Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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: P1203009

Luminaire Tested: GWC-SB2B-735-U-T2

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203009
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-3)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2B-735-U-T2
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11156 lumens
Efficiency:	N/A
Efficacy:	151.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B2 - U0 - G2

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

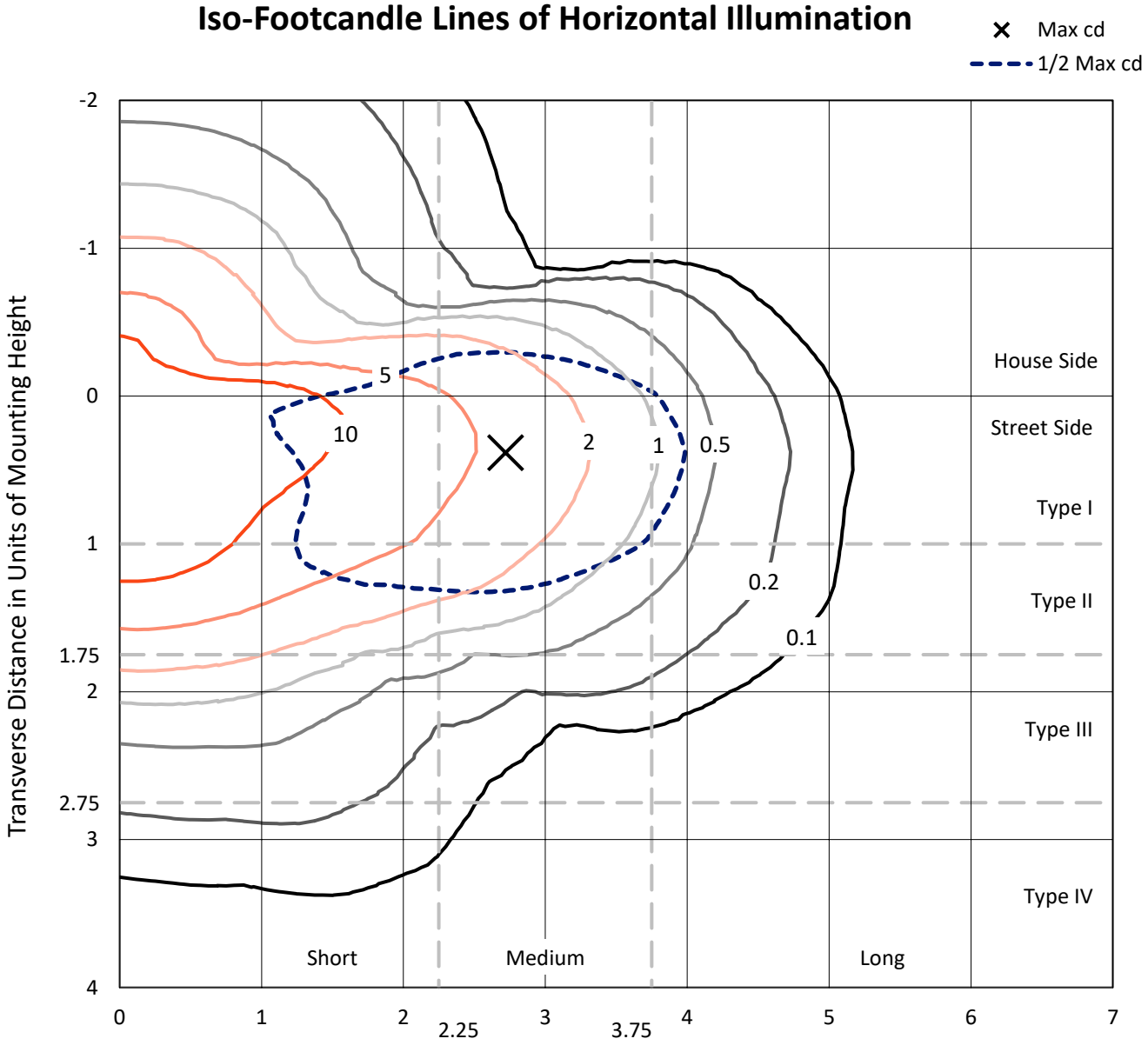


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Iso-Footcandle Lines of Horizontal Illumination



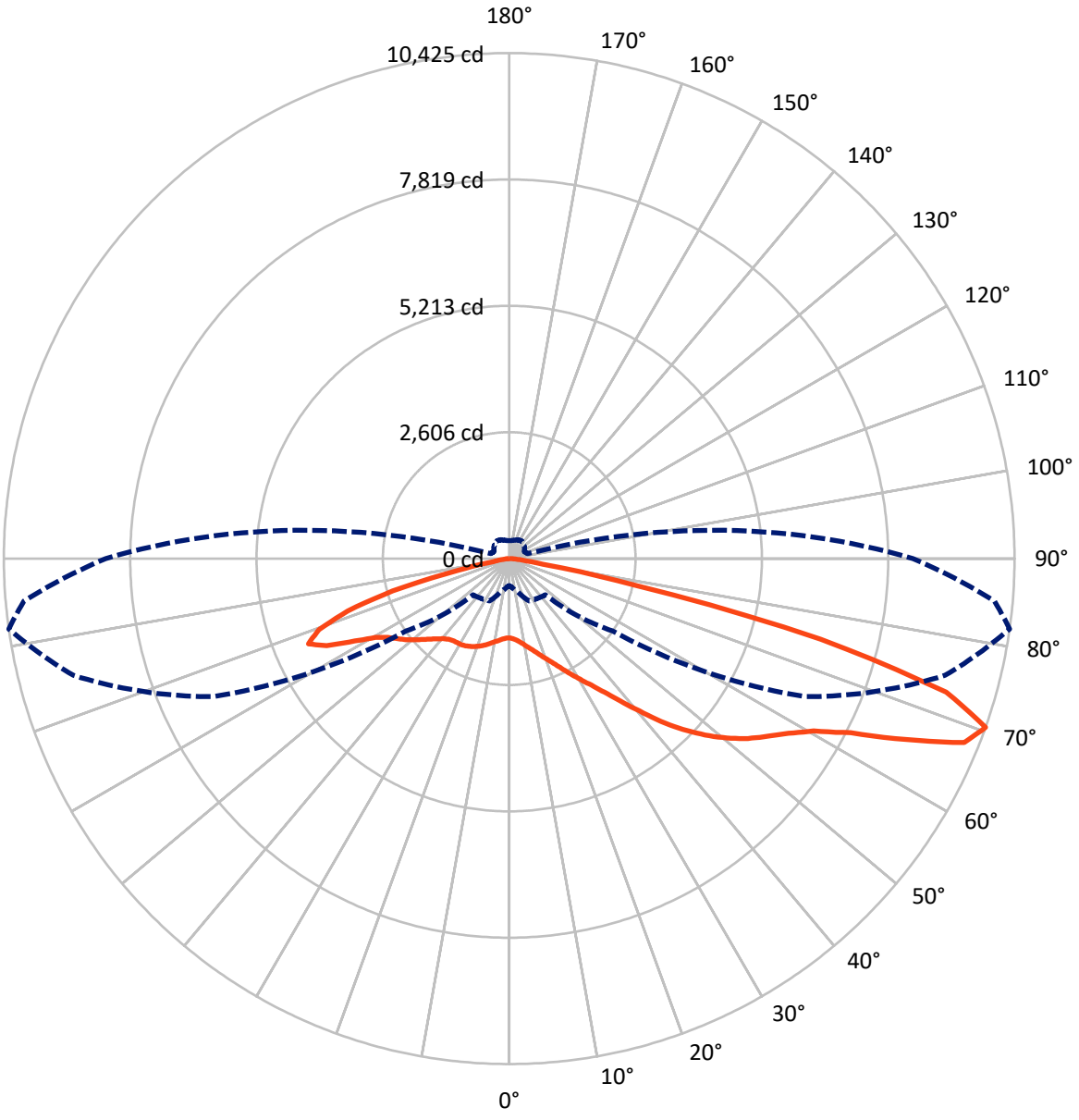
Based on 10 foot mounting height. Maximum calculated value = 18.6 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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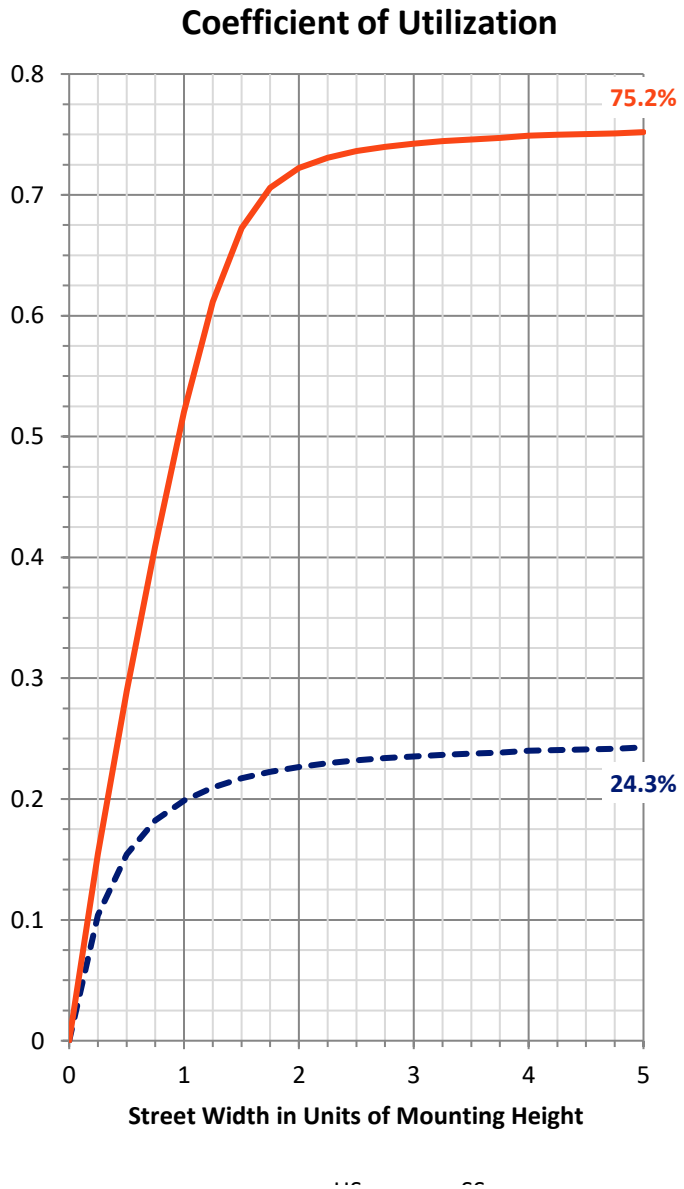
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2750.2	0.0	2750.2
	% Fixture	24.7	0.0	24.7
Street Side	Lumens	8405.8	0.0	8405.8
	% Fixture	75.3	0.0	75.3
Total	Lumens	11156.0	0.0	11156.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	154.4	1.4
10°-20°	443.7	4.0
20°-30°	742.2	6.7
30°-40°	1159.6	10.4
40°-50°	1846.8	16.6
