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: P1203015

Luminaire Tested: GWC-SB2B-735-U-T4W

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203015
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-1)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2B-735-U-T4W
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11237 lumens
Efficiency:	N/A
Efficacy:	152.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
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

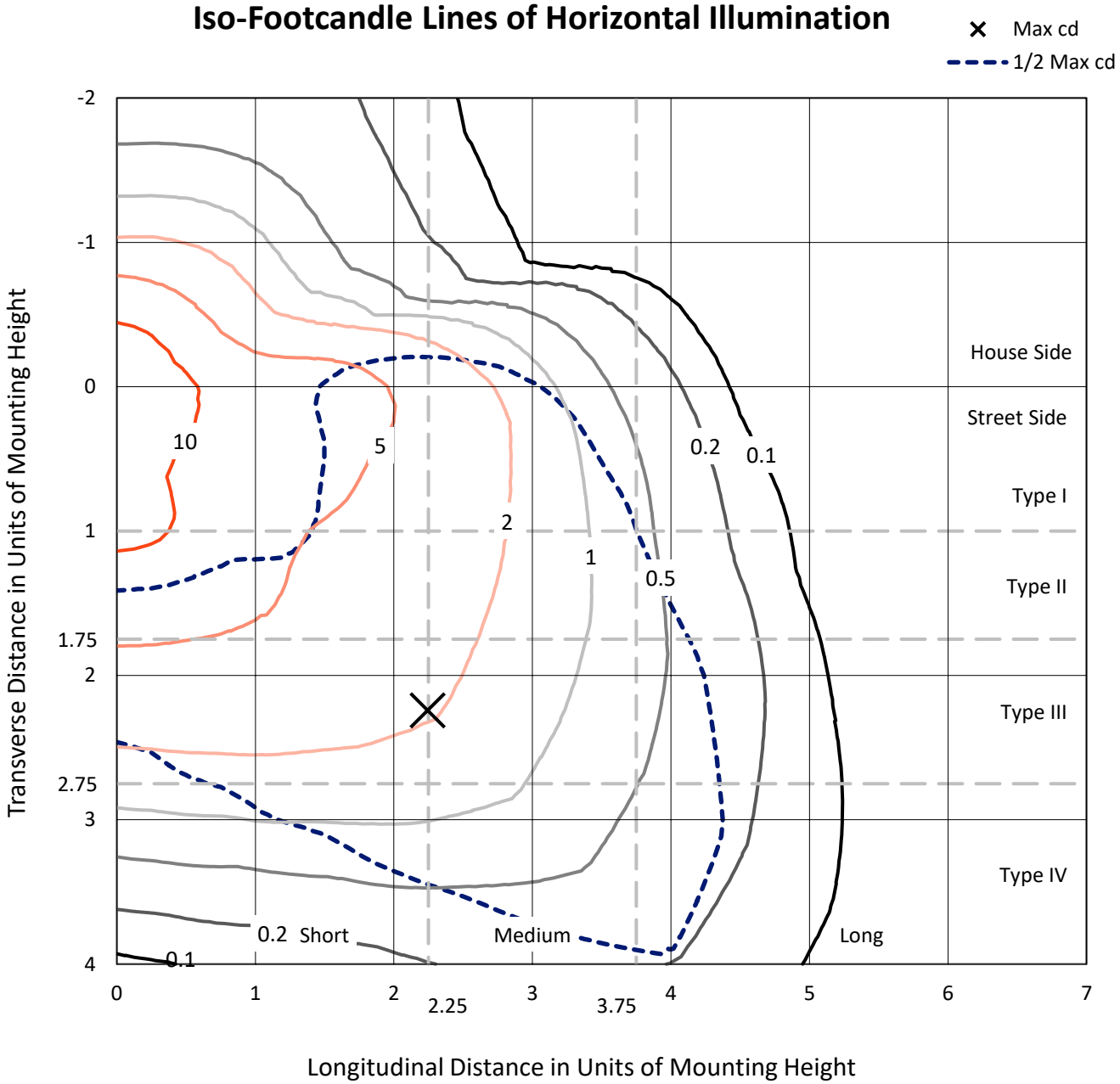


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Iso-Footcandle Lines of Horizontal Illumination



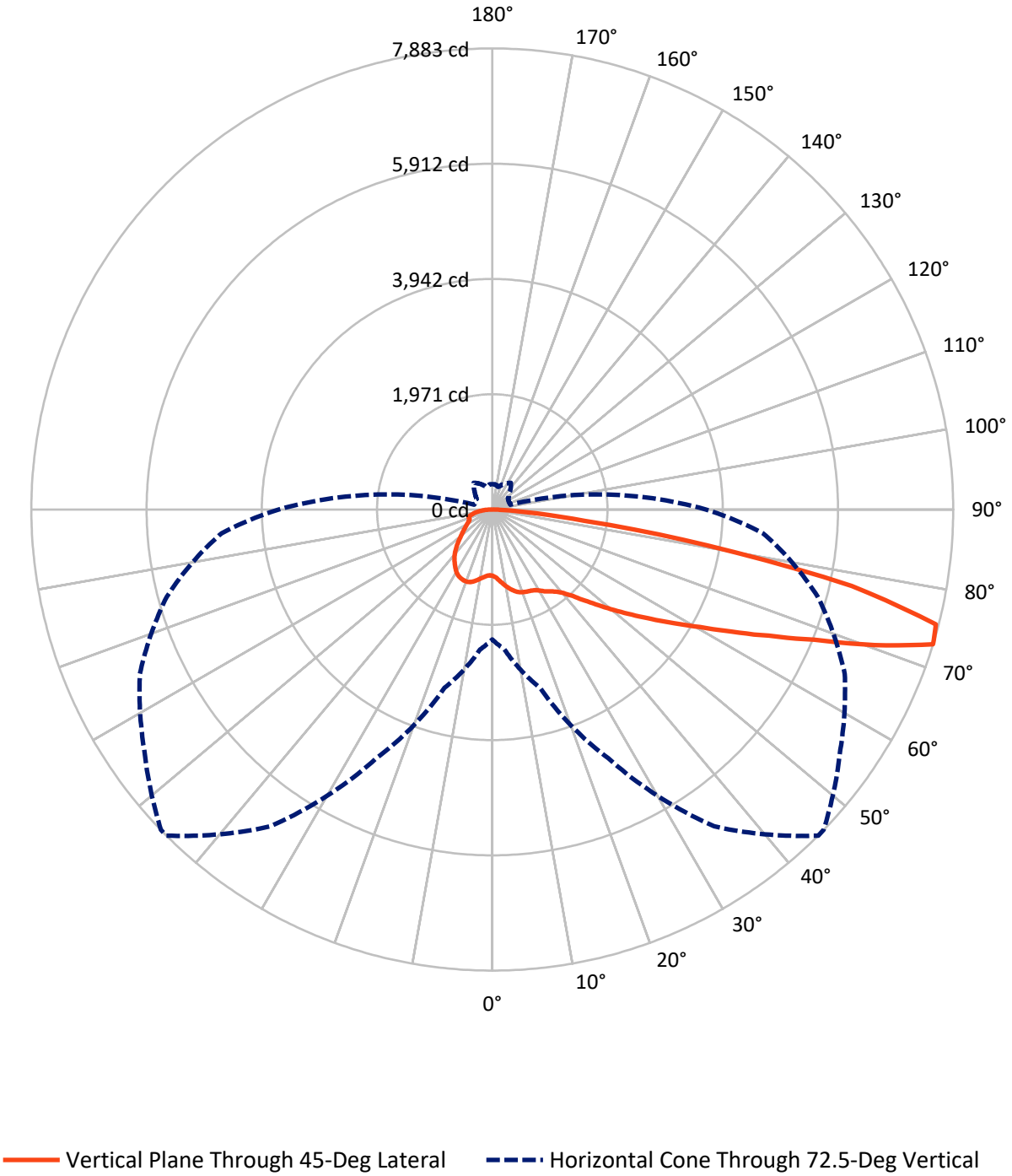
Based on 10 foot mounting height. Maximum calculated value = 14.1 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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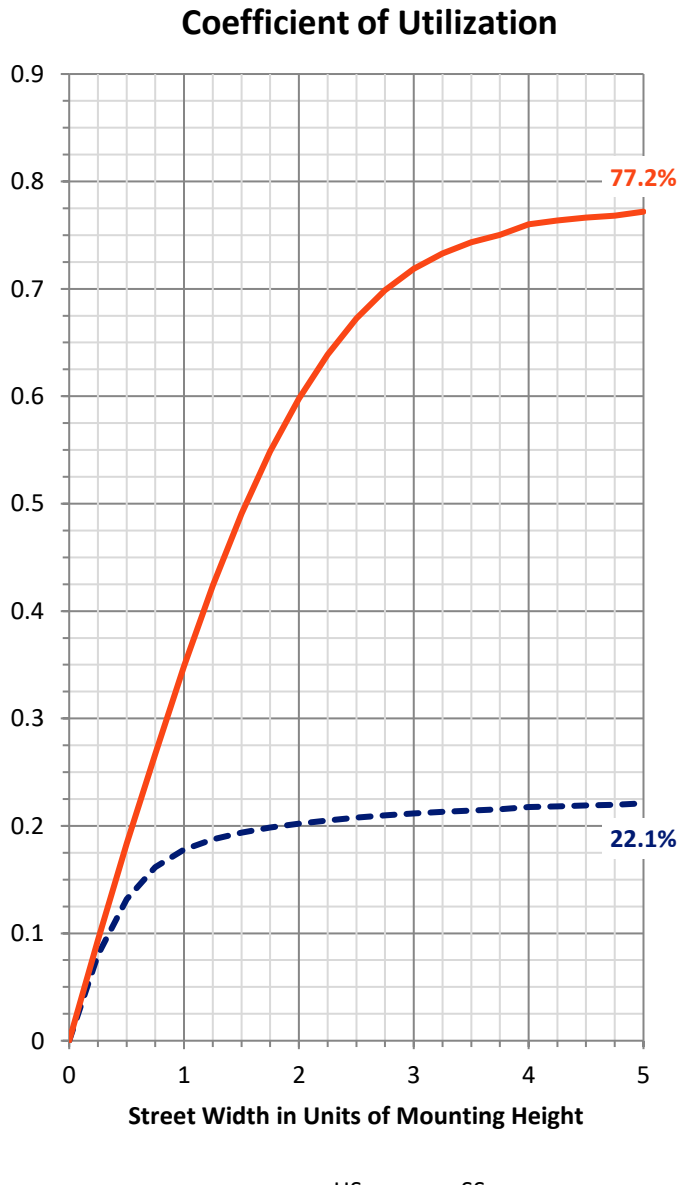
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2540.3	0.0	2540.3
	% Fixture	22.6	0.0	22.6
Street Side	Lumens	8696.7	0.0	8696.7
	% Fixture	77.4	0.0	77.4
Total	Lumens	11237.0	0.0	11237.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.4	1.0
10°-20°	384.7	3.4
20°-30°	669.2	6.0
30°-40°	959.3	8.5
40°-50°	1350.8	12.0
50°-60°	2069.0	18.4
60°-70°	2997.2	26.7
70°-80°	2393.4	21.3
80°-90°	298.1	2.7
