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: P1201141

Luminaire Tested: GWC-SB1A-735-U-T3

Issue Date: 10/30/2025

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201141
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-5)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1A-735-U-T3
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE III OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4512 lumens
Efficiency:	N/A
Efficacy:	146.0 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	30.9
Input Voltage (V):	120.0
Input Current (Ain):	0.263
Voltage Rise (V):	NR
Power Factor:	0.995
Total Harmonic Distortion (THDi):	6.356
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

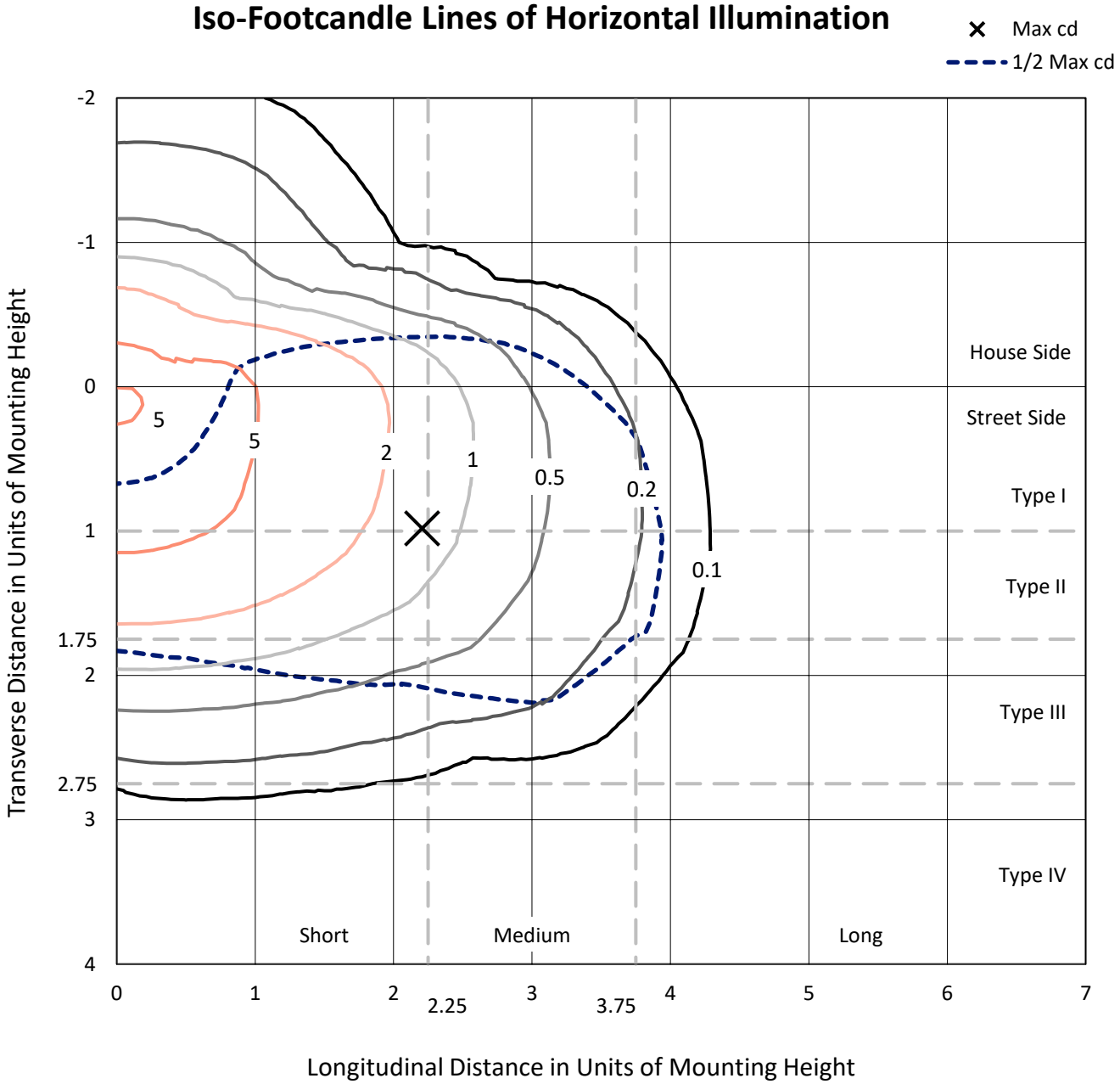


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Iso-Footcandle Lines of Horizontal Illumination



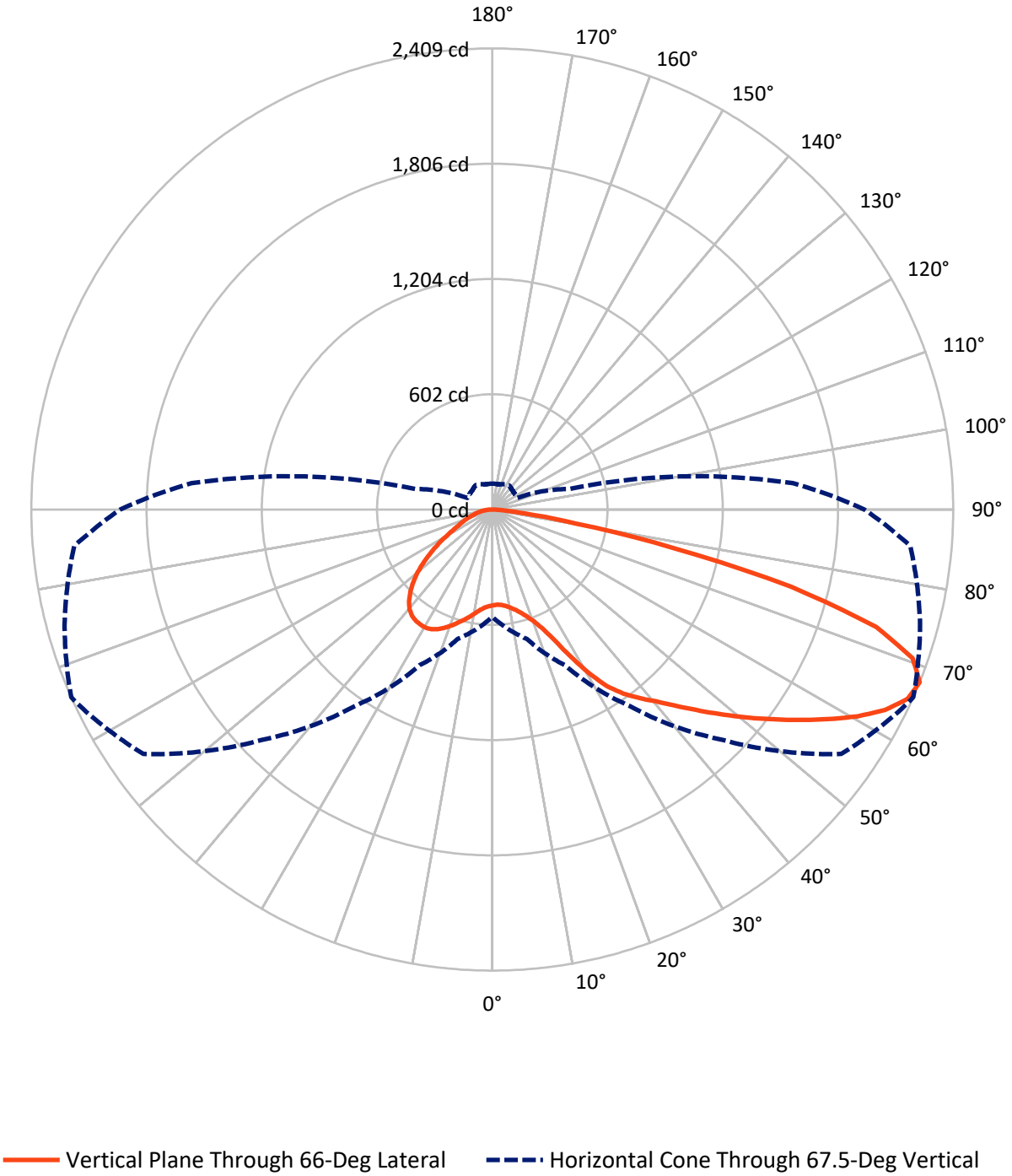
Based on 10 foot mounting height. Maximum calculated value = 7.1 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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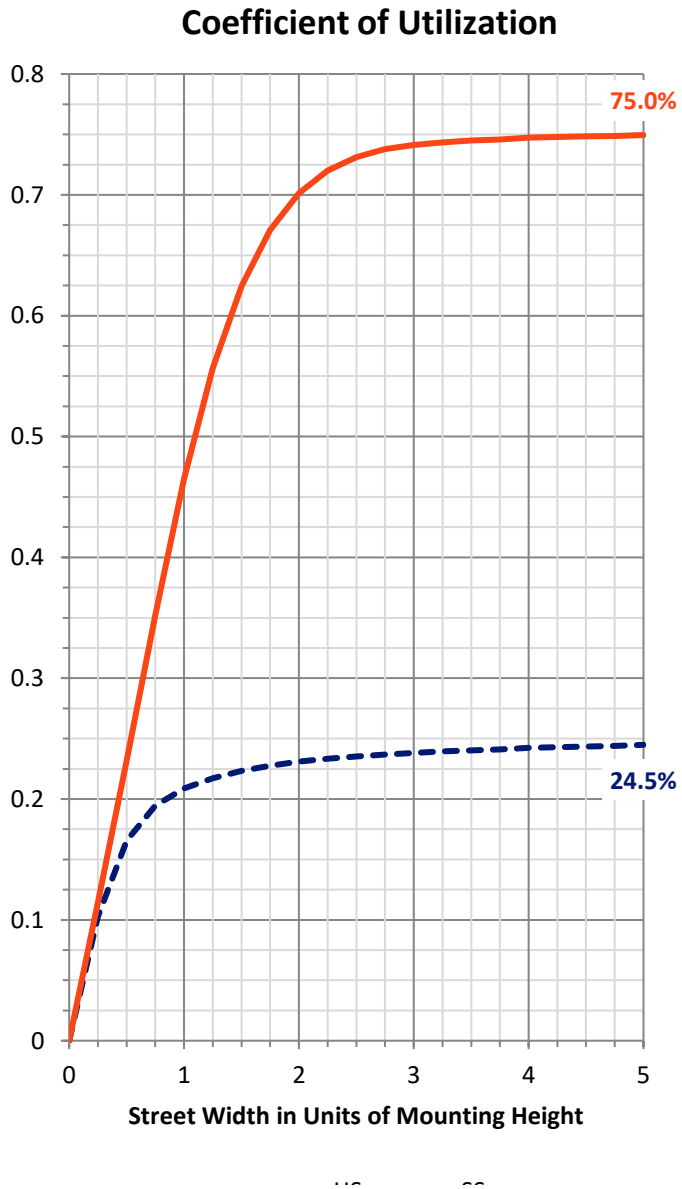
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1121.9	0.0	1121.9
	% Fixture	24.9	0.0	24.9
Street Side	Lumens	3390.1	0.0	3390.1