50°-60°	2570.0	23.0
60°-70°	2688.3	24.1
70°-80°	1405.1	12.6
80°-90°	145.9	1.3
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°	11156.0	100.0
0°-180°	11156.0	100.0



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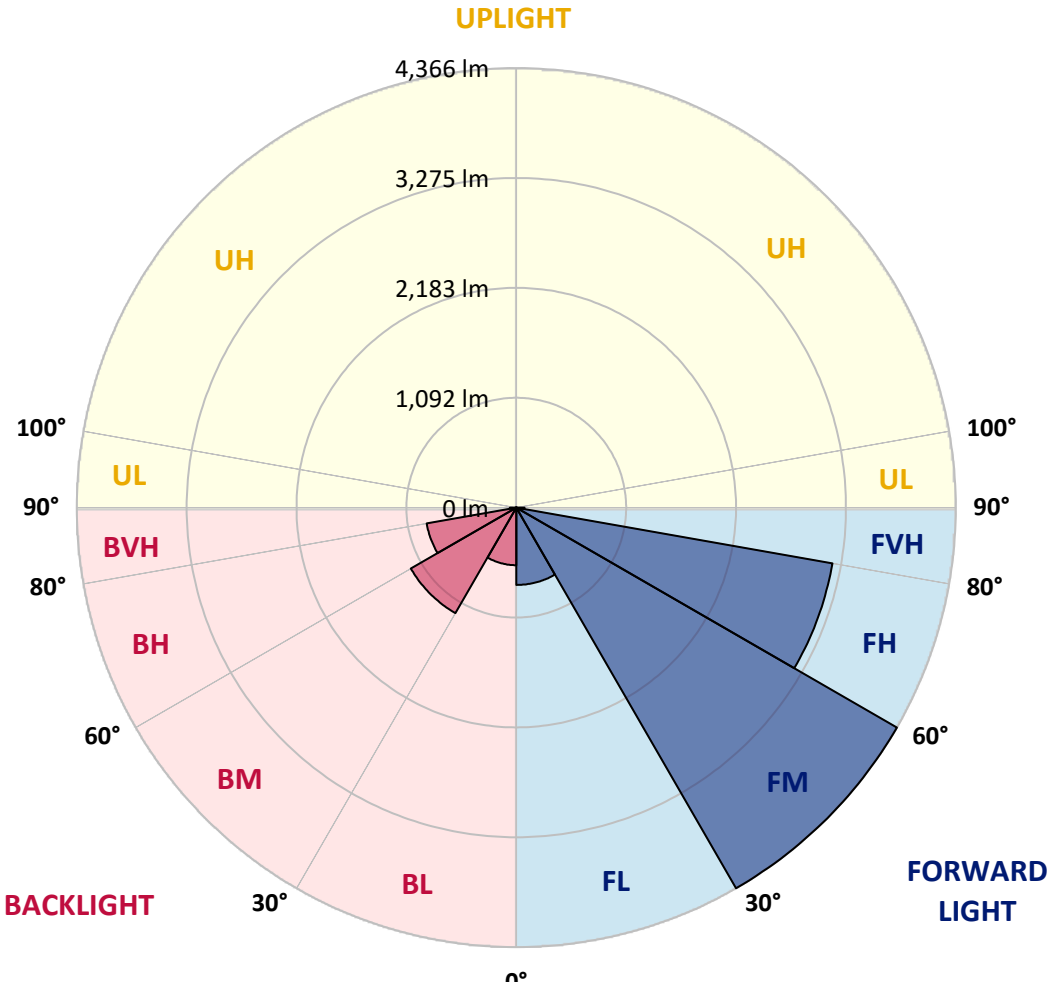
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	768.2	6.9			
FM	(30°-60°)	4366.3	39.1			
FH	(60°-80°)	3189.5	28.6			G2/5000
FVH	(80°-90°)	81.7	0.7			G1/100
BL	(0°-30°)	572.1	5.1	B2/1000		
BM	(30°-60°)	1210.0	10.8	B2/2500		
BH	(60°-80°)	903.9	8.1	B2/1000		G2/1000
BVH	(80°-90°)	64.2	0.6			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°	82°	85°
0°	1635.6	1635.6	1635.6	1635.6	1635.6	1635.6	1635.6	1635.6	1635.6	*1635.6*	1635.6
2.5°	1674.7	1684.2	1681.2	1678.2	1678.2	1674.1	1673.5	1667.6	1662.8	*1655.1*	1653.4
5°	1696.0	1706.1	1704.9	1707.2	1714.9	1716.7	1718.5	1714.9	1705.5	*1696.0*	1691.8
7.5°	1677.0	1688.3	1691.8	1706.1	1729.7	1751.0	1767.0	1773.5	1764.7	*1751.0*	1744.5
10°	1613.1	1625.5	1638.0	1671.7	1713.7	1764.1	1806.7	1832.1	1830.4	*1817.3*	1806.1
12.5°	1483.5	1496.5	1523.1	1588.8	1665.8	1754.6	1833.9	1887.2	1905.5	*1896.1*	1876.5
15°	1379.9	1391.1	1411.3	1478.7	1578.8	1713.7	1844.0	1947.6	1994.3	*1989.0*	1965.3
17.5°	1376.9	1381.7	1394.1	1426.1	1503.0	1649.8	1833.3	2006.8	2096.2	*2095.6*	2066.0
