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: P1201877

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

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201877
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-10)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1C-735-U-SL2
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE II SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7483 lumens
Efficiency:	N/A
Efficacy:	137.6 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B2 - 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

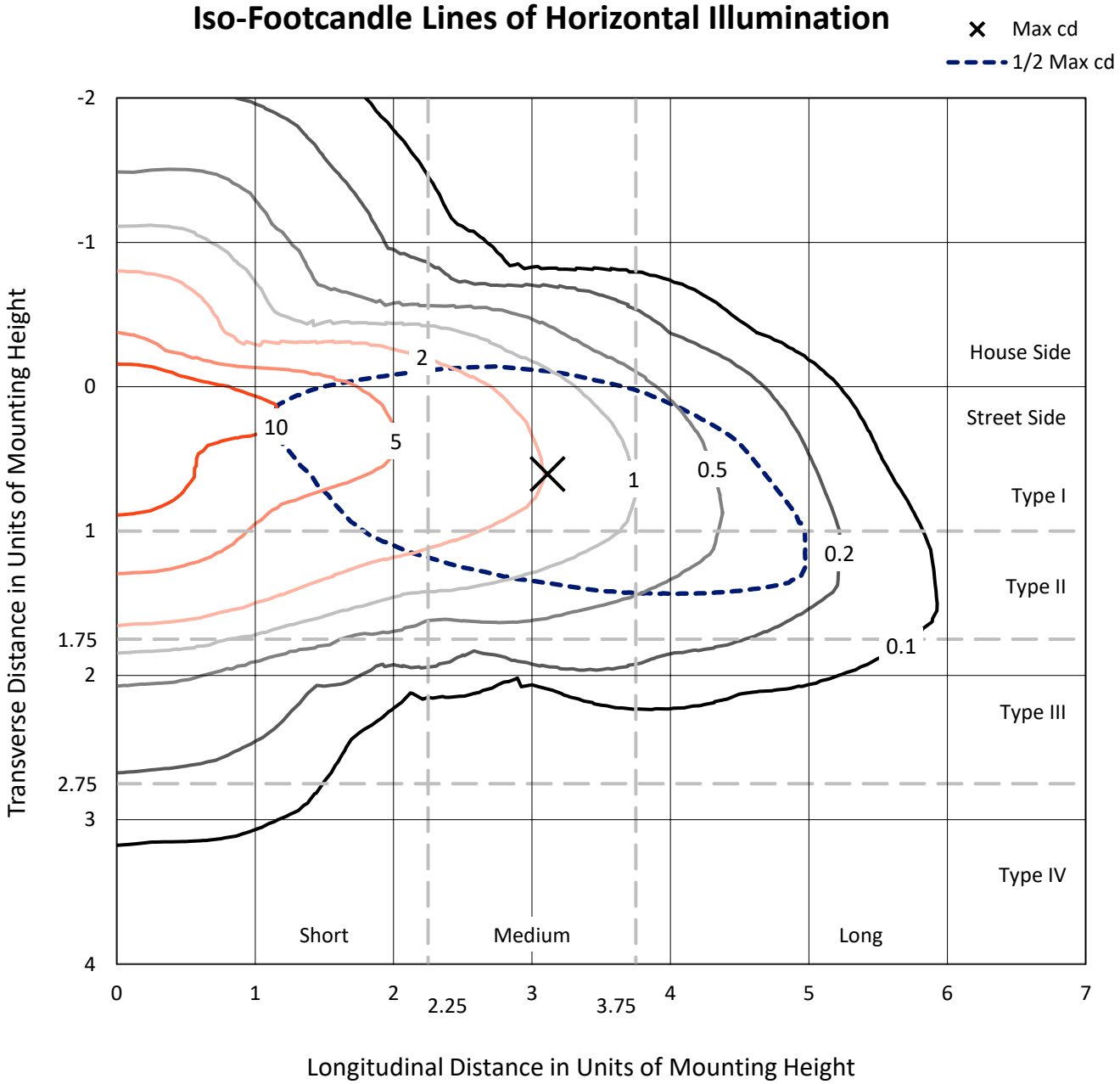


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Iso-Footcandle Lines of Horizontal Illumination



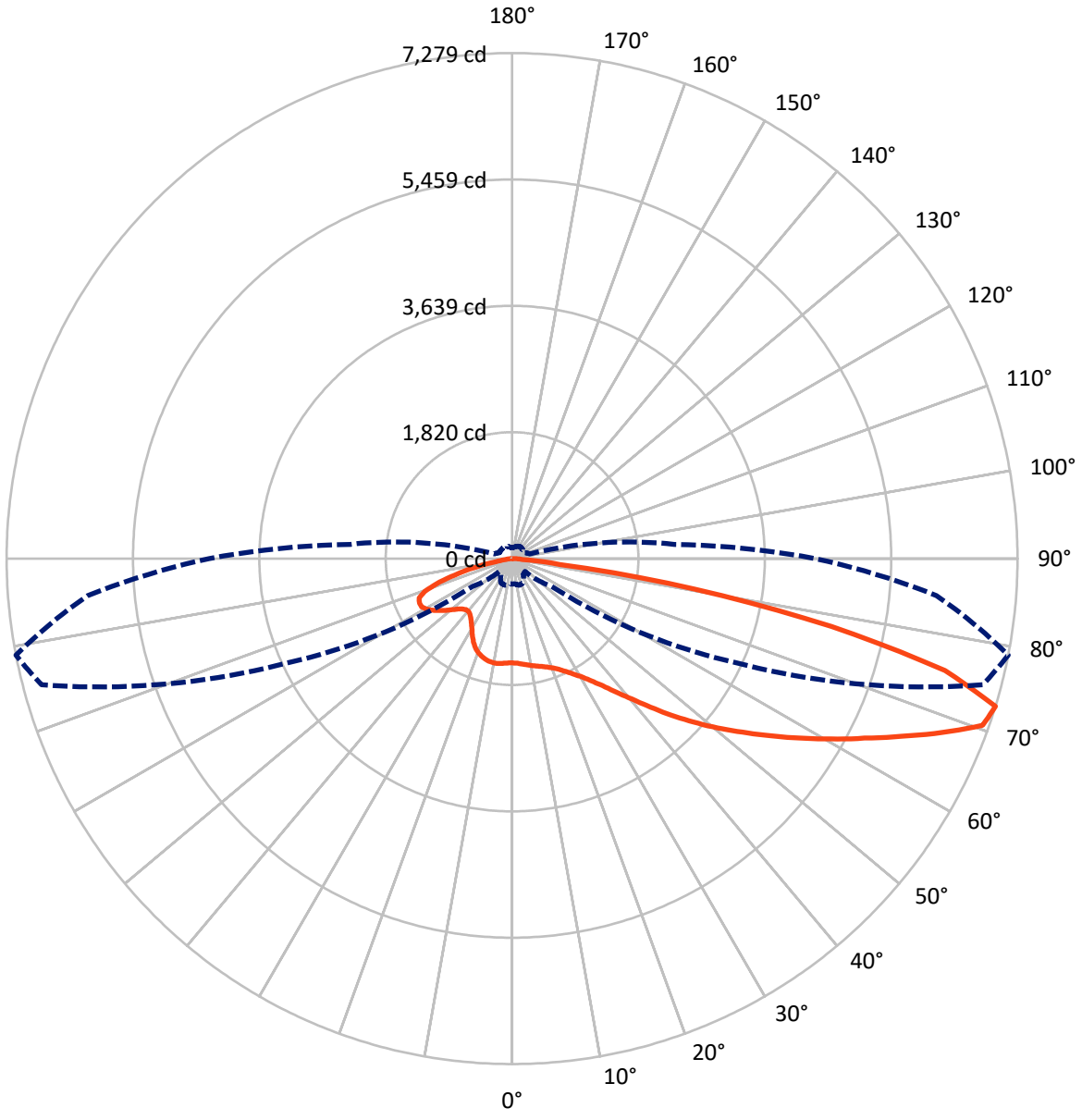
Based on 10 foot mounting height. Maximum calculated value = 15.1 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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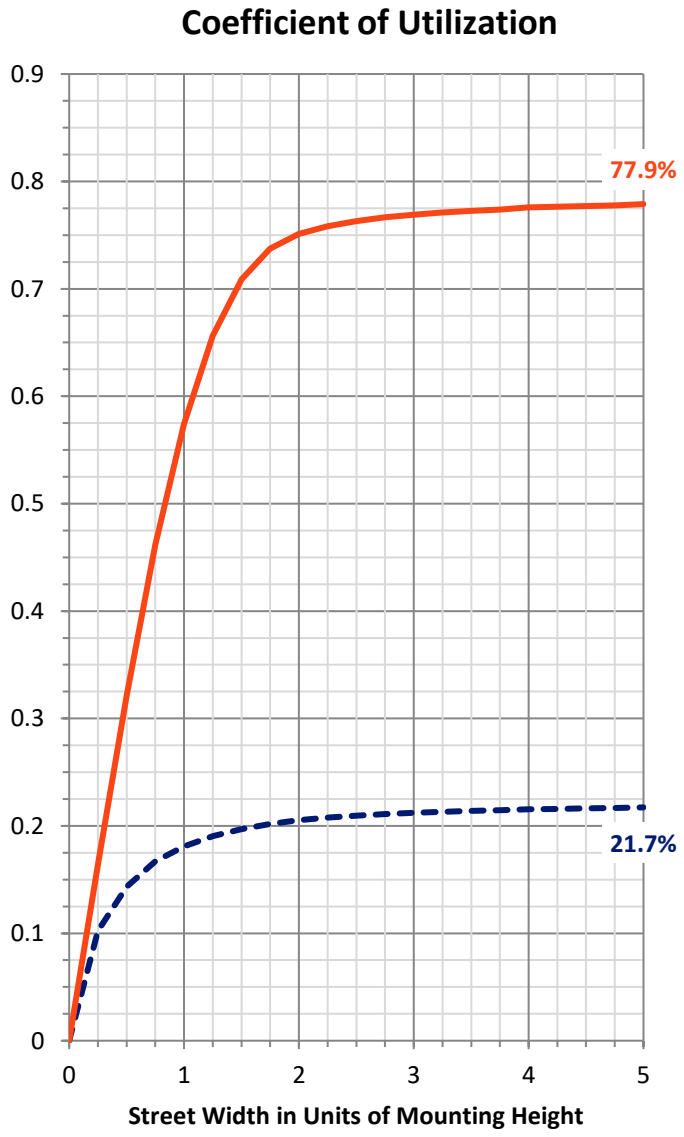
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1646.7	0.0	1646.7
	% Fixture	22.0	0.0	22.0
Street Side	Lumens	5836.3	0.0	5836.3
	% Fixture	78.0	0.0	78.0
Total	Lumens	7483.0	0.0	7483.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.4	1.8
10°-20°	356.5	4.8
20°-30°	575.2	7.7
30°-40°	863.3	11.5
