

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: NEO-RAY

Report Number: P333684-927

Luminaire Tested: **S125RDIW-S850D770U927-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333684-927  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-7,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S125RDIW-S850D770U927-4F0-1E-UDD-A  
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 850 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 770 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5029.3 lumens  
Efficiency: N/A  
Efficacy: 111.8 lumens/watt  
Spacing Criteria (0/90/45): 1.4 / 1.22 / 1.47  
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')  
CIE Type: General Diffuse

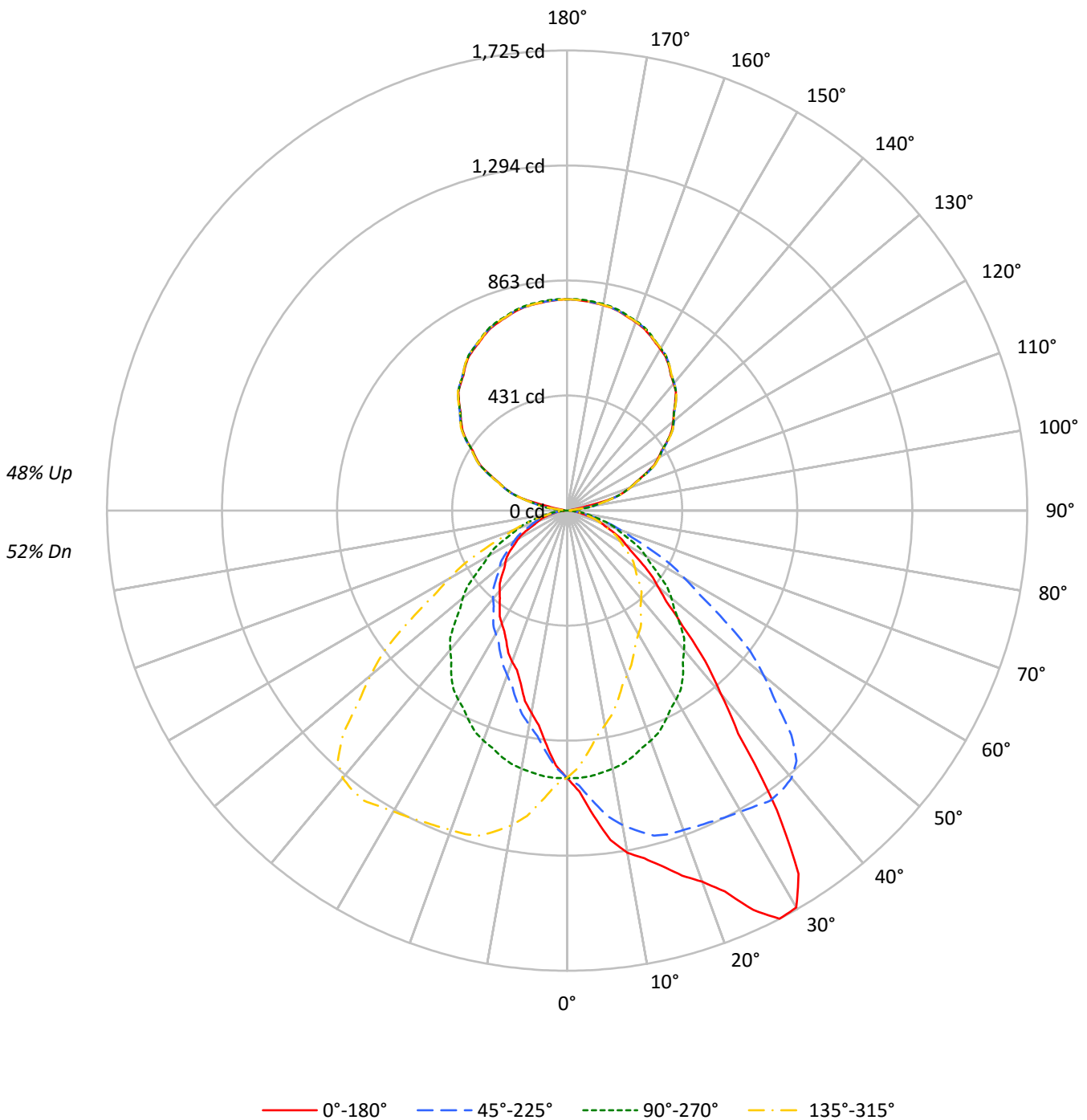
Input Watts (W): 45  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20			20			20			20
RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	108	108	108	108	99	99	99	99	84	84	84	70	70	70	58	58	58	52
1	99	94	91	87	91	88	84	81	75	72	70	63	61	60	52	51	50	44
2	90	83	77	72	83	77	72	67	66	62	59	55	53	50	46	44	42	38
3	82	73	66	60	76	68	62	57	58	54	50	49	46	43	41	39	36	32
4	76	65	57	51	70	61	54	48	52	47	43	44	40	37	37	34	32	28
5	69	58	50	44	64	54	47	42	47	41	37	40	36	32	33	30	28	25
6	64	52	44	38	59	49	42	36	42	37	32	36	32	28	30	27	25	22
7	59	47	39	34	55	44	37	32	38	33	29	33	28	25	28	24	22	19
8	55	43	35	30	51	40	33	28	35	29	25	30	26	23	25	22	20	17
9	51	39	32	27	47	37	30	25	32	27	23	28	23	20	24	20	18	16
10	48	36	29	24	44	34	27	23	30	24	21	26	21	18	22	19	16	14

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	6471	6471	6471	6471
5°	7445	6480	5723	6480
10°	8540	6447	5050	6447
15°	9225	6381	4488	6381
20°	10172	6304	4144	6304
25°	11771	6202	3846	6202
30°	12810	6095	3650	6095
35°	10806	5970	3470	5970
40°	7546	5746	3315	5746
45°	5598	5444	3163	5444
50°	4464	5129	3033	5129
55°	3788	4738	2917	4738
60°	3273	4389	2731	4389
65°	2916	4010	2350	4010
70°	2564	3675	2143	3675
75°	2218	3182	2011	3182
80°	1681	2678	1681	2678
85°	1401	2104	1586	2104