20°	1429.0	1430.8	1437.9	1444.4	1488.2	1601.3	1806.1	2055.9	2210.4	*2210.4*	2178.4
22.5°	1501.2	1500.0	1507.2	1501.2	1522.5	1597.1	1788.9	2099.1	2337.7	*2347.2*	2306.9
25°	1609.6	1603.6	1601.9	1588.3	1592.4	1635.6	1807.9	2148.3	2488.6	*2508.2*	2457.9
27.5°	1754.0	1744.5	1738.0	1706.6	1696.0	1714.9	1865.9	2207.5	2656.8	*2690.5*	2626.6
30°	1942.2	1925.1	1915.6	1861.1	1822.7	1825.6	1953.5	2286.2	2832.6	*2887.0*	2805.9
32.5°	2199.2	2172.5	2147.1	2057.7	1987.2	1964.2	2066.6	2395.1	3023.2	*3110.2*	3006.0
35°	2486.9	2465.5	2438.3	2300.4	2192.1	2138.8	2219.3	2547.2	3246.4	*3384.3*	3248.7
37.5°	2763.9	2745.6	2758.6	2572.7	2433.0	2355.4	2419.4	2751.5	3521.6	*3725.3*	3553.0
40°	3050.4	3036.2	3038.0	2860.4	2697.6	2610.6	2662.1	3007.8	3837.1	*4130.8*	3918.8
42.5°	3361.8	3351.1	3315.6	3158.2	2975.2	2894.1	2941.5	3303.8	4175.7	*4592.5*	4320.2
45°	3710.5	3703.9	3670.8	3490.2	3280.7	3189.5	3253.5	3630.5	4516.1	*5027.0*	4723.3
47.5°	4011.8	4017.1	4013.0	3860.8	3643.6	3509.8	3586.1	3971.5	4832.8	*5435.5*	5109.9
50°	4156.8	4184.6	4225.5	4178.1	4043.1	3907.0	3921.8	4300.7	5134.7	*5818.5*	5480.4
52.5°	4081.0	4133.7	4245.0	4320.8	4372.9	4344.5	4304.8	4627.4	5418.9	*6164.2*	5830.9
55°	3798.7	3872.7	4057.4	4240.3	4506.1	4712.7	4764.8	4989.7	5695.9	*6468.4*	6162.4