	% Fixture	75.1	0.0	75.1
Total	Lumens	4512.0	0.0	4512.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.6	1.1
10°-20°	163.9	3.6
20°-30°	316.0	7.0
30°-40°	554.0	12.3
40°-50°	823.6	18.3
50°-60°	1044.0	23.1
60°-70°	1021.5	22.6
70°-80°	487.3	10.8
80°-90°	52.1	1.2
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°	4512.0	100.0
0°-180°	4512.0	100.0



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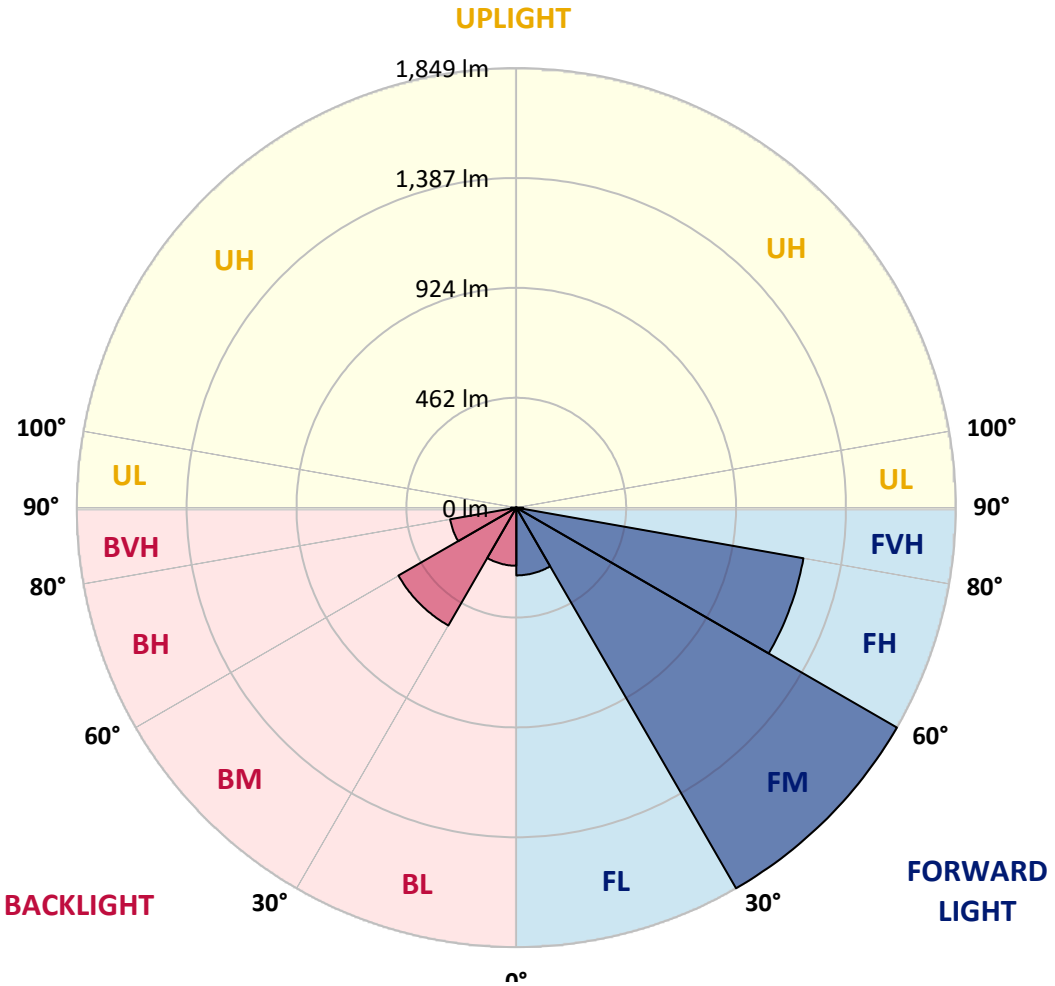
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	285.1	6.3			
FM	(30°-60°)	1849.0	41.0			
FH	(60°-80°)	1226.5	27.2			G1/1800
FVH	(80°-90°)	29.5	0.7			G1/100
BL	(0°-30°)	244.4	5.4	B1/500		
BM	(30°-60°)	572.6	12.7	B1/1000		
BH	(60°-80°)	282.3	6.3	B1/500		G1/500
BVH	(80°-90°)	22.6	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	500.4	500.4	500.4	500.4	500.4	500.4	500.4	500.4	*500.4*	500.4	500.4
2.5°	495.2	498.1	497.4	496.2	495.9	496.4	497.1	497.8	*497.6*	498.8	500.7
5°	493.8	496.6	496.4	496.4	497.4	499.3	500.4	501.6	*500.4*	501.9	504.5
7.5°	494.8	496.9	497.8	498.8	501.2	504.7	507.6	510.2	*508.7*	510.4	513.7
10°	506.8	508.5	509.4	509.4	511.1	515.1	518.0	522.7	*521.5*	524.1	528.4
12.5°	528.9	530.5	530.5	529.6	530.8	533.4	534.3	539.6	*537.4*	541.7	546.0
