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: P1203003

Luminaire Tested: GWC-SB2B-735-U-SL4

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203003
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-9)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2B-735-U-SL4
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11161 lumens
Efficiency:	N/A
Efficacy:	151.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B2 - U0 - G3

Input Watts (W):	73.9
Input Voltage (V):	120.0
Input Current (Ain):	0.627
Voltage Rise (V):	NR
Power Factor:	0.988
Total Harmonic Distortion (THDi):	13.593
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

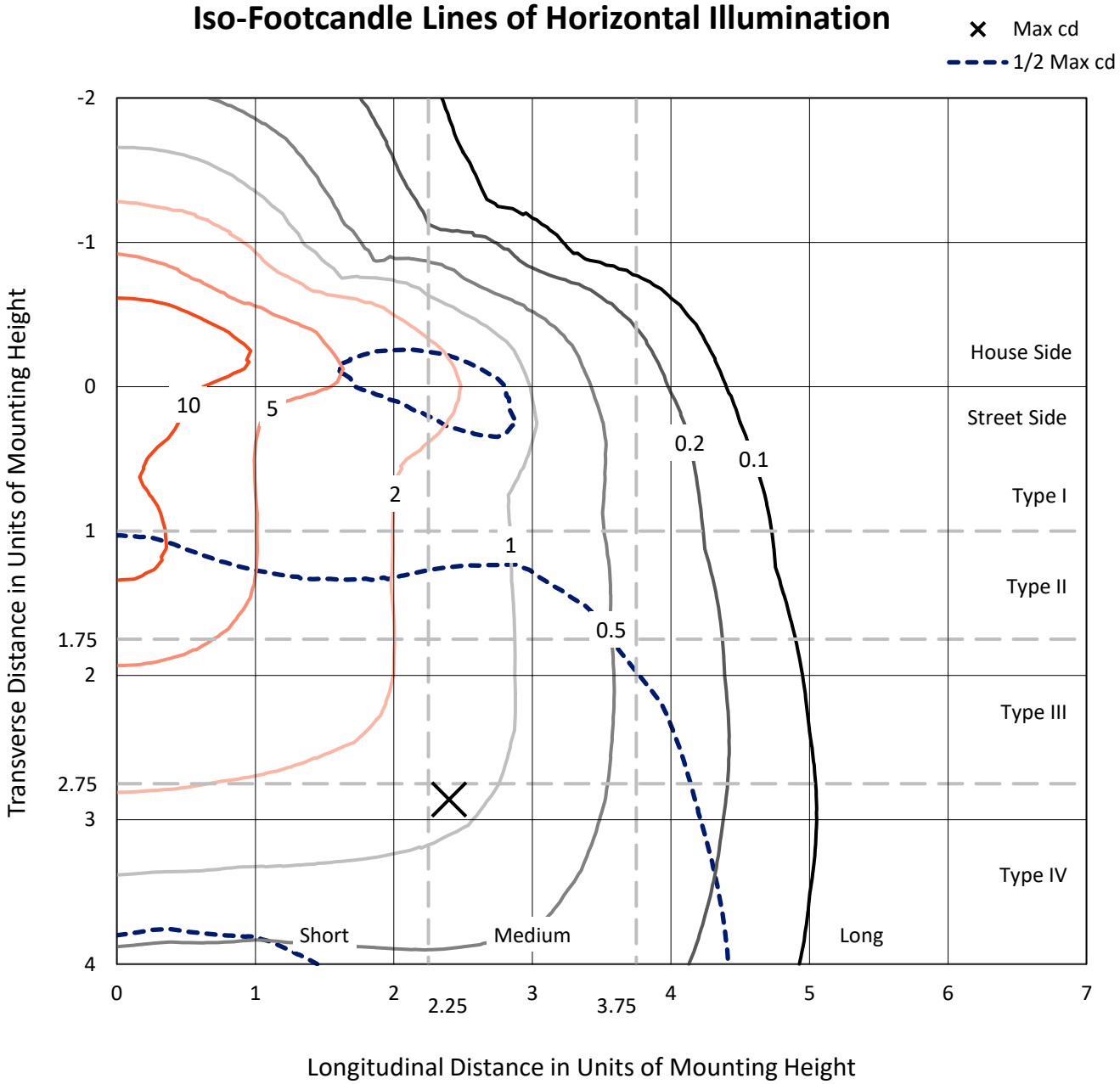


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Iso-Footcandle Lines of Horizontal Illumination



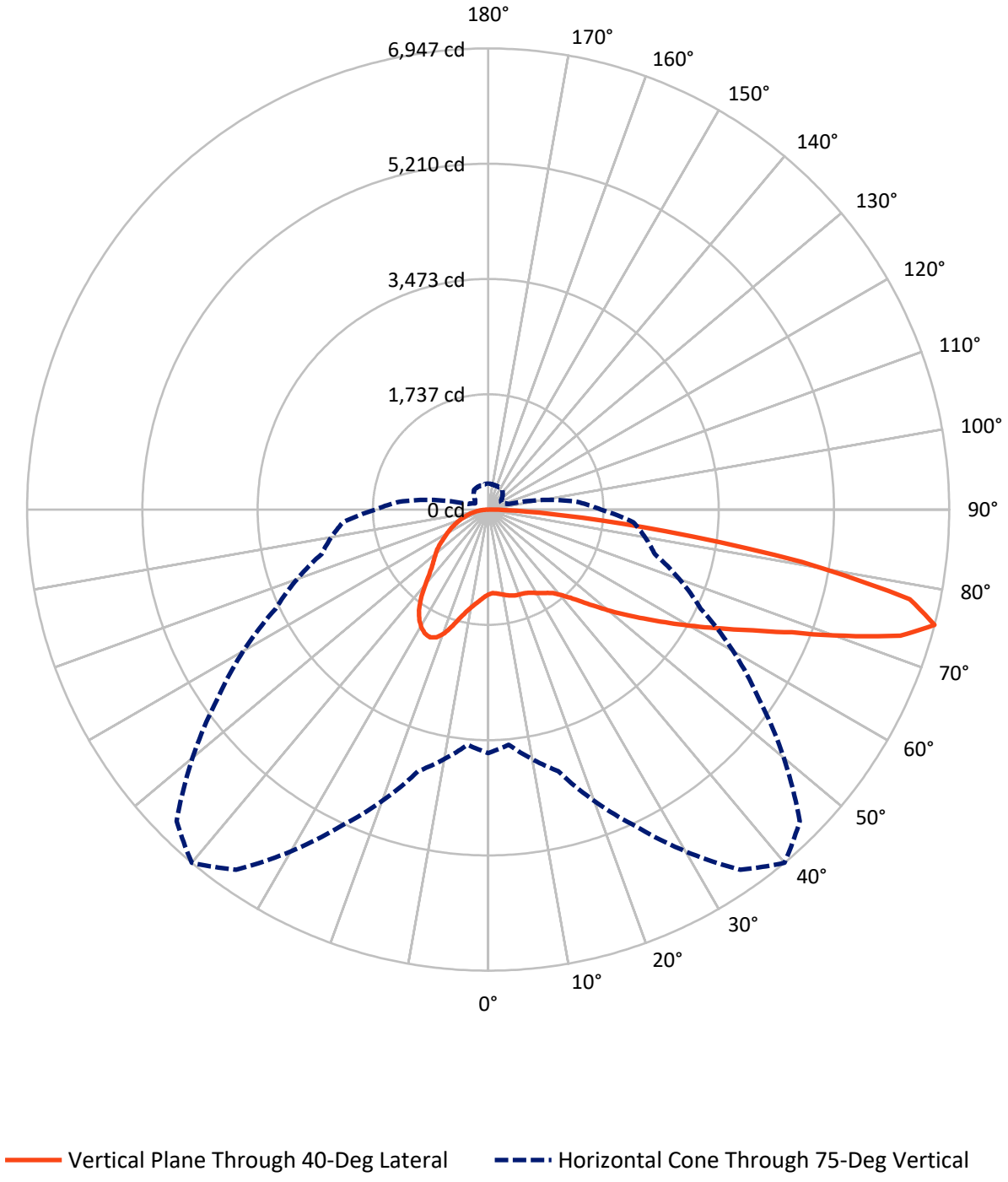
Based on 10 foot mounting height. Maximum calculated value = 16.5 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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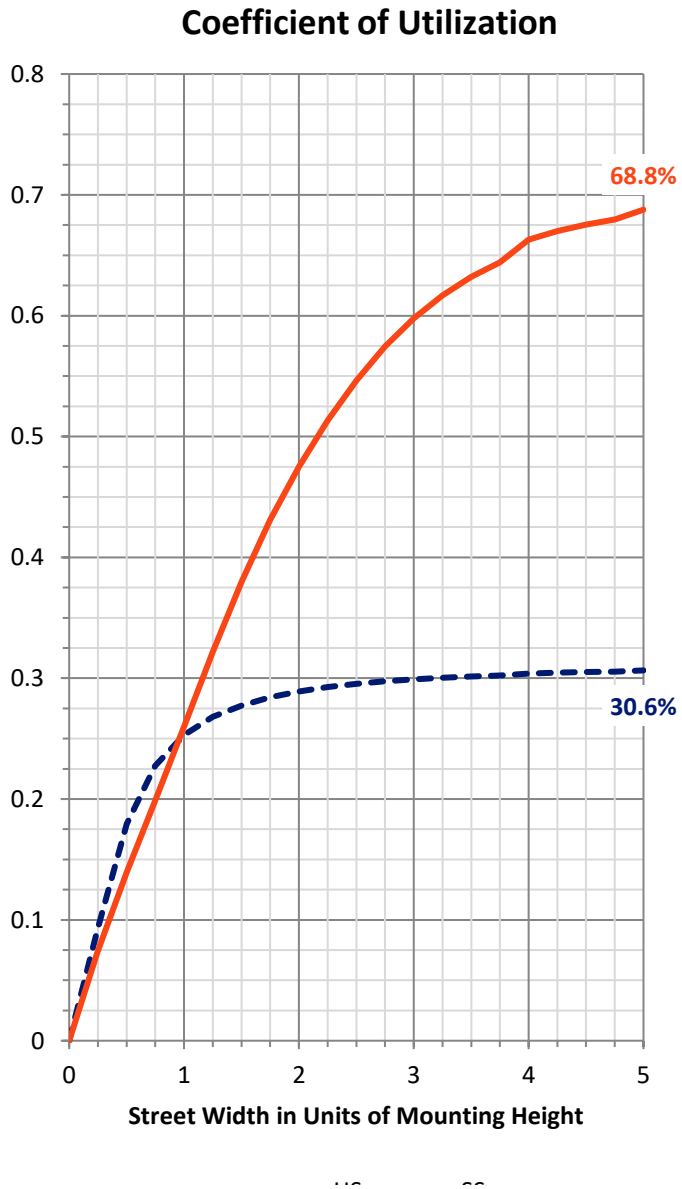
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3458.0	0.0	3458.0
	% Fixture	31.0	0.0	31.0
Street Side	Lumens	7703.0	0.0	7703.0
	% Fixture	69.0	0.0	69.0
Total	Lumens	11161.0	0.0	11161.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.4	1.1
