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: P1203465

Luminaire Tested: GWC-SB2C-827-U-SL4

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203465
	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-SB2C-827-U-SL4
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 2700K, 615mA 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:	12907 lumens
Efficiency:	N/A
Efficacy:	127.9 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):	100.9
Input Voltage (V):	120.0
Input Current (Ain):	0.857
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.472
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

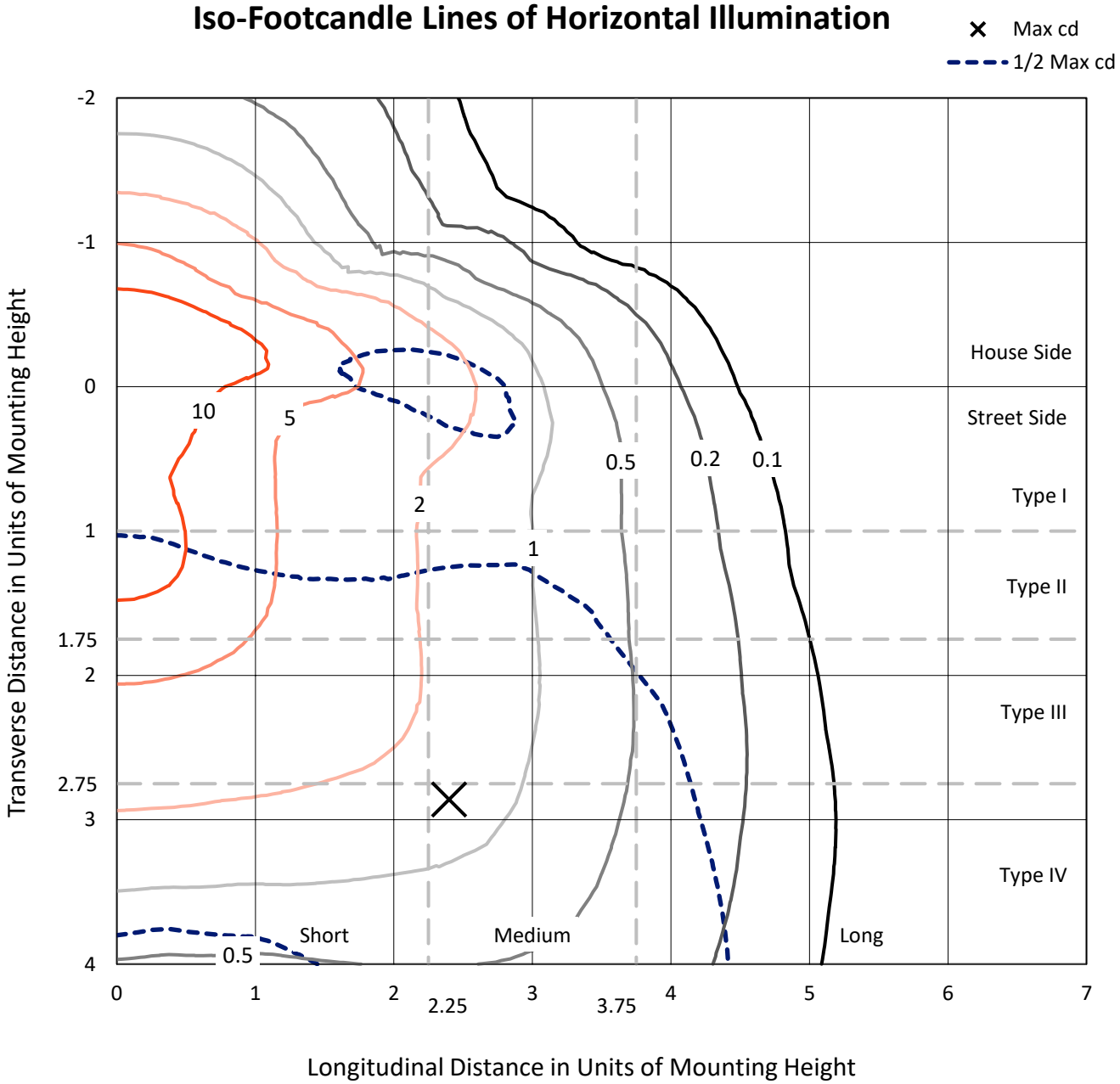


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Iso-Footcandle Lines of Horizontal Illumination



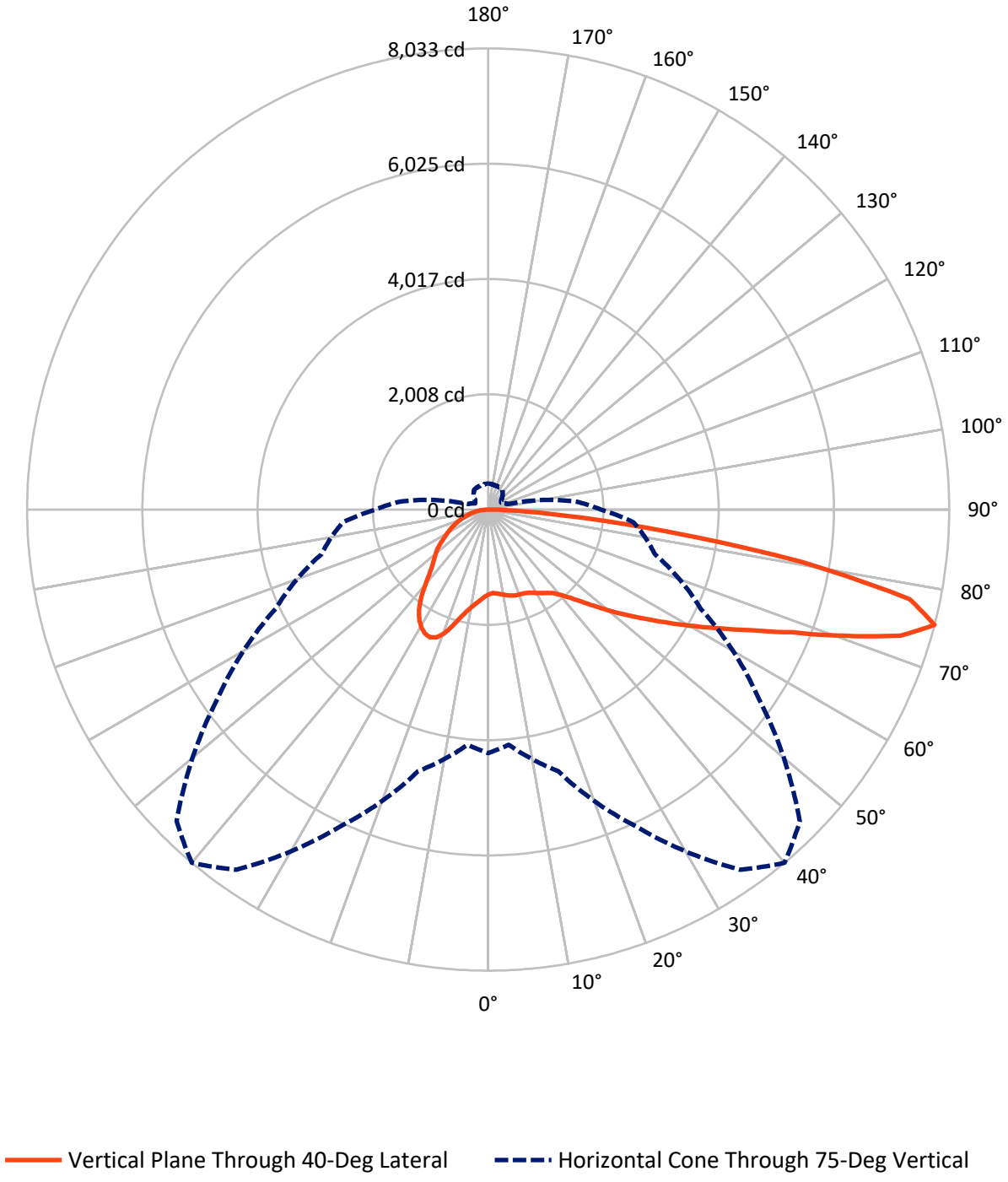
Based on 10 foot mounting height. Maximum calculated value = 19.1 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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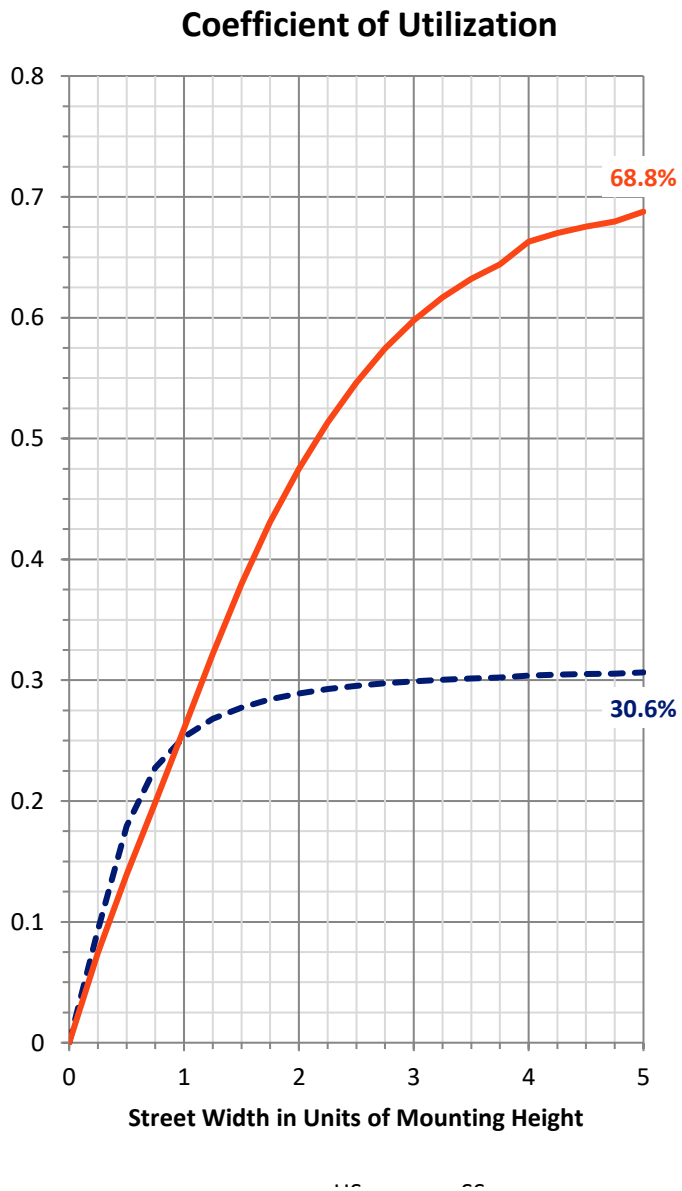
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3999.0	0.0	3999.0
	% Fixture	31.0	0.0	31.0
Street Side	Lumens	8908.0	0.0	8908.0
	% Fixture	69.0	0.0	69.0
Total	Lumens	12907.0	0.0	12907.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	147.3	1.1
10°-20°	494.6	3.8
20°-30°	903.2	7.0
