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: P1202259

Luminaire Tested: GWC-SB1D-735-U-SLR

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:	P1202259
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1D-735-U-SLR
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 900mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT ELIMINATOR RIGHT OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10194 lumens
Efficiency:	N/A
Efficacy:	128.1 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G3

Input Watts (W):	79.6
Input Voltage (V):	120.0
Input Current (Ain):	0.638
Voltage Rise (V):	NR
Power Factor:	0.997
Total Harmonic Distortion (THDi):	6.673
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

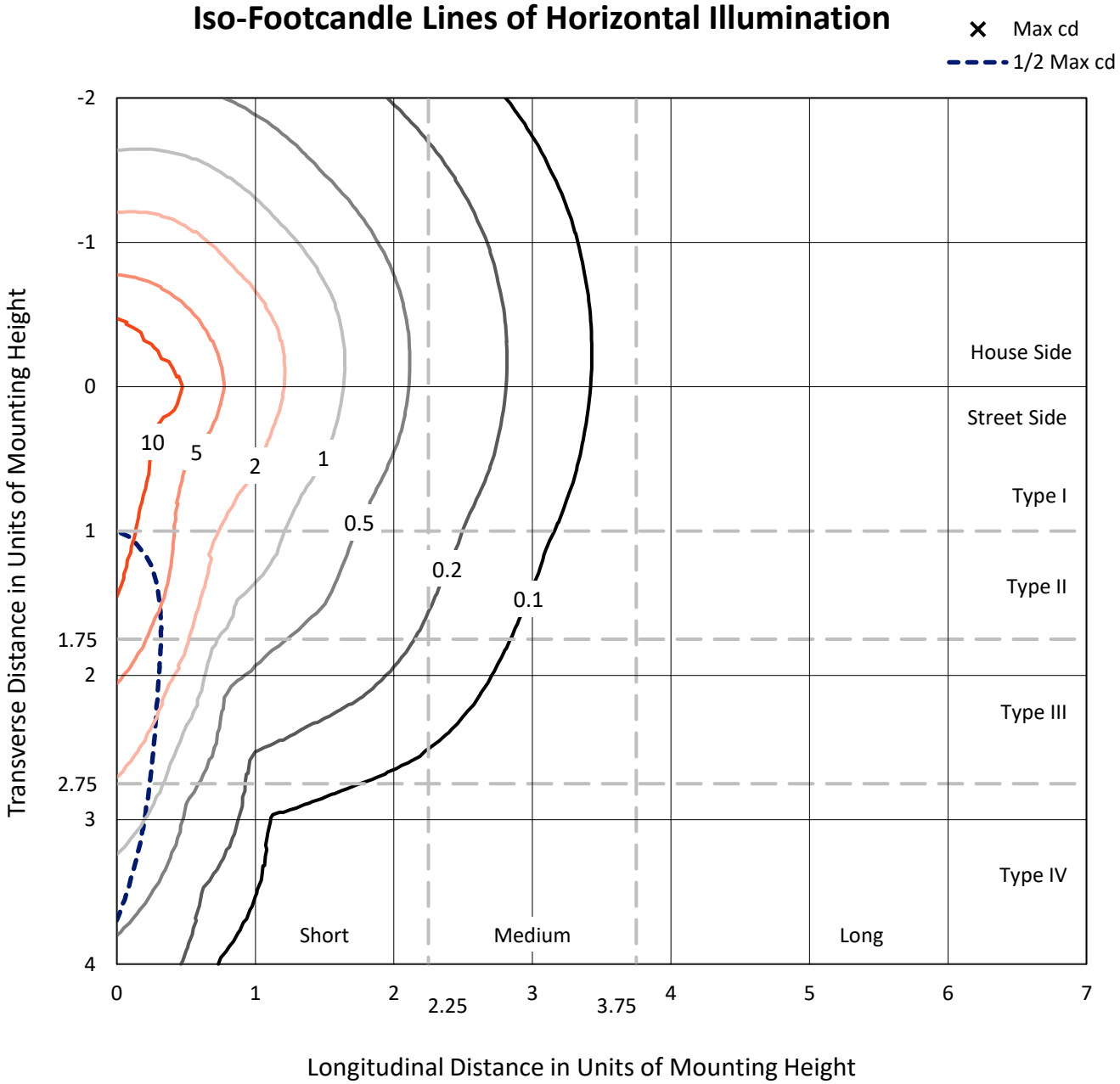


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Iso-Footcandle Lines of Horizontal Illumination



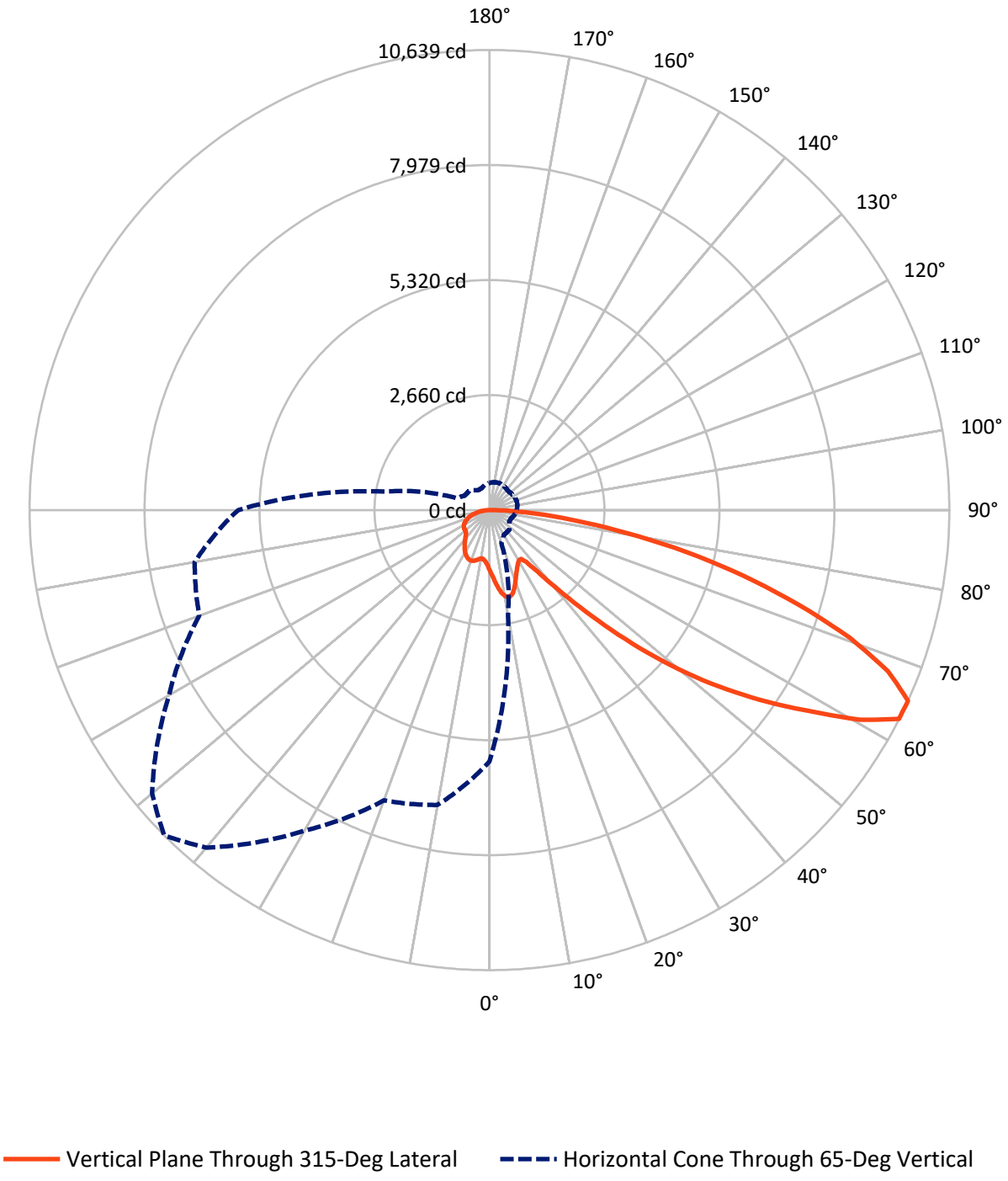
Based on 10 foot mounting height. Maximum calculated value = 17.3 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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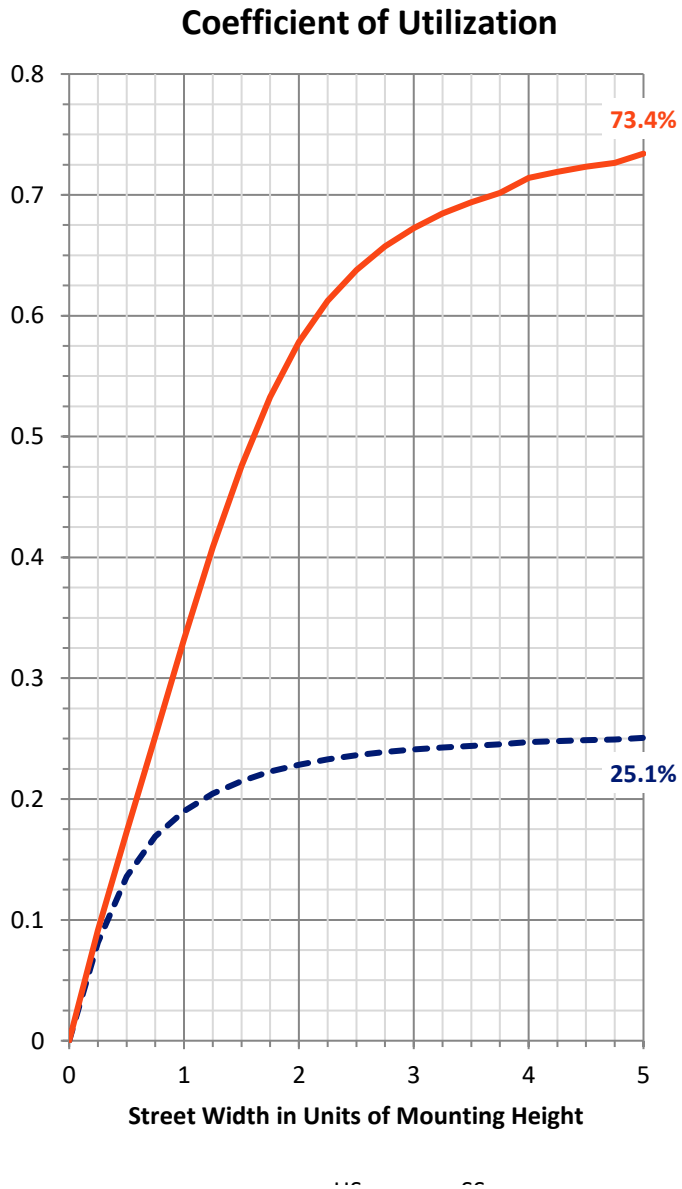
REPORT NUMBER: P1202259
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2590.8	0.0	2590.8
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	7603.2	0.0	7603.2
	% Fixture	74.6	0.0	74.6
Total	Lumens	10194.0	0.0	10194.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	139.1	1.4
10°-20°	436.5	4.3
20°-30°	674.3	6.6
30°-40°	854.5	8.4
40°-50°	1288.8	12.6
50°-60°	2082.2	20.4
60°-70°	2595.8	25.5
70°-80°	1702.2	16.7
80°-90°	420.8	4.1
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°	10194.0	100.0
0°-180°	10194.0	100.0



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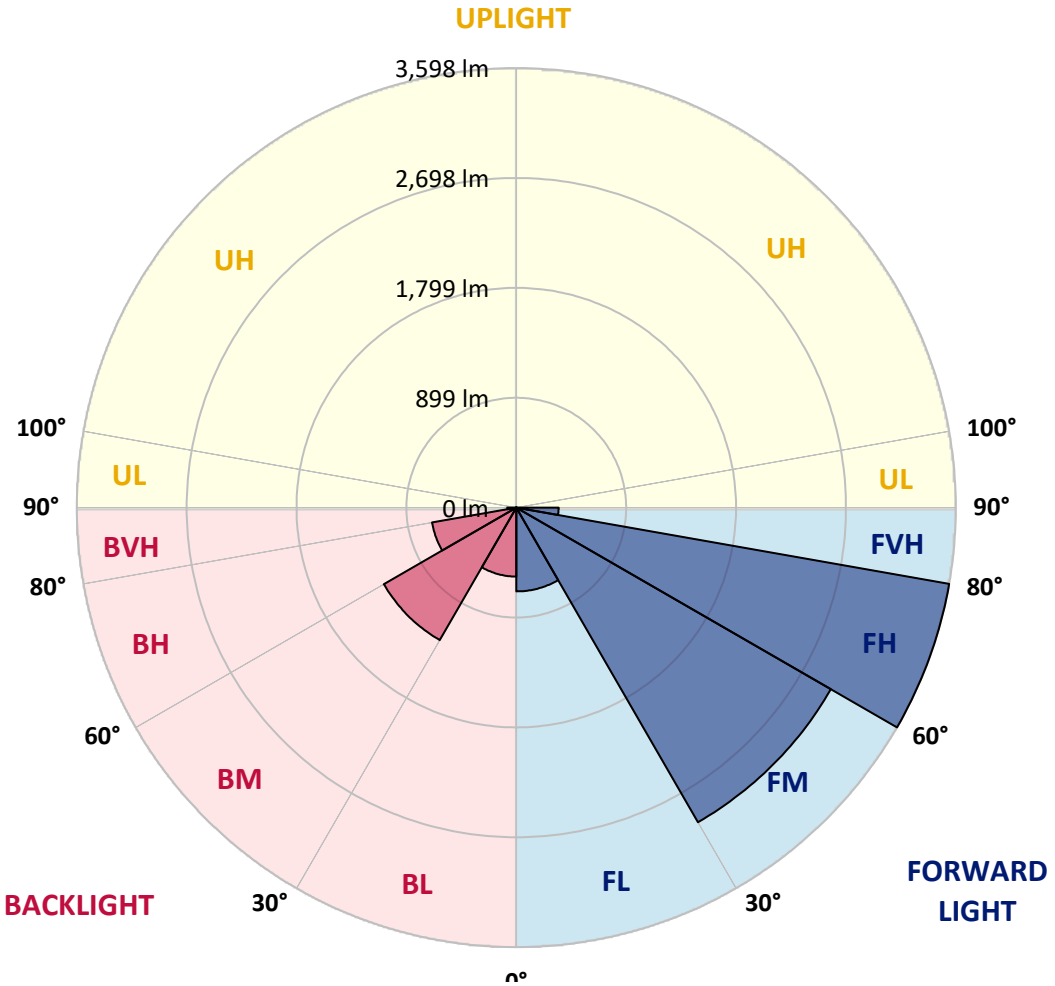
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	685.7	6.7			
FM	(30°-60°)	2973.4	29.2			
FH	(60°-80°)	3597.5	35.3			G2/5000
FVH	(80°-90°)	346.7	3.4			G3/500
BL	(0°-30°)	564.2	5.5	B2/1000		
BM	(30°-60°)	1252.0	12.3	B2/2500		
BH	(60°-80°)	700.4	6.9	B2/1000		G2/1000
BVH	(80°-90°)	74.2	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-G3
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8
2.5°	1507.5	1495.9	1484.3	1472.0	1459.7	1447.4	1435.0	1423.2	1411.3	1399.9	1387.1
5°	1621.0	1595.4	1569.9	1544.4	1518.9	1493.3	1467.7	1443.7	1419.8	1397.2	1374.9
7.5°	1735.0	1692.8	1650.7	1611.8	1572.8	1534.9	1497.0	1463.6	1430.2	1399.3	1370.5
10°	1822.4	1769.1	1715.8	1664.3	1612.9	1566.8	1520.7	1481.3	1441.7	1403.6	1372.6
12.5°	1875.9	1817.3	1758.8	1700.5	1642.2	1587.9	1533.5	1488.8	1444.1	1404.2	1375.3
15°	1908.5	1847.4	1786.4	1723.1	1659.8	1597.3	1534.7	1483.0	1431.2	1387.0	1363.8
