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: P1203013

Luminaire Tested: GWC-SB2B-735-U-T4FT

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203013
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-24)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2B-735-U-T4FT
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV FORWARD THRC OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11128 lumens
Efficiency:	N/A
Efficacy:	150.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G3

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

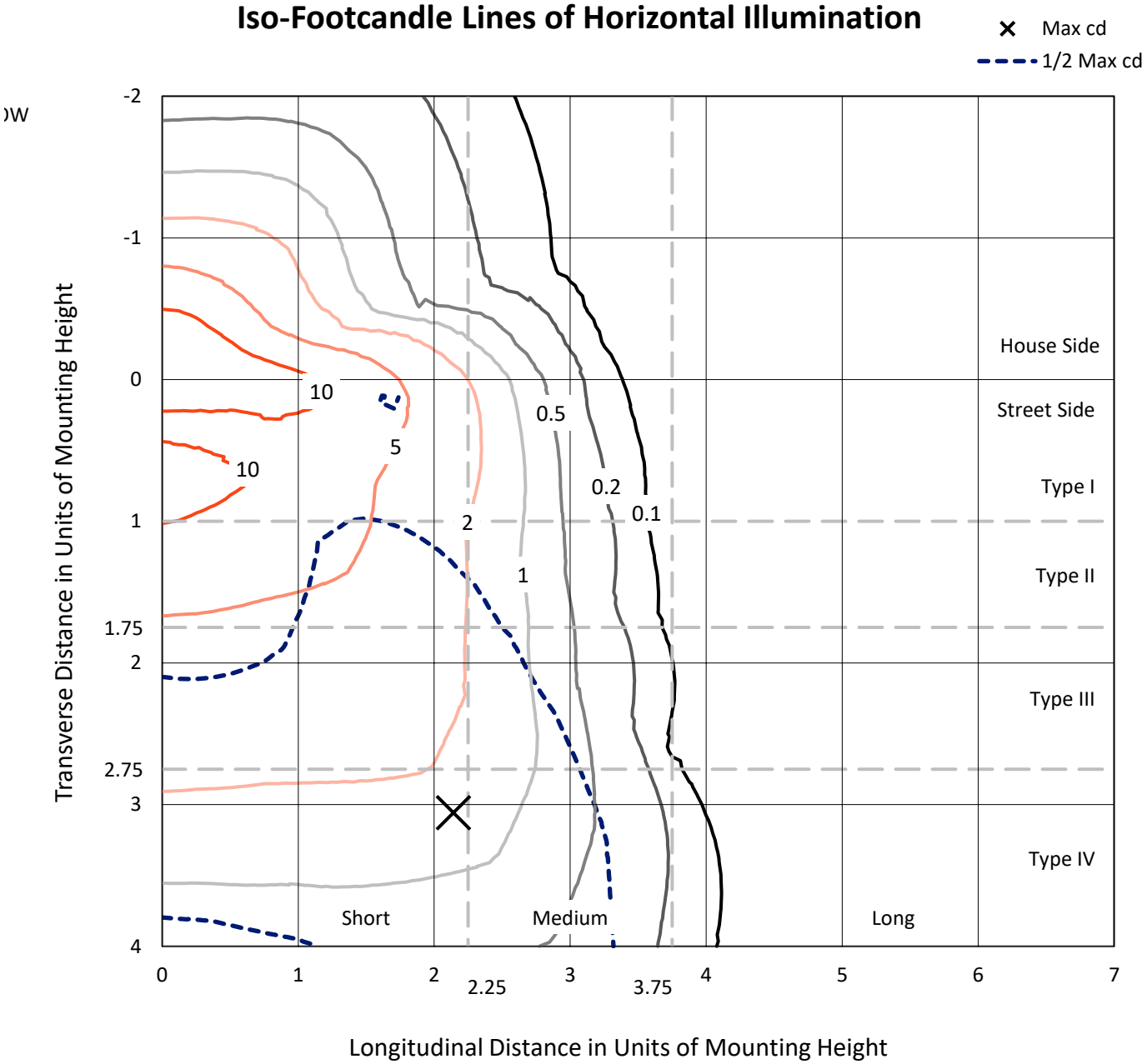


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Iso-Footcandle Lines of Horizontal Illumination



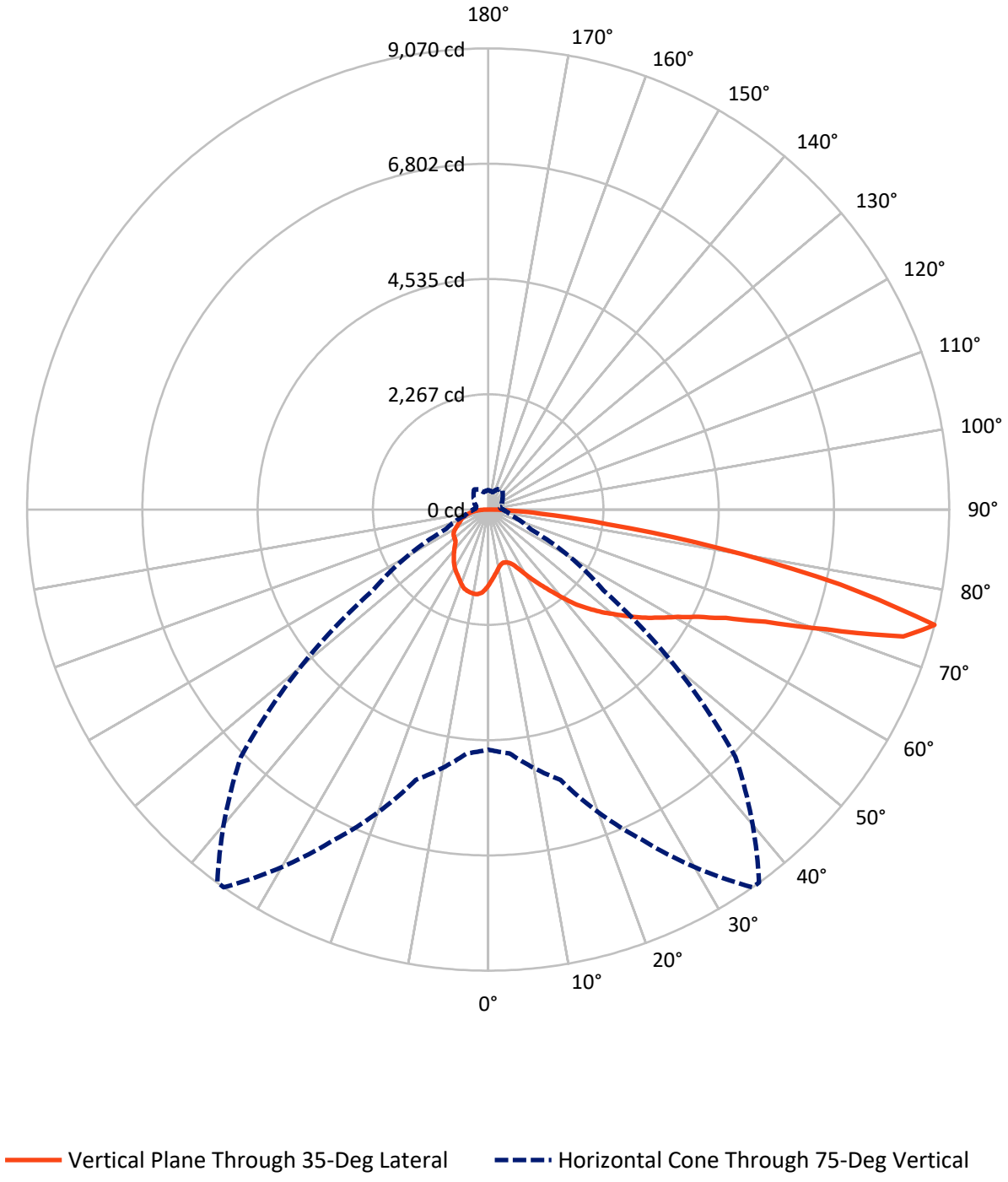
Based on 10 foot mounting height. Maximum calculated value = 16.4 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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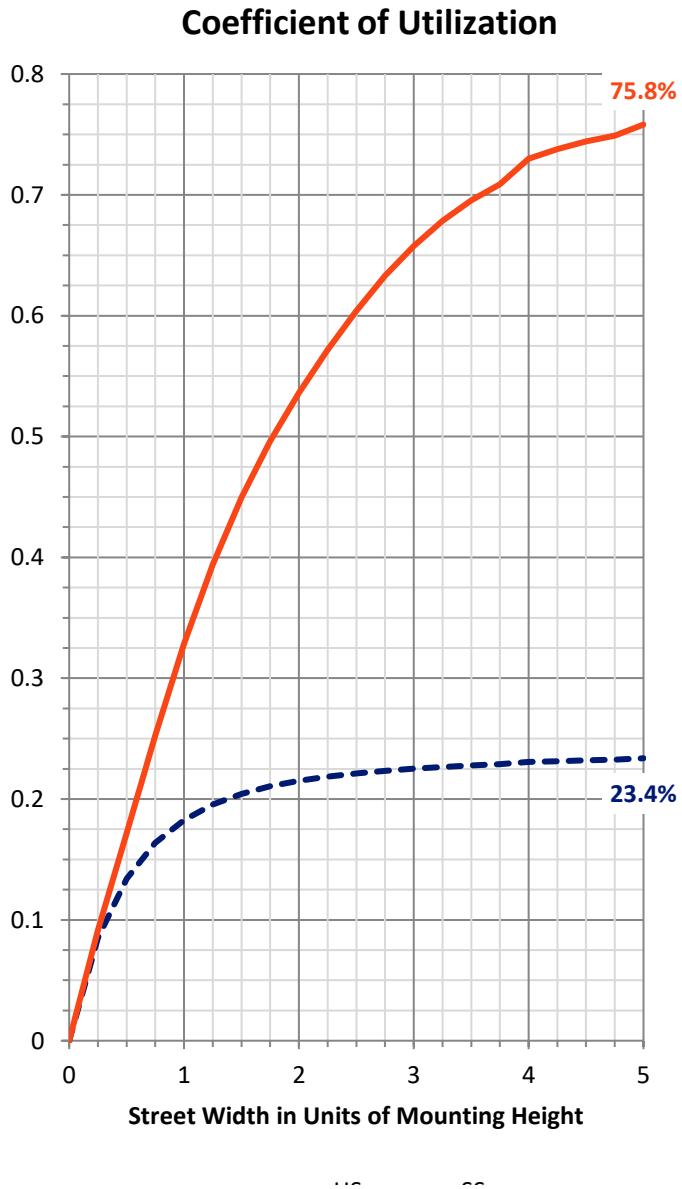
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2648.2	0.0	2648.2
	% Fixture	23.8	0.0	23.8
Street Side	Lumens	8479.8	0.0	8479.8
	% Fixture	76.2	0.0	76.2
Total	Lumens	11128.0	0.0	11128.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	140.4	1.3
10°-20°	405.0	3.6
20°-30°	680.1	6.1
30°-40°	1056.9	9.5
40°-50°	1568.7	14.1
50°-60°	2165.7	19.5