15°	555.9	559.2	556.6	555.0	555.4	558.0	557.8	561.8	*559.7*	563.3	567.1
17.5°	585.8	590.1	585.8	585.5	584.6	587.4	587.7	591.2	*587.4*	590.1	592.7
20°	621.1	627.0	623.5	624.7	622.5	623.7	624.9	630.1	*624.2*	626.1	625.4
22.5°	670.9	678.0	674.2	678.7	677.3	676.3	676.1	685.3	*676.1*	676.8	669.9
25°	743.4	752.0	745.3	751.5	751.5	754.6	758.1	770.0	*754.6*	750.1	732.3
27.5°	850.6	859.1	846.1	849.9	848.7	856.3	852.5	881.9	*865.3*	857.9	822.1
30°	979.5	994.7	970.1	969.1	967.9	980.0	985.5	1004.9	*988.1*	980.7	937.6
32.5°	1118.9	1134.8	1105.4	1096.9	1092.4	1099.7	1095.2	1110.9	*1099.3*	1087.9	1034.5
35°	1266.4	1282.0	1254.1	1237.5	1219.5	1204.0	1187.9	1192.0	*1181.0*	1163.7	1108.5
37.5°	1405.8	1434.5	1404.8	1387.1	1353.9	1323.8	1278.7	1260.0	*1249.8*	1233.9	1178.2
40°	1547.8	1564.1	1541.6	1526.4	1490.4	1443.2	1371.2	1331.6	*1317.8*	1302.4	1255.2
42.5°	1652.3	1668.0	1655.9	1645.5	1617.2	1562.5	1469.3	1419.8	*1399.9*	1382.6	1342.5
45°	1735.3	1746.9	1739.3	1743.1	1731.0	1677.9	1571.0	1514.4	*1493.7*	1472.6	1441.1
47.5°	1768.7	1781.1	1793.1	1815.7	1836.3	1797.2	1680.3	1616.8	*1595.0*	1573.4	1542.3
50°	1764.9	1777.5	1812.6	1860.5	1924.5	1911.4	1795.5	1725.8	*1705.7*	1681.0	1652.3
52.5°	1734.6	1748.8	1793.9	1873.5	1975.4	1997.0	1912.9	1838.4	*1819.5*	1790.1	1761.4
