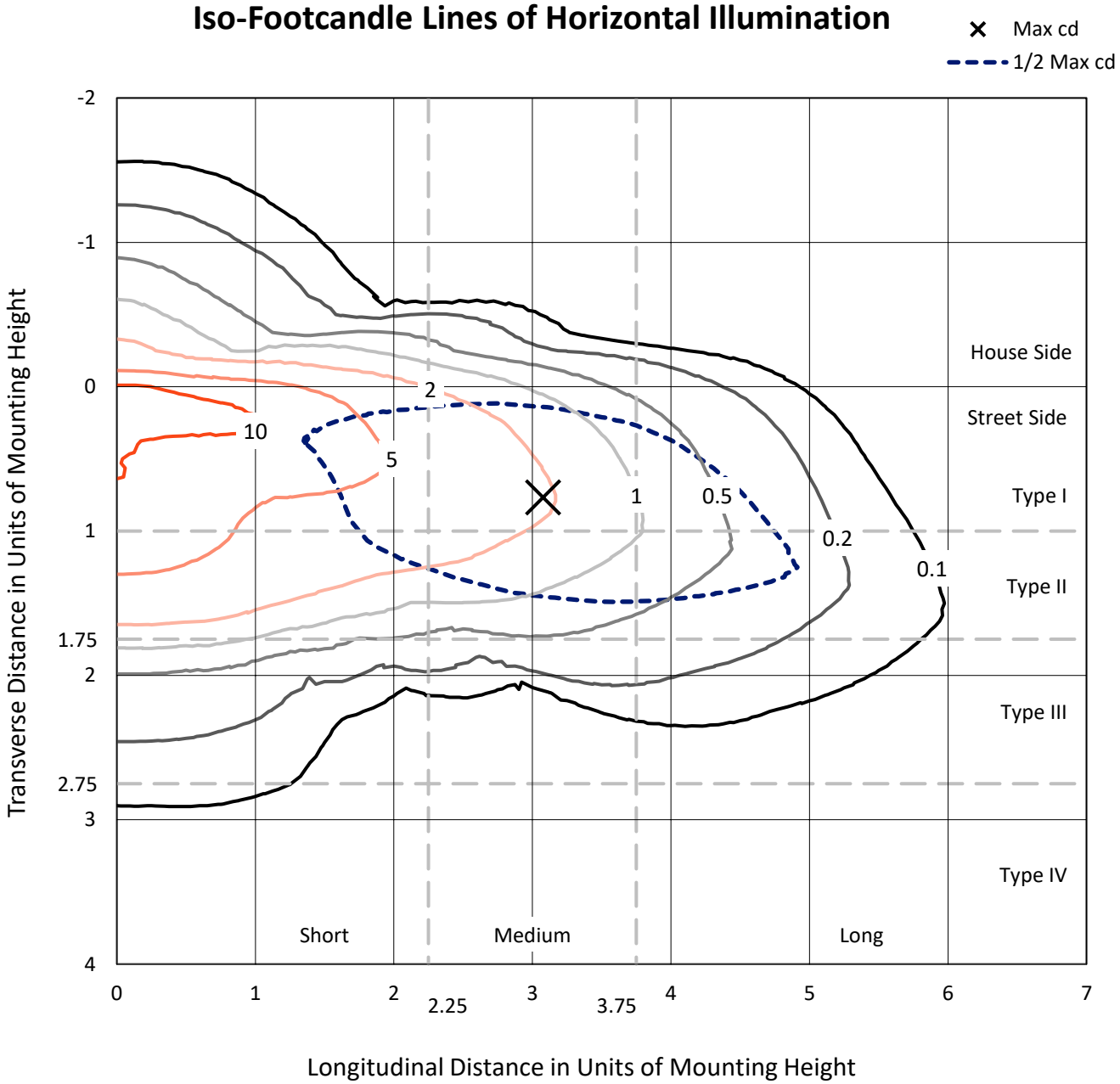


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Iso-Footcandle Lines of Horizontal Illumination



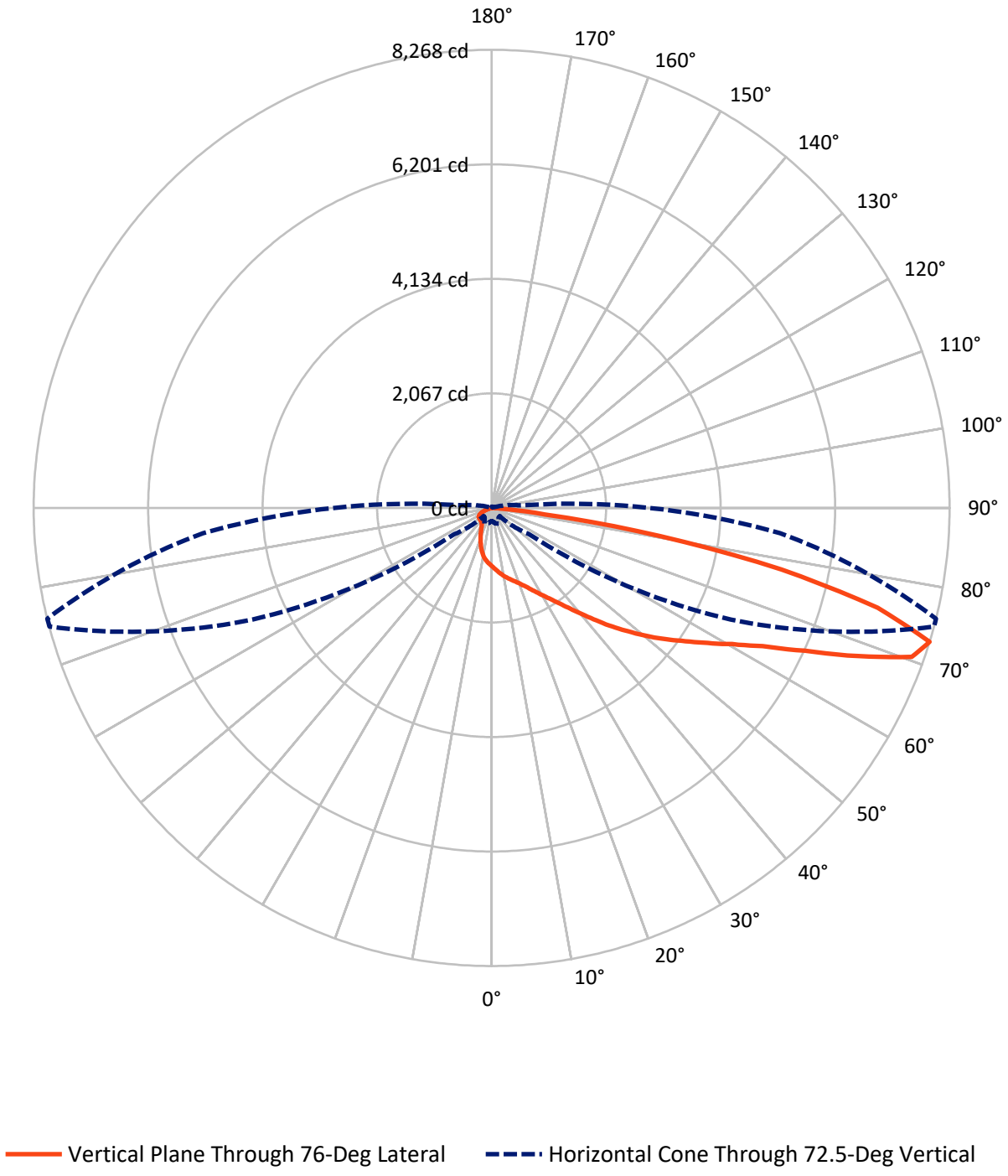
Based on 10 foot mounting height. Maximum calculated value = 13.9 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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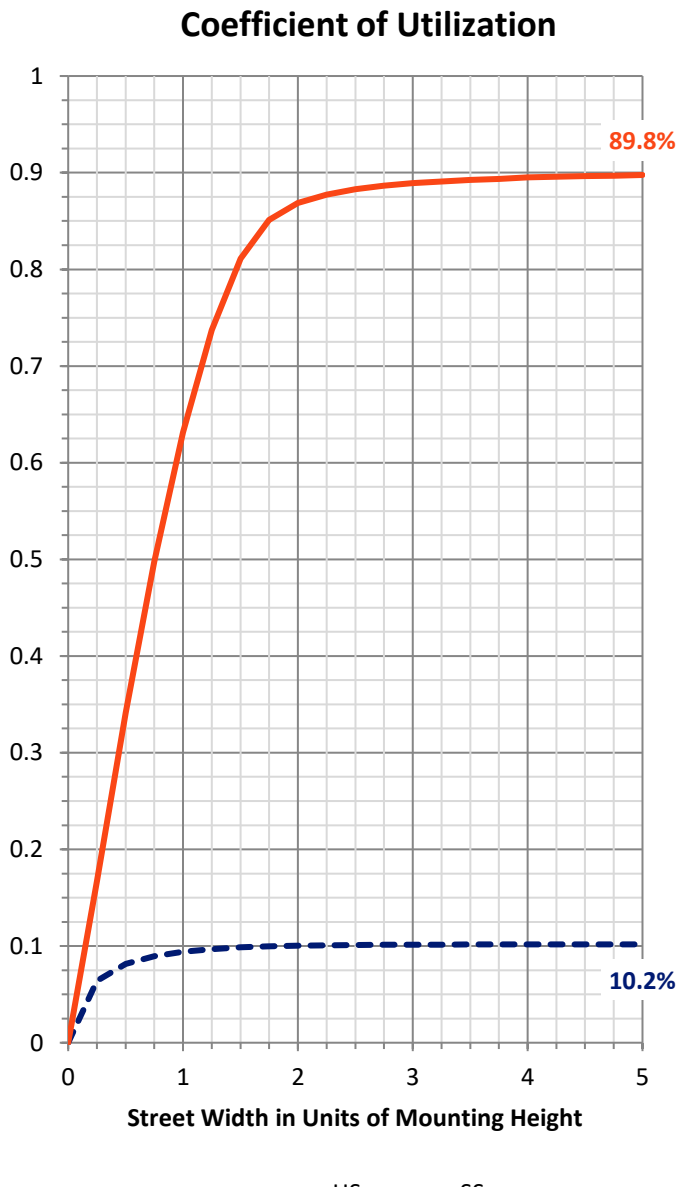
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	624.5	0.0	624.5
	% Fixture	10.2	0.0	10.2
Street Side	Lumens	5477.5	0.0	5477.5
	% Fixture	89.8	0.0	89.8
Total	Lumens	6102.0	0.0	6102.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.9	1.6
10°-20°	257.1	4.2
20°-30°	407.0	6.7
30°-40°	629.7	10.3
40°-50°	956.4	15.7
50°-60°	1318.5	21.6
60°-70°	1392.9	22.8
70°-80°	955.6	15.7
80°-90°	88.9	1.5
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°	6102.0	100.0
0°-180°	6102.0	100.0



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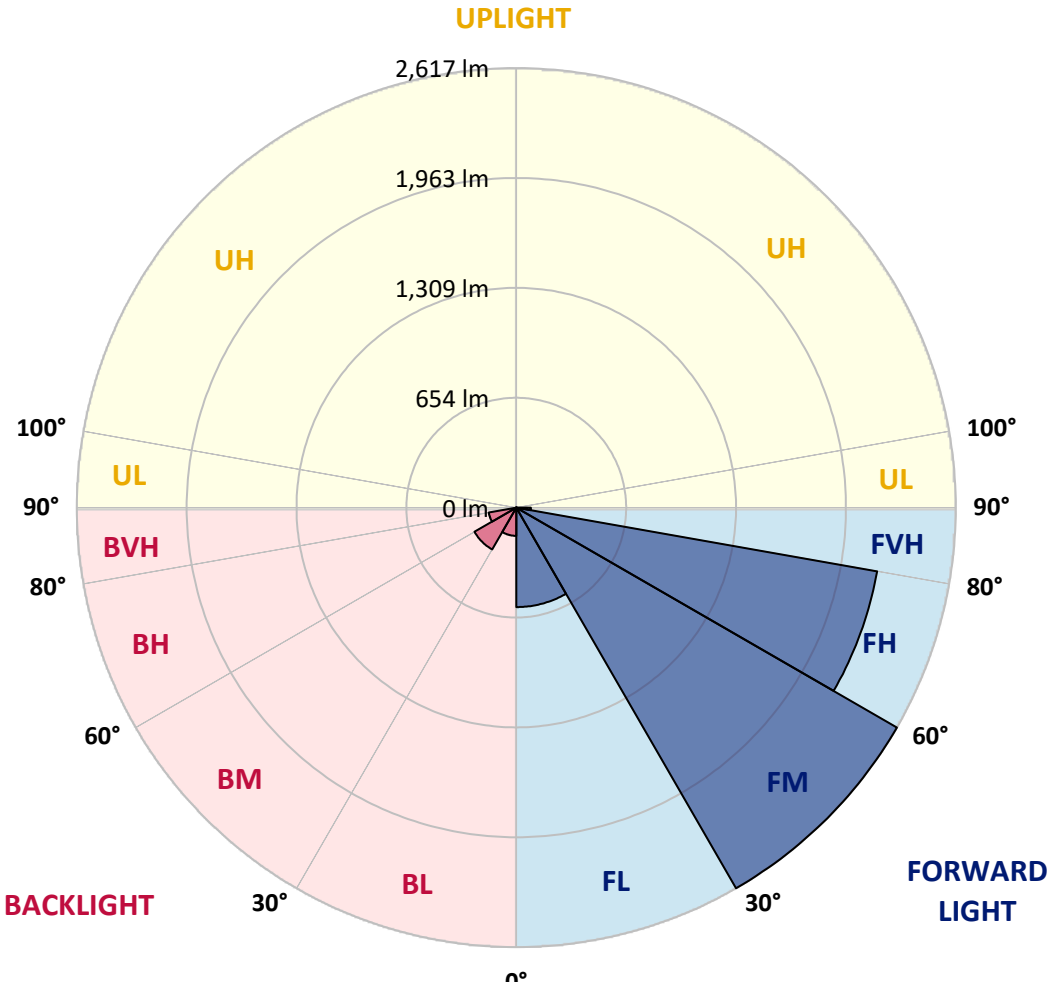
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	592.2	9.7			
FM	(30°-60°)	2617.0	42.9			
FH	(60°-80°)	2181.7	35.8			G2/5000
FVH	(80°-90°)	86.5	1.4			G1/100