40°-50°	1224.7	16.4
50°-60°	1546.6	20.7
60°-70°	1570.8	21.0
70°-80°	1070.6	14.3
80°-90°	138.9	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°	7483.0	100.0
0°-180°	7483.0	100.0



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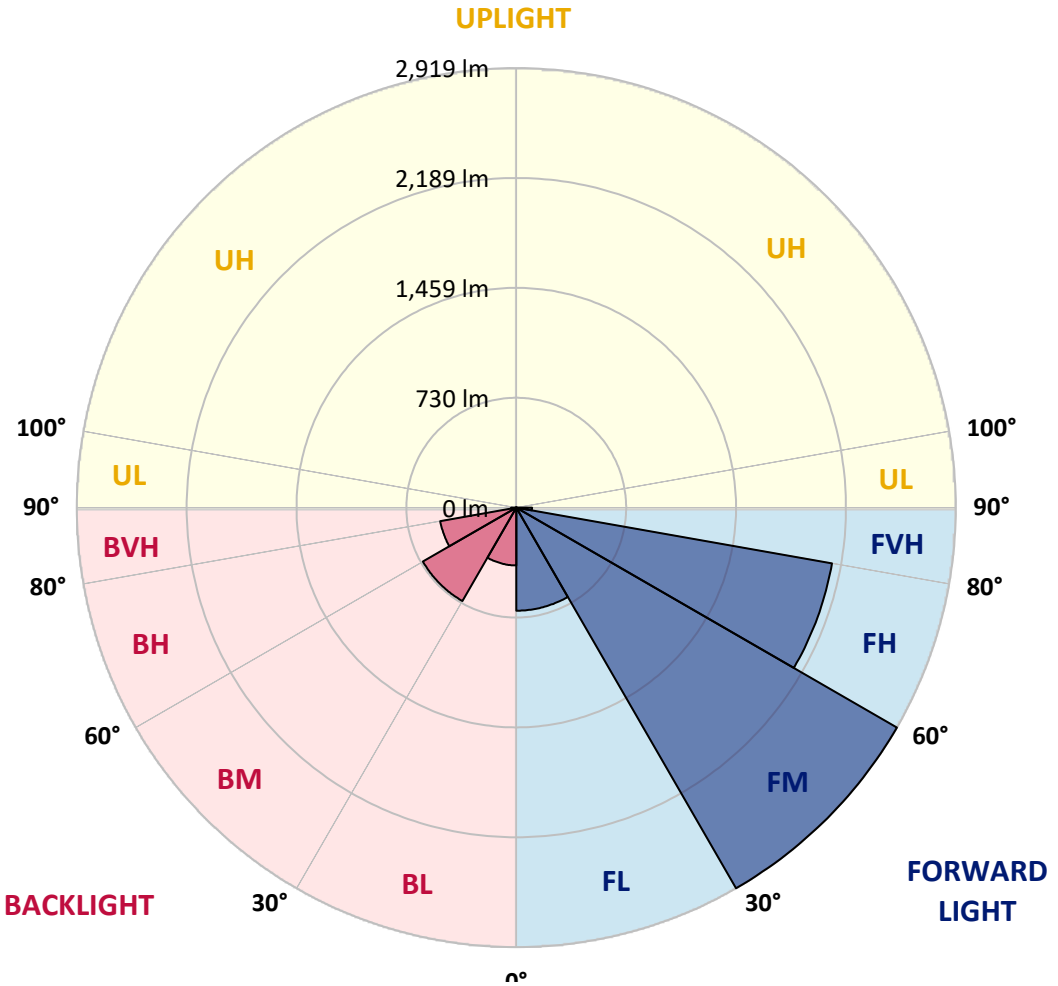
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	684.5	9.1			
FM	(30°-60°)	2918.5	39.0			
FH	(60°-80°)	2128.7	28.4			G2/5000
FVH	(80°-90°)	104.6	1.4			G2/225
BL	(0°-30°)	383.6	5.1	B1/500		
BM	(30°-60°)	716.1	9.6	B1/1000		
BH	(60°-80°)	512.7	6.9	B2/1000		G2/1000
BVH	(80°-90°)	34.3	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	1502.1	1502.1	1502.1	1502.1	1502.1	1502.1	1502.1	1502.1	1502.1	*1502.1*	1502.1
2.5°	1502.9	1495.8	1500.2	1498.6	1500.6	1502.9	1503.7	1504.9	1508.9	*1508.5*	1508.1
5°	1499.8	1492.6	1498.6	1496.6	1501.7	1507.3	1512.0	1516.4	1522.7	*1525.5*	1521.5
7.5°	1493.0	1488.3	1494.2	1500.2	1509.7	1518.0	1524.7	1534.6	1543.7	*1545.3*	1548.1
10°	1453.9	1450.3	1464.1	1479.6	1505.7	1528.3	1542.9	1554.4	1564.3	*1565.9*	1569.8
12.5°	1413.1	1408.7	1424.2	1445.1	1487.5	1528.3	1559.1	1574.2	1582.9	*1588.0*	1594.0
15°	1406.4	1402.8	1411.5	1429.7	1464.9	1517.6	1570.2	1597.9	1605.5	*1611.4*	1613.8
17.5°	1438.8	1432.1	1435.6	1442.0	1462.6	1507.7	1578.9	1624.8	1636.3	*1642.7*	1642.7
