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: P1203758

Luminaire Tested: GWC-SB2D-735-U-T3-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203758
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-6)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2D-735-U-T3-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15957 lumens
Efficiency:	N/A
Efficacy:	108.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G3

Input Watts (W):	147.6
Input Voltage (V):	120.0
Input Current (Ain):	1.234
Voltage Rise (V):	NR
Power Factor:	0.999
Total Harmonic Distortion (THDi):	3.108
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

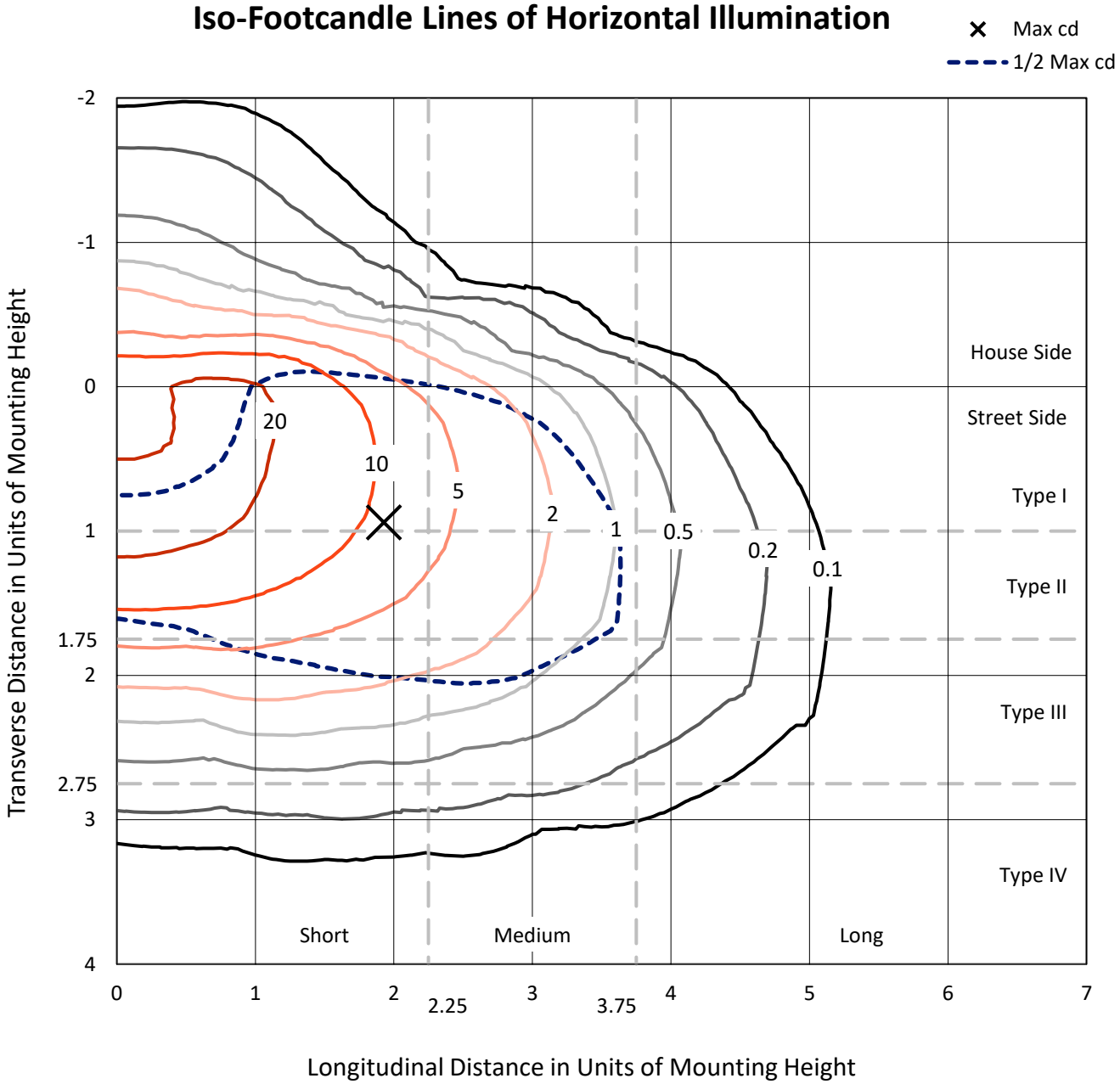


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Iso-Footcandle Lines of Horizontal Illumination



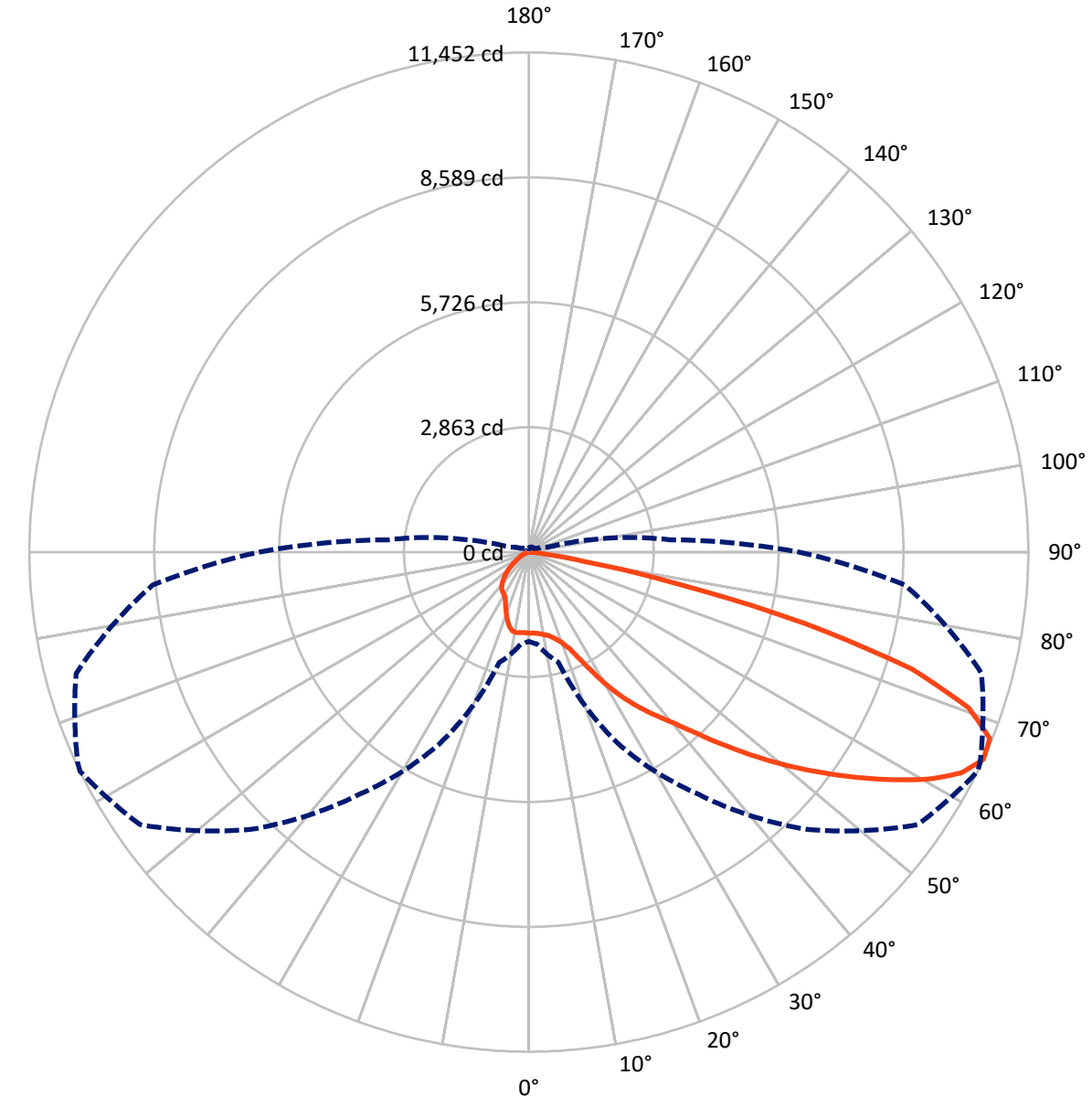
Based on 10 foot mounting height. Maximum calculated value = 29.2 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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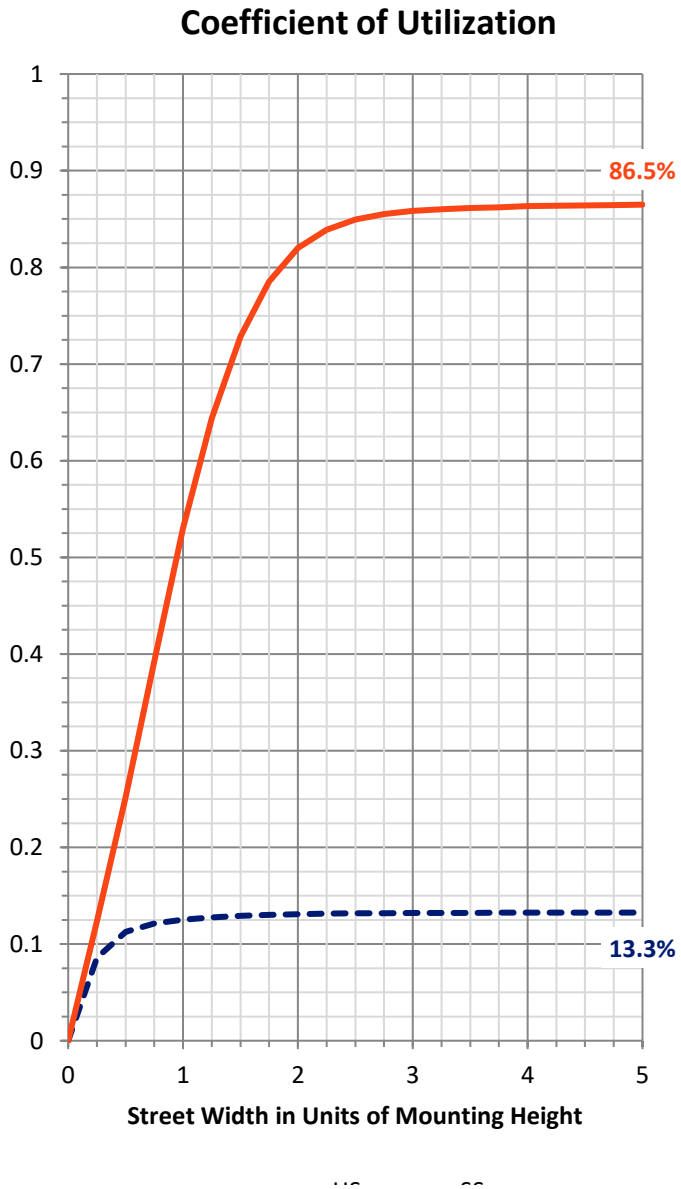
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2133.9	0.0	2133.9
	% Fixture	13.4	0.0	13.4
Street Side	Lumens	13823.1	0.0	13823.1
	% Fixture	86.6	0.0	86.6
Total	Lumens	15957.0	0.0	15957.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	171.2	1.1