57.5°	3284.2	3404.4	3570.2	3940.1	4387.7	4890.8	5301.1	5492.3	5989.5	*6793.4*	6509.3
60°	2402.2	2563.2	2769.2	3319.8	3973.3	4795.5	5757.5	6264.2	6406.9	*7214.3*	6961.0
62.5°	1537.3	1636.8	1826.2	2344.8	3096.0	4307.2	5897.2	7229.1	7114.3	*7904.6*	7638.2
65°	1052.5	1116.5	1289.9	1581.1	2001.4	3206.1	5523.1	7952.5	8237.8	*8998.5*	8796.1
67.5°	764.8	813.4	961.4	1216.5	1304.1	1897.3	4285.9	7919.4	9330.0	*10125.6*	9810.7
70°	*557.6*	*592.0*	*716.3*	*961.4*	*1003.4*	*1055.5*	*2596.4*	*6731.9*	*9306.3*	*10425.2*	*10048.1*
72.5°	413.2	436.9	520.3	745.9	812.2	712.7	1285.2	4892.6	7996.9	*9429.5*	9127.0
75°	298.9	316.7	378.3	570.7	650.0	542.8	641.1	2859.2	5578.1	*6633.0*	6686.3
77.5°	228.5	242.1	282.4	417.9	520.3	407.3	397.8	1315.4	2644.9	*2657.9*	2807.1
80°	183.5	192.4	214.3	294.2	399.0	304.9	259.3	531.0	835.9	*707.4*	742.3
82.5°	135.0	149.8	181.1	206.6	285.3	210.1	158.1	268.2	317.9	*273.5*	275.9
85°	77.0	87.0	109.5	148.0	182.3	128.5	90.6	119.0	148.0	*121.4*	108.3
87.5°	27.2	35.5	38.5	58.0	79.3	53.3	34.9	34.3	48.5	*36.1*	30.2
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°	1635.6	1635.6	1635.6	1635.6	1635.6	1635.6	1635.6	1635.6	1635.6	1635.6	1635.6
2.5°	1647.4	1644.5	1632.6	1616.7	1600.1	1584.1	1578.8	1567.5	1559.8	1555.7	1560.4
5°	1680.6	1671.1	1643.3	1607.8	1570.5	1530.2	1501.8	1475.8	1456.8	1439.1	1446.2