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°	11237.0	100.0
0°-180°	11237.0	100.0



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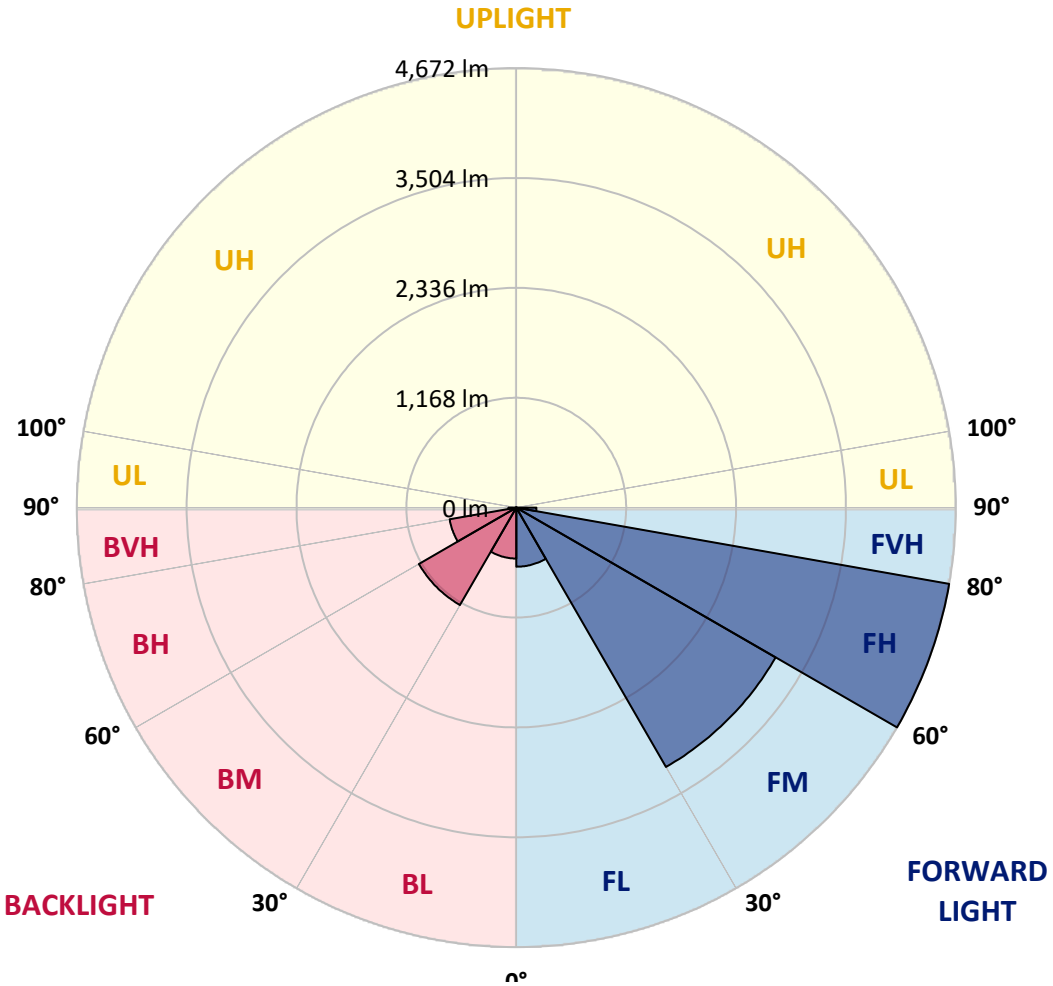
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	628.4	5.6			
FM	(30°-60°)	3182.9	28.3			
FH	(60°-80°)	4671.6	41.6			G2/5000
FVH	(80°-90°)	213.9	1.9			G2/225
BL	(0°-30°)	540.8	4.8	B2/1000		
BM	(30°-60°)	1196.1	10.6	B2/2500		
BH	(60°-80°)	719.1	6.4	B2/1000		G2/1000
BVH	(80°-90°)	84.2	0.7			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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°	85°
0°	1133.6	1133.6	1133.6	1133.6	1133.6	*1133.6*	1133.6	1133.6	1133.6	1133.6	1133.6
2.5°	1178.0	1185.7	1178.6	1172.1	1169.1	*1161.4*	1160.8	1156.1	1153.1	1144.8	1142.5
5°	1260.3	1270.3	1258.5	1245.5	1233.6	*1214.7*	1212.3	1198.7	1183.3	1165.6	1155.5
7.5°	1353.2	1362.1	1348.5	1328.9	1308.2	*1276.8*	1276.3	1251.4	1227.1	1196.9	1179.8
10°	1434.3	1446.1	1427.8	1401.2	1375.1	*1339.6*	1335.5	1307.0	1276.3	1237.2	1211.1
12.5°	1505.9	1514.2	1496.5	1463.9	1433.7	*1398.2*	1392.9	1361.5	1327.2	1282.8	1249.6
15°	1562.8	1573.4	1549.7	1514.8	1482.8	*1447.9*	1443.2	1414.8	1380.4	1333.7	1291.1
17.5°	1600.1	1608.9	1584.7	1545.6	1514.8	*1485.8*	1482.3	1458.6	1428.4	1381.0	1335.5
20°	1614.3	1623.7	1598.3	1558.6	1530.2	*1507.7*	1505.9	1488.8	1468.0	1424.8	1378.7
