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: P1203384

Luminaire Tested: GWC-SB2C-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:	P1203384
	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-SB2C-735-U-T3-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 615mA 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:	11744 lumens
Efficiency:	N/A
Efficacy:	116.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

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

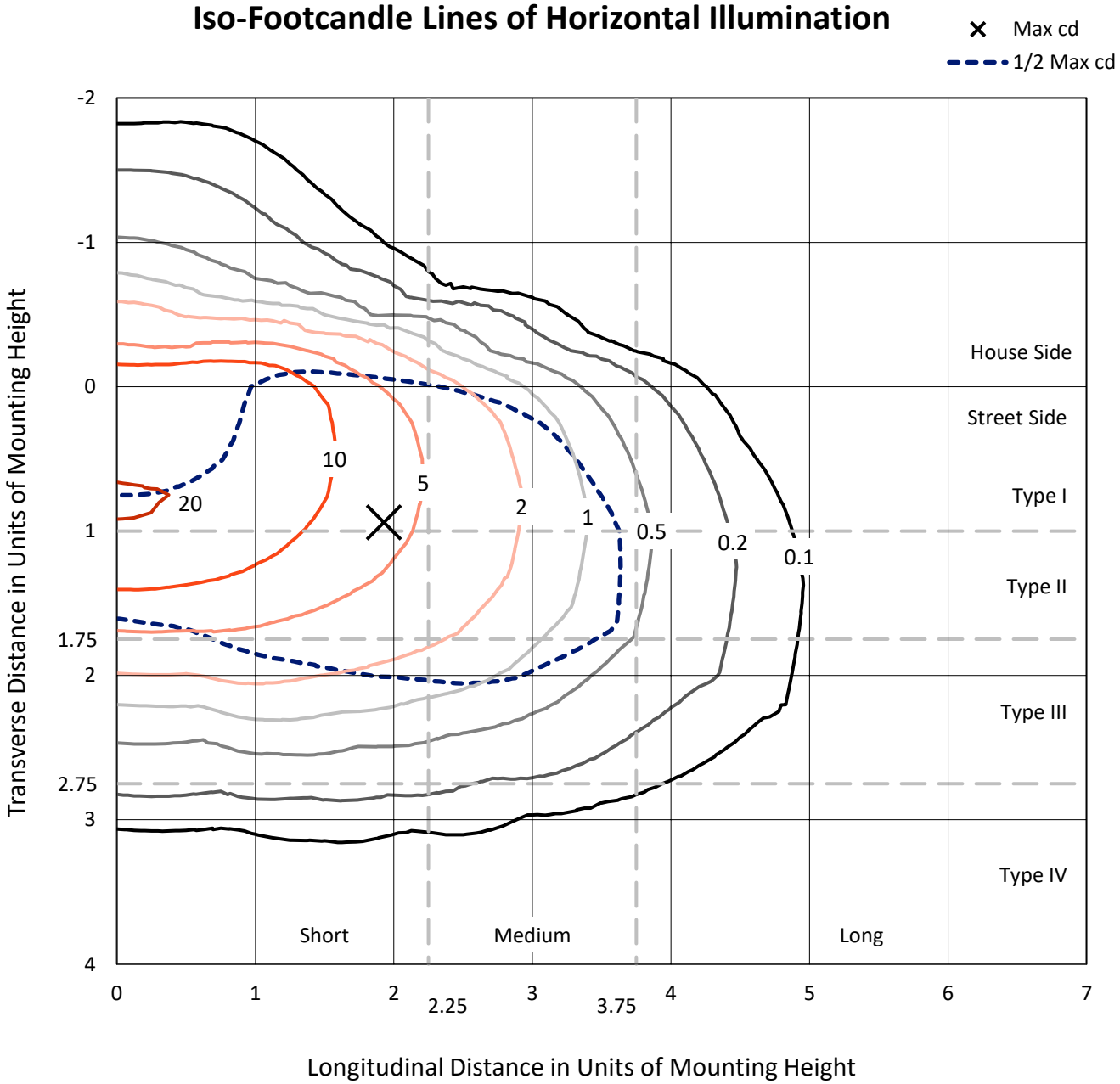


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Iso-Footcandle Lines of Horizontal Illumination



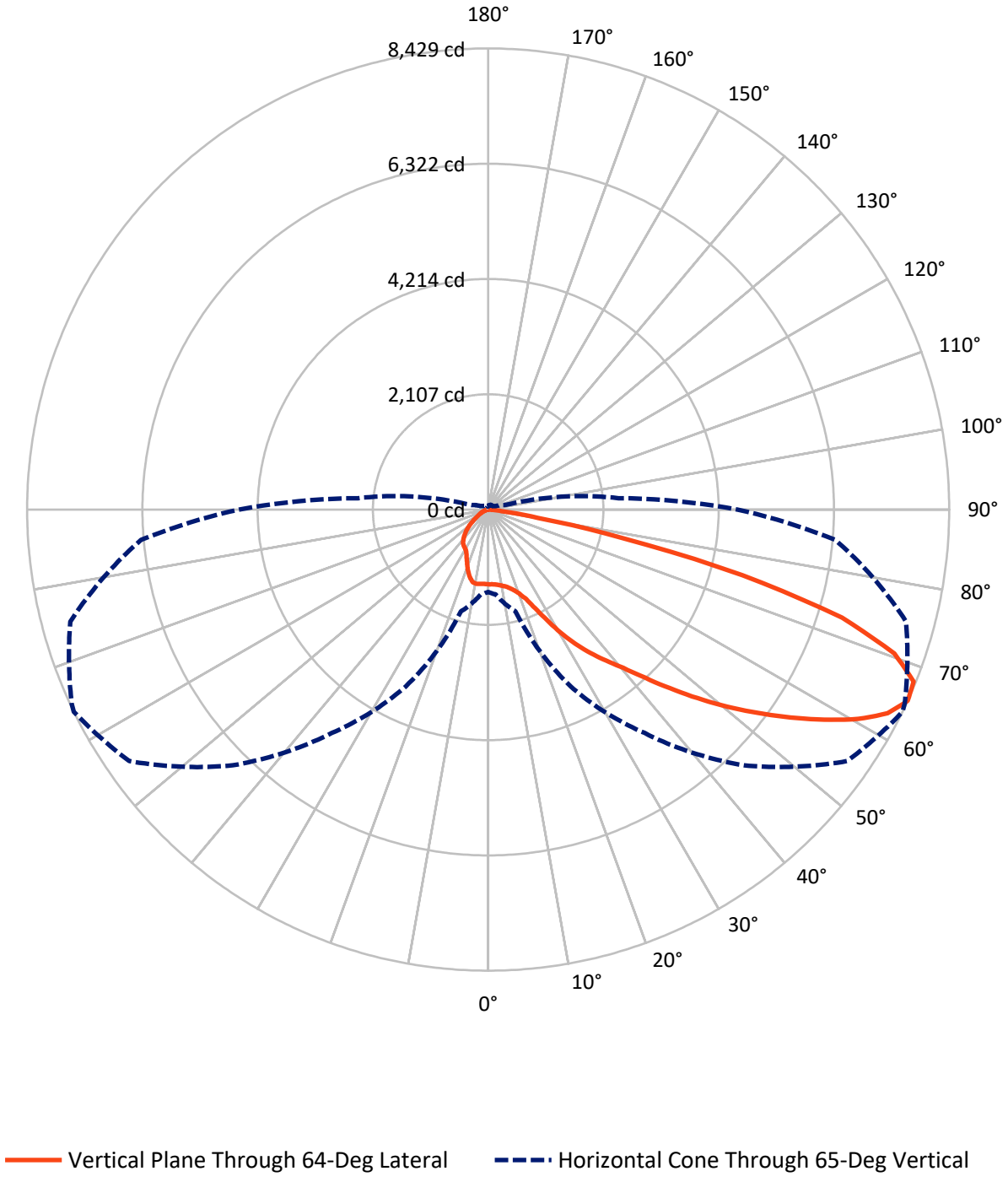
Based on 10 foot mounting height. Maximum calculated value = 21.5 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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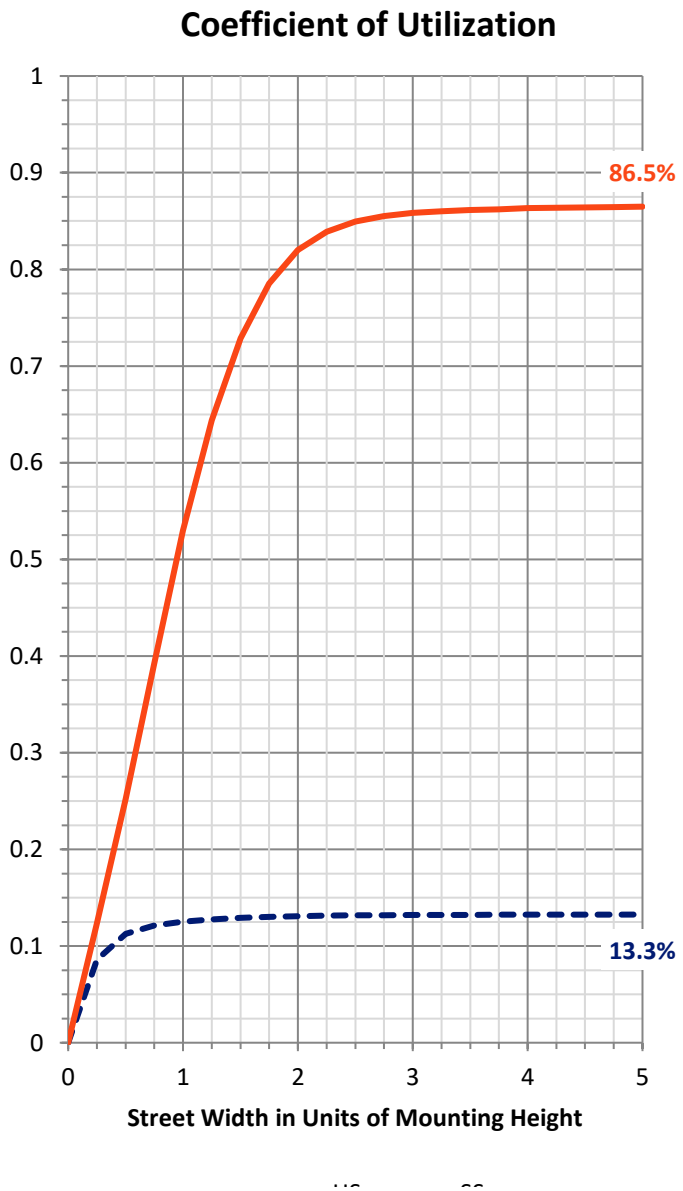
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1570.5	0.0	1570.5
	% Fixture	13.4	0.0	13.4
Street Side	Lumens	10173.5	0.0	10173.5
	% Fixture	86.6	0.0	86.6
Total	Lumens	11744.0	0.0	11744.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.0	1.1
10°-20°	341.8	2.9
20°-30°	647.7	5.5
30°-40°	1310.6	11.2
40°-50°	2232.7	19.0
50°-60°	3036.3	25.9