30°-40°	1280.9	9.9
40°-50°	1729.7	13.4
50°-60°	2326.9	18.0
60°-70°	2953.3	22.9
70°-80°	2680.3	20.8
80°-90°	390.7	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°	12907.0	100.0
0°-180°	12907.0	100.0



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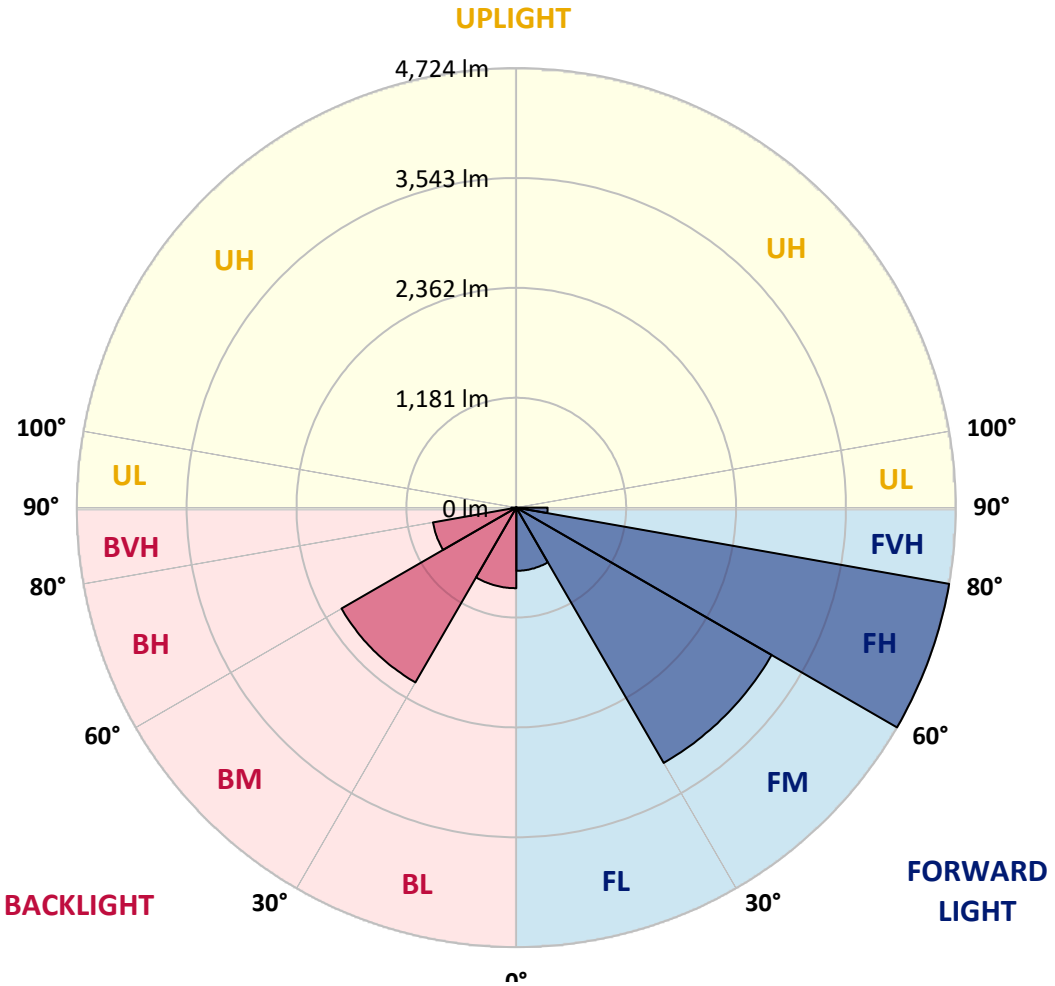
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	678.9	5.3			
FM	(30°-60°)	3168.4	24.5			
FH	(60°-80°)	4723.8	36.6			G2/5000
FVH	(80°-90°)	336.9	2.6			G3/500
BL	(0°-30°)	866.2	6.7	B2/1000		
BM	(30°-60°)	2169.1	16.8	B2/2500		
BH	(60°-80°)	909.9	7.0	B2/1000		G2/1000
BVH	(80°-90°)	53.8	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°	1475.9	1475.9	1475.9	1475.9	1475.9	*1475.9*	1475.9	1475.9	1475.9	1475.9	1475.9
2.5°	1453.3	1461.6	1459.5	1456.8	1456.8	*1457.4*	1456.8	1461.6	1466.3	1471.1	1478.7
5°	1468.4	1476.6	1472.5	1469.1	1466.3	*1465.7*	1463.6	1462.9	1465.7	1471.8	1482.1
7.5°	1497.8	1506.1	1499.9	1493.7	1488.3	*1485.5*	1482.8	1478.7	1476.6	1480.0	1494.4
10°	1530.7	1538.9	1531.4	1520.4	1511.5	*1508.1*	1505.4	1501.3	1498.5	1500.6	1516.3
12.5°	1563.6	1571.8	1561.5	1546.4	1534.8	*1532.8*	1529.3	1528.0	1527.3	1526.6	1542.3
15°	1594.4	1601.2	1588.2	1570.4	1558.1	*1554.7*	1551.2	1553.3	1556.7	1560.8	1578.6
17.5°	1618.3	1625.2	1606.0	1582.7	1571.1	*1569.7*	1567.7	1574.5	1584.1	1594.4	1616.3