22.5°	1628.5	1637.3	1604.2	1562.8	1537.9	*1523.7*	1523.1	1511.9	1503.6	1468.0	1423.1
25°	1685.9	1688.3	1643.9	1584.1	1548.6	*1536.1*	1535.5	1534.9	1538.5	1510.7	1471.0
27.5°	1735.6	1735.0	1697.1	1640.9	1585.8	*1559.8*	1559.2	1565.1	1576.4	1553.3	1520.7
30°	1808.4	1801.9	1756.9	1698.3	1648.0	*1607.8*	1604.2	1598.9	1607.8	1589.4	1570.5
32.5°	1962.9	1942.2	1869.4	1765.2	1699.5	*1668.7*	1664.0	1630.8	1634.4	1623.1	1613.7
35°	2184.3	2157.1	2060.0	1891.9	1763.4	*1719.6*	1717.3	1675.2	1668.1	1658.1	1661.6
37.5°	2447.7	2414.0	2300.9	2075.4	1873.5	*1778.8*	1775.3	1737.4	1708.4	1697.7	1717.9
40°	2712.3	2669.7	2576.2	2299.2	2035.7	*1877.7*	1866.4	1809.0	1775.9	1758.1	1800.7
42.5°	2969.2	2933.7	2853.8	2550.1	2235.8	*2022.1*	1997.3	1899.0	1874.1	1857.6	1934.5
45°	3196.6	3164.6	3106.0	2818.3	2470.2	*2218.6*	2194.4	2034.0	2026.3	2026.3	2137.6
47.5°	3381.2	3374.1	3312.0	3091.8	2746.7	*2442.4*	2400.4	2221.6	2242.3	2274.3	2425.8
50°	3586.1	3566.5	3500.2	3361.1	3071.7	*2698.7*	2664.4	2451.9	2529.4	2617.0	2842.6
52.5°	3774.3	3785.0	3711.0	3641.7	3438.7	*2984.6*	2924.3	2723.6	2891.1	3036.1	3330.9
55°	3967.9	3968.5	3947.8	3938.3	3823.4	*3300.7*	3234.4	3050.3	3316.7	3496.7	3900.4
57.5°	4149.6	4150.8	4181.6	4265.0	4269.8	*3665.4*	3590.2	3451.7	3789.7	3973.2	4487.6
60°	4311.8	4320.1	4404.1	4599.5	4662.2	*4083.3*	4012.3	3925.8	4278.7	4463.3	5105.0