60°-70°	2851.2	24.3
70°-80°	1142.3	9.7
80°-90°	55.3	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°	11744.0	100.0
0°-180°	11744.0	100.0



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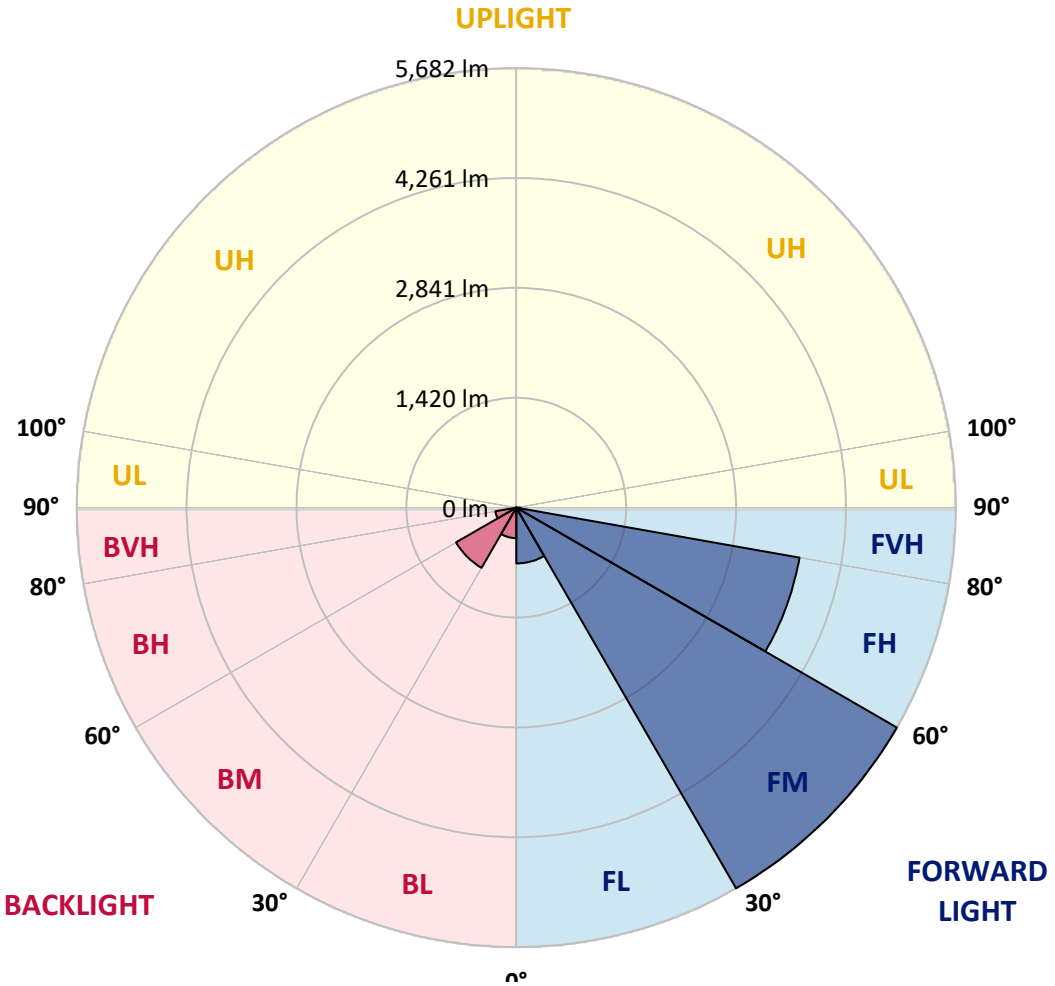
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	721.2	6.1			
FM	(30°-60°)	5681.7	48.4			
FH	(60°-80°)	3717.9	31.7			G2/5000
FVH	(80°-90°)	52.6	0.4			G1/100
BL	(0°-30°)	394.3	3.4	B1/500		
BM	(30°-60°)	897.9	7.6	B1/1000		
BH	(60°-80°)	275.7	2.3	B1/500		G1/500
BVH	(80°-90°)	2.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	1365.9	1365.9	1365.9	1365.9	1365.9	1365.9	1365.9	*1365.9*	1365.9	1365.9	1365.9
2.5°	1361.2	1370.7	1368.3	1365.9	1365.2	1366.7	1367.5	*1366.7*	1366.7	1366.7	1367.5
5°	1335.2	1343.1	1343.1	1348.6	1356.5	1365.9	1373.0	*1374.6*	1376.2	1378.5	1377.8
7.5°	1285.6	1291.9	1296.7	1314.8	1334.5	1359.7	1380.9	*1391.9*	1393.5	1402.2	1405.3
10°	1251.8	1259.7	1267.5	1286.4	1314.8	1352.6	1388.8	*1415.5*	1419.5	1440.0	1449.4
12.5°	1250.2	1258.1	1268.3	1288.8	1321.9	1362.0	1406.1	*1444.7*	1451.8	1481.7	1501.4
15°	1266.8	1276.2	1285.6	1310.8	1346.3	1395.1	1442.3	*1490.3*	1497.4	1539.9	1561.2
17.5°	1300.6	1313.2	1320.3	1345.5	1383.3	1437.6	1499.8	*1554.9*	1561.2	1610.8	1637.6