60°-70°	2627.5	23.6
70°-80°	2171.4	19.5
80°-90°	312.3	2.8
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°	11128.0	100.0
0°-180°	11128.0	100.0



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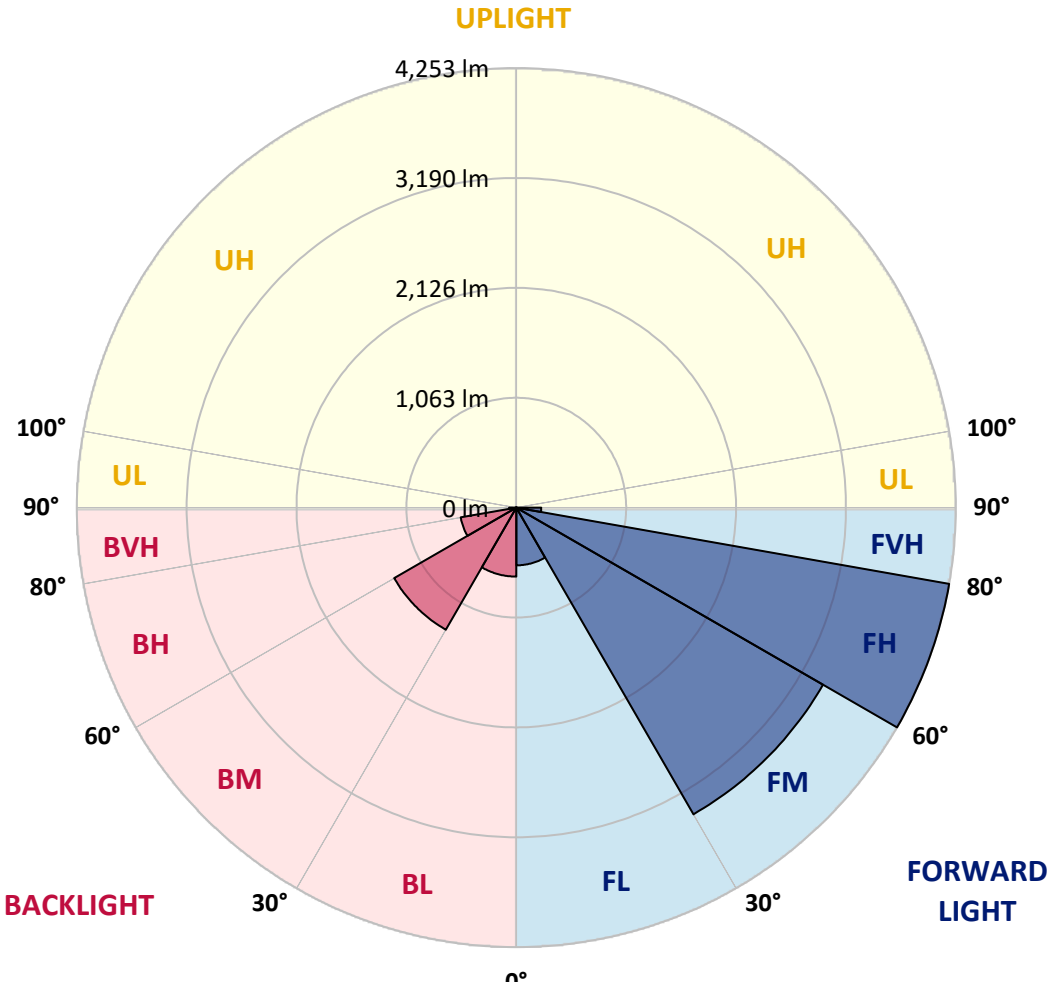
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	558.0	5.0			
FM	(30°-60°)	3426.8	30.8			
FH	(60°-80°)	4253.0	38.2			G2/5000
FVH	(80°-90°)	242.0	2.2			G3/500
BL	(0°-30°)	667.4	6.0	B2/1000		
BM	(30°-60°)	1364.5	12.3	B2/2500		
BH	(60°-80°)	546.0	4.9	B2/1000		G2/1000
BVH	(80°-90°)	70.3	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-G3
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°	85°
0°	1482.9	1482.9	1482.9	1482.9	*1482.9*	1482.9	1482.9	1482.9	1482.9	1482.9	1482.9
2.5°	1367.4	1375.8	1379.4	1377.6	*1386.6*	1385.4	1398.1	1413.7	1435.4	1456.4	1487.1
5°	1262.1	1271.1	1278.9	1286.2	*1303.6*	1309.0	1328.9	1359.0	1398.7	1439.0	1489.5
7.5°	1164.0	1171.9	1183.9	1197.1	*1226.6*	1232.0	1265.1	1312.0	1367.4	1426.3	1496.1
10°	1084.0	1091.9	1104.5	1119.5	*1156.2*	1162.8	1205.0	1267.5	1339.7	1414.3	1503.3
12.5°	1049.7	1052.2	1059.4	1074.4	*1106.3*	1110.5	1156.8	1228.4	1312.6	1405.3	1514.2
15°	1047.9	1052.8	1053.4	1061.2	*1087.6*	1089.5	1132.2	1203.1	1295.8	1403.5	1530.4
17.5°	1066.0	1069.6	1064.2	1069.0	*1091.3*	1094.3	1128.0	1191.1	1290.4	1411.3	1558.1