BL	(0°-30°)	167.9	2.8	B1/500		
BM	(30°-60°)	287.5	4.7	B1/1000		
BH	(60°-80°)	166.7	2.7	B1/500		G1/500
BVH	(80°-90°)	2.4	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 II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	1054.5	1054.5	1054.5	1054.5	1054.5	1054.5	1054.5	1054.5	1054.5	*1054.5*	1054.5
2.5°	1225.9	1209.6	1212.8	1196.6	1189.1	1170.9	1151.9	1126.9	1099.2	*1099.2*	1072.3
5°	1354.9	1344.6	1344.6	1325.6	1311.0	1282.5	1248.4	1204.5	1152.2	*1147.1*	1096.0
7.5°	1434.1	1427.7	1431.7	1420.6	1408.7	1379.1	1338.7	1281.3	1207.3	*1200.9*	1124.1
10°	1449.5	1449.1	1460.2	1463.4	1471.3	1456.2	1420.2	1354.1	1261.5	*1252.4*	1148.3
12.5°	1389.7	1382.2	1409.5	1441.6	1486.7	1506.9	1488.3	1420.6	1311.0	*1298.3*	1170.9
15°	1291.6	1293.2	1319.3	1368.8	1444.0	1516.0	1540.2	1485.5	1361.2	*1346.2*	1192.2
17.5°	1235.4	1229.4	1252.0	1296.3	1379.5	1481.2	1564.3	1546.1	1414.7	*1397.7*	1214.0
20°	1228.6	1228.2	1233.4	1253.6	1316.9	1431.3	1561.5	1605.1	1477.6	*1457.8*	1245.3
22.5°	1275.3	1274.6	1270.2	1266.2	1283.7	1382.6	1549.7	1661.3	1552.8	*1531.4*	1289.6
25°	1347.0	1345.8	1339.1	1314.9	1297.9	1356.5	1538.6	1713.5	1641.9	*1618.1*	1343.4