10°-20°	427.7	3.8
20°-30°	781.0	7.0
30°-40°	1107.7	9.9
40°-50°	1495.7	13.4
50°-60°	2012.1	18.0
60°-70°	2553.8	22.9
70°-80°	2317.7	20.8
80°-90°	337.9	3.0
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°	11161.0	100.0
0°-180°	11161.0	100.0



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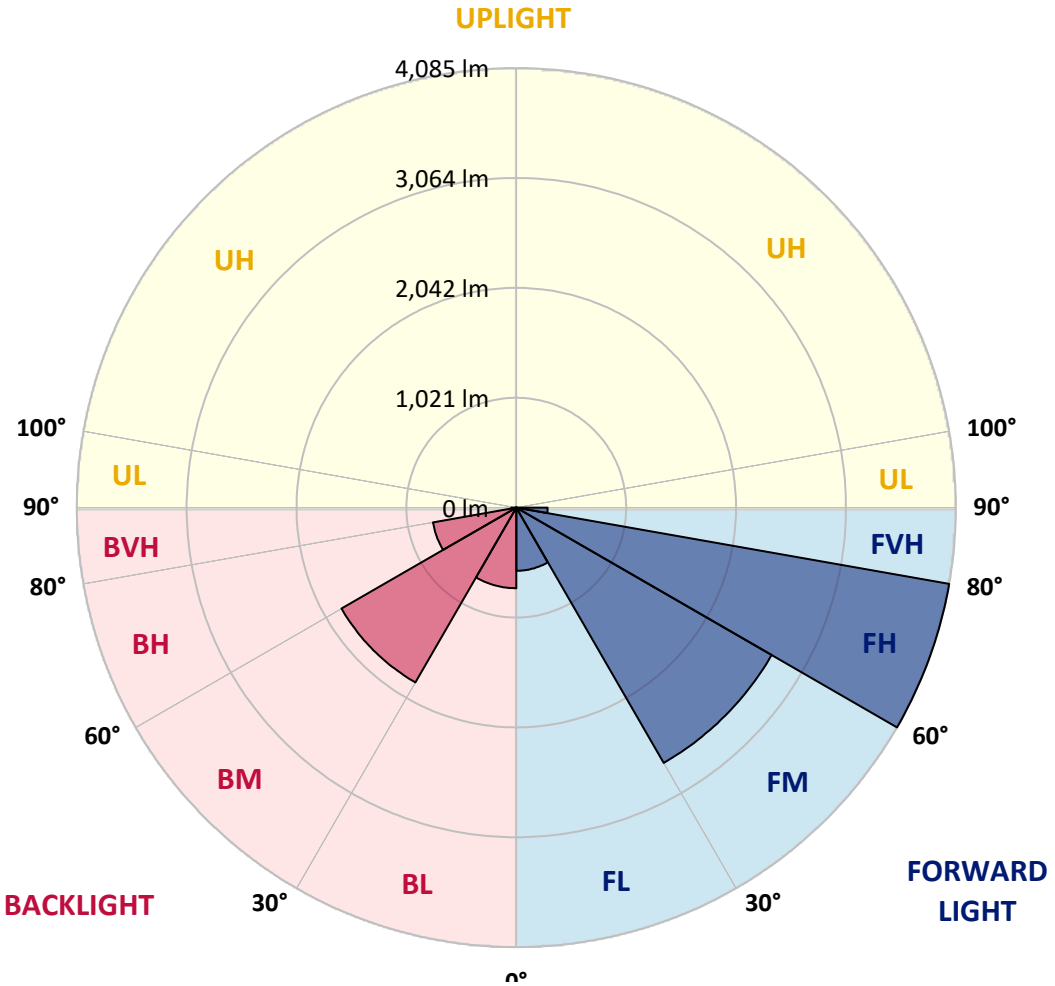
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	587.1	5.3			
FM	(30°-60°)	2739.8	24.5			
FH	(60°-80°)	4084.8	36.6			G2/5000
FVH	(80°-90°)	291.3	2.6			G3/500
BL	(0°-30°)	749.0	6.7	B2/1000		
BM	(30°-60°)	1875.7	16.8	B2/2500		
BH	(60°-80°)	786.8	7.0	B2/1000		G2/1000
BVH	(80°-90°)	46.5	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	1276.3	1276.3	1276.3	1276.3	1276.3	1276.3	1276.3	1276.3	1276.3	1276.3	1276.3
2.5°	1256.7	1263.8	1262.1	1259.7	1259.7	1260.3	1259.7	1263.8	1268.0	1272.1	1278.6
5°	1269.8	1276.9	1273.3	1270.4	1268.0	1267.4	1265.6	1265.0	1267.4	1272.7	1281.6
7.5°	1295.2	1302.3	1297.0	1291.7	1286.9	1284.6	1282.2	1278.6	1276.9	1279.8	1292.3
10°	1323.6	1330.7	1324.2	1314.8	1307.1	1304.1	1301.7	1298.2	1295.8	1297.6	1311.2
12.5°	1352.0	1359.2	1350.3	1337.2	1327.2	1325.4	1322.4	1321.3	1320.7	1320.1	1333.7
15°	1378.7	1384.6	1373.4	1358.0	1347.3	1344.4	1341.4	1343.2	1346.1	1349.7	1365.1
17.5°	1399.4	1405.3	1388.7	1368.6	1358.6	1357.4	1355.6	1361.5	1369.8	1378.7	1397.6