10°-20°	464.4	2.9
20°-30°	880.0	5.5
30°-40°	1780.8	11.2
40°-50°	3033.6	19.0
50°-60°	4125.5	25.9
60°-70°	3874.0	24.3
70°-80°	1552.1	9.7
80°-90°	75.2	0.5
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°	15957.0	100.0
0°-180°	15957.0	100.0



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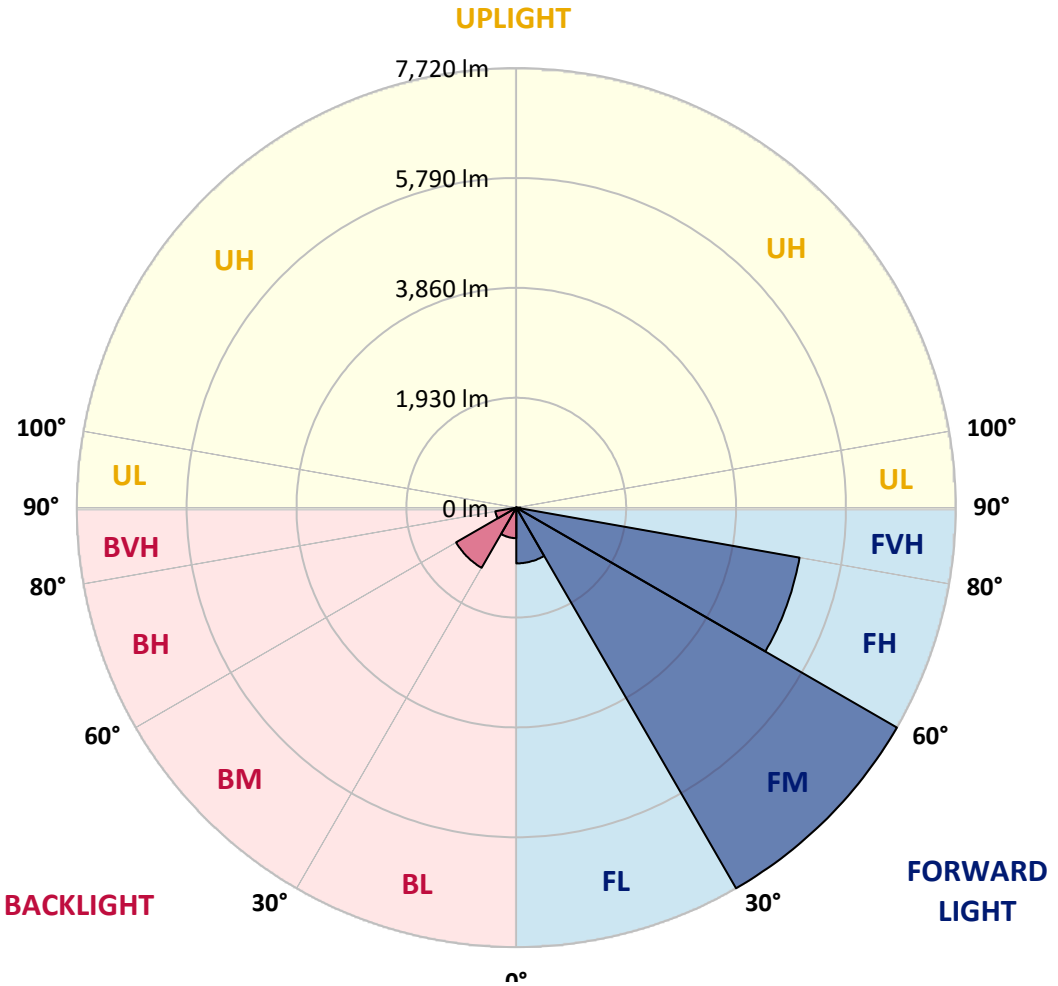
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	979.9	6.1			
FM	(30°-60°)	7720.0	48.4			
FH	(60°-80°)	5051.6	31.7			G3/7500
FVH	(80°-90°)	71.5	0.4			G1/100
BL	(0°-30°)	535.8	3.4	B2/1000		
BM	(30°-60°)	1220.0	7.6	B2/2500		
BH	(60°-80°)	374.5	2.3	B1/500		G1/500
BVH	(80°-90°)	3.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	1856.0	1856.0	1856.0	1856.0	1856.0	1856.0	1856.0	*1856.0*	1856.0	1856.0	1856.0
2.5°	1849.5	1862.4	1859.2	1856.0	1854.9	1857.0	1858.1	*1857.0*	1857.0	1857.0	1858.1
5°	1814.2	1824.9	1824.9	1832.4	1843.1	1856.0	1865.6	*1867.7*	1869.9	1873.1	1872.0
7.5°	1746.9	1755.4	1761.8	1786.4	1813.2	1847.4	1876.3	*1891.3*	1893.4	1905.2	1909.5
10°	1700.9	1711.6	1722.2	1747.9	1786.4	1837.8	1887.0	*1923.4*	1928.7	1956.5	1969.4
12.5°	1698.7	1709.4	1723.3	1751.1	1796.1	1850.6	1910.5	*1962.9*	1972.6	2013.2	2040.0
15°	1721.2	1734.0	1746.9	1781.1	1829.2	1895.5	1959.7	*2025.0*	2034.6	2092.4	2121.3