20°	1514.0	1504.5	1499.0	1486.3	1482.7	1509.3	1578.1	1657.3	1672.3	*1680.3*	1682.2
22.5°	1614.2	1607.8	1596.0	1563.9	1529.1	1528.7	1593.2	1698.9	1727.0	*1734.5*	1729.7
25°	1735.3	1725.8	1710.7	1667.2	1600.3	1567.1	1618.5	1751.9	1799.0	*1801.0*	1787.1
27.5°	1874.6	1860.4	1839.8	1782.4	1692.1	1627.2	1657.3	1812.9	1881.7	*1880.9*	1852.4
30°	2021.5	2007.2	1985.4	1915.8	1802.2	1708.4	1711.1	1878.6	1979.9	*1975.5*	1926.9
32.5°	2128.7	2118.0	2113.7	2059.9	1928.8	1804.2	1772.9	1951.4	2101.0	*2097.1*	2029.0
35°	2211.1	2197.2	2202.3	2175.0	2067.0	1911.4	1848.5	2038.1	2248.3	*2247.9*	2163.2
37.5°	2292.6	2280.3	2284.7	2266.5	2194.8	2047.6	1940.7	2144.2	2430.7	*2439.4*	2325.4
40°	2367.0	2353.9	2371.4	2354.3	2294.2	2192.5	2045.6	2264.1	2642.1	*2658.7*	2521.8
42.5°	2411.7	2401.4	2430.3	2430.7	2380.5	2314.8	2160.8	2396.3	2886.7	*2923.9*	2763.2
45°	2427.2	2423.6	2467.2	2476.3	2456.9	2385.6	2264.5	2540.4	3150.3	*3216.8*	3038.3
47.5°	2410.6	2403.8	2464.0	2497.6	2513.1	2418.9	2350.4	2696.3	3419.5	*3516.9*	3338.4
50°	2326.6	2313.6	2403.0	2473.9	2528.9	2440.6	2437.1	2876.4	3725.5	*3831.9*	3640.0
52.5°	2175.8	2165.9	2267.7	2390.8	2494.1	2451.3	2534.4	3073.2	4016.0	*4153.7*	3949.1
55°	1983.1	1970.0	2082.0	2242.7	2407.4	2447.8	2631.8	3293.2	4358.8	*4498.5*	4268.5