20°	1114.1	1117.1	1100.9	1094.3	*1110.5*	1112.9	1146.0	1198.9	1295.8	1427.5	1596.0
22.5°	1216.4	1218.2	1178.5	1151.4	*1152.6*	1153.8	1182.7	1230.8	1316.8	1457.0	1644.1
25°	1375.8	1374.6	1311.4	1259.1	*1229.0*	1222.4	1241.6	1282.6	1352.3	1496.1	1706.1
27.5°	1562.3	1553.3	1490.1	1411.9	*1346.3*	1336.7	1332.5	1349.9	1402.9	1547.9	1781.9
30°	1772.8	1764.4	1696.4	1594.2	*1503.3*	1487.7	1448.0	1439.0	1478.1	1618.2	1887.1
32.5°	2003.8	1998.4	1917.2	1793.3	*1671.8*	1653.7	1587.0	1562.9	1593.6	1724.7	2033.9
35°	2197.6	2192.7	2125.4	1997.8	*1849.2*	1827.0	1759.0	1731.9	1747.6	1861.3	2225.8
37.5°	2372.6	2370.2	2312.5	2212.0	*2058.6*	2031.5	1955.1	1946.1	1943.1	2041.1	2458.6
40°	2535.0	2529.0	2468.9	2415.9	*2302.2*	2277.6	2210.2	2202.4	2179.5	2262.5	2722.1
42.5°	2714.9	2699.3	2612.0	2587.4	*2556.7*	2536.2	2495.9	2497.1	2446.6	2512.2	3001.3
45°	2861.7	2852.7	2763.0	2748.6	*2781.7*	2773.3	2808.2	2817.2	2719.1	2773.9	3291.2
47.5°	3019.3	3010.9	2935.1	2924.9	*3014.5*	3016.9	3140.2	3143.2	2985.0	3045.8	3581.8
50°	3213.6	3201.6	3126.4	3139.0	*3239.5*	3248.5	3474.1	3453.6	3229.9	3321.9	3869.9
52.5°	3341.7	3349.0	3332.7	3353.2	*3490.3*	3498.8	3802.6	3750.2	3472.3	3594.4	4152.7
55°	3436.2	3450.6	3501.2	3548.1	*3755.0*	3763.5	4112.4	4032.4	3673.2	3847.1	4418.6