17.5°	1926.8	1864.8	1802.9	1733.9	1664.9	1592.3	1519.7	1457.4	1395.2	1343.1	1328.9
20°	1946.9	1882.6	1818.2	1742.4	1666.5	1578.5	1490.5	1413.4	1336.2	1275.6	1271.9
22.5°	1970.3	1904.6	1838.8	1753.8	1668.7	1561.6	1454.6	1361.7	1268.8	1199.8	1207.2
25°	2000.4	1936.0	1871.6	1774.4	1677.2	1545.0	1412.8	1304.0	1195.2	1124.5	1144.4
27.5°	2041.3	1979.9	1918.4	1806.7	1694.9	1533.8	1372.7	1251.2	1129.7	1065.3	1089.5
30°	2096.5	2037.1	1977.7	1848.5	1719.2	1528.6	1337.9	1207.1	1076.3	1022.3	1041.3
32.5°	2161.5	2102.8	2044.0	1892.1	1740.2	1522.1	1304.0	1169.1	1034.1	990.5	999.0
35°	2240.6	2184.4	2128.0	1941.8	1755.6	1510.0	1264.5	1131.7	998.9	962.6	959.1
37.5°	2373.7	2302.0	2230.2	1997.5	1764.7	1489.2	1213.6	1087.7	961.8	930.0	917.2
40°	2574.9	2470.4	2365.8	2068.2	1770.5	1460.5	1150.6	1035.2	919.8	891.0	871.4
42.5°	2841.7	2690.8	2539.8	2160.6	1781.4	1430.9	1080.5	977.3	874.0	847.5	822.7
45°	3171.2	2967.6	2764.0	2282.3	1800.6	1403.4	1006.3	915.7	825.1	798.2	774.3
47.5°	3583.2	3296.7	3010.1	2411.9	1813.8	1380.7	947.7	867.0	786.4	751.7	731.1
50°	4123.3	3691.3	3259.2	2532.2	1805.2	1356.0	906.8	834.7	762.6	717.0	693.1
52.5°	4743.2	4105.8	3468.4	2610.3	1752.2	1314.2	876.2	813.4	750.6	698.2	664.7
55°	5403.2	4473.3	3543.4	2593.1	1642.7	1244.9	847.1	798.0	748.9	700.1	649.7
57.5°	6003.5	4733.7	3464.0	2472.0	1480.0	1147.2	814.4	779.7	745.0	702.0	640.6
60°	6366.3	4798.8	3231.3	2246.5	1261.8	1020.4	779.0	751.7	724.4	696.0	632.1
62.5°	6182.1	4524.7	2867.4	1941.7	1016.0	868.6	721.2	703.1	685.0	681.5	622.2
65°	*5813.3*	*4137.0*	*2460.6*	*1630.7*	*800.8*	*732.0*	*663.2*	*654.7*	*646.1*	*646.6*	*601.4*
67.5°	5319.3	3675.5	2031.7	1326.0	620.3	600.8	581.2	586.0	590.7	589.5	564.1
70°	4725.7	3172.0	1618.3	1044.1	469.9	475.4	481.0	503.2	525.3	525.3	516.9
72.5°	4018.4	2626.1	1233.9	798.2	362.4	379.3	396.2	427.6	458.9	464.2	464.3
75°	3123.6	2000.4	877.2	579.3	281.4	296.7	312.0	347.2	382.3	406.7	404.6
77.5°	2231.7	1400.1	568.5	392.6	216.7	227.0	237.5	271.6	305.8	345.9	344.8
80°	1460.7	902.1	343.4	252.9	162.4	166.7	171.1	200.0	228.9	276.7	276.6
82.5°	849.1	522.1	195.1	155.6	116.1	116.8	117.7	139.0	160.3	201.2	203.4
85°	373.6	234.8	96.2	83.2	70.2	69.8	69.4	85.0	100.6	131.0	133.9
87.5°	115.6	76.9	38.2	34.5	30.8	30.4	30.0	36.4	42.8	55.4	59.2
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8
2.5°	1376.8	1366.5	1357.2	1348.0	1339.9	1331.7	1323.6	1315.4	1309.1	1302.8	1297.7
5°	1355.4	1335.9	1319.5	1303.2	1288.8	1274.4	1261.3	1248.2	1238.1	1228.0	1221.0
7.5°	1344.5	1318.7	1297.1	1275.6	1257.5	1239.3	1223.3	1207.3	1195.3	1183.4	1175.0
10°	1345.3	1318.0	1296.4	1274.9	1255.4	1235.8	1217.8	1199.8	1185.5	1171.1	1161.8