57.5°	1677.5	1651.4	1793.1	1983.1	2266.1	2443.4	2733.1	3512.1	4707.1	*4874.5*	4609.3
60°	1231.8	1193.0	1366.8	1592.0	1989.8	2401.1	2858.6	3757.5	5125.1	*5275.9*	4981.4
62.5°	717.2	694.7	808.3	1018.4	1499.8	2151.7	2929.1	4042.9	5536.0	*5694.3*	5347.1
65°	556.9	550.6	560.5	576.7	834.8	1611.0	2711.8	4321.2	6058.4	*6169.3*	5728.3
67.5°	509.4	504.7	509.0	478.5	423.5	897.3	2145.4	4391.6	6618.1	*6685.4*	6062.0
70°	452.8	447.3	461.5	435.4	333.3	408.1	1386.2	4135.9	7063.4	*7189.7*	6315.7
72.5°	*368.9*	*362.6*	*395.8*	*383.9*	*280.6*	*262.0*	*696.2*	*3528.3*	*7016.7*	*7278.8*	*6134.0*
75°	283.4	279.8	319.4	329.3	228.8	206.2	334.1	2622.7	6174.8	*6438.8*	5286.6
77.5°	220.1	217.3	237.5	273.5	184.5	159.9	205.4	1663.6	4653.3	*4699.6*	3643.1
80°	165.1	157.1	175.7	211.8	143.7	116.8	139.3	970.2	2941.3	*2666.3*	1585.7
82.5°	103.3	99.4	114.8	141.3	101.3	80.4	90.6	535.9	1178.8	*694.3*	306.0
85°	59.0	57.4	62.5	80.7	55.0	46.3	51.9	236.7	215.3	*148.0*	92.2
87.5°	23.7	23.0	28.5	36.0	20.2	17.0	18.2	57.0	47.5	*43.9*	30.5
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°	1502.1	1502.1	1502.1	1502.1	1502.1	1502.1	1502.1	1502.1	1502.1	1502.1	1502.1
2.5°	1506.5	1506.5	1501.0	1492.2	1482.4	1476.0	1465.7	1463.0	1452.3	1449.1	1454.2