27.5°	1434.5	1433.7	1421.4	1385.0	1341.1	1358.9	1533.0	1767.4	1744.8	*1721.4*	1405.6
30°	1541.7	1540.2	1514.8	1463.4	1406.0	1396.5	1540.6	1827.9	1852.1	*1834.3*	1477.2
32.5°	1676.3	1672.0	1638.7	1561.1	1480.8	1446.7	1554.8	1890.1	1979.1	*1962.5*	1573.0
35°	1780.4	1773.7	1754.3	1685.8	1567.5	1508.5	1588.1	1963.7	2131.9	*2117.3*	1695.3
37.5°	1869.9	1863.1	1847.3	1791.1	1691.8	1587.3	1641.5	2061.9	2312.4	*2305.3*	1844.5
40°	1966.5	1955.4	1947.9	1887.7	1797.8	1700.9	1717.9	2176.6	2520.2	*2521.0*	2023.9
42.5°	2040.9	2036.5	2037.3	1991.0	1900.4	1835.4	1819.2	2306.1	2769.2	*2776.7*	2239.6
45°	2104.6	2101.0	2115.7	2083.2	2003.7	1923.7	1938.0	2452.5	3041.5	*3057.0*	2481.0
47.5°	2153.7	2157.6	2178.6	2157.6	2110.9	1985.9	2043.3	2610.5	3327.7	*3329.7*	2730.4
50°	2202.8	2204.4	2239.2	2228.9	2209.9	2064.6	2140.2	2787.0	3629.3	*3632.9*	2963.5
52.5°	2218.2	2215.8	2271.2	2296.6	2297.4	2162.0	2265.7	2979.4	3925.0	*3936.5*	3203.4
55°	2139.0	2145.8	2235.2	2338.1	2378.9	2296.6	2435.1	3222.8	4240.1	*4244.8*	3440.9
57.5°	1751.9	1789.1	1987.0	2225.7	2431.6	2489.3	2678.6	3507.4	4603.8	*4599.5*	3681.6
60°	1063.2	1107.5	1344.2	1866.7	2259.8	2682.9	3037.2	3948.4	5001.3	*4989.0*	3925.0