12.5°	1352.9	1330.7	1316.3	1302.1	1286.8	1271.5	1252.8	1234.2	1215.9	1197.6	1185.5
15°	1353.1	1342.5	1344.4	1346.4	1342.4	1338.4	1322.2	1306.0	1280.0	1253.9	1235.6
17.5°	1332.8	1336.7	1360.1	1383.6	1396.1	1408.5	1395.4	1382.4	1347.9	1313.4	1286.3
20°	1290.1	1308.4	1349.2	1389.9	1416.0	1442.1	1436.1	1430.0	1390.6	1351.2	1318.0
22.5°	1234.2	1261.3	1307.7	1354.3	1388.3	1422.2	1425.9	1429.5	1391.8	1354.2	1319.9
25°	1175.6	1206.8	1248.6	1290.4	1323.8	1357.2	1369.7	1382.1	1351.3	1320.4	1290.0
27.5°	1119.6	1149.8	1184.1	1218.4	1245.2	1272.0	1285.9	1299.8	1277.8	1255.9	1232.3
30°	1065.1	1089.1	1117.6	1146.2	1168.4	1190.6	1201.9	1213.2	1196.5	1179.7	1162.8
32.5°	1013.1	1027.3	1050.0	1072.8	1094.1	1115.5	1128.0	1140.6	1125.2	1109.8	1096.3
35°	962.9	966.9	984.2	1001.6	1022.7	1043.8	1058.9	1073.9	1062.9	1052.0	1039.5
37.5°	912.9	908.6	921.1	933.5	954.6	975.6	994.3	1012.9	1007.8	1002.7	991.3
40°	861.7	851.9	860.9	869.9	890.2	910.6	932.0	953.4	954.7	955.8	946.1
42.5°	809.8	796.9	804.2	811.6	830.8	850.1	873.3	896.4	902.6	908.8	900.5
45°	761.7	749.2	755.3	761.6	779.8	798.1	822.1	846.1	855.0	863.9	856.4
47.5°	720.6	710.0	715.8	721.6	739.5	757.4	781.0	804.7	814.9	825.1	820.0
50°	683.7	674.4	683.5	692.5	709.4	726.3	747.5	768.7	781.8	794.9	794.6
52.5°	655.5	646.3	659.9	673.4	688.9	704.4	724.1	743.9	759.5	775.0	777.8
55°	635.0	620.5	639.8	659.0	675.7	692.4	709.7	727.0	743.4	759.9	763.8
57.5°	619.3	598.0	618.8	639.6	659.1	678.7	695.8	713.0	729.6	746.2	750.1
60°	604.5	576.9	595.1	613.3	635.8	658.3	675.7	693.1	709.8	726.4	730.7
62.5°	587.7	553.2	564.8	576.4	602.6	628.8	647.4	665.9	681.2	696.5	700.6
65°	*564.7*	*527.9*	*532.4*	*536.8*	*564.9*	*593.0*	*610.8*	*628.5*	*642.0*	*655.4*	*659.7*
67.5°	533.6	503.0	501.6	500.2	526.2	552.2	569.0	585.8	597.4	609.0	613.2
70°	495.2	473.5	468.6	463.8	486.6	509.4	523.9	538.4	548.9	559.4	563.4
72.5°	449.4	434.5	427.4	420.4	438.3	456.2	469.4	482.5	492.8	503.0	507.8
75°	393.1	381.6	374.9	368.0	381.4	394.7	406.6	418.5	427.8	437.2	442.2
77.5°	335.6	326.4	319.5	312.6	323.5	334.3	344.5	354.7	364.6	374.4	379.0
80°	268.9	261.1	255.4	249.6	258.6	267.6	276.2	284.8	292.3	299.7	305.8
82.5°	199.7	195.9	191.8	187.7	187.0	186.2	183.2	180.2	196.1	212.0	222.5
85°	129.9	125.9	121.3	116.7	112.9	108.9	100.6	92.2	107.1	122.1	135.0
87.5°	57.6	55.9	55.1	54.2	54.1	53.9	47.6	41.1	47.4	53.7	58.9
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8
2.5°	1292.6	1288.6	1284.6	1281.0	1277.2	1272.7	1277.2	1281.0	1284.6	1288.6	1292.6
5°	1213.9	1208.9	1203.9	1200.1	1196.3	1192.5	1196.3	1200.1	1203.9	1208.9	1213.9
7.5°	1166.6	1160.8	1155.1	1151.7	1148.3	1145.7	1148.3	1151.7	1155.1	1160.8	1166.6
10°	1152.3	1146.9	1141.4	1138.5	1135.6	1134.4	1135.6	1138.5	1141.4	1146.9	1152.3