5°	1524.7	1521.5	1504.5	1480.0	1446.3	1415.5	1381.4	1360.0	1330.0	1319.3	1327.2
7.5°	1547.7	1539.0	1509.7	1455.8	1385.4	1316.1	1244.1	1189.4	1137.2	1118.6	1121.0
10°	1568.6	1556.4	1506.5	1412.3	1290.4	1170.4	1055.7	975.3	914.3	889.4	895.0
12.5°	1589.6	1567.1	1485.5	1339.9	1155.4	992.7	870.4	807.9	770.3	740.2	750.1
15°	1609.4	1577.7	1453.1	1242.9	1007.4	842.3	752.1	702.2	672.1	652.3	655.9
17.5°	1632.4	1586.8	1404.4	1119.8	866.5	738.2	664.6	634.5	628.6	626.2	627.8
20°	1664.4	1595.2	1340.3	982.0	762.7	655.1	617.1	614.3	613.9	612.7	616.7
22.5°	1698.9	1605.1	1255.5	857.0	674.5	603.2	596.5	591.0	587.4	587.0	591.4
25°	1739.6	1608.2	1149.5	754.4	599.3	578.7	570.8	562.5	560.1	560.1	562.5
27.5°	1779.2	1597.5	1026.0	665.4	556.9	556.1	545.8	543.1	542.7	543.9	547.0
30°	1818.8	1577.3	903.3	583.0	532.4	532.4	528.8	530.8	532.4	536.3	539.1
32.5°	1872.2	1556.0	800.7	522.1	511.0	507.0	510.6	514.6	516.2	521.3	525.7
35°	1950.6	1540.9	719.2	488.8	488.8	483.7	485.7	484.9	481.3	478.9	484.5
37.5°	2054.3	1540.1	651.9	473.4	470.2	469.4	469.8	464.7	450.8	434.2	434.6
40°	2179.0	1561.5	600.1	462.7	460.3	465.1	462.7	448.9	410.9	382.0	381.2
42.5°	2346.4	1622.5	566.8	449.7	456.8	462.7	453.2	405.3	379.6	360.2	359.4
45°	2543.5	1721.4	549.8	435.8	450.0	457.2	411.3	390.3	369.7	346.3	344.8