62.5°	4366.3	4396.5	4583.5	4861.1	5050.0	*4595.9*	4526.1	4474.6	4792.5	4964.1	5621.2
65°	4273.9	4343.2	4704.9	5077.2	5448.9	*5205.1*	5135.8	5079.6	5326.4	5488.0	6045.0
67.5°	4047.2	4136.6	4697.8	5303.9	5933.2	*5937.9*	5873.4	5741.4	5898.8	5961.0	6183.0
70°	3449.9	3583.7	4284.0	5388.6	6489.0	*6940.1*	6877.9	6538.1	6470.1	6169.4	5794.7
72.5°	*2222.8*	*2402.7*	*3154.5*	*4691.8*	*6612.7*	*7883.1*	*7879.5*	*7257.4*	*6650.6*	*5764.5*	*4647.4*
75°	811.0	921.1	1465.7	2945.0	5550.8	*7835.1*	7858.2	7134.2	6071.1	4452.7	2895.3
77.5°	295.4	323.2	478.3	1131.8	3413.8	*6286.6*	6334.5	5703.5	4321.3	2234.6	1147.2
80°	155.1	170.5	245.1	439.2	1462.7	*3733.5*	3808.6	3389.5	2031.0	673.1	343.9
82.5°	85.8	92.9	137.3	238.6	658.8	*1596.5*	1641.5	1339.0	714.5	285.3	142.1
85°	46.2	49.1	64.5	130.2	322.0	*553.5*	565.9	400.2	284.7	167.5	68.7
87.5°	13.6	16.6	21.3	41.4	126.1	*124.3*	127.3	79.3	112.5	84.6	22.5
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°	1133.6	1133.6	1133.6	1133.6	1133.6	1133.6	1133.6	1133.6	1133.6	1133.6	1133.6
2.5°	1138.9	1137.1	1130.6	1127.7	1124.1	1123.5	1126.5	1127.1	1127.7	1128.3	1130.6
5°	1149.6	1143.7	1137.7	1134.2	1135.4	1136.0	1141.9	1146.0	1149.0	1151.4	1152.5
7.5°	1170.3	1165.6	1155.5	1154.9	1156.7	1162.0	1169.7	1179.2	1184.5	1188.6	1189.8