12.5°	1173.4	1167.3	1161.3	1158.8	1156.4	1155.9	1156.4	1158.8	1161.3	1167.3	1173.4
15°	1217.2	1208.7	1200.3	1197.1	1193.9	1193.6	1193.9	1197.1	1200.3	1208.7	1217.2
17.5°	1259.2	1246.7	1234.2	1230.1	1226.0	1225.3	1226.0	1230.1	1234.2	1246.7	1259.2
20°	1284.8	1268.8	1252.8	1247.7	1242.5	1240.9	1242.5	1247.7	1252.8	1268.8	1284.8
22.5°	1285.7	1268.8	1252.0	1246.3	1240.7	1238.2	1240.7	1246.3	1252.0	1268.8	1285.7
25°	1259.7	1245.0	1230.4	1225.1	1219.8	1216.7	1219.8	1225.1	1230.4	1245.0	1259.7
27.5°	1208.7	1198.9	1189.0	1186.6	1184.2	1183.4	1184.2	1186.6	1189.0	1198.9	1208.7
30°	1145.8	1140.8	1135.8	1135.8	1135.8	1136.6	1135.8	1135.8	1135.8	1140.8	1145.8
32.5°	1082.8	1079.5	1076.2	1076.7	1077.1	1077.9	1077.1	1076.7	1076.2	1079.5	1082.8
35°	1027.1	1022.1	1017.2	1016.1	1015.0	1014.5	1015.0	1016.1	1017.2	1022.1	1027.1
37.5°	979.8	970.7	961.7	956.9	952.1	949.4	952.1	956.9	961.7	970.7	979.8
40°	936.4	923.1	910.0	901.1	892.3	887.0	892.3	901.1	910.0	923.1	936.4
42.5°	892.4	876.0	859.6	846.6	833.6	825.1	833.6	846.6	859.6	876.0	892.4
45°	849.1	830.3	811.6	796.4	781.1	771.3	781.1	796.4	811.6	830.3	849.1
47.5°	814.8	798.1	781.5	767.4	753.3	743.9	753.3	767.4	781.5	798.1	814.8
50°	794.4	781.0	767.7	754.7	741.7	732.6	741.7	754.7	767.7	781.0	794.4
52.5°	780.6	769.7	758.9	747.2	735.6	727.2	735.6	747.2	758.9	769.7	780.6
55°	767.7	758.2	748.8	738.5	728.3	720.8	728.3	738.5	748.8	758.2	767.7
57.5°	754.0	744.5	734.9	724.8	714.6	706.8	714.6	724.8	734.9	744.5	754.0
60°	735.0	725.7	716.4	705.9	695.5	687.4	695.5	705.9	716.4	725.7	735.0
62.5°	704.8	696.3	687.9	676.9	665.9	656.2	665.9	676.9	687.9	696.3	704.8
65°	*663.9*	*655.8*	*647.6*	*637.0*	*626.4*	*618.0*	*626.4*	*637.0*	*647.6*	*655.8*	*663.9*
67.5°	617.2	609.8	602.3	592.4	582.5	575.0	582.5	592.4	602.3	609.8	617.2
70°	567.4	561.3	555.2	545.8	536.3	527.7	536.3	545.8	555.2	561.3	567.4
72.5°	512.5	507.5	502.4	493.4	484.4	476.0	484.4	493.4	502.4	507.5	512.5
75°	447.1	444.6	442.2	434.6	427.0	419.0	427.0	434.6	442.2	444.6	447.1
77.5°	383.6	380.2	376.6	369.0	361.4	355.0	361.4	369.0	376.6	380.2	383.6
80°	312.0	310.5	309.0	298.7	288.4	276.5	288.4	298.7	309.0	310.5	312.0
82.5°	232.9	232.3	231.6	222.9	214.2	206.6	214.2	222.9	231.6	232.3	232.9
85°	147.9	146.8	145.8	139.0	132.2	125.3	132.2	139.0	145.8	146.8	147.9
87.5°	64.1	62.8	61.4	58.0	54.4	51.1	54.4	58.0	61.4	62.8	64.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report

REPORT NUMBER: P1202259
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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8
2.5°	1297.7	1302.8	1309.1	1315.4	1323.6	1331.7	1339.9	1348.0	1357.2	1366.5	1376.8