20°	1640.2	1647.1	1622.4	1590.9	1577.2	*1577.2*	1577.9	1592.3	1606.0	1621.1	1651.2
22.5°	1671.0	1676.5	1646.4	1603.3	1583.4	*1584.8*	1590.3	1604.6	1621.7	1642.3	1684.0
25°	1716.9	1721.0	1684.0	1626.5	1603.9	*1608.1*	1612.8	1619.7	1636.1	1660.1	1716.2
27.5°	1790.8	1794.3	1745.7	1667.6	1633.4	*1640.2*	1647.1	1642.3	1649.8	1670.4	1742.2
30°	1894.9	1896.9	1835.3	1732.0	1683.4	*1686.8*	1688.1	1668.3	1653.9	1670.4	1760.7
32.5°	2018.1	2017.4	1944.2	1810.0	1740.2	*1736.8*	1725.1	1686.1	1652.6	1666.9	1777.1
35°	2209.1	2201.6	2107.1	1919.5	1804.5	*1783.3*	1755.9	1705.9	1659.4	1663.5	1791.5
37.5°	2525.4	2502.1	2371.4	2098.9	1900.4	*1846.3*	1805.9	1738.1	1674.5	1662.1	1808.6
40°	2882.0	2852.6	2708.8	2344.7	2044.1	*1957.2*	1892.2	1784.0	1699.1	1668.3	1834.0
42.5°	3305.1	3263.3	3108.6	2634.2	2226.2	*2100.3*	2002.4	1842.2	1735.4	1688.1	1868.2
45°	3824.7	3769.2	3550.2	2960.8	2455.6	*2287.8*	2157.1	1930.5	1790.8	1726.5	1919.5
47.5°	4349.8	4363.4	4052.0	3334.5	2730.7	*2519.2*	2350.8	2063.3	1871.6	1788.1	2002.4
50°	4907.7	4917.3	4551.0	3748.7	3042.9	*2780.7*	2568.5	2211.8	1983.9	1875.7	2126.3
52.5°	5343.1	5344.4	5004.2	4182.0	3368.1	*3068.2*	2803.3	2381.6	2114.0	1992.1	2291.3
55°	5615.5	5612.1	5321.8	4592.1	3741.9	*3370.1*	3063.5	2574.7	2272.8	2129.0	2498.7
57.5°	5813.4	5803.1	5540.9	4944.6	4140.3	*3726.8*	3357.8	2793.7	2460.3	2291.9	2771.8