17.5°	1767.2	1784.3	1793.9	1828.2	1879.5	1953.3	2037.8	*2112.7*	2121.3	2188.6	2225.0
20°	1858.1	1878.4	1881.6	1909.5	1959.7	2038.9	2139.4	*2232.5*	2243.2	2320.2	2360.9
22.5°	2046.4	2075.3	2049.6	2063.5	2108.4	2187.6	2296.7	*2414.4*	2429.3	2517.1	2553.4
25°	2378.0	2418.6	2352.3	2328.8	2348.0	2430.4	2567.3	*2716.0*	2733.1	2803.7	2821.9
27.5°	3029.4	2977.0	2876.5	2778.1	2720.3	2767.4	2921.4	*3105.4*	3126.8	3195.3	3173.9
30°	3745.1	3699.1	3563.2	3345.0	3208.1	3200.6	3342.9	*3548.3*	3572.9	3638.1	3572.9
32.5°	4461.8	4417.9	4270.3	4001.8	3764.3	3646.7	3745.1	*3972.9*	3985.8	4027.5	3931.2
35°	5166.7	5121.8	4974.2	4699.3	4407.2	4139.8	4120.6	*4377.3*	4381.6	4425.4	4282.1
37.5°	5876.0	5838.5	5681.3	5411.7	5124.0	4754.9	4576.3	*4760.3*	4765.6	4808.4	4659.7
40°	6382.0	6398.0	6290.0	6081.4	5834.3	5431.0	5087.6	*5167.8*	5135.7	5207.4	5118.6
42.5°	6816.3	6848.3	6754.2	6649.4	6506.0	6150.9	5720.9	*5707.0*	5655.6	5694.1	5602.1
45°	7191.7	7218.5	7134.0	7109.4	7106.2	6856.9	6413.0	*6329.5*	6257.9	6250.4	6140.2
47.5°	7329.7	7381.1	7417.4	7499.8	7660.3	7555.4	7128.6	*6999.2*	6919.0	6860.1	6685.8
50°	7382.1	7436.7	7560.8	7800.4	8180.2	8225.1	7841.1	*7695.6*	7597.2	7490.2	7233.4
52.5°	7311.5	7408.9	7575.8	7979.0	8530.0	8762.1	8524.6	*8397.3*	8285.0	8110.6	7729.8
55°	6895.4	6992.8	7334.0	7976.9	8704.3	9138.6	9170.7	*9114.0*	8987.8	8712.9	8130.9