5°	1221.0	1228.0	1238.1	1248.2	1261.3	1274.4	1288.8	1303.2	1319.5	1335.9	1355.4
7.5°	1175.0	1183.4	1195.3	1207.3	1223.3	1239.3	1257.5	1275.6	1297.1	1318.7	1344.5
10°	1161.8	1171.1	1185.5	1199.8	1217.8	1235.8	1255.4	1274.9	1296.4	1318.0	1345.3
12.5°	1185.5	1197.6	1215.9	1234.2	1252.8	1271.5	1286.8	1302.1	1316.3	1330.7	1352.9
15°	1235.6	1253.9	1280.0	1306.0	1322.2	1338.4	1342.4	1346.4	1344.4	1342.5	1353.1
17.5°	1286.3	1313.4	1347.9	1382.4	1395.4	1408.5	1396.1	1383.6	1360.1	1336.7	1332.8
20°	1318.0	1351.2	1390.6	1430.0	1436.1	1442.1	1416.0	1389.9	1349.2	1308.4	1290.1
22.5°	1319.9	1354.2	1391.8	1429.5	1425.9	1422.2	1388.3	1354.3	1307.7	1261.3	1234.2
25°	1290.0	1320.4	1351.3	1382.1	1369.7	1357.2	1323.8	1290.4	1248.6	1206.8	1175.6
27.5°	1232.3	1255.9	1277.8	1299.8	1285.9	1272.0	1245.2	1218.4	1184.1	1149.8	1119.6
30°	1162.8	1179.7	1196.5	1213.2	1201.9	1190.6	1168.4	1146.2	1117.6	1089.1	1065.1
32.5°	1096.3	1109.8	1125.2	1140.6	1128.0	1115.5	1094.1	1072.8	1050.0	1027.3	1013.1
35°	1039.5	1052.0	1062.9	1073.9	1058.9	1043.8	1022.7	1001.6	984.2	966.9	962.9
37.5°	991.3	1002.7	1007.8	1012.9	994.3	975.6	954.6	933.5	921.1	908.6	912.9
40°	946.1	955.8	954.7	953.4	932.0	910.6	890.2	869.9	860.9	851.9	861.7
42.5°	900.5	908.8	902.6	896.4	873.3	850.1	830.8	811.6	804.2	796.9	809.8
45°	856.4	863.9	855.0	846.1	822.1	798.1	779.8	761.6	755.3	749.2	761.7
47.5°	820.0	825.1	814.9	804.7	781.0	757.4	739.5	721.6	715.8	710.0	720.6
50°	794.6	794.9	781.8	768.7	747.5	726.3	709.4	692.5	683.5	674.4	683.7
52.5°	777.8	775.0	759.5	743.9	724.1	704.4	688.9	673.4	659.9	646.3	655.5
55°	763.8	759.9	743.4	727.0	709.7	692.4	675.7	659.0	639.8	620.5	635.0
57.5°	750.1	746.2	729.6	713.0	695.8	678.7	659.1	639.6	618.8	598.0	619.3
60°	730.7	726.4	709.8	693.1	675.7	658.3	635.8	613.3	595.1	576.9	604.5
62.5°	700.6	696.5	681.2	665.9	647.4	628.8	602.6	576.4	564.8	553.2	587.7
65°	*659.7*	*655.4*	*642.0*	*628.5*	*610.8*	*593.0*	*564.9*	*536.8*	*532.4*	*527.9*	*564.7*
67.5°	613.2	609.0	597.4	585.8	569.0	552.2	526.2	500.2	501.6	503.0	533.6
70°	563.4	559.4	548.9	538.4	523.9	509.4	486.6	463.8	468.6	473.5	495.2
72.5°	507.8	503.0	492.8	482.5	469.4	456.2	438.3	420.4	427.4	434.5	449.4
75°	442.2	437.2	427.8	418.5	406.6	394.7	381.4	368.0	374.9	381.6	393.1
77.5°	379.0	374.4	364.6	354.7	344.5	334.3	323.5	312.6	319.5	326.4	335.6
80°	305.8	299.7	292.3	284.8	276.2	267.6	258.6	249.6	255.4	261.1	268.9
82.5°	222.5	212.0	196.1	180.2	183.2	186.2	187.0	187.7	191.8	195.9	199.7
85°	135.0	122.1	107.1	92.2	100.6	108.9	112.9	116.7	121.3	125.9	129.9
87.5°	58.9	53.7	47.4	41.1	47.6	53.9	54.1	54.2	55.1	55.9	57.6
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8