62.5°	594.5	608.0	683.6	1117.4	1718.7	2559.8	3387.5	4514.8	5534.8	*5493.3*	4164.5
65°	438.2	442.5	460.3	547.4	844.7	1968.8	3310.7	5192.0	6284.5	*6210.5*	4451.5
67.5°	380.8	385.1	402.6	414.4	377.2	1034.3	2727.6	5567.7	7236.5	*7139.5*	4839.8
70°	320.6	323.0	351.1	359.0	270.0	393.5	1752.3	5451.7	8117.6	*8048.3*	5256.6
72.5°	*239.1*	*248.6*	*289.3*	*308.3*	*216.5*	*209.0*	*824.9*	*4766.5*	*8266.8*	*8267.6*	*5228.5*
75°	162.3	171.0	217.7	253.7	167.0	146.5	332.9	3559.3	7198.5	*7198.5*	4583.3
77.5°	110.8	118.0	151.6	199.1	126.7	100.5	172.6	2259.0	5164.3	*5346.0*	3266.7
80°	49.1	53.4	97.8	144.5	96.2	64.9	97.8	1237.0	3123.1	*3084.7*	1280.5
82.5°	24.1	27.7	62.5	90.2	62.1	40.0	51.5	588.2	1012.1	*961.9*	199.9
85°	4.7	6.3	33.6	38.4	28.9	17.8	19.4	180.9	121.9	*139.3*	42.4
87.5°	0.0	0.0	10.3	7.1	3.2	4.0	4.0	16.2	9.5	*11.1*	11.1
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°	1054.5	1054.5	1054.5	1054.5	1054.5	1054.5	1054.5	1054.5	1054.5	1054.5	1054.5
2.5°	1058.0	1043.4	1011.3	979.7	947.2	917.5	896.9	876.4	863.7	858.1	858.9
5°	1066.4	1036.7	969.4	898.9	829.3	761.2	710.1	662.2	647.2	622.2	623.8