20°	1418.3	1424.3	1403.0	1375.7	1363.9	1363.9	1364.5	1376.9	1388.7	1401.8	1427.8
22.5°	1445.0	1449.7	1423.7	1386.4	1369.2	1370.4	1375.1	1387.6	1402.4	1420.1	1456.2
25°	1484.6	1488.2	1456.2	1406.5	1387.0	1390.5	1394.7	1400.6	1414.8	1435.5	1484.1
27.5°	1548.6	1551.5	1509.5	1442.0	1412.4	1418.3	1424.3	1420.1	1426.6	1444.4	1506.5
30°	1638.6	1640.3	1587.1	1497.7	1455.6	1458.6	1459.8	1442.6	1430.2	1444.4	1522.5
32.5°	1745.1	1744.5	1681.2	1565.2	1504.8	1501.8	1491.8	1458.0	1429.0	1441.4	1536.7
35°	1910.3	1903.8	1822.1	1659.9	1560.4	1542.1	1518.4	1475.2	1434.9	1438.5	1549.2
37.5°	2183.8	2163.6	2050.6	1815.0	1643.3	1596.5	1561.6	1503.0	1447.9	1437.3	1564.0
40°	2492.2	2466.7	2342.4	2027.5	1767.6	1692.4	1636.2	1542.7	1469.3	1442.6	1585.9
42.5°	2858.0	2821.9	2688.1	2277.9	1925.1	1816.1	1731.5	1593.0	1500.6	1459.8	1615.5
45°	3307.3	3259.4	3069.9	2560.2	2123.4	1978.3	1865.3	1669.3	1548.6	1492.9	1659.9
47.5°	3761.3	3773.2	3503.8	2883.5	2361.3	2178.4	2032.8	1784.2	1618.4	1546.2	1731.5
50°	4243.8	4252.1	3935.4	3241.6	2631.3	2404.6	2221.1	1912.6	1715.5	1622.0	1838.6
52.5°	4620.3	4621.5	4327.3	3616.3	2912.5	2653.2	2424.1	2059.4	1828.0	1722.6	1981.3
55°	4855.9	4852.9	4601.9	3970.9	3235.7	2914.2	2649.0	2226.4	1965.3	1841.0	2160.7