2.5°	1387.1	1399.9	1411.3	1423.2	1435.0	1447.4	1459.7	1472.0	1484.3	1495.9	1507.5
5°	1374.9	1397.2	1419.8	1443.7	1467.7	1493.3	1518.9	1544.4	1569.9	1595.4	1621.0
7.5°	1370.5	1399.3	1430.2	1463.6	1497.0	1534.9	1572.8	1611.8	1650.7	1692.8	1735.0
10°	1372.6	1403.6	1441.7	1481.3	1520.7	1566.8	1612.9	1664.3	1715.8	1769.1	1822.4
12.5°	1375.3	1404.2	1444.1	1488.8	1533.5	1587.9	1642.2	1700.5	1758.8	1817.3	1875.9
15°	1363.8	1387.0	1431.2	1483.0	1534.7	1597.3	1659.8	1723.1	1786.4	1847.4	1908.5
17.5°	1328.9	1343.1	1395.2	1457.4	1519.7	1592.3	1664.9	1733.9	1802.9	1864.8	1926.8
20°	1271.9	1275.6	1336.2	1413.4	1490.5	1578.5	1666.5	1742.4	1818.2	1882.6	1946.9
22.5°	1207.2	1199.8	1268.8	1361.7	1454.6	1561.6	1668.7	1753.8	1838.8	1904.6	1970.3
25°	1144.4	1124.5	1195.2	1304.0	1412.8	1545.0	1677.2	1774.4	1871.6	1936.0	2000.4
27.5°	1089.5	1065.3	1129.7	1251.2	1372.7	1533.8	1694.9	1806.7	1918.4	1979.9	2041.3
30°	1041.3	1022.3	1076.3	1207.1	1337.9	1528.6	1719.2	1848.5	1977.7	2037.1	2096.5
32.5°	999.0	990.5	1034.1	1169.1	1304.0	1522.1	1740.2	1892.1	2044.0	2102.8	2161.5
35°	959.1	962.6	998.9	1131.7	1264.5	1510.0	1755.6	1941.8	2128.0	2184.4	2240.6
37.5°	917.2	930.0	961.8	1087.7	1213.6	1489.2	1764.7	1997.5	2230.2	2302.0	2373.7
40°	871.4	891.0	919.8	1035.2	1150.6	1460.5	1770.5	2068.2	2365.8	2470.4	2574.9
42.5°	822.7	847.5	874.0	977.3	1080.5	1430.9	1781.4	2160.6	2539.8	2690.8	2841.7
45°	774.3	798.2	825.1	915.7	1006.3	1403.4	1800.6	2282.3	2764.0	2967.6	3171.2
47.5°	731.1	751.7	786.4	867.0	947.7	1380.7	1813.8	2411.9	3010.1	3296.7	3583.2
50°	693.1	717.0	762.6	834.7	906.8	1356.0	1805.2	2532.2	3259.2	3691.3	4123.3
52.5°	664.7	698.2	750.6	813.4	876.2	1314.2	1752.2	2610.3	3468.4	4105.8	4743.2
55°	649.7	700.1	748.9	798.0	847.1	1244.9	1642.7	2593.1	3543.4	4473.3	5403.2
57.5°	640.6	702.0	745.0	779.7	814.4	1147.2	1480.0	2472.0	3464.0	4733.7	6003.5
60°	632.1	696.0	724.4	751.7	779.0	1020.4	1261.8	2246.5	3231.3	4798.8	6366.3
62.5°	622.2	681.5	685.0	703.1	721.2	868.6	1016.0	1941.7	2867.4	4524.7	6182.1
65°	*601.4*	*646.6*	*646.1*	*654.7*	*663.2*	*732.0*	*800.8*	*1630.7*	*2460.6*	*4137.0*	*5813.3*
67.5°	564.1	589.5	590.7	586.0	581.2	600.8	620.3	1326.0	2031.7	3675.5	5319.3
70°	516.9	525.3	525.3	503.2	481.0	475.4	469.9	1044.1	1618.3	3172.0	4725.7
72.5°	464.3	464.2	458.9	427.6	396.2	379.3	362.4	798.2	1233.9	2626.1	4018.4
75°	404.6	406.7	382.3	347.2	312.0	296.7	281.4	579.3	877.2	2000.4	3123.6
77.5°	344.8	345.9	305.8	271.6	237.5	227.0	216.7	392.6	568.5	1400.1	2231.7
80°	276.6	276.7	228.9	200.0	171.1	166.7	162.4	252.9	343.4	902.1	1460.7
82.5°	203.4	201.2	160.3	139.0	117.7	116.8	116.1	155.6	195.1	522.1	849.1
85°	133.9	131.0	100.6	85.0	69.4	69.8	70.2	83.2	96.2	234.8	373.6