47.5°	2766.8	1846.1	545.8	422.7	435.0	439.4	393.4	383.9	360.6	335.3	333.3
50°	3009.8	1993.8	556.5	407.3	413.2	398.2	387.5	378.8	354.7	329.7	326.9
52.5°	3261.2	2156.4	577.9	386.3	391.5	374.8	385.1	377.6	351.1	317.4	315.1
55°	3508.2	2320.3	598.5	361.8	369.3	353.9	378.4	372.9	334.9	296.9	294.9
57.5°	3759.1	2483.4	618.7	340.0	347.9	333.7	367.7	360.2	316.7	277.9	277.1
60°	4020.0	2641.7	628.2	319.0	324.6	315.1	351.5	338.4	296.1	258.5	257.3
62.5°	4264.2	2773.5	612.7	298.1	301.6	297.7	330.1	312.7	275.5	236.7	236.3
65°	4509.2	2851.9	565.2	277.5	278.3	276.3	300.0	285.0	251.3	217.7	215.3
67.5°	4731.2	2895.8	489.6	255.3	253.3	252.5	271.9	254.9	228.0	198.7	196.3
70°	4778.4	2784.2	374.1	229.2	229.2	227.2	241.1	223.6	202.3	178.5	177.7
72.5°	*4364.3*	*2342.1*	*265.6*	*199.5*	*202.7*	*198.7*	*210.2*	*195.5*	*176.1*	*160.3*	*155.6*
75°	3519.2	1717.5	193.2	169.0	174.6	167.8	178.5	168.2	151.6	151.2	136.2
77.5°	2418.1	1062.0	140.1	139.3	143.3	134.6	146.8	141.3	126.3	119.5	112.0
80°	1031.9	423.5	102.1	107.7	107.7	99.7	114.0	115.6	102.5	99.4	99.4
82.5°	205.4	120.3	71.6	74.0	69.7	67.3	80.7	89.5	123.5	137.3	137.7
85°	61.7	44.3	43.1	40.4	35.6	36.0	47.5	89.9	110.8	63.3	54.6
87.5°	17.0	11.1	11.5	9.1	7.5	9.9	16.2	68.1	37.2	15.8	13.5
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)