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	96.1	1.9
10°-20°	281.6	5.6
20°-30°	446.5	8.9
30°-40°	538.4	10.7
40°-50°	480.8	9.6
50°-60°	368.7	7.3
60°-70°	239.6	4.8
70°-80°	116.5	2.3
80°-90°	29.5	0.6
90°-100°	28.8	0.6
100°-110°	177.3	3.5
110°-120°	321.6	6.4
120°-130°	412.8	8.2
130°-140°	444.0	8.8
140°-150°	416.7	8.3
150°-160°	337.1	6.7
160°-170°	218.0	4.3
170°-180°	75.2	1.5
0°-30°	824.2	16.4
0°-40°	1362.6	27.1
0°-60°	2212.2	44.0
0°-90°	2597.7	51.7
90°-120°	527.8	10.5
90°-150°	1801.3	35.8
90°-180°	2432.0	48.4
0°-180°	5029.3	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1002	1002	1002	1002	1002	
5°	1148	1000	883	1000	1148	115
15°	1380	954	671	954	1380	395
25°	1652	870	540	870	1652	758
35°	1371	757	440	757	1371	828
45°	613	596	346	596	613	489
55°	336	421	259	421	336	305
65°	191	262	154	262	191	190
75°	89	128	81	128	89	95
85°	19	28	21	28	19	22
90°	14	1	14	1	14	7
95°	12	33	12	33	12	10
105°	174	172	174	172	174	158
115°	322	324	322	324	322	319
125°	461	461	461	461	461	410
135°	572	575	572	575	572	442
145°	664	666	664	666	664	415
155°	728	734	728	734	728	336
165°	770	774	770	774	770	217
175°	788	792	788	792	788	75
180°	792	792	792	792	792	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0
2.5°	1054.0	1053.4	1054.7	1051.1	1051.4	1045.8	1045.8	1041.5	1035.9	1031.7	1029.7
5°	1148.4	1149.3	1147.6	1141.5	1137.3	1131.2	1124.2	1111.8	1101.5	1091.7	1083.9
7.5°	1245.7	1246.3	1240.9	1239.0	1228.6	1221.0	1205.5	1188.7	1173.8	1154.8	1140.4
10°	1302.3	1301.9	1296.2	1291.6	1282.5	1271.1	1255.8	1236.0	1217.6	1197.0	1177.3
12.5°	1335.2	1334.1	1332.3	1326.8	1318.4	1308.2	1295.3	1275.9	1253.1	1230.6	1207.5
15°	1379.7	1376.7	1371.4	1364.4	1352.5	1340.5	1326.2	1308.9	1287.1	1261.6	1240.2
17.5°	1434.6	1434.6	1426.5	1416.7	1400.5	1379.5	1357.2	1329.4	1299.7	1271.7	1248.9
20°	1480.0	1478.8	1470.5	1451.6	1433.1	1406.8	1381.2	1347.1	1310.9	1274.3	1245.9
22.5°	1545.2	1542.0	1533.4	1508.6	1479.9	1446.0	1406.9	1365.2	1321.4	1279.9	1242.7
25°	1651.9	1649.5	1632.6	1603.9	1563.5	1511.2	1460.2	1403.1	1340.1	1285.5	1240.2
27.5°	1725.0	1722.3	1709.8	1685.8	1648.7	1593.7	1524.6	1448.3	1369.7	1294.4	1229.2
30°	1717.8	1723.9	1722.3	1711.2	1683.2	1633.9	1570.1	1484.2	1390.8	1302.3	1224.6
32.5°	1614.4	1619.9	1634.4	1656.2	1657.9	1638.2	1590.5	1511.1	1414.4	1313.8	1220.9
35°	1370.6	1378.0	1406.0	1450.0	1507.5	1555.7	1565.6	1522.8	1436.0	1327.8	1215.5
37.5°	1053.7	1094.2	1117.7	1164.0	1251.0	1339.6	1424.7	1456.0	1419.1	1322.1	1206.7
40°	895.1	904.9	946.9	999.2	1072.4	1164.5	1285.9	1373.5	1376.3	1308.9	1192.9
42.5°	766.0	778.6	807.4	849.1	911.8	1003.9	1129.2	1244.8	1298.4	1272.7	1174.8
45°	612.9	622.3	643.3	675.4	723.6	799.6	907.4	1041.1	1147.2	1188.7	1126.2
47.5°	503.5	508.6	526.9	551.3	586.9	642.4	725.8	841.9	969.2	1058.4	1049.6
50°	444.3	450.0	464.0	482.5	512.5	559.4	626.1	722.7	854.0	963.0	984.8
52.5°	398.2	403.0	411.7	429.2	453.9	490.0	543.8	631.2	749.3	865.2	915.6
55°	336.4	339.8	346.7	356.6	376.4	402.3	448.8	509.2	604.7	721.5	795.5
57.5°	285.7	287.2	291.8	300.9	314.5	333.4	367.0	418.3	486.7	591.9	673.6
60°	253.4	255.0	260.8	267.0	277.7	294.9	321.2	357.0	422.9	509.6	592.3
62.5°	227.8	228.7	231.2	237.3	246.7	260.1	280.7	310.0	362.3	438.6	516.7
65°	190.8	191.3	192.1	197.0	202.8	212.7	226.2	246.8	286.3	343.9	413.0
67.5°	155.5	156.1	158.9	160.7	166.7	171.8	179.8	195.6	223.4	262.2	315.9
70°	135.8	135.3	138.2	140.3	142.4	148.5	153.8	166.6	183.9	213.5	258.3
72.5°	117.3	116.2	117.5	118.2	121.0	125.2	130.5	138.3	151.6	172.0	206.4
75°	88.9	89.3	89.3	90.1	92.1	93.8	95.5	99.6	106.9	120.5	139.0
77.5°	62.3	61.7	63.5	63.7	64.9	66.7	68.1	69.8	72.8	78.4	87.9
80°	45.2	45.2	45.6	46.9	46.5	47.3	49.4	51.0	54.7	58.0	61.3
82.5°	34.7	34.4	34.8	35.0	34.9	35.8	36.5	36.8	38.3	39.9	42.2
85°	18.9	18.9	19.3	19.3	19.7	19.7	20.1	20.1	20.1	20.6	21.0
87.5°	10.1	9.7	9.3	9.2	9.4	10.0	9.5	9.0	9.0	8.8	9.0
90°	14.1	13.7	13.3	12.9	12.5	12.0	11.3	10.7	10.1	9.4	8.5
92.5°	13.2	13.0	12.8	12.6	12.4	12.0	11.3	10.7	10.1	9.4	8.6
95°	12.4	12.4	12.4	12.4	12.4	12.0	11.3	10.7	10.1	9.4	14.3
97.5°	12.4	12.4	12.4	12.4	12.4	14.2	17.8	21.5	25.2	28.9	38.7
100°	12.4	12.8	13.4	13.9	14.4	24.4	43.8	63.3	82.7	102.1	101.6
102.5°	73.8	82.7	91.6	100.4	109.3	115.6	119.3	122.9	126.7	130.3	130.0
105°	174.4	174.4	174.6	174.8	174.8	174.9	174.9	174.9	174.9	174.9	174.9
107.5°	219.8	220.1	220.5	220.9	221.3	221.5	221.5	221.5	221.4	221.4	221.2
110°	251.2	251.1	251.0	250.8	250.7	250.8	251.2	251.6	252.0	252.4	252.2



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	279.4	279.6	279.8	280.0	280.1	280.4	281.0	281.5	281.9	282.5	282.3
115°	321.6	322.4	323.2	324.0	324.8	325.4	326.0	326.5	327.0	327.6	327.4
117.5°	366.8	367.1	367.4	367.7	368.1	368.6	369.3	369.9	370.7	371.3	370.8
120°	394.4	395.1	395.8	396.4	397.0	397.5	397.8	398.1	398.3	398.5	398.2
122.5°	420.7	421.5	422.2	423.0	423.7	424.3	424.5	424.8	425.1	425.3	425.2
125°	460.8	461.2	461.5	461.9	462.3	462.8	463.3	463.8	464.4	464.9	464.9
127.5°	494.5	495.4	496.4	497.3	498.4	499.0	499.2	499.6	499.8	500.1	500.2
130°	518.9	519.5	520.2	520.9	521.5	522.0	522.4	522.8	523.2	523.6	523.5
132.5°	541.5	542.1	542.7	543.4	544.1	544.4	544.5	544.5	544.6	544.7	545.0
135°	572.3	573.1	573.9	574.6	575.4	576.0	576.2	576.5	576.7	577.0	577.3
137.5°	603.3	604.0	604.7	605.3	606.0	606.3	606.3	606.3	606.2	606.1	606.3
140°	621.6	622.4	623.2	623.9	624.7	625.0	624.7	624.5	624.2	623.9	624.1
142.5°	639.0	639.8	640.6	641.4	642.1	642.5	642.5	642.4	642.3	642.3	642.1
145°	664.5	665.3	666.0	666.8	667.6	667.9	667.8	667.7	667.5	667.4	667.4
147.5°	685.5	686.4	687.4	688.3	689.2	689.6	689.4	689.3	689.1	689.0	688.8
150°	699.1	700.1	701.2	702.2	703.3	703.7	703.4	703.1	702.9	702.6	702.3
152.5°	711.8	712.7	713.7	714.5	715.5	715.9	715.6	715.3	715.1	714.8	714.5
155°	728.4	729.5	730.6	731.6	732.6	732.9	732.5	732.1	731.7	731.3	731.1
157.5°	742.4	743.5	744.5	745.5	746.6	746.9	746.5	746.1	745.7	745.2	745.2
160°	751.3	752.4	753.4	754.5	755.5	755.7	755.3	754.7	754.2	753.7	753.5
162.5°	759.3	760.5	761.6	762.8	763.9	764.1	763.3	762.6	761.9	761.2	761.0
165°	770.1	771.2	772.2	773.2	774.3	774.4	773.6	772.9	772.1	771.3	771.2
167.5°	777.6	778.8	780.0	781.2	782.4	782.4	781.5	780.5	779.6	778.7	778.6
170°	781.9	783.0	784.2	785.4	786.6	786.6	785.6	784.5	783.5	782.4	782.3
172.5°	784.7	785.8	787.0	788.2	789.3	789.5	788.5	787.6	786.6	785.8	785.5
175°	788.3	789.5	790.7	791.9	793.0	793.1	792.0	791.0	790.0	788.9	788.8
177.5°	790.4	791.2	792.1	792.9	793.8	793.8	793.1	792.3	791.6	790.9	790.8
180°	791.9	791.9	791.9	791.9	791.9	791.9	791.9	791.9	791.9	791.9	791.9