87.5°	59.2	55.4	42.8	36.4	30.0	30.4	30.8	34.5	38.2	76.9	115.6
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):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	*1401.8*	1401.8	1401.8
2.5°	1513.2	1518.9	1527.0	1535.2	1540.0	1544.8	1547.3	1549.7	*1548.6*	1549.7	1547.3
5°	1640.9	1660.9	1680.7	1700.6	1711.3	1722.1	1728.6	1735.2	*1740.1*	1735.2	1728.6
7.5°	1767.5	1799.9	1829.1	1858.3	1875.9	1893.5	1903.0	1912.5	*1917.1*	1912.5	1903.0
10°	1860.8	1899.2	1933.5	1967.7	1988.5	2009.2	2018.4	2027.6	*2031.1*	2027.6	2018.4
12.5°	1917.6	1959.1	1990.1	2021.0	2036.1	2051.1	2056.2	2061.2	*2061.8*	2061.2	2056.2
15°	1944.4	1980.3	1999.7	2019.2	2019.7	2020.2	2014.9	2009.5	*2003.1*	2009.5	2014.9
17.5°	1951.0	1975.3	1975.6	1976.0	1954.2	1932.4	1912.4	1892.4	*1878.3*	1892.4	1912.4
20°	1955.4	1963.9	1938.3	1912.8	1864.7	1816.6	1781.6	1746.6	*1725.0*	1746.6	1781.6
22.5°	1959.2	1948.2	1895.2	1842.3	1771.6	1700.8	1657.0	1613.3	*1589.5*	1613.3	1657.0
25°	1965.5	1930.5	1850.2	1769.8	1683.9	1598.0	1551.9	1506.0	*1483.5*	1506.0	1551.9
27.5°	1978.8	1916.3	1809.8	1703.4	1608.2	1513.0	1467.7	1422.5	*1401.2*	1422.5	1467.7
30°	2003.2	1910.1	1779.0	1648.0	1548.8	1449.6	1407.6	1365.6	*1345.8*	1365.6	1407.6
32.5°	2033.9	1906.3	1758.1	1609.8	1516.6	1423.4	1390.4	1357.4	*1343.1*	1357.4	1390.4
35°	2084.4	1928.3	1773.8	1619.3	1554.6	1489.9	1482.2	1474.5	*1473.3*	1474.5	1482.2
37.5°	2190.0	2006.3	1865.9	1725.5	1721.3	1717.1	1752.3	1787.4	*1805.7*	1787.4	1752.3
40°	2375.1	2175.3	2070.9	1966.4	2040.1	2113.8	2199.4	2284.9	*2327.5*	2284.9	2199.4
42.5°	2643.4	2445.2	2385.0	2324.9	2485.6	2646.4	2801.9	2957.5	*3048.8*	2957.5	2801.9
45°	2993.1	2814.9	2788.4	2761.8	3019.3	3276.9	3532.5	3788.1	*3943.3*	3788.1	3532.5
47.5°	3410.0	3236.6	3231.3	3225.9	3597.4	3968.7	4342.9	4717.1	*4936.8*	4717.1	4342.9
50°	3909.2	3695.3	3696.2	3697.1	4175.8	4654.5	5148.5	5642.4	*5941.1*	5642.4	5148.5
52.5°	4484.0	4224.9	4198.7	4172.5	4744.3	5316.2	5927.3	6538.4	*6896.4*	6538.4	5927.3
55°	5147.1	4891.1	4789.0	4686.8	5323.3	5959.6	6688.2	7416.8	*7842.6*	7416.8	6688.2
57.5°	5864.1	5724.6	5519.7	5314.9	5957.5	6600.1	7425.4	8250.6	*8778.5*	8250.6	7425.4
60°	6582.9	6799.5	6545.0	6290.6	6898.8	7506.9	8390.5	9274.0	*9844.6*	9274.0	8390.5
62.5°	6773.8	7365.5	7336.9	7308.2	7865.3	8422.4	9263.0	10103.6	*10631.0*	10103.6	9263.0
65°	*6368.7*	*6924.1*	*7034.0*	*7143.8*	*7851.8*	*8559.8*	*9375.0*	*10190.1*	*10639.1*	*10190.1*	*9375.0*
67.5°	5847.5	6375.7	6427.2	6478.7	7216.4	7954.0	8772.6	9591.3	*9943.0*	9591.3	8772.6
70°	5300.2	5874.8	5897.8	5920.9	6580.6	7240.2	7944.7	8649.1	*8844.7*	8649.1	7944.7
72.5°	4677.7	5337.0	5353.6	5370.1	5886.2	6402.3	6930.0	7457.5	*7477.3*	7457.5	6930.0