55°	1654.9	1663.5	1731.0	1843.9	1987.5	2056.8	2027.8	1958.4	*1939.4*	1898.4	1867.1
57.5°	1507.2	1519.6	1618.0	1764.0	1957.2	2097.3	2128.8	2084.5	*2066.2*	2007.2	1974.5
60°	1314.5	1334.2	1446.8	1629.8	1879.9	2097.1	2220.6	2208.5	*2193.3*	2114.4	2080.2
62.5°	1096.4	1119.2	1227.5	1440.2	1744.8	2037.6	2277.9	2312.3	*2304.5*	2213.2	2169.6
65°	842.0	857.7	965.6	1194.8	1534.5	1909.8	2284.6	2383.2	*2384.6*	2288.4	2216.3
67.5°	*560.7*	*605.7*	*699.3*	*896.6*	*1252.9*	*1700.9*	*2226.3*	*2394.8*	*2408.6*	*2314.2*	*2192.8*
70°	273.6	332.8	424.6	582.7	896.6	1380.7	2073.8	2299.5	*2330.1*	2238.8	2053.0
72.5°	113.6	132.8	182.8	287.6	514.7	931.7	1767.5	2041.1	*2097.8*	1983.7	1726.1
75°	76.6	83.0	104.5	147.5	234.5	459.4	1274.7	1521.9	*1613.2*	1498.2	1224.7
77.5°	59.0	63.1	76.1	103.1	139.4	173.8	682.3	917.2	*964.4*	892.8	637.2
80°	46.5	49.5	56.9	75.1	98.9	92.9	232.6	415.6	*442.8*	371.5	204.8
82.5°	40.3	41.5	40.8	51.0	65.7	54.3	76.3	153.4	*169.3*	122.8	66.9
85°	29.2	32.5	33.9	31.5	34.8	27.5	31.3	54.3	*59.7*	53.3	37.7
87.5°	11.9	17.5	21.6	20.4	12.8	7.8	9.7	15.9	*18.3*	19.9	12.3
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°	500.4	500.4	500.4	500.4	500.4	500.4	500.4	500.4	500.4	500.4	500.4
2.5°	500.9	502.6	503.8	505.2	506.1	507.6	510.4	512.1	512.3	513.5	513.2