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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0
2.5°	1029.7	1027.4	1023.1	1019.1	1014.2	1010.0	1006.9	1003.4	998.7	993.2	988.6
5°	1075.2	1066.2	1054.2	1044.0	1030.8	1020.6	1009.9	999.6	989.3	976.1	964.6
7.5°	1125.8	1107.1	1088.9	1066.0	1045.3	1026.7	1009.0	991.0	973.4	954.7	936.7
10°	1156.7	1134.1	1109.0	1080.1	1053.8	1028.7	1005.8	983.1	959.3	938.3	915.6
12.5°	1185.7	1156.4	1127.8	1091.4	1059.8	1029.1	999.8	971.6	946.1	918.9	894.6
15°	1211.8	1183.0	1151.0	1106.5	1062.5	1025.5	990.9	954.3	922.7	892.2	865.1
17.5°	1221.9	1191.8	1154.4	1111.7	1063.7	1017.1	972.6	932.4	895.2	859.7	829.2
20°	1218.0	1188.7	1150.5	1109.8	1058.4	1009.9	961.7	917.3	875.8	838.3	805.8
22.5°	1208.4	1178.2	1141.3	1098.3	1049.5	998.0	946.6	899.2	855.6	816.9	781.5
25°	1194.1	1153.0	1115.2	1073.2	1026.7	975.7	922.7	870.4	823.9	784.4	745.8
27.5°	1179.2	1127.9	1079.7	1038.1	989.0	943.4	892.3	838.7	789.9	749.6	710.0
30°	1165.8	1108.2	1055.1	1007.8	961.3	918.1	869.6	817.3	767.1	725.6	685.3
32.5°	1149.0	1087.7	1029.4	974.9	930.0	887.2	843.3	793.3	744.4	701.6	660.6
35°	1127.9	1049.7	986.4	928.4	878.6	837.1	797.6	757.2	708.3	663.9	624.0
37.5°	1100.3	1011.5	938.3	875.1	822.6	780.9	749.7	712.9	668.2	625.7	588.6
40°	1083.5	983.9	903.7	841.2	786.1	742.0	712.9	681.6	640.9	600.9	564.0
42.5°	1061.1	958.6	868.9	803.7	748.2	705.8	676.3	649.0	614.9	577.3	537.7
45°	1017.2	909.5	815.3	745.4	689.4	647.8	620.3	596.0	570.1	535.6	501.0
47.5°	960.1	858.3	759.6	683.3	628.5	589.9	563.2	544.1	525.5	496.1	462.6
50°	914.4	816.1	719.9	645.8	587.4	550.8	525.7	510.5	493.6	466.8	438.9
52.5°	860.5	772.7	678.3	602.7	547.6	513.3	489.2	474.0	460.0	438.2	411.6
55°	775.4	698.5	612.0	543.4	492.8	458.2	435.2	420.8	412.6	394.0	373.1
57.5°	677.2	622.1	545.9	479.7	435.0	400.8	384.0	371.7	362.4	349.3	334.5
60°	608.8	570.1	501.8	438.9	397.8	365.3	350.1	339.8	331.1	320.0	308.5
62.5°	539.3	511.2	451.8	397.8	359.9	332.7	318.5	309.2	299.2	291.8	280.5
65°	446.3	421.2	380.1	337.7	302.8	280.9	270.7	262.4	256.3	248.0	240.2
67.5°	347.1	337.0	308.6	279.4	254.3	234.9	226.0	220.2	212.9	207.9	202.6
70°	286.3	281.4	261.2	241.9	218.4	205.3	197.0	194.6	185.5	180.6	176.9
72.5°	232.3	230.0	218.4	205.0	188.5	177.0	169.4	166.6	160.8	156.9	154.5
75°	159.1	160.0	158.0	149.3	143.1	135.8	129.1	127.5	123.4	120.1	118.0
77.5°	100.7	104.9	105.0	104.6	102.2	97.7	94.9	93.7	89.7	88.4	87.9
80°	69.1	73.6	77.7	77.3	76.5	75.3	73.2	72.0	69.9	68.7	67.9
82.5°	46.1	50.3	53.7	55.9	55.8	54.6	53.2	52.6	52.1	51.3	51.1
85°	21.8	22.7	23.8	26.8	28.8	29.2	28.8	28.4	27.2	27.6	28.0
87.5°	9.1	8.9	9.0	8.9	8.3	9.7	10.5	10.6	10.2	9.7	9.3
90°	7.6	6.7	5.7	4.8	3.7	2.7	1.7	0.6	1.7	2.7	3.7
92.5°	7.8	7.0	6.2	6.1	6.8	7.6	8.3	9.0	8.3	7.6	6.8
95°	19.3	24.2	29.2	31.9	32.3	32.6	33.0	33.4	33.0	32.6	32.3
97.5°	48.5	58.3	68.1	72.6	71.9	71.3	70.6	69.9	70.6	71.3	71.9
100°	101.1	100.6	100.1	99.6	99.2	98.8	98.4	98.0	98.4	98.8	99.2
102.5°	129.7	129.4	129.0	128.7	128.2	127.7	127.1	126.7	127.1	127.7	128.2
105°	174.9	174.9	174.9	174.7	174.1	173.6	173.1	172.5	173.1	173.6	174.1
107.5°	220.9	220.6	220.4	220.2	220.2	220.2	220.2	220.2	220.2	220.2	220.2
110°	251.9	251.6	251.4	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2





TEST NUMBER: P333684-927

CATALOG NUMBER: S125RDIW-S850D770U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	282.2	282.0	281.9	281.6	281.3	281.0	280.7	280.4	280.7	281.0	281.3
115°	327.3	327.2	327.0	326.6	326.0	325.3	324.6	324.0	324.6	325.3	326.0
117.5°	370.3	369.9	369.3	369.1	369.2	369.2	369.2	369.2	369.2	369.2	369.2
120°	397.8	397.4	397.0	396.9	397.0	397.1	397.3	397.4	397.3	397.1	397.0
122.5°	424.9	424.8	424.6	424.3	423.7	423.3	422.8	422.2	422.8	423.3	423.7
125°	464.9	464.9	464.9	464.5	463.5	462.6	461.7	460.8	461.7	462.6	463.5
127.5°	500.3	500.3	500.4	500.1	499.5	498.8	498.2	497.5	498.2	498.8	499.5
130°	523.3	523.2	523.1	522.7	522.0	521.3	520.7	520.1	520.7	521.3	522.0
132.5°	545.3	545.6	545.9	545.7	544.9	544.2	543.4	542.6	543.4	544.2	544.9
135°	577.5	577.8	578.1	577.8	577.0	576.2	575.4	574.6	575.4	576.2	577.0
137.5°	606.6	606.8	607.0	606.8	606.2	605.5	604.8	604.1	604.8	605.5	606.2
140°	624.2	624.3	624.5	624.4	624.2	623.9	623.6	623.4	623.6	623.9	624.2
142.5°	641.9	641.7	641.5	641.4	641.2	641.0	640.9	640.7	640.9	641.0	641.2
145°	667.4	667.4	667.4	667.3	667.0	666.8	666.5	666.2	666.5	666.8	667.0
147.5°	688.6	688.6	688.4	688.3	688.4	688.4	688.5	688.6	688.5	688.4	688.4
150°	702.1	701.8	701.6	701.6	701.8	702.1	702.3	702.6	702.3	702.1	701.8
152.5°	714.3	714.1	713.8	713.9	714.5	715.1	715.7	716.2	715.7	715.1	714.5
155°	730.9	730.6	730.3	730.6	731.3	732.1	732.9	733.7	732.9	732.1	731.3
157.5°	745.2	745.1	745.1	745.4	745.8	746.3	746.8	747.2	746.8	746.3	745.8
160°	753.4	753.3	753.1	753.5	754.2	755.0	755.8	756.6	755.8	755.0	754.2
162.5°	761.0	760.8	760.7	761.0	761.8	762.6	763.3	764.1	763.3	762.6	761.8
165°	771.0	770.9	770.8	771.1	771.9	772.7	773.4	774.2	773.4	772.7	771.9
167.5°	778.4	778.3	778.2	778.5	779.3	780.1	780.9	781.7	780.9	780.1	779.3
170°	782.2	782.0	781.9	782.3	783.2	784.1	785.1	786.0	785.1	784.1	783.2
172.5°	785.3	785.1	784.8	785.1	786.0	787.0	787.9	788.8	787.9	787.0	786.0
175°	788.6	788.5	788.4	788.7	789.5	790.3	791.1	791.9	791.1	790.3	789.5
177.5°	790.7	790.6	790.4	790.8	791.4	792.0	792.6	793.2	792.6	792.0	791.4
180°	791.9	791.9	791.9	791.9	791.9	791.9	791.9	791.9	791.9	791.9	791.9