60°	5888.7	5882.5	5689.5	5249.3	4559.2	*4121.1*	3697.4	3038.8	2673.2	2484.3	3123.0
62.5°	5917.4	5929.1	5835.3	5544.3	5007.6	*4557.9*	4070.5	3331.8	2912.8	2702.0	3493.4
65°	6018.7	6040.0	6020.8	5930.4	5514.2	*5069.2*	4565.4	3680.2	3174.4	2935.4	3880.1
67.5°	6219.3	6240.5	6248.8	6392.5	6133.1	*5706.6*	5182.9	4114.3	3480.4	3177.8	4171.1
70°	6214.5	6208.4	6353.5	6760.1	6908.0	*6589.0*	6015.3	4648.2	3845.2	3379.0	4208.1
72.5°	5656.6	5607.3	5950.3	6756.0	7552.9	*7510.4*	7031.9	5336.9	4160.1	3403.7	3651.5
75°	*4243.6*	*4112.2*	*4718.1*	*6088.6*	*7660.3*	*8033.4*	*7678.1*	*5764.1*	*4085.5*	*3007.3*	*2541.1*
77.5°	1814.8	1682.7	2396.7	4507.2	6856.0	*7509.7*	7085.3	5028.9	3261.3	1988.7	1248.0
80°	475.1	474.4	724.3	2043.4	4662.6	*5545.7*	4865.2	3247.6	1863.4	710.6	344.3
82.5°	196.5	191.7	266.3	794.8	2278.2	*3112.1*	2539.8	1448.5	672.9	192.4	114.3
85°	73.2	72.6	129.4	274.5	803.7	*1283.6*	929.0	370.4	167.7	93.8	51.3
87.5°	20.5	19.9	28.1	95.2	195.8	*297.1*	158.8	60.9	47.2	37.0	15.1
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°	1475.9	1475.9	1475.9	1475.9	1475.9	1475.9	1475.9	1475.9	1475.9	1475.9	1475.9
2.5°	1480.7	1484.1	1490.3	1495.1	1501.3	1508.1	1517.7	1523.9	1530.0	1534.1	1531.4
5°	1486.9	1494.4	1510.2	1525.9	1544.4	1561.5	1581.4	1595.7	1607.4	1610.8	1612.2
7.5°	1500.6	1512.9	1539.6	1566.3	1595.7	1623.8	1652.6	1677.2	1697.0	1704.6	1705.3