7.5°	1728.0	1711.4	1663.4	1601.3	1535.0	1468.1	1418.4	1380.5	1355.0	1338.4	1342.0
10°	1783.0	1757.6	1684.2	1591.2	1488.8	1392.9	1334.3	1301.7	1285.8	1276.9	1279.2
12.5°	1846.3	1810.2	1705.5	1568.1	1418.4	1308.8	1268.6	1259.1	1259.7	1260.3	1261.5
15°	1924.5	1874.2	1722.6	1517.8	1326.6	1244.3	1237.2	1252.6	1268.6	1276.3	1275.7
17.5°	2012.7	1941.7	1725.6	1434.9	1236.6	1202.9	1225.4	1258.5	1282.8	1293.5	1295.8
20°	2107.4	2010.3	1704.3	1317.7	1162.6	1169.1	1209.4	1252.0	1278.7	1292.3	1295.8
22.5°	2215.7	2083.7	1653.4	1194.6	1102.2	1132.4	1179.8	1221.2	1249.1	1262.7	1266.2
25°	2339.5	2166.0	1573.5	1091.0	1050.2	1091.0	1138.4	1172.7	1195.2	1207.6	1211.2
27.5°	2476.8	2251.8	1466.9	1008.7	1004.6	1048.4	1087.4	1114.1	1125.9	1135.4	1138.9
30°	2614.7	2330.0	1337.8	946.6	964.9	1006.3	1034.2	1046.0	1049.6	1051.3	1055.5
32.5°	2763.9	2397.5	1202.3	895.1	927.0	965.5	982.1	987.4	970.8	959.6	963.1
35°	2944.5	2469.7	1069.7	854.2	889.7	922.9	928.2	923.5	903.9	880.8	882.0
37.5°	3167.6	2559.7	963.7	825.2	854.8	876.7	870.2	869.0	870.8	843.6	845.3
40°	3441.1	2676.9	886.2	802.7	826.4	831.1	812.8	822.8	831.7	790.3	791.5
42.5°	3744.8	2818.4	837.0	787.3	802.7	791.5	763.0	774.3	773.1	718.6	718.1
45°	4054.4	2972.3	819.9	776.1	780.8	758.3	726.9	729.9	705.0	655.9	657.7