57.5°	3557.7	3537.3	3631.7	3723.1	*4006.5*	4028.7	4413.8	4304.3	3851.3	4064.8	4600.8
60°	3732.2	3717.7	3791.1	3926.5	*4288.0*	4323.5	4732.6	4549.1	3981.8	4237.5	4636.3
62.5°	4085.9	4049.8	4061.2	4180.9	*4643.0*	4689.9	5092.3	4762.7	4046.8	4304.9	4446.2
65°	4614.7	4552.7	4495.0	4578.0	*5142.9*	5189.2	5498.4	4930.5	4022.7	4174.3	3941.5
67.5°	5280.6	5219.3	5148.3	5226.5	*5879.2*	5915.9	5999.5	5025.0	3833.2	3671.4	3049.4
70°	5829.9	5807.0	5891.8	6213.7	*7055.3*	7056.5	6642.0	4946.7	3314.1	2603.0	1764.4
72.5°	5757.1	5743.2	6190.2	7185.2	*8537.5*	8505.7	7250.2	4354.8	2232.4	1174.3	661.1
75°	*4723.0*	*4812.6*	*5505.0*	*7167.8*	*9069.9*	*9065.7*	*6877.8*	*2768.4*	*923.4*	*486.7*	*341.7*
77.5°	2532.6	2674.6	3574.0	5292.1	*7080.5*	7187.0	4835.5	968.5	396.4	311.6	236.4
80°	826.0	949.9	1424.5	2694.5	*4600.8*	4581.0	2072.4	380.2	271.3	220.8	163.6
82.5°	350.7	365.2	636.5	1272.3	*2361.2*	2324.5	659.9	218.4	190.7	151.0	101.1
85°	137.2	153.4	280.9	588.3	*1022.7*	1000.4	238.2	108.3	122.1	98.7	60.2
87.5°	45.1	54.7	100.5	201.5	*318.2*	306.8	58.4	37.3	52.9	45.1	21.7
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°	1482.9	1482.9	1482.9	1482.9	1482.9	1482.9	1482.9	1482.9	1482.9	1482.9	1482.9
2.5°	1495.5	1505.1	1516.6	1533.4	1547.9	1559.9	1572.5	1580.3	1583.3	1592.4	1591.8
5°	1506.3	1527.4	1555.7	1583.3	1610.4	1626.7	1641.1	1648.3	1654.9	1659.7	1660.9