5°	505.4	507.8	510.4	514.2	518.5	522.0	527.5	531.3	532.7	533.9	533.6
7.5°	515.1	518.5	523.2	529.8	536.0	540.7	547.4	551.9	556.4	558.0	558.3
10°	529.6	534.3	541.2	550.2	556.9	563.0	569.9	573.7	578.2	580.1	581.0
12.5°	547.6	552.6	561.6	574.2	580.3	584.6	587.0	586.0	587.0	588.6	589.1
15°	568.2	573.7	583.9	597.4	601.7	597.9	592.7	587.9	587.2	587.7	589.3
17.5°	592.7	596.7	608.5	619.9	616.8	601.2	589.8	582.2	578.4	577.2	578.9
20°	626.8	626.8	636.5	643.6	623.0	596.5	578.7	566.3	558.5	555.2	554.5
22.5°	668.3	664.5	670.7	665.7	621.8	583.2	558.5	537.2	525.3	520.6	519.9
25°	720.9	716.4	714.7	683.9	613.3	562.1	522.0	496.2	485.7	483.1	483.6
27.5°	800.3	788.9	767.4	693.9	597.6	528.9	479.3	455.4	449.5	449.7	450.4
30°	906.1	883.3	830.4	695.5	572.0	481.9	435.7	418.7	415.8	417.0	421.0
32.5°	1004.0	982.4	894.9	688.0	532.7	436.0	396.6	385.2	381.0	382.4	384.3
35°	1080.8	1074.8	954.7	677.3	484.3	392.8	361.5	351.8	343.5	341.6	343.0
37.5°	1153.3	1150.9	999.5	662.4	436.4	362.2	333.3	320.5	308.4	301.8	302.0
40°	1233.0	1230.6	1028.9	639.4	394.0	335.7	307.9	291.1	276.2	264.1	265.3
42.5°	1322.6	1308.6	1042.8	606.4	358.0	313.2	287.3	264.6	244.9	233.7	234.5
45°	1420.5	1389.0	1042.6	564.4	327.6	292.5	265.3	233.0	214.8	204.3	203.9