20°	1367.5	1382.5	1384.8	1405.3	1442.3	1500.6	1574.6	*1643.1*	1650.9	1707.6	1737.6
22.5°	1506.1	1527.3	1508.4	1518.7	1551.7	1610.0	1690.3	*1776.9*	1787.9	1852.5	1879.3
25°	1750.1	1780.1	1731.3	1713.9	1728.1	1788.7	1889.5	*1998.9*	2011.5	2063.5	2076.9
27.5°	2229.6	2191.0	2117.0	2044.6	2002.1	2036.7	2150.1	*2285.5*	2301.3	2351.6	2335.9
30°	2756.3	2722.5	2622.5	2461.9	2361.1	2355.6	2460.3	*2611.4*	2629.6	2677.6	2629.6
32.5°	3283.8	3251.5	3142.9	2945.3	2770.5	2683.9	2756.3	*2924.0*	2933.4	2964.1	2893.3
35°	3802.6	3769.5	3660.9	3458.6	3243.6	3046.8	3032.6	*3221.6*	3224.7	3257.0	3151.5
37.5°	4324.6	4297.0	4181.3	3982.9	3771.1	3499.5	3368.0	*3503.4*	3507.4	3538.9	3429.4
40°	4697.0	4708.8	4629.3	4475.7	4293.9	3997.1	3744.4	*3803.4*	3779.8	3832.5	3767.2
42.5°	5016.6	5040.2	4971.0	4893.8	4788.3	4526.9	4210.4	*4200.2*	4162.4	4190.7	4123.0
45°	5293.0	5312.6	5250.4	5232.3	5230.0	5046.5	4719.8	*4658.4*	4605.6	4600.1	4519.0
47.5°	5394.5	5432.3	5459.1	5519.7	5637.8	5560.6	5246.5	*5151.2*	5092.2	5048.9	4920.6
50°	5433.1	5473.2	5564.6	5740.9	6020.4	6053.5	5770.8	*5663.8*	5591.3	5512.6	5323.7
52.5°	5381.1	5452.8	5575.6	5872.4	6277.9	6448.7	6273.9	*6180.2*	6097.6	5969.2	5689.0
55°	5074.9	5146.5	5397.7	5870.8	6406.2	6725.8	6749.4	*6707.7*	6614.8	6412.5	5984.2