57.5°	6018.2	6162.7	6702.9	7705.2	8701.1	9462.7	9804.0	*9844.6*	9703.4	9309.8	8446.5
60°	4803.0	4998.8	5657.8	7102.9	8432.6	9638.2	10359.2	*10562.4*	10412.7	9898.1	8702.2
62.5°	3351.4	3578.2	4201.9	6159.4	7818.6	9512.0	10764.6	*11140.1*	11026.7	10424.4	8800.6
65°	*2044.2*	*2117.0*	*2619.7*	*4846.9*	*6774.5*	*8983.5*	*10889.8*	*11452.4*	*11415.0*	*10746.4*	*8655.1*
67.5°	1361.8	1422.7	1567.1	3323.6	5258.7	7927.7	10590.2	*11397.9*	11408.6	10694.0	8122.4
70°	820.5	872.9	967.0	1933.0	3408.1	6275.0	9662.8	*10702.6*	10764.6	9993.3	7112.6
72.5°	338.0	373.3	458.9	876.1	1765.0	3982.6	7694.5	*9188.9*	9333.3	8402.7	5458.8
75°	191.5	209.7	269.6	439.7	765.9	1856.0	4660.8	*6523.2*	6736.0	5791.5	3284.0
77.5°	127.3	135.9	174.4	284.5	431.1	633.3	1991.8	*3398.5*	3805.0	3163.2	1421.7
80°	85.6	93.1	119.8	190.4	280.3	271.7	634.3	*1259.1*	1549.0	1086.8	346.6
82.5°	57.8	58.8	85.6	125.2	177.6	131.6	187.2	*391.5*	492.1	314.5	131.6
85°	33.2	32.1	63.1	72.7	79.2	54.6	56.7	*117.7*	154.0	132.6	74.9
87.5°	4.3	6.4	24.6	19.3	10.7	11.8	11.8	*20.3*	30.0	32.1	16.0
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°	1856.0	1856.0	1856.0	1856.0	1856.0	1856.0	1856.0	1856.0	1856.0	1856.0	1856.0
2.5°	1858.1	1857.0	1853.8	1850.6	1843.1	1838.8	1841.0	1838.8	1837.8	1838.8	1843.1