47.5°	1524.3	1465.8	1029.8	518.0	298.2	269.8	231.1	206.5	194.4	188.0	186.6
50°	1631.5	1537.6	1008.0	464.6	268.1	243.9	209.8	193.0	183.7	177.8	175.7
52.5°	1732.2	1602.8	981.7	404.2	237.5	218.8	200.3	187.3	177.6	170.9	168.1
55°	1825.9	1659.0	944.5	342.3	212.6	202.0	195.8	184.9	173.8	165.9	162.9
57.5°	1909.1	1695.5	880.2	284.2	194.9	190.4	191.1	180.9	168.1	161.4	157.2
60°	1978.3	1722.3	785.2	230.4	180.4	179.0	183.7	173.3	158.4	150.8	147.5
62.5°	2019.8	1721.8	668.5	188.7	168.1	168.6	174.0	163.8	148.6	141.5	139.4
65°	2016.2	1679.6	540.5	161.4	156.2	156.7	163.8	153.4	140.6	136.3	136.1
67.5°	*1944.9*	*1576.7*	*414.6*	*143.7*	*143.2*	*145.3*	*153.6*	*146.3*	*135.6*	*135.1*	*135.8*
70°	1751.7	1363.1	298.7	129.4	129.7	132.8	143.7	141.8	133.0	133.9	133.7
72.5°	1404.6	1039.3	200.6	114.5	114.7	119.7	134.2	138.2	130.4	142.9	144.8
75°	935.5	648.1	129.0	98.6	98.9	105.3	125.9	131.3	123.3	142.5	143.7
77.5°	449.5	291.4	93.4	83.0	83.0	88.9	108.8	117.6	105.0	110.7	101.5
80°	155.3	109.5	73.5	66.9	65.4	69.5	91.7	101.9	90.6	83.4	78.2
82.5°	61.2	56.9	59.0	51.9	47.2	49.8	71.4	84.2	66.6	60.2	60.0
85°	35.1	37.0	41.7	34.4	27.3	30.6	52.4	60.5	50.3	44.3	45.3
87.5°	9.5	13.0	19.2	17.8	12.3	13.0	24.9	33.4	28.9	22.3	23.0
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)