57.5°	4429.3	4535.6	4933.2	5670.9	6403.8	6964.4	7215.5	*7245.4*	7141.5	6851.8	6216.4
60°	3534.9	3679.0	4164.0	5227.6	6206.2	7093.5	7624.1	*7773.7*	7663.5	7284.8	6404.6
62.5°	2466.6	2633.5	3092.5	4533.2	5754.3	7000.6	7922.5	*8198.8*	8115.4	7672.1	6477.0
65°	*1504.5*	*1558.0*	*1928.1*	*3567.2*	*4985.9*	*6611.7*	*8014.6*	*8428.7*	*8401.2*	*7909.1*	*6370.0*
67.5°	1002.2	1047.1	1153.4	2446.1	3870.3	5834.6	7794.2	*8388.6*	8396.5	7870.5	5977.9
70°	603.9	642.4	711.7	1422.6	2508.3	4618.2	7111.6	*7876.8*	7922.5	7354.9	5234.7
72.5°	248.8	274.8	337.7	644.8	1299.0	2931.1	5663.0	*6762.8*	6869.1	6184.2	4017.5
75°	140.9	154.3	198.4	323.6	563.7	1365.9	3430.2	*4800.9*	4957.6	4262.4	2417.0
77.5°	93.7	100.0	128.3	209.4	317.3	466.1	1465.9	*2501.2*	2800.4	2328.0	1046.3
80°	63.0	68.5	88.2	140.1	206.3	200.0	466.9	*926.6*	1140.0	799.9	255.1
82.5°	42.5	43.3	63.0	92.1	130.7	96.8	137.8	*288.1*	362.2	231.5	96.8
85°	24.4	23.6	46.5	53.5	58.3	40.2	41.7	*86.6*	113.4	97.6	55.1
87.5°	3.1	4.7	18.1	14.2	7.9	8.7	8.7	*15.0*	22.0	23.6	11.8
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°	1365.9	1365.9	1365.9	1365.9	1365.9	1365.9	1365.9	1365.9	1365.9	1365.9	1365.9
2.5°	1367.5	1366.7	1364.4	1362.0	1356.5	1353.4	1354.9	1353.4	1352.6	1353.4	1356.5