7.5°	1524.4	1551.5	1596.0	1632.1	1654.9	1668.2	1677.8	1675.4	1677.8	1679.0	1680.8
10°	1540.0	1577.9	1630.9	1665.2	1682.6	1683.2	1680.8	1672.4	1668.2	1668.8	1670.0
12.5°	1558.7	1600.8	1657.9	1686.8	1691.6	1678.4	1668.2	1653.7	1648.3	1645.9	1644.7
15°	1583.9	1632.1	1687.4	1698.2	1686.2	1669.4	1651.9	1628.5	1616.4	1606.8	1609.8
17.5°	1614.6	1667.6	1710.3	1702.5	1676.6	1648.9	1620.6	1585.1	1560.5	1550.3	1550.9
20°	1657.3	1704.9	1727.7	1693.4	1654.3	1612.2	1564.1	1520.8	1497.9	1487.7	1486.5
22.5°	1709.1	1754.8	1744.6	1677.8	1622.4	1555.1	1494.9	1463.0	1451.6	1444.4	1445.6
25°	1771.0	1810.1	1756.6	1654.9	1570.1	1479.3	1433.0	1422.7	1417.3	1411.9	1411.9
27.5°	1851.6	1872.7	1765.6	1621.2	1488.3	1398.7	1381.8	1383.6	1381.8	1372.8	1374.6
30°	1958.1	1953.9	1774.0	1566.5	1394.4	1325.9	1327.1	1334.9	1336.1	1330.1	1333.1
32.5°	2098.3	2055.6	1778.3	1495.5	1304.8	1262.1	1263.3	1271.7	1277.7	1267.5	1272.3
35°	2267.9	2174.1	1771.6	1406.5	1235.6	1201.3	1192.3	1194.7	1196.5	1186.9	1193.5
37.5°	2465.9	2307.0	1742.2	1307.8	1178.5	1141.8	1122.5	1106.3	1096.7	1087.6	1093.7
40°	2683.0	2452.0	1688.0	1211.6	1114.7	1078.6	1049.7	1019.1	986.6	974.6	980.0
42.5°	2910.4	2601.2	1622.4	1119.5	1041.3	1011.8	981.2	936.7	887.9	863.3	866.3
45°	3146.2	2754.0	1558.1	1028.7	966.1	953.5	918.0	864.5	811.5	780.2	777.8