7.5°	1079.4	1031.1	925.0	806.3	693.1	593.3	521.3	463.9	440.9	418.8	418.4
10°	1088.1	1020.8	866.5	707.7	554.6	442.5	373.7	332.1	317.1	303.6	303.2
12.5°	1091.7	1001.8	799.2	597.3	431.4	337.2	296.1	276.7	271.5	266.8	266.8
15°	1094.9	983.2	724.0	490.8	340.8	282.2	266.0	259.7	256.1	252.9	252.9
17.5°	1097.6	959.5	638.1	399.0	287.8	260.1	252.1	245.4	242.6	239.1	239.1
20°	1107.1	936.5	561.3	329.3	258.9	244.2	235.5	228.4	226.0	223.6	224.0
22.5°	1124.9	917.9	486.9	282.2	241.5	228.0	216.9	209.0	207.4	205.8	204.6
25°	1146.3	895.0	416.8	251.7	224.4	209.4	197.1	190.4	188.8	189.2	188.4
27.5°	1173.6	869.6	356.6	232.3	209.4	192.0	178.1	173.0	173.8	175.4	174.6
30°	1203.7	846.3	309.5	218.9	195.9	176.5	162.7	159.1	161.9	164.3	163.5
32.5°	1248.4	825.7	276.7	208.2	184.1	163.9	152.8	148.4	151.6	154.8	154.0
35°	1309.4	815.4	258.1	199.1	173.8	154.0	142.9	139.7	142.9	143.7	143.3
37.5°	1384.2	814.6	250.2	191.6	164.3	145.7	133.4	132.2	134.6	135.0	134.2
40°	1480.8	819.8	244.2	186.0	154.4	136.2	124.7	123.5	124.3	127.1	126.7
42.5°	1603.1	841.1	235.9	178.9	143.7	126.7	117.6	114.8	114.4	117.6	117.2
45°	1756.7	888.2	224.8	167.4	134.2	118.7	109.6	106.5	105.3	106.1	107.3