5°	1377.8	1375.4	1369.1	1361.2	1350.2	1336.8	1328.2	1315.6	1303.8	1296.7	1298.2
7.5°	1405.3	1403.0	1394.3	1372.2	1336.8	1280.9	1229.7	1184.9	1151.0	1131.3	1132.1
10°	1449.4	1445.5	1432.1	1383.3	1290.4	1168.3	1066.8	982.5	927.4	901.4	899.1
12.5°	1501.4	1496.6	1473.0	1373.0	1202.2	1011.7	871.5	777.8	726.7	703.8	701.5
15°	1562.8	1556.5	1510.0	1324.2	1073.9	838.5	710.1	640.1	607.0	586.5	587.3
17.5°	1639.1	1628.1	1537.6	1251.0	934.5	706.2	610.9	558.2	529.1	509.4	507.8
20°	1738.3	1720.2	1559.6	1163.6	806.2	622.7	544.0	499.9	477.9	460.6	457.4
22.5°	1876.9	1850.9	1586.4	1069.1	715.6	565.3	494.4	462.1	444.0	424.3	421.2
25°	2048.5	2017.8	1619.5	981.8	653.5	515.7	458.2	431.4	410.2	387.3	385.0
27.5°	2288.7	2233.5	1658.8	910.1	599.9	473.2	425.1	395.2	370.8	351.9	348.0
30°	2556.3	2465.8	1693.5	866.8	551.1	433.8	381.8	351.9	329.1	315.7	313.3
32.5°	2809.8	2687.0	1716.3	847.9	507.0	388.9	334.6	302.3	285.0	281.1	283.4
35°	3049.2	2887.0	1713.9	829.8	467.7	344.0	288.1	255.1	241.7	244.1	244.1
37.5°	3324.7	3100.4	1697.4	801.5	435.4	303.1	248.0	218.9	207.1	207.8	211.0
40°	3645.2	3346.8	1687.2	747.9	399.9	265.3	214.9	191.3	182.7	179.5	178.7
42.5°	3986.8	3585.3	1688.7	687.3	355.9	231.5	192.1	172.4	164.5	162.2	161.4
45°	4330.1	3812.8	1691.1	624.3	309.4	205.5	175.6	159.0	154.3	151.2	151.2