57.5°	5027.0	5018.1	4791.4	4275.8	3580.2	3222.7	2903.6	2415.8	2127.5	1981.9	2396.9
60°	5092.1	5086.7	4919.8	4539.2	3942.5	3563.6	3197.2	2627.7	2311.6	2148.2	2700.5
62.5°	5116.9	5127.0	5045.9	4794.3	4330.2	3941.3	3519.8	2881.1	2518.8	2336.5	3020.8
65°	5204.6	5222.9	5206.3	5128.2	4768.3	4383.5	3947.8	3182.4	2744.9	2538.3	3355.3
67.5°	5378.0	5396.3	5403.5	5527.8	5303.4	4934.6	4481.8	3557.7	3009.5	2747.9	3606.8
70°	5373.9	5368.5	5494.0	5845.6	5973.5	5697.7	5201.6	4019.4	3325.1	2921.9	3638.8
72.5°	4891.4	4848.8	5145.4	5842.1	6531.1	6494.4	6080.7	4615.0	3597.4	2943.2	3157.5
75°	3669.6	3555.9	4079.8	5264.9	6624.1	6946.7	6639.5	4984.3	3532.8	2600.5	2197.4
77.5°	1569.3	1455.0	2072.5	3897.5	5928.5	6493.8	6126.8	4348.6	2820.1	1719.7	1079.2
80°	410.8	410.2	626.3	1767.0	4031.9	4795.5	4207.1	2808.3	1611.3	614.5	297.8
82.5°	169.9	165.8	230.3	687.3	1970.1	2691.1	2196.2	1252.6	581.9	166.3	98.9
85°	63.3	62.7	111.9	237.4	695.0	1109.9	803.3	320.3	145.0	81.1	44.4
87.5°	17.8	17.2	24.3	82.3	169.3	256.9	137.3	52.7	40.8	32.0	13.0
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°	1276.3	1276.3	1276.3	1276.3	1276.3	1276.3	1276.3	1276.3	1276.3	1276.3	1276.3
2.5°	1280.4	1283.4	1288.7	1292.9	1298.2	1304.1	1312.4	1317.7	1323.0	1326.6	1324.2
5°	1285.7	1292.3	1305.9	1319.5	1335.5	1350.3	1367.4	1379.9	1389.9	1392.9	1394.1