5°	1872.0	1868.8	1860.2	1849.5	1834.6	1816.4	1804.6	1787.5	1771.5	1761.8	1764.0
7.5°	1909.5	1906.2	1894.5	1864.5	1816.4	1740.4	1670.9	1609.9	1563.9	1537.2	1538.3
10°	1969.4	1964.0	1945.8	1879.5	1753.3	1587.5	1449.5	1335.0	1260.1	1224.8	1221.6
12.5°	2040.0	2033.5	2001.4	1865.6	1633.5	1374.6	1184.2	1056.9	987.4	956.3	953.1
15°	2123.4	2114.8	2051.7	1799.3	1459.1	1139.3	964.9	869.7	824.8	796.9	798.0
17.5°	2227.2	2212.2	2089.2	1699.8	1269.8	959.5	830.1	758.4	718.9	692.1	690.0
20°	2361.9	2337.3	2119.1	1581.0	1095.4	846.1	739.2	679.3	649.3	625.8	621.5
22.5°	2550.2	2514.9	2155.5	1452.7	972.4	768.1	671.8	627.9	603.3	576.6	572.3
25°	2783.4	2741.7	2200.4	1333.9	887.9	700.7	622.6	586.2	557.3	526.3	523.1
27.5°	3109.7	3034.8	2253.9	1236.6	815.1	642.9	577.6	537.0	503.8	478.2	472.8
30°	3473.4	3350.4	2301.0	1177.8	748.8	589.4	518.8	478.2	447.1	429.0	425.7
32.5°	3817.8	3651.0	2332.0	1152.1	688.9	528.4	454.6	410.8	387.2	381.9	385.1
35°	4143.0	3922.7	2328.8	1127.5	635.4	467.5	391.5	346.6	328.4	331.6	331.6
37.5°	4517.4	4212.6	2306.3	1089.0	591.6	411.8	337.0	297.4	281.3	282.4	286.7
40°	4952.8	4547.4	2292.4	1016.2	543.4	360.5	292.0	259.9	248.2	243.9	242.8
42.5°	5417.1	4871.5	2294.6	933.9	483.5	314.5	261.0	234.3	223.6	220.4	219.3
45°	5883.5	5180.7	2297.8	848.3	420.4	279.2	238.5	216.1	209.7	205.4	205.4