TEST NUMBER: P333684-927

CATALOG NUMBER: S125RDIW-S850D770U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0
2.5°	985.2	980.6	977.3	970.7	966.1	964.2	960.6	959.6	963.2	960.6	960.2
5°	955.9	944.0	934.5	925.1	914.8	908.2	898.3	896.8	894.2	890.6	889.7
7.5°	920.8	905.3	893.1	877.5	863.9	852.9	840.6	834.8	831.6	826.8	820.4
10°	897.1	878.6	862.1	846.5	829.7	816.1	803.7	794.3	788.1	782.4	779.9
12.5°	873.8	854.9	833.9	814.9	796.1	780.9	767.2	761.0	754.2	747.5	741.7
15°	837.5	812.4	789.3	767.5	751.5	735.1	721.9	712.9	702.6	699.7	688.6
17.5°	799.0	774.4	747.4	724.5	705.8	687.8	673.3	663.0	655.3	644.7	639.5
20°	775.0	745.8	719.5	698.5	677.9	656.5	641.7	633.0	625.7	617.0	612.9
22.5°	749.3	720.7	693.8	669.2	648.2	627.2	616.7	607.7	599.3	591.4	585.9
25°	711.6	682.9	654.4	628.9	607.1	591.9	579.6	569.3	564.7	557.0	551.2
27.5°	674.4	643.7	614.3	588.9	571.8	556.7	546.6	538.4	530.3	523.5	518.5
30°	650.3	619.1	587.0	566.8	548.7	534.3	523.2	515.4	509.2	503.0	499.4
32.5°	626.3	594.1	565.6	543.8	526.6	514.3	502.8	495.4	488.9	482.0	477.7
35°	587.8	554.9	531.9	510.5	493.6	482.1	474.3	463.6	458.2	453.3	448.8
37.5°	552.0	521.4	496.5	477.8	463.1	451.6	441.6	435.8	429.2	424.8	421.0
40°	525.7	497.7	475.1	455.3	444.7	431.9	422.5	415.0	410.1	404.3	400.2
42.5°	502.0	476.0	454.0	436.3	422.9	412.2	403.1	395.6	389.4	385.2	381.8
45°	468.5	442.6	421.2	404.7	392.4	382.1	372.6	369.0	360.8	355.8	354.2
47.5°	433.9	410.7	390.1	374.9	362.3	352.5	343.6	336.0	331.5	326.7	324.1
50°	410.5	388.3	369.0	354.2	341.8	331.1	322.9	318.0	311.8	307.3	304.0
52.5°	387.1	366.6	347.3	333.1	322.4	311.7	302.5	297.5	291.8	288.8	286.5
55°	353.8	331.9	315.5	301.5	290.4	280.5	271.9	267.0	263.2	260.4	259.5
57.5°	315.9	298.7	283.4	270.8	259.2	249.9	242.3	237.7	234.4	233.9	231.5
60°	291.2	275.6	261.6	248.0	238.1	229.5	222.9	217.6	214.3	213.9	213.1
62.5°	266.6	251.6	238.6	226.6	217.8	209.5	203.2	197.2	195.2	193.1	191.4
65°	230.0	216.3	205.7	196.2	186.7	179.7	173.6	169.8	165.3	162.9	158.4
67.5°	194.0	183.5	173.2	165.2	157.8	151.1	146.0	140.5	137.4	135.5	132.2
70°	170.3	162.1	151.8	143.1	137.4	132.1	127.9	121.8	119.7	118.0	116.4
72.5°	147.9	140.7	132.1	125.1	119.3	114.2	109.5	106.6	104.6	102.9	102.0
75°	116.4	109.4	102.0	97.0	93.0	88.9	86.3	84.3	83.5	83.1	81.4
77.5°	85.5	81.8	75.8	71.9	69.2	67.6	65.4	64.2	64.2	62.3	61.8
80°	65.4	63.4	58.4	56.8	54.7	53.1	51.8	49.7	47.7	46.9	45.6
82.5°	48.6	46.6	44.6	42.0	40.2	39.2	38.0	37.2	37.5	36.4	35.8
85°	25.9	23.8	23.1	22.7	21.8	22.7	22.2	21.8	21.4	21.0	21.4
87.5°	9.2	9.3	9.2	10.1	9.3	9.7	9.9	9.7	9.8	10.0	9.7
90°	4.8	5.7	6.7	7.6	8.5	9.4	10.1	10.7	11.3	12.0	12.5
92.5°	6.1	6.2	7.0	7.8	8.6	9.4	10.1	10.7	11.3	12.0	12.4
95°	31.9	29.2	24.2	19.3	14.3	9.4	10.1	10.7	11.3	12.0	12.4
97.5°	72.6	68.1	58.3	48.5	38.7	28.9	25.2	21.5	17.8	14.2	12.4
100°	99.6	100.1	100.6	101.1	101.6	102.1	82.7	63.3	43.8	24.4	14.4
102.5°	128.7	129.0	129.4	129.7	130.0	130.3	126.7	122.9	119.3	115.6	109.3
105°	174.7	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.8
107.5°	220.2	220.4	220.6	220.9	221.2	221.4	221.4	221.5	221.5	221.5	221.3
110°	251.2	251.4	251.6	251.9	252.2	252.4	252.0	251.6	251.2	250.8	250.7



TEST NUMBER: P333684-927

CATALOG NUMBER: S125RDIW-S850D770U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	281.6	281.9	282.0	282.2	282.3	282.5	281.9	281.5	281.0	280.4	280.1
115°	326.6	327.0	327.2	327.3	327.4	327.6	327.0	326.5	326.0	325.4	324.8
117.5°	369.1	369.3	369.9	370.3	370.8	371.3	370.7	369.9	369.3	368.6	368.1
120°	396.9	397.0	397.4	397.8	398.2	398.5	398.3	398.1	397.8	397.5	397.0
122.5°	424.3	424.6	424.8	424.9	425.2	425.3	425.1	424.8	424.5	424.3	423.7
125°	464.5	464.9	464.9	464.9	464.9	464.9	464.4	463.8	463.3	462.8	462.3
127.5°	500.1	500.4	500.3	500.3	500.2	500.1	499.8	499.6	499.2	499.0	498.4
130°	522.7	523.1	523.2	523.3	523.5	523.6	523.2	522.8	522.4	522.0	521.5
132.5°	545.7	545.9	545.6	545.3	545.0	544.7	544.6	544.5	544.5	544.4	544.1
135°	577.8	578.1	577.8	577.5	577.3	577.0	576.7	576.5	576.2	576.0	575.4
137.5°	606.8	607.0	606.8	606.6	606.3	606.1	606.2	606.3	606.3	606.3	606.0
140°	624.4	624.5	624.3	624.2	624.1	623.9	624.2	624.5	624.7	625.0	624.7
142.5°	641.4	641.5	641.7	641.9	642.1	642.3	642.3	642.4	642.5	642.5	642.1
145°	667.3	667.4	667.4	667.4	667.4	667.4	667.5	667.7	667.8	667.9	667.6
147.5°	688.3	688.4	688.6	688.6	688.8	689.0	689.1	689.3	689.4	689.6	689.2
150°	701.6	701.6	701.8	702.1	702.3	702.6	702.9	703.1	703.4	703.7	703.3
152.5°	713.9	713.8	714.1	714.3	714.5	714.8	715.1	715.3	715.6	715.9	715.5
155°	730.6	730.3	730.6	730.9	731.1	731.3	731.7	732.1	732.5	732.9	732.6
157.5°	745.4	745.1	745.1	745.2	745.2	745.2	745.7	746.1	746.5	746.9	746.6
160°	753.5	753.1	753.3	753.4	753.5	753.7	754.2	754.7	755.3	755.7	755.5
162.5°	761.0	760.7	760.8	761.0	761.0	761.2	761.9	762.6	763.3	764.1	763.9
165°	771.1	770.8	770.9	771.0	771.2	771.3	772.1	772.9	773.6	774.4	774.3
167.5°	778.5	778.2	778.3	778.4	778.6	778.7	779.6	780.5	781.5	782.4	782.4
170°	782.3	781.9	782.0	782.2	782.3	782.4	783.5	784.5	785.6	786.6	786.6
172.5°	785.1	784.8	785.1	785.3	785.5	785.8	786.6	787.6	788.5	789.5	789.3
175°	788.7	788.4	788.5	788.6	788.8	788.9	790.0	791.0	792.0	793.1	793.0
177.5°	790.8	790.4	790.6	790.7	790.8	790.9	791.6	792.3	793.1	793.8	793.8
180°	791.9	791.9	791.9	791.9	791.9	791.9	791.9	791.9	791.9	791.9	791.9