75°	3806.0	4488.3	4549.6	4610.9	5012.4	5413.9	5785.4	6156.8	*6057.3*	6156.8	5785.4
77.5°	2868.7	3505.8	3593.4	3681.1	3986.4	4291.6	4555.0	4818.5	*4647.4*	4818.5	4555.0
80°	1996.6	2532.4	2641.4	2750.4	2980.9	3211.4	3349.7	3488.0	*3212.9*	3488.0	3349.7
82.5°	1215.4	1581.9	1703.6	1825.4	1984.0	2142.7	2200.4	2258.1	*2041.9*	2258.1	2200.4
85°	568.0	762.5	866.0	969.6	1099.9	1230.3	1263.0	1295.8	*1122.6*	1295.8	1263.0
87.5°	181.0	246.4	304.1	361.9	427.1	492.3	495.1	497.8	*417.9*	497.8	495.1
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):

	330°	335°	340°	345°	350°	355°	360°
0°	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8	1401.8
2.5°	1544.8	1540.0	1535.2	1527.0	1518.9	1513.2	1507.5
5°	1722.1	1711.3	1700.6	1680.7	1660.9	1640.9	1621.0
7.5°	1893.5	1875.9	1858.3	1829.1	1799.9	1767.5	1735.0
10°	2009.2	1988.5	1967.7	1933.5	1899.2	1860.8	1822.4
12.5°	2051.1	2036.1	2021.0	1990.1	1959.1	1917.6	1875.9
15°	2020.2	2019.7	2019.2	1999.7	1980.3	1944.4	1908.5
17.5°	1932.4	1954.2	1976.0	1975.6	1975.3	1951.0	1926.8
20°	1816.6	1864.7	1912.8	1938.3	1963.9	1955.4	1946.9
22.5°	1700.8	1771.6	1842.3	1895.2	1948.2	1959.2	1970.3
25°	1598.0	1683.9	1769.8	1850.2	1930.5	1965.5	2000.4
27.5°	1513.0	1608.2	1703.4	1809.8	1916.3	1978.8	2041.3
30°	1449.6	1548.8	1648.0	1779.0	1910.1	2003.2	2096.5
32.5°	1423.4	1516.6	1609.8	1758.1	1906.3	2033.9	2161.5
35°	1489.9	1554.6	1619.3	1773.8	1928.3	2084.4	2240.6
37.5°	1717.1	1721.3	1725.5	1865.9	2006.3	2190.0	2373.7
40°	2113.8	2040.1	1966.4	2070.9	2175.3	2375.1	2574.9
42.5°	2646.4	2485.6	2324.9	2385.0	2445.2	2643.4	2841.7
45°	3276.9	3019.3	2761.8	2788.4	2814.9	2993.1	3171.2
47.5°	3968.7	3597.4	3225.9	3231.3	3236.6	3410.0	3583.2
50°	4654.5	4175.8	3697.1	3696.2	3695.3	3909.2	4123.3
52.5°	5316.2	4744.3	4172.5	4198.7	4224.9	4484.0	4743.2
55°	5959.6	5323.3	4686.8	4789.0	4891.1	5147.1	5403.2
57.5°	6600.1	5957.5	5314.9	5519.7	5724.6	5864.1	6003.5
60°	7506.9	6898.8	6290.6	6545.0	6799.5	6582.9	6366.3
62.5°	8422.4	7865.3	7308.2	7336.9	7365.5	6773.8	6182.1
65°	*8559.8*	*7851.8*	*7143.8*	*7034.0*	*6924.1*	*6368.7*	*5813.3*
67.5°	7954.0	7216.4	6478.7	6427.2	6375.7	5847.5	5319.3
70°	7240.2	6580.6	5920.9	5897.8	5874.8	5300.2	4725.7
72.5°	6402.3	5886.2	5370.1	5353.6	5337.0	4677.7	4018.4
75°	5413.9	5012.4	4610.9	4549.6	4488.3	3806.0	3123.6
77.5°	4291.6	3986.4	3681.1	3593.4	3505.8	2868.7	2231.7
80°	3211.4	2980.9	2750.4	2641.4	2532.4	1996.6	1460.7
82.5°	2142.7	1984.0	1825.4	1703.6	1581.9	1215.4	849.1
85°	1230.3	1099.9	969.6	866.0	762.5	568.0	373.6
87.5°	492.3	427.1	361.9	304.1	246.4	181.0	115.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0


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