47.5°	4362.2	3137.4	830.5	766.6	753.6	728.1	703.9	690.8	654.1	617.4	617.4
50°	4664.1	3310.9	869.6	747.7	716.3	701.5	683.7	660.6	621.6	590.2	587.8
52.5°	4944.1	3485.5	913.4	716.3	669.5	678.4	667.1	640.5	602.0	570.1	570.7
55°	5209.3	3660.1	930.6	673.1	625.7	658.3	651.8	602.6	556.5	530.4	528.0
57.5°	5498.2	3870.3	911.6	618.0	590.2	635.2	610.3	555.9	529.2	509.7	507.9
60°	5898.4	4200.0	870.8	549.9	556.5	600.8	558.2	535.7	506.7	484.8	483.6
62.5°	6563.2	4815.1	805.1	482.5	516.8	549.9	533.4	510.9	481.3	460.0	460.0
65°	7545.8	5669.9	681.4	429.8	472.4	500.2	506.7	484.2	453.4	431.0	432.1
67.5°	8374.6	6206.2	515.6	386.0	426.8	460.0	478.3	456.4	423.8	401.9	402.5
70°	*8329.0*	*5816.7*	*393.7*	*342.7*	*386.6*	*420.3*	*444.0*	*426.8*	*391.9*	*371.2*	*372.9*
72.5°	7397.8	4866.0	318.5	298.9	345.7	378.9	407.3	394.3	358.7	338.6	338.6
75°	5434.9	3454.1	254.5	254.5	294.8	335.6	367.0	358.7	326.2	312.0	307.8
77.5°	2290.9	1449.1	199.5	211.3	245.1	288.3	327.4	330.3	301.9	319.7	290.1
80°	609.1	399.6	152.1	166.3	192.4	238.0	284.7	283.6	252.8	236.2	219.6
82.5°	232.1	157.5	108.3	117.2	139.1	182.3	225.5	232.6	201.9	174.6	174.6
85°	89.4	67.5	66.9	70.4	81.1	120.8	170.5	176.4	152.1	129.0	133.2
87.5°	23.1	20.1	24.9	23.7	37.3	64.5	97.7	101.2	92.9	53.9	77.0
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)