TEST NUMBER: P333684-927

CATALOG NUMBER: S125RDIW-S850D770U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0
2.5°	959.9	956.3	955.3	956.6	955.3	956.3	959.9	960.2	960.6	963.2	959.6
5°	885.6	881.5	883.5	882.7	883.5	881.5	885.6	889.7	890.6	894.2	896.8
7.5°	820.3	815.2	809.8	811.5	809.8	815.2	820.3	820.4	826.8	831.6	834.8
10°	774.5	770.5	767.9	770.0	767.9	770.5	774.5	779.9	782.4	788.1	794.3
12.5°	736.0	733.6	731.4	730.6	731.4	733.6	736.0	741.7	747.5	754.2	761.0
15°	683.7	678.7	676.7	671.3	676.7	678.7	683.7	688.6	699.7	702.6	712.9
17.5°	635.3	633.7	628.4	626.1	628.4	633.7	635.3	639.5	644.7	655.3	663.0
20°	606.7	605.1	599.8	603.0	599.8	605.1	606.7	612.9	617.0	625.7	633.0
22.5°	583.0	579.4	577.7	576.7	577.7	579.4	583.0	585.9	591.4	599.3	607.7
25°	549.5	544.2	542.2	539.7	542.2	544.2	549.5	551.2	557.0	564.7	569.3
27.5°	516.2	513.3	510.6	509.9	510.6	513.3	516.2	518.5	523.5	530.3	538.4
30°	494.4	491.5	489.5	489.5	489.5	491.5	494.4	499.4	503.0	509.2	515.4
32.5°	475.0	472.8	470.7	470.4	470.7	472.8	475.0	477.7	482.0	488.9	495.4
35°	446.7	443.5	442.6	440.1	442.6	443.5	446.7	448.8	453.3	458.2	463.6
37.5°	417.3	414.6	414.5	414.3	414.5	414.6	417.3	421.0	424.8	429.2	435.8
40°	398.6	396.6	396.1	393.2	396.1	396.6	398.6	400.2	404.3	410.1	415.0
42.5°	378.5	377.5	376.0	374.8	376.0	377.5	378.5	381.8	385.2	389.4	395.6
45°	351.3	348.4	348.4	346.3	348.4	348.4	351.3	354.2	355.8	360.8	369.0
47.5°	323.1	320.9	321.2	319.0	321.2	320.9	323.1	324.1	326.7	331.5	336.0
50°	304.4	303.2	302.8	301.9	302.8	303.2	304.4	304.0	307.3	311.8	318.0
52.5°	285.7	285.0	286.6	284.8	286.6	285.0	285.7	286.5	288.8	291.8	297.5
55°	260.4	259.1	261.6	259.1	261.6	259.1	260.4	259.5	260.4	263.2	267.0
57.5°	231.3	230.2	232.4	231.2	232.4	230.2	231.3	231.5	233.9	234.4	237.7
60°	212.2	209.8	211.0	211.4	211.0	209.8	212.2	213.1	213.9	214.3	217.6
62.5°	189.6	188.1	188.9	187.1	188.9	188.1	189.6	191.4	193.1	195.2	197.2
65°	157.6	156.3	154.6	153.8	154.6	156.3	157.6	158.4	162.9	165.3	169.8
67.5°	132.4	129.4	129.4	130.0	129.4	129.4	132.4	132.2	135.5	137.4	140.5
70°	113.9	113.9	113.5	113.5	113.5	113.9	113.9	116.4	118.0	119.7	121.8
72.5°	101.1	100.8	100.1	99.7	100.1	100.8	101.1	102.0	102.9	104.6	106.6
75°	81.4	81.8	81.0	80.6	81.0	81.8	81.4	81.4	83.1	83.5	84.3
77.5°	60.1	58.4	59.3	58.4	59.3	58.4	60.1	61.8	62.3	64.2	64.2
80°	45.6	45.2	46.5	45.2	46.5	45.2	45.6	45.6	46.9	47.7	49.7
82.5°	36.1	35.7	36.3	35.4	36.3	35.7	36.1	35.8	36.4	37.5	37.2
85°	21.8	21.4	21.0	21.4	21.0	21.4	21.8	21.4	21.0	21.4	21.8
87.5°	10.1	9.9	10.0	10.1	10.0	9.9	10.1	9.7	10.0	9.8	9.7
90°	12.9	13.3	13.7	14.1	13.7	13.3	12.9	12.5	12.0	11.3	10.7
92.5°	12.6	12.8	13.0	13.2	13.0	12.8	12.6	12.4	12.0	11.3	10.7
95°	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.0	11.3	10.7
97.5°	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	14.2	17.8	21.5
100°	13.9	13.4	12.8	12.4	12.8	13.4	13.9	14.4	24.4	43.8	63.3
102.5°	100.4	91.6	82.7	73.8	82.7	91.6	100.4	109.3	115.6	119.3	122.9
105°	174.8	174.6	174.4	174.4	174.4	174.6	174.8	174.8	174.9	174.9	174.9
107.5°	220.9	220.5	220.1	219.8	220.1	220.5	220.9	221.3	221.5	221.5	221.5
110°	250.8	251.0	251.1	251.2	251.1	251.0	250.8	250.7	250.8	251.2	251.6



TEST NUMBER: P333684-927

CATALOG NUMBER: S125RDIW-S850D770U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	280.0	279.8	279.6	279.4	279.6	279.8	280.0	280.1	280.4	281.0	281.5
115°	324.0	323.2	322.4	321.6	322.4	323.2	324.0	324.8	325.4	326.0	326.5
117.5°	367.7	367.4	367.1	366.8	367.1	367.4	367.7	368.1	368.6	369.3	369.9
120°	396.4	395.8	395.1	394.4	395.1	395.8	396.4	397.0	397.5	397.8	398.1
122.5°	423.0	422.2	421.5	420.7	421.5	422.2	423.0	423.7	424.3	424.5	424.8
125°	461.9	461.5	461.2	460.8	461.2	461.5	461.9	462.3	462.8	463.3	463.8
127.5°	497.3	496.4	495.4	494.5	495.4	496.4	497.3	498.4	499.0	499.2	499.6
130°	520.9	520.2	519.5	518.9	519.5	520.2	520.9	521.5	522.0	522.4	522.8
132.5°	543.4	542.7	542.1	541.5	542.1	542.7	543.4	544.1	544.4	544.5	544.5
135°	574.6	573.9	573.1	572.3	573.1	573.9	574.6	575.4	576.0	576.2	576.5
137.5°	605.3	604.7	604.0	603.3	604.0	604.7	605.3	606.0	606.3	606.3	606.3
140°	623.9	623.2	622.4	621.6	622.4	623.2	623.9	624.7	625.0	624.7	624.5
142.5°	641.4	640.6	639.8	639.0	639.8	640.6	641.4	642.1	642.5	642.5	642.4
145°	666.8	666.0	665.3	664.5	665.3	666.0	666.8	667.6	667.9	667.8	667.7
147.5°	688.3	687.4	686.4	685.5	686.4	687.4	688.3	689.2	689.6	689.4	689.3
150°	702.2	701.2	700.1	699.1	700.1	701.2	702.2	703.3	703.7	703.4	703.1
152.5°	714.5	713.7	712.7	711.8	712.7	713.7	714.5	715.5	715.9	715.6	715.3
155°	731.6	730.6	729.5	728.4	729.5	730.6	731.6	732.6	732.9	732.5	732.1
157.5°	745.5	744.5	743.5	742.4	743.5	744.5	745.5	746.6	746.9	746.5	746.1
160°	754.5	753.4	752.4	751.3	752.4	753.4	754.5	755.5	755.7	755.3	754.7
162.5°	762.8	761.6	760.5	759.3	760.5	761.6	762.8	763.9	764.1	763.3	762.6
165°	773.2	772.2	771.2	770.1	771.2	772.2	773.2	774.3	774.4	773.6	772.9
167.5°	781.2	780.0	778.8	777.6	778.8	780.0	781.2	782.4	782.4	781.5	780.5
170°	785.4	784.2	783.0	781.9	783.0	784.2	785.4	786.6	786.6	785.6	784.5
172.5°	788.2	787.0	785.8	784.7	785.8	787.0	788.2	789.3	789.5	788.5	787.6
175°	791.9	790.7	789.5	788.3	789.5	790.7	791.9	793.0	793.1	792.0	791.0
177.5°	792.9	792.1	791.2	790.4	791.2	792.1	792.9	793.8	793.8	793.1	792.3
180°	791.9	791.9	791.9	791.9	791.9	791.9	791.9	791.9	791.9	791.9	791.9