47.5°	3377.2	2898.4	1463.6	937.3	895.7	909.6	881.9	832.6	773.6	724.3	718.9
50°	3598.0	3033.7	1309.0	844.6	838.6	896.3	869.9	798.9	731.5	668.3	662.9
52.5°	3817.0	3143.2	1111.1	760.4	807.9	892.7	854.2	776.0	693.6	627.4	620.2
55°	4002.9	3199.8	920.4	688.2	763.4	862.1	835.6	749.0	640.1	569.7	563.7
57.5°	4108.8	3154.1	761.6	617.2	702.0	811.5	803.7	691.2	576.3	522.2	514.9
60°	4063.0	2968.8	631.7	555.3	643.7	756.8	748.4	634.1	527.6	476.4	469.2
62.5°	3811.0	2615.6	528.8	501.1	590.7	700.8	693.0	590.1	490.3	441.0	433.1
65°	3303.2	2127.8	448.8	456.0	537.2	633.5	644.9	553.4	460.8	412.7	404.9
67.5°	2519.4	1541.2	386.2	416.9	484.9	567.3	600.4	527.0	436.1	390.4	383.2
70°	1436.0	875.3	333.3	379.0	438.5	505.9	566.1	505.9	409.7	371.8	367.0
72.5°	544.4	401.9	288.2	341.1	394.0	454.2	528.2	472.8	379.0	350.7	345.9
75°	*290.6*	*244.8*	*242.4*	*296.6*	*342.9*	*403.7*	*480.7*	*440.4*	*356.1*	*370.6*	*382.6*
77.5°	197.9	173.3	202.7	253.9	287.0	347.7	430.1	391.0	308.6	307.4	283.3
80°	137.2	122.7	164.8	204.5	222.0	292.4	375.4	335.7	251.5	234.6	224.4
82.5°	82.4	80.0	123.3	152.8	157.0	225.6	311.0	281.5	205.7	179.3	180.5
85°	45.1	47.5	78.8	89.6	91.4	157.6	243.6	217.8	158.2	132.9	134.2
87.5°	12.6	16.2	28.9	35.5	43.9	81.8	145.0	129.3	79.4	55.3	55.3
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)