7.5°	1297.6	1308.2	1331.3	1354.4	1379.9	1404.1	1429.0	1450.3	1467.5	1474.0	1474.6
10°	1318.3	1332.5	1365.1	1397.6	1431.4	1468.7	1500.6	1531.4	1555.7	1565.7	1566.3
12.5°	1344.4	1362.1	1404.7	1449.7	1496.5	1548.0	1589.4	1627.3	1657.5	1671.1	1671.1
15°	1378.1	1401.2	1455.6	1516.0	1584.7	1656.3	1709.0	1751.0	1784.8	1801.3	1800.2
17.5°	1414.8	1445.6	1514.2	1605.4	1703.7	1797.8	1859.4	1890.1	1925.1	1941.1	1940.5
20°	1450.3	1488.2	1586.5	1719.1	1849.9	1949.9	1999.7	2007.9	2010.3	2012.1	2016.8
22.5°	1487.0	1537.9	1677.0	1862.3	2002.6	2071.9	2079.0	2043.5	1993.7	1970.6	1977.2
25°	1527.3	1594.8	1795.4	2020.4	2134.0	2142.3	2087.9	2001.4	1907.3	1864.1	1870.6
27.5°	1566.3	1660.5	1937.5	2171.3	2228.7	2155.9	2038.7	1916.2	1802.5	1757.0	1762.3
30°	1605.4	1735.6	2094.4	2303.3	2272.0	2122.2	1961.2	1824.4	1710.2	1662.2	1667.6
32.5°	1645.1	1823.3	2274.9	2398.6	2264.3	2050.6	1864.7	1721.4	1620.8	1570.5	1577.0
35°	1690.1	1931.0	2446.0	2450.7	2212.8	1945.2	1737.4	1598.3	1510.7	1470.4	1479.3
37.5°	1748.7	2067.7	2596.9	2463.8	2122.8	1790.7	1579.4	1452.7	1380.5	1362.1	1375.1
40°	1821.5	2232.3	2712.4	2443.0	1989.6	1603.0	1406.5	1305.3	1264.4	1268.6	1282.8
42.5°	1916.2	2416.4	2793.5	2389.8	1804.3	1409.5	1255.0	1210.0	1229.5	1246.1	1261.5
45°	2039.3	2607.6	2843.8	2299.2	1594.8	1245.5	1165.6	1176.2	1191.0	1192.8	1204.6