10°	1524.5	1541.0	1578.6	1616.3	1655.3	1698.4	1735.4	1771.0	1799.0	1810.7	1811.4
12.5°	1554.7	1575.2	1624.5	1676.5	1730.6	1790.2	1838.1	1881.9	1916.8	1932.5	1932.5
15°	1593.7	1620.4	1683.4	1753.2	1832.6	1915.4	1976.4	2025.0	2064.0	2083.1	2081.8
17.5°	1636.1	1671.7	1751.1	1856.6	1970.2	2079.0	2150.2	2185.8	2226.2	2244.7	2244.0
20°	1677.2	1721.0	1834.6	1988.0	2139.3	2255.0	2312.5	2322.1	2324.8	2326.9	2332.3
22.5°	1719.6	1778.5	1939.4	2153.7	2315.9	2396.0	2404.2	2363.1	2305.6	2278.9	2286.5
25°	1766.2	1844.2	2076.3	2336.4	2467.9	2477.5	2414.5	2314.5	2205.7	2155.7	2163.2
27.5°	1811.4	1920.2	2240.6	2511.0	2577.4	2493.2	2357.7	2216.0	2084.5	2031.8	2038.0
30°	1856.6	2007.2	2422.0	2663.7	2627.4	2454.2	2268.0	2109.8	1977.7	1922.3	1928.4
32.5°	1902.4	2108.5	2630.8	2773.9	2618.5	2371.4	2156.4	1990.7	1874.4	1816.2	1823.7
35°	1954.4	2233.1	2828.6	2834.1	2558.9	2249.5	2009.2	1848.3	1747.0	1700.5	1710.7
37.5°	2022.2	2391.2	3003.2	2849.2	2454.9	2070.8	1826.4	1679.9	1596.4	1575.2	1590.3
40°	2106.4	2581.5	3136.7	2825.2	2300.8	1853.8	1626.5	1509.5	1462.2	1467.0	1483.5
42.5°	2216.0	2794.4	3230.5	2763.6	2086.6	1630.0	1451.3	1399.3	1421.9	1441.0	1458.8
45°	2358.3	3015.5	3288.7	2658.9	1844.2	1440.3	1347.9	1360.2	1377.4	1379.4	1393.1
47.5°	2540.4	3239.4	3327.0	2500.7	1597.1	1306.8	1282.2	1284.9	1281.5	1267.1	1278.1