TEST NUMBER: P333684-927

CATALOG NUMBER: S125RDIW-S850D770U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0
2.5°	960.6	964.2	966.1	970.7	977.3	980.6	985.2	988.6	993.2	998.7	1003.4
5°	898.3	908.2	914.8	925.1	934.5	944.0	955.9	964.6	976.1	989.3	999.6
7.5°	840.6	852.9	863.9	877.5	893.1	905.3	920.8	936.7	954.7	973.4	991.0
10°	803.7	816.1	829.7	846.5	862.1	878.6	897.1	915.6	938.3	959.3	983.1
12.5°	767.2	780.9	796.1	814.9	833.9	854.9	873.8	894.6	918.9	946.1	971.6
15°	721.9	735.1	751.5	767.5	789.3	812.4	837.5	865.1	892.2	922.7	954.3
17.5°	673.3	687.8	705.8	724.5	747.4	774.4	799.0	829.2	859.7	895.2	932.4
20°	641.7	656.5	677.9	698.5	719.5	745.8	775.0	805.8	838.3	875.8	917.3
22.5°	616.7	627.2	648.2	669.2	693.8	720.7	749.3	781.5	816.9	855.6	899.2
25°	579.6	591.9	607.1	628.9	654.4	682.9	711.6	745.8	784.4	823.9	870.4
27.5°	546.6	556.7	571.8	588.9	614.3	643.7	674.4	710.0	749.6	789.9	838.7
30°	523.2	534.3	548.7	566.8	587.0	619.1	650.3	685.3	725.6	767.1	817.3
32.5°	502.8	514.3	526.6	543.8	565.6	594.1	626.3	660.6	701.6	744.4	793.3
35°	474.3	482.1	493.6	510.5	531.9	554.9	587.8	624.0	663.9	708.3	757.2
37.5°	441.6	451.6	463.1	477.8	496.5	521.4	552.0	588.6	625.7	668.2	712.9
40°	422.5	431.9	444.7	455.3	475.1	497.7	525.7	564.0	600.9	640.9	681.6
42.5°	403.1	412.2	422.9	436.3	454.0	476.0	502.0	537.7	577.3	614.9	649.0
45°	372.6	382.1	392.4	404.7	421.2	442.6	468.5	501.0	535.6	570.1	596.0
47.5°	343.6	352.5	362.3	374.9	390.1	410.7	433.9	462.6	496.1	525.5	544.1
50°	322.9	331.1	341.8	354.2	369.0	388.3	410.5	438.9	466.8	493.6	510.5
52.5°	302.5	311.7	322.4	333.1	347.3	366.6	387.1	411.6	438.2	460.0	474.0
55°	271.9	280.5	290.4	301.5	315.5	331.9	353.8	373.1	394.0	412.6	420.8
57.5°	242.3	249.9	259.2	270.8	283.4	298.7	315.9	334.5	349.3	362.4	371.7
60°	222.9	229.5	238.1	248.0	261.6	275.6	291.2	308.5	320.0	331.1	339.8
62.5°	203.2	209.5	217.8	226.6	238.6	251.6	266.6	280.5	291.8	299.2	309.2
65°	173.6	179.7	186.7	196.2	205.7	216.3	230.0	240.2	248.0	256.3	262.4
67.5°	146.0	151.1	157.8	165.2	173.2	183.5	194.0	202.6	207.9	212.9	220.2
70°	127.9	132.1	137.4	143.1	151.8	162.1	170.3	176.9	180.6	185.5	194.6
72.5°	109.5	114.2	119.3	125.1	132.1	140.7	147.9	154.5	156.9	160.8	166.6
75°	86.3	88.9	93.0	97.0	102.0	109.4	116.4	118.0	120.1	123.4	127.5
77.5°	65.4	67.6	69.2	71.9	75.8	81.8	85.5	87.9	88.4	89.7	93.7
80°	51.8	53.1	54.7	56.8	58.4	63.4	65.4	67.9	68.7	69.9	72.0
82.5°	38.0	39.2	40.2	42.0	44.6	46.6	48.6	51.1	51.3	52.1	52.6
85°	22.2	22.7	21.8	22.7	23.1	23.8	25.9	28.0	27.6	27.2	28.4
87.5°	9.9	9.7	9.3	10.1	9.2	9.3	9.2	9.3	9.7	10.2	10.6
90°	10.1	9.4	8.5	7.6	6.7	5.7	4.8	3.7	2.7	1.7	0.6
92.5°	10.1	9.4	8.6	7.8	7.0	6.2	6.1	6.8	7.6	8.3	9.0
95°	10.1	9.4	14.3	19.3	24.2	29.2	31.9	32.3	32.6	33.0	33.4
97.5°	25.2	28.9	38.7	48.5	58.3	68.1	72.6	71.9	71.3	70.6	69.9
100°	82.7	102.1	101.6	101.1	100.6	100.1	99.6	99.2	98.8	98.4	98.0
102.5°	126.7	130.3	130.0	129.7	129.4	129.0	128.7	128.2	127.7	127.1	126.7
105°	174.9	174.9	174.9	174.9	174.9	174.9	174.7	174.1	173.6	173.1	172.5
107.5°	221.4	221.4	221.2	220.9	220.6	220.4	220.2	220.2	220.2	220.2	220.2
110°	252.0	252.4	252.2	251.9	251.6	251.4	251.2	251.2	251.2	251.2	251.2



TEST NUMBER: P333684-927

CATALOG NUMBER: S125RDIW-S850D770U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	281.9	282.5	282.3	282.2	282.0	281.9	281.6	281.3	281.0	280.7	280.4
115°	327.0	327.6	327.4	327.3	327.2	327.0	326.6	326.0	325.3	324.6	324.0
117.5°	370.7	371.3	370.8	370.3	369.9	369.3	369.1	369.2	369.2	369.2	369.2
120°	398.3	398.5	398.2	397.8	397.4	397.0	396.9	397.0	397.1	397.3	397.4
122.5°	425.1	425.3	425.2	424.9	424.8	424.6	424.3	423.7	423.3	422.8	422.2
125°	464.4	464.9	464.9	464.9	464.9	464.9	464.5	463.5	462.6	461.7	460.8
127.5°	499.8	500.1	500.2	500.3	500.3	500.4	500.1	499.5	498.8	498.2	497.5
130°	523.2	523.6	523.5	523.3	523.2	523.1	522.7	522.0	521.3	520.7	520.1
132.5°	544.6	544.7	545.0	545.3	545.6	545.9	545.7	544.9	544.2	543.4	542.6
135°	576.7	577.0	577.3	577.5	577.8	578.1	577.8	577.0	576.2	575.4	574.6
137.5°	606.2	606.1	606.3	606.6	606.8	607.0	606.8	606.2	605.5	604.8	604.1
140°	624.2	623.9	624.1	624.2	624.3	624.5	624.4	624.2	623.9	623.6	623.4
142.5°	642.3	642.3	642.1	641.9	641.7	641.5	641.4	641.2	641.0	640.9	640.7
145°	667.5	667.4	667.4	667.4	667.4	667.4	667.3	667.0	666.8	666.5	666.2
147.5°	689.1	689.0	688.8	688.6	688.6	688.4	688.3	688.4	688.4	688.5	688.6
150°	702.9	702.6	702.3	702.1	701.8	701.6	701.6	701.8	702.1	702.3	702.6
152.5°	715.1	714.8	714.5	714.3	714.1	713.8	713.9	714.5	715.1	715.7	716.2
155°	731.7	731.3	731.1	730.9	730.6	730.3	730.6	731.3	732.1	732.9	733.7
157.5°	745.7	745.2	745.2	745.2	745.1	745.1	745.4	745.8	746.3	746.8	747.2
160°	754.2	753.7	753.5	753.4	753.3	753.1	753.5	754.2	755.0	755.8	756.6
162.5°	761.9	761.2	761.0	761.0	760.8	760.7	761.0	761.8	762.6	763.3	764.1
165°	772.1	771.3	771.2	771.0	770.9	770.8	771.1	771.9	772.7	773.4	774.2
167.5°	779.6	778.7	778.6	778.4	778.3	778.2	778.5	779.3	780.1	780.9	781.7
170°	783.5	782.4	782.3	782.2	782.0	781.9	782.3	783.2	784.1	785.1	786.0
172.5°	786.6	785.8	785.5	785.3	785.1	784.8	785.1	786.0	787.0	787.9	788.8
175°	790.0	788.9	788.8	788.6	788.5	788.4	788.7	789.5	790.3	791.1	791.9
177.5°	791.6	790.9	790.8	790.7	790.6	790.4	790.8	791.4	792.0	792.6	793.2
180°	791.9	791.9	791.9	791.9	791.9	791.9	791.9	791.9	791.9	791.9	791.9