47.5°	4652.9	4006.5	1647.0	556.6	263.7	185.8	162.2	151.2	147.2	143.3	143.3
50°	4953.6	4135.6	1540.7	477.9	227.5	170.1	151.9	144.1	140.1	136.2	136.2
52.5°	5187.5	4156.1	1365.2	396.8	202.3	158.2	145.6	138.6	133.8	129.9	129.1
55°	5291.4	4027.8	1115.6	321.2	182.7	148.0	139.4	132.3	126.8	122.8	122.0
57.5°	5264.6	3757.7	870.0	258.2	163.8	137.8	131.5	126.8	120.5	114.2	113.4
60°	5133.1	3396.4	655.8	214.9	146.4	126.8	122.8	118.9	110.2	100.8	99.2
62.5°	4905.6	2942.1	467.7	177.9	127.5	114.2	112.6	109.4	96.8	79.5	77.9
65°	*4557.6*	*2390.2*	*314.9*	*148.0*	*109.4*	*100.0*	*100.8*	*95.3*	*78.7*	*59.0*	*57.5*
67.5°	4049.0	1747.8	201.5	121.2	91.3	83.5	84.2	81.1	66.9	50.4	48.0
70°	3401.1	1157.3	131.5	92.1	73.2	64.6	69.3	70.1	56.7	40.9	39.4
72.5°	2493.3	683.4	92.1	68.5	53.5	44.9	56.7	58.3	45.7	30.7	29.1
75°	1421.1	324.4	69.3	49.6	33.1	31.5	44.1	44.1	31.5	20.5	18.9
77.5°	596.8	135.4	48.8	32.3	18.9	18.1	29.9	27.6	15.7	9.4	9.4
80°	172.4	60.6	26.0	15.7	7.9	7.1	11.8	8.7	3.9	1.6	1.6
82.5°	67.7	26.8	10.2	6.3	3.1	3.1	1.6	0.0	0.0	0.0	0.0
85°	40.2	11.0	4.7	2.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.2	2.4	1.6	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


HS
SS

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(END OF REPORT)