50°	2767.7	3457.1	3361.2	2291.3	1386.9	1223.3	1190.5	1180.9	1133.6	1087.1	1093.3
52.5°	3026.5	3657.0	3375.6	2031.1	1223.3	1153.5	1100.1	1039.9	951.6	937.2	942.0
55°	3314.0	3841.8	3338.6	1711.4	1085.7	1063.8	983.0	910.5	900.9	888.6	890.6
57.5°	3657.7	4041.0	3263.3	1354.8	944.7	959.1	880.4	888.6	871.5	852.3	848.9
60°	4033.5	4247.1	3131.2	1029.6	798.9	828.3	853.7	853.0	848.2	832.4	827.0
62.5°	4371.7	4382.6	2871.1	788.6	670.9	727.0	796.2	795.5	791.4	782.5	779.0
65°	4572.9	4362.1	2437.1	620.9	565.5	643.5	718.1	723.6	724.3	723.6	723.6
67.5°	4537.3	4121.8	1841.5	494.3	478.5	558.6	640.8	648.3	653.8	655.1	656.5
70°	4134.8	3594.0	1200.7	394.3	401.2	484.0	567.5	575.0	579.8	585.3	588.0
72.5°	3223.0	2642.4	687.3	319.0	333.4	419.6	494.9	503.8	506.6	516.9	521.0
75°	*1964.0*	*1554.0*	*371.0*	*251.2*	*273.8*	*358.7*	*423.1*	*433.3*	*438.1*	*450.4*	*451.8*
77.5°	933.8	672.9	211.5	195.8	220.4	293.0	357.3	369.0	356.0	362.8	357.3
80°	315.6	249.9	133.5	149.2	168.4	228.6	286.2	297.8	270.4	269.0	266.3
82.5°	110.2	101.3	84.9	99.3	108.8	163.6	216.3	231.4	201.3	200.6	191.0
85°	43.1	41.1	47.2	54.1	65.0	100.6	142.4	149.9	123.9	99.9	98.6
87.5°	8.9	9.6	11.6	12.3	19.9	34.9	51.3	63.0	50.0	42.4	39.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0


HS
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(END OF REPORT)