10°	1201.1	1192.2	1180.4	1182.1	1185.7	1193.4	1209.4	1217.1	1225.9	1233.6	1231.9
12.5°	1232.5	1224.8	1211.1	1212.3	1218.2	1231.9	1247.3	1256.7	1262.6	1268.6	1270.9
15°	1273.3	1259.7	1244.9	1244.9	1255.5	1270.3	1277.4	1285.1	1288.7	1295.2	1297.6
17.5°	1315.3	1297.6	1278.0	1276.8	1289.9	1297.0	1301.1	1302.3	1303.5	1310.6	1313.0
20°	1357.4	1337.8	1310.0	1307.6	1310.6	1309.4	1308.8	1307.6	1309.4	1318.3	1321.8
22.5°	1398.8	1376.3	1337.8	1327.2	1318.9	1307.6	1307.0	1306.4	1307.6	1316.5	1322.4
25°	1447.3	1420.1	1368.6	1336.6	1308.8	1293.4	1295.2	1295.8	1297.0	1304.1	1313.5
27.5°	1500.0	1469.8	1397.0	1333.7	1283.4	1272.7	1269.7	1271.5	1275.7	1286.9	1298.2
30°	1552.7	1517.2	1423.1	1321.8	1251.4	1236.6	1227.1	1231.3	1244.3	1255.5	1268.0
32.5°	1600.6	1565.1	1443.8	1295.8	1210.5	1187.5	1175.0	1180.4	1193.4	1197.5	1212.3
35°	1656.9	1616.6	1452.7	1254.4	1166.2	1130.6	1114.1	1106.4	1112.9	1108.7	1121.8
37.5°	1719.6	1677.6	1451.5	1199.9	1114.1	1073.2	1050.1	1021.1	1007.5	993.3	1002.2
40°	1812.6	1752.2	1437.3	1134.2	1049.5	1012.2	970.8	921.7	890.9	863.1	864.8
42.5°	1939.2	1855.8	1411.2	1062.0	976.7	941.8	885.6	828.1	779.6	733.4	729.3
45°	2128.1	1991.3	1378.7	985.0	898.0	863.7	802.7	738.2	683.1	623.9	616.8
47.5°	2400.4	2173.7	1347.9	897.4	815.1	783.7	728.7	668.9	603.8	546.4	539.9
50°	2774.5	2435.3	1319.5	812.2	733.4	709.8	665.9	605.0	539.3	493.1	490.1