47.5°	2196.8	2801.2	2876.9	2162.4	1381.1	1130.1	1108.7	1111.1	1108.2	1095.7	1105.2
50°	2393.3	2989.4	2906.5	1981.3	1199.3	1057.8	1029.4	1021.1	980.3	940.0	945.4
52.5°	2617.1	3162.3	2919.0	1756.4	1057.8	997.5	951.3	899.2	822.8	810.4	814.5
55°	2865.7	3322.1	2887.0	1479.9	938.9	919.9	850.1	787.3	779.0	768.4	770.1
57.5°	3162.9	3494.4	2821.9	1171.5	816.9	829.3	761.3	768.4	753.6	737.0	734.0
60°	3487.9	3672.5	2707.6	890.3	690.8	716.3	738.2	737.6	733.4	719.8	715.1
62.5°	3780.3	3789.8	2482.7	681.9	580.1	628.7	688.5	687.9	684.3	676.6	673.7
65°	3954.3	3772.0	2107.4	536.9	489.0	556.4	621.0	625.7	626.3	625.7	625.7
67.5°	3923.5	3564.2	1592.4	427.4	413.8	483.0	554.1	560.6	565.3	566.5	567.7
70°	3575.5	3107.8	1038.3	341.0	346.9	418.5	490.7	497.3	501.4	506.1	508.5
72.5°	2787.0	2285.0	594.3	275.9	288.3	362.9	428.0	435.7	438.1	446.9	450.5
75°	*1698.3*	*1343.8*	*320.8*	*217.3*	*236.8*	*310.2*	*365.8*	*374.7*	*378.9*	*389.5*	*390.7*
77.5°	807.4	581.9	182.9	169.3	190.6	253.4	309.0	319.1	307.8	313.7	309.0
80°	272.9	216.1	115.4	129.0	145.6	197.7	247.4	257.5	233.8	232.6	230.3
82.5°	95.3	87.6	73.4	85.8	94.1	141.5	187.1	200.1	174.0	173.4	165.2
85°	37.3	35.5	40.8	46.8	56.2	87.0	123.1	129.6	107.1	86.4	85.2
87.5°	7.7	8.3	10.1	10.7	17.2	30.2	44.4	54.5	43.2	36.7	33.7
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)