47.5°	6322.0	5443.8	2237.9	756.3	358.4	252.5	220.4	205.4	200.0	194.7	194.7
50°	6730.7	5619.2	2093.4	649.3	309.1	231.1	206.5	195.8	190.4	185.1	185.1
52.5°	7048.4	5647.1	1854.9	539.1	274.9	215.0	197.9	188.3	181.9	176.5	175.4
55°	7189.6	5472.7	1515.8	436.4	248.2	201.1	189.3	179.7	172.2	166.9	165.8
57.5°	7153.2	5105.8	1182.0	350.9	222.5	187.2	178.6	172.2	163.7	155.1	154.0
60°	6974.6	4614.8	891.1	292.0	199.0	172.2	166.9	161.5	149.8	136.9	134.8
62.5°	6665.4	3997.5	635.4	241.8	173.3	155.1	153.0	148.7	131.6	108.0	105.9
65°	*6192.6*	*3247.7*	*427.9*	*201.1*	*148.7*	*135.9*	*136.9*	*129.4*	*107.0*	*80.2*	*78.1*
67.5°	5501.6	2374.8	273.8	164.7	124.1	113.4	114.5	110.2	90.9	68.5	65.3
70°	4621.2	1572.5	178.6	125.2	99.5	87.7	94.1	95.2	77.0	55.6	53.5
72.5°	3387.8	928.5	125.2	93.1	72.7	61.0	77.0	79.2	62.0	41.7	39.6
75°	1930.8	440.7	94.1	67.4	44.9	42.8	59.9	59.9	42.8	27.8	25.7
77.5°	810.8	184.0	66.3	43.9	25.7	24.6	40.6	37.4	21.4	12.8	12.8
80°	234.3	82.4	35.3	21.4	10.7	9.6	16.0	11.8	5.3	2.1	2.1
82.5°	92.0	36.4	13.9	8.6	4.3	4.3	2.1	0.0	0.0	0.0	0.0
85°	54.6	15.0	6.4	3.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.9	3.2	2.1	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


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SS

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(END OF REPORT)