52.5°	3250.4	2791.1	1307.6	729.9	657.1	648.2	613.3	556.4	494.3	455.2	452.3
55°	3796.8	3216.7	1307.6	651.2	590.2	593.1	568.9	516.2	462.3	427.4	423.8
57.5°	4354.4	3647.6	1284.0	578.3	533.4	545.8	530.4	484.2	435.7	399.6	393.7
60°	4868.2	4008.7	1188.1	512.0	483.0	502.6	492.5	452.8	393.7	363.5	358.7
62.5°	5263.1	4212.4	1003.4	459.4	441.6	464.1	458.8	411.4	386.0	373.5	369.4
65°	5460.8	4179.2	767.2	412.6	406.7	441.6	430.4	428.6	408.4	394.2	389.5
67.5°	5339.4	3893.9	556.4	378.3	386.5	420.9	464.1	471.2	433.9	406.1	401.3
70°	4807.3	3377.7	414.4	345.7	361.1	421.5	529.2	493.1	425.6	393.1	387.7
72.5°	*3657.1*	*2518.8*	*321.4*	*311.4*	*327.9*	*424.4*	*558.2*	*483.0*	*401.9*	*434.5*	*430.9*
75°	2091.4	1382.8	258.1	269.3	286.5	396.6	543.4	457.0	383.6	399.0	399.0
77.5°	797.4	531.6	213.1	227.9	230.3	346.3	519.7	455.2	365.2	356.4	325.0
80°	276.4	207.8	176.4	181.1	178.2	307.8	498.4	396.0	298.9	267.6	258.7
82.5°	113.1	103.6	139.7	133.8	126.7	239.1	402.5	323.8	244.5	216.1	213.7
85°	49.1	65.7	92.3	81.1	73.4	165.7	322.6	274.1	206.6	178.2	177.6
87.5°	10.1	24.9	39.1	36.7	37.9	110.7	229.1	194.8	146.2	109.5	85.8
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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SS

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(END OF REPORT)