TEST NUMBER: P333684-927

CATALOG NUMBER: S125RDIW-S850D770U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0
2.5°	1006.9	1010.0	1014.2	1019.1	1023.1	1027.4	1029.7	1029.7	1031.7	1035.9	1041.5
5°	1009.9	1020.6	1030.8	1044.0	1054.2	1066.2	1075.2	1083.9	1091.7	1101.5	1111.8
7.5°	1009.0	1026.7	1045.3	1066.0	1088.9	1107.1	1125.8	1140.4	1154.8	1173.8	1188.7
10°	1005.8	1028.7	1053.8	1080.1	1109.0	1134.1	1156.7	1177.3	1197.0	1217.6	1236.0
12.5°	999.8	1029.1	1059.8	1091.4	1127.8	1156.4	1185.7	1207.5	1230.6	1253.1	1275.9
15°	990.9	1025.5	1062.5	1106.5	1151.0	1183.0	1211.8	1240.2	1261.6	1287.1	1308.9
17.5°	972.6	1017.1	1063.7	1111.7	1154.4	1191.8	1221.9	1248.9	1271.7	1299.7	1329.4
20°	961.7	1009.9	1058.4	1109.8	1150.5	1188.7	1218.0	1245.9	1274.3	1310.9	1347.1
22.5°	946.6	998.0	1049.5	1098.3	1141.3	1178.2	1208.4	1242.7	1279.9	1321.4	1365.2
25°	922.7	975.7	1026.7	1073.2	1115.2	1153.0	1194.1	1240.2	1285.5	1340.1	1403.1
27.5°	892.3	943.4	989.0	1038.1	1079.7	1127.9	1179.2	1229.2	1294.4	1369.7	1448.3
30°	869.6	918.1	961.3	1007.8	1055.1	1108.2	1165.8	1224.6	1302.3	1390.8	1484.2
32.5°	843.3	887.2	930.0	974.9	1029.4	1087.7	1149.0	1220.9	1313.8	1414.4	1511.1
35°	797.6	837.1	878.6	928.4	986.4	1049.7	1127.9	1215.5	1327.8	1436.0	1522.8
37.5°	749.7	780.9	822.6	875.1	938.3	1011.5	1100.3	1206.7	1322.1	1419.1	1456.0
40°	712.9	742.0	786.1	841.2	903.7	983.9	1083.5	1192.9	1308.9	1376.3	1373.5
42.5°	676.3	705.8	748.2	803.7	868.9	958.6	1061.1	1174.8	1272.7	1298.4	1244.8
45°	620.3	647.8	689.4	745.4	815.3	909.5	1017.2	1126.2	1188.7	1147.2	1041.1
47.5°	563.2	589.9	628.5	683.3	759.6	858.3	960.1	1049.6	1058.4	969.2	841.9
50°	525.7	550.8	587.4	645.8	719.9	816.1	914.4	984.8	963.0	854.0	722.7
52.5°	489.2	513.3	547.6	602.7	678.3	772.7	860.5	915.6	865.2	749.3	631.2
55°	435.2	458.2	492.8	543.4	612.0	698.5	775.4	795.5	721.5	604.7	509.2
57.5°	384.0	400.8	435.0	479.7	545.9	622.1	677.2	673.6	591.9	486.7	418.3
60°	350.1	365.3	397.8	438.9	501.8	570.1	608.8	592.3	509.6	422.9	357.0
62.5°	318.5	332.7	359.9	397.8	451.8	511.2	539.3	516.7	438.6	362.3	310.0
65°	270.7	280.9	302.8	337.7	380.1	421.2	446.3	413.0	343.9	286.3	246.8
67.5°	226.0	234.9	254.3	279.4	308.6	337.0	347.1	315.9	262.2	223.4	195.6
70°	197.0	205.3	218.4	241.9	261.2	281.4	286.3	258.3	213.5	183.9	166.6
72.5°	169.4	177.0	188.5	205.0	218.4	230.0	232.3	206.4	172.0	151.6	138.3
75°	129.1	135.8	143.1	149.3	158.0	160.0	159.1	139.0	120.5	106.9	99.6
77.5°	94.9	97.7	102.2	104.6	105.0	104.9	100.7	87.9	78.4	72.8	69.8
80°	73.2	75.3	76.5	77.3	77.7	73.6	69.1	61.3	58.0	54.7	51.0
82.5°	53.2	54.6	55.8	55.9	53.7	50.3	46.1	42.2	39.9	38.3	36.8
85°	28.8	29.2	28.8	26.8	23.8	22.7	21.8	21.0	20.6	20.1	20.1
87.5°	10.5	9.7	8.3	8.9	9.0	8.9	9.1	9.0	8.8	9.0	9.0
90°	1.7	2.7	3.7	4.8	5.7	6.7	7.6	8.5	9.4	10.1	10.7
92.5°	8.3	7.6	6.8	6.1	6.2	7.0	7.8	8.6	9.4	10.1	10.7
95°	33.0	32.6	32.3	31.9	29.2	24.2	19.3	14.3	9.4	10.1	10.7
97.5°	70.6	71.3	71.9	72.6	68.1	58.3	48.5	38.7	28.9	25.2	21.5
100°	98.4	98.8	99.2	99.6	100.1	100.6	101.1	101.6	102.1	82.7	63.3
102.5°	127.1	127.7	128.2	128.7	129.0	129.4	129.7	130.0	130.3	126.7	122.9
105°	173.1	173.6	174.1	174.7	174.9	174.9	174.9	174.9	174.9	174.9	174.9
107.5°	220.2	220.2	220.2	220.2	220.4	220.6	220.9	221.2	221.4	221.4	221.5
110°	251.2	251.2	251.2	251.2	251.4	251.6	251.9	252.2	252.4	252.0	251.6