47.5°	1924.1	946.0	213.7	156.7	127.5	112.4	103.3	99.4	97.4	97.4	97.4
50°	2086.4	1011.3	206.2	145.7	122.7	106.5	96.6	92.6	89.5	88.7	88.3
52.5°	2247.1	1075.5	200.3	134.6	117.2	99.0	90.2	85.9	82.3	80.7	80.0
55°	2393.6	1136.4	190.0	123.9	110.0	91.0	83.9	79.6	75.2	72.4	71.2
57.5°	2534.1	1187.1	171.0	112.8	99.0	83.5	77.2	72.4	67.3	63.7	62.1
60°	2661.9	1213.2	147.2	100.9	87.9	75.6	69.7	65.3	58.6	52.6	51.1
62.5°	2759.3	1202.9	121.5	87.5	76.4	68.5	61.0	56.6	48.7	41.6	38.8
65°	2859.0	1146.7	97.0	73.2	66.9	59.0	51.1	46.7	37.6	30.1	28.1
67.5°	2988.5	1026.8	76.4	61.0	57.8	46.7	40.0	37.2	30.9	23.7	22.2
70°	3071.6	797.6	59.4	49.5	47.5	34.0	30.9	30.5	24.5	18.2	16.2
72.5°	*2843.6*	*522.9*	*45.5*	*37.6*	*34.0*	*22.2*	*23.7*	*23.7*	*17.8*	*12.3*	*10.7*
75°	2373.8	306.0	32.9	26.9	19.4	14.2	16.2	16.2	11.1	5.9	4.7
77.5°	1695.3	163.1	21.8	16.6	9.9	6.3	8.7	8.3	3.6	0.4	0.0
80°	648.4	56.2	10.3	6.7	2.8	1.2	0.8	0.4	0.4	0.0	0.0
82.5°	99.0	14.6	2.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	17.8	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.0	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


HS
SS

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(END OF REPORT)