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**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	280.7	281.0	281.3	281.6	281.9	282.0	282.2	282.3	282.5	281.9	281.5
115°	324.6	325.3	326.0	326.6	327.0	327.2	327.3	327.4	327.6	327.0	326.5
117.5°	369.2	369.2	369.2	369.1	369.3	369.9	370.3	370.8	371.3	370.7	369.9
120°	397.3	397.1	397.0	396.9	397.0	397.4	397.8	398.2	398.5	398.3	398.1
122.5°	422.8	423.3	423.7	424.3	424.6	424.8	424.9	425.2	425.3	425.1	424.8
125°	461.7	462.6	463.5	464.5	464.9	464.9	464.9	464.9	464.9	464.4	463.8
127.5°	498.2	498.8	499.5	500.1	500.4	500.3	500.3	500.2	500.1	499.8	499.6
130°	520.7	521.3	522.0	522.7	523.1	523.2	523.3	523.5	523.6	523.2	522.8
132.5°	543.4	544.2	544.9	545.7	545.9	545.6	545.3	545.0	544.7	544.6	544.5
135°	575.4	576.2	577.0	577.8	578.1	577.8	577.5	577.3	577.0	576.7	576.5
137.5°	604.8	605.5	606.2	606.8	607.0	606.8	606.6	606.3	606.1	606.2	606.3
140°	623.6	623.9	624.2	624.4	624.5	624.3	624.2	624.1	623.9	624.2	624.5
142.5°	640.9	641.0	641.2	641.4	641.5	641.7	641.9	642.1	642.3	642.3	642.4
145°	666.5	666.8	667.0	667.3	667.4	667.4	667.4	667.4	667.4	667.5	667.7
147.5°	688.5	688.4	688.4	688.3	688.4	688.6	688.6	688.8	689.0	689.1	689.3
150°	702.3	702.1	701.8	701.6	701.6	701.8	702.1	702.3	702.6	702.9	703.1
152.5°	715.7	715.1	714.5	713.9	713.8	714.1	714.3	714.5	714.8	715.1	715.3
155°	732.9	732.1	731.3	730.6	730.3	730.6	730.9	731.1	731.3	731.7	732.1
157.5°	746.8	746.3	745.8	745.4	745.1	745.1	745.2	745.2	745.2	745.7	746.1
160°	755.8	755.0	754.2	753.5	753.1	753.3	753.4	753.5	753.7	754.2	754.7
162.5°	763.3	762.6	761.8	761.0	760.7	760.8	761.0	761.0	761.2	761.9	762.6
165°	773.4	772.7	771.9	771.1	770.8	770.9	771.0	771.2	771.3	772.1	772.9
167.5°	780.9	780.1	779.3	778.5	778.2	778.3	778.4	778.6	778.7	779.6	780.5
170°	785.1	784.1	783.2	782.3	781.9	782.0	782.2	782.3	782.4	783.5	784.5
172.5°	787.9	787.0	786.0	785.1	784.8	785.1	785.3	785.5	785.8	786.6	787.6
175°	791.1	790.3	789.5	788.7	788.4	788.5	788.6	788.8	788.9	790.0	791.0
177.5°	792.6	792.0	791.4	790.8	790.4	790.6	790.7	790.8	790.9	791.6	792.3
180°	791.9	791.9	791.9	791.9	791.9	791.9	791.9	791.9	791.9	791.9	791.9



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0
2.5°	1045.8	1045.8	1051.4	1051.1	1054.7	1053.4	1054.0
5°	1124.2	1131.2	1137.3	1141.5	1147.6	1149.3	1148.4
7.5°	1205.5	1221.0	1228.6	1239.0	1240.9	1246.3	1245.7
10°	1255.8	1271.1	1282.5	1291.6	1296.2	1301.9	1302.3
12.5°	1295.3	1308.2	1318.4	1326.8	1332.3	1334.1	1335.2
15°	1326.2	1340.5	1352.5	1364.4	1371.4	1376.7	1379.7
17.5°	1357.2	1379.5	1400.5	1416.7	1426.5	1434.6	1434.6
20°	1381.2	1406.8	1433.1	1451.6	1470.5	1478.8	1480.0
22.5°	1406.9	1446.0	1479.9	1508.6	1533.4	1542.0	1545.2
25°	1460.2	1511.2	1563.5	1603.9	1632.6	1649.5	1651.9
27.5°	1524.6	1593.7	1648.7	1685.8	1709.8	1722.3	1725.0
30°	1570.1	1633.9	1683.2	1711.2	1722.3	1723.9	1717.8
32.5°	1590.5	1638.2	1657.9	1656.2	1634.4	1619.9	1614.4
35°	1565.6	1555.7	1507.5	1450.0	1406.0	1378.0	1370.6
37.5°	1424.7	1339.6	1251.0	1164.0	1117.7	1094.2	1053.7
40°	1285.9	1164.5	1072.4	999.2	946.9	904.9	895.1
42.5°	1129.2	1003.9	911.8	849.1	807.4	778.6	766.0
45°	907.4	799.6	723.6	675.4	643.3	622.3	612.9
47.5°	725.8	642.4	586.9	551.3	526.9	508.6	503.5
50°	626.1	559.4	512.5	482.5	464.0	450.0	444.3
52.5°	543.8	490.0	453.9	429.2	411.7	403.0	398.2
55°	448.8	402.3	376.4	356.6	346.7	339.8	336.4
57.5°	367.0	333.4	314.5	300.9	291.8	287.2	285.7
60°	321.2	294.9	277.7	267.0	260.8	255.0	253.4
62.5°	280.7	260.1	246.7	237.3	231.2	228.7	227.8
65°	226.2	212.7	202.8	197.0	192.1	191.3	190.8
67.5°	179.8	171.8	166.7	160.7	158.9	156.1	155.5
70°	153.8	148.5	142.4	140.3	138.2	135.3	135.8
72.5°	130.5	125.2	121.0	118.2	117.5	116.2	117.3
75°	95.5	93.8	92.1	90.1	89.3	89.3	88.9
77.5°	68.1	66.7	64.9	63.7	63.5	61.7	62.3
80°	49.4	47.3	46.5	46.9	45.6	45.2	45.2
82.5°	36.5	35.8	34.9	35.0	34.8	34.4	34.7
85°	20.1	19.7	19.7	19.3	19.3	18.9	18.9
87.5°	9.5	10.0	9.4	9.2	9.3	9.7	10.1
90°	11.3	12.0	12.5	12.9	13.3	13.7	14.1
92.5°	11.3	12.0	12.4	12.6	12.8	13.0	13.2
95°	11.3	12.0	12.4	12.4	12.4	12.4	12.4
97.5°	17.8	14.2	12.4	12.4	12.4	12.4	12.4
100°	43.8	24.4	14.4	13.9	13.4	12.8	12.4
102.5°	119.3	115.6	109.3	100.4	91.6	82.7	73.8
105°	174.9	174.9	174.8	174.8	174.6	174.4	174.4
107.5°	221.5	221.5	221.3	220.9	220.5	220.1	219.8
110°	251.2	250.8	250.7	250.8	251.0	251.1	251.2



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	281.0	280.4	280.1	280.0	279.8	279.6	279.4
115°	326.0	325.4	324.8	324.0	323.2	322.4	321.6
117.5°	369.3	368.6	368.1	367.7	367.4	367.1	366.8
120°	397.8	397.5	397.0	396.4	395.8	395.1	394.4
122.5°	424.5	424.3	423.7	423.0	422.2	421.5	420.7
125°	463.3	462.8	462.3	461.9	461.5	461.2	460.8
127.5°	499.2	499.0	498.4	497.3	496.4	495.4	494.5
130°	522.4	522.0	521.5	520.9	520.2	519.5	518.9
132.5°	544.5	544.4	544.1	543.4	542.7	542.1	541.5
135°	576.2	576.0	575.4	574.6	573.9	573.1	572.3
137.5°	606.3	606.3	606.0	605.3	604.7	604.0	603.3
140°	624.7	625.0	624.7	623.9	623.2	622.4	621.6
142.5°	642.5	642.5	642.1	641.4	640.6	639.8	639.0
145°	667.8	667.9	667.6	666.8	666.0	665.3	664.5
147.5°	689.4	689.6	689.2	688.3	687.4	686.4	685.5
150°	703.4	703.7	703.3	702.2	701.2	700.1	699.1
152.5°	715.6	715.9	715.5	714.5	713.7	712.7	711.8
155°	732.5	732.9	732.6	731.6	730.6	729.5	728.4
157.5°	746.5	746.9	746.6	745.5	744.5	743.5	742.4
160°	755.3	755.7	755.5	754.5	753.4	752.4	751.3
162.5°	763.3	764.1	763.9	762.8	761.6	760.5	759.3
165°	773.6	774.4	774.3	773.2	772.2	771.2	770.1
167.5°	781.5	782.4	782.4	781.2	780.0	778.8	777.6
170°	785.6	786.6	786.6	785.4	784.2	783.0	781.9
172.5°	788.5	789.5	789.3	788.2	787.0	785.8	784.7
175°	792.0	793.1	793.0	791.9	790.7	789.5	788.3
177.5°	793.1	793.8	793.8	792.9	792.1	791.2	790.4
180°	791.9	791.9	791.9	791.9	791.9	791.9	791.9

(END OF REPORT)