

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: P333664-840

Luminaire Tested: **S125RDIW-S610D770U840-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333664-840  
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-S610D770U840-4F0-1E-UDD-A  
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 610 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: 5523.0 lumens  
Efficiency: N/A  
Efficacy: 146.9 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

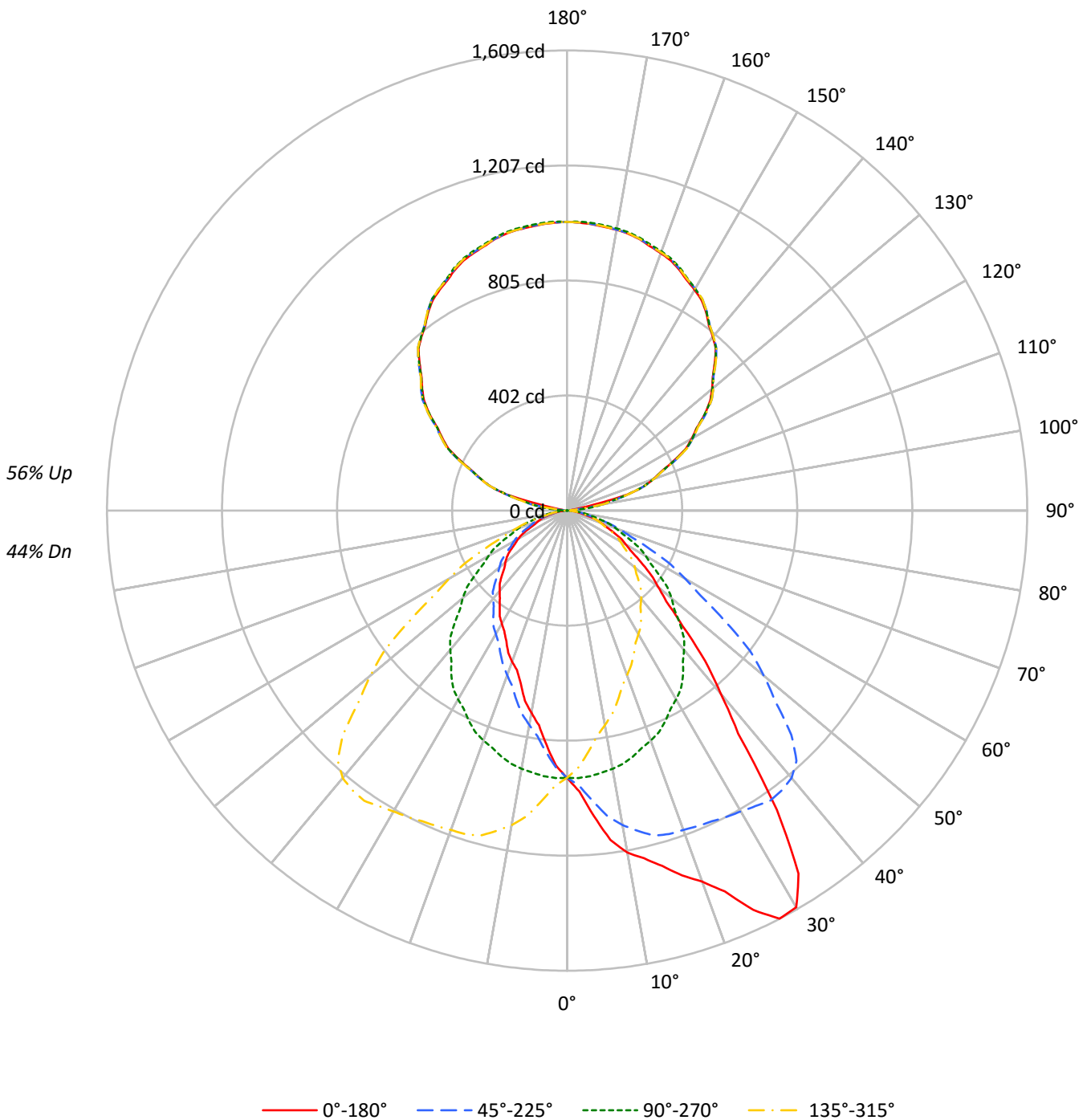
Input Watts (W): 37.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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

RF	20				20				20				20				20	
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	106	106	106	106	97	97	97	97	80	80	80	65	65	65	50	50	50	44
1	97	93	89	86	88	85	82	79	71	68	66	57	56	55	45	44	43	38
2	88	81	75	70	81	75	70	65	62	59	55	51	48	46	40	39	37	32
3	81	72	65	59	74	66	60	55	55	51	47	45	42	39	36	34	32	28
4	74	64	56	50	68	59	52	47	49	44	40	40	37	34	32	30	28	24
5	68	57	49	43	62	52	45	40	44	39	35	36	32	29	29	26	24	21
6	63	51	43	37	57	47	40	35	40	34	30	33	29	26	26	24	21	18
7	58	46	38	33	53	43	36	31	36	31	27	30	26	23	24	21	19	16
8	54	42	34	29	49	39	32	27	33	28	24	27	23	20	22	19	17	15
9	50	38	31	26	46	35	29	24	30	25	21	25	21	18	21	18	15	13
10	47	35	28	23	43	32	26	22	28	23	19	23	19	17	19	16	14	12

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

	0°	90°	180°	270°
0°	6035	6035	6035	6035
5°	6944	6043	5337	6043
10°	7965	6013	4709	6013
15°	8603	5951	4186	5951
20°	9487	5880	3865	5880
25°	10979	5784	3587	5784
30°	11946	5684	3404	5684
35°	10078	5568	3236	5568
40°	7038	5359	3092	5359
45°	5221	5076	2951	5076
50°	4163	4784	2829	4784
55°	3533	4418	2721	4418
60°	3052	4093	2547	4093
65°	2720	3741	2193	3741
70°	2391	3427	1998	3427
75°	2069	2969	1876	2969
80°	1570	2499	1570	2499
85°	1312	1964	1482	1964



TEST NUMBER: P333664-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	89.6	1.6
10°-20°	262.6	4.8
20°-30°	416.4	7.5
30°-40°	502.1	9.1
40°-50°	448.4	8.1
50°-60°	343.9	6.2
60°-70°	223.5	4.0
70°-80°	108.6	2.0
80°-90°	28.0	0.5
90°-100°	36.7	0.7
100°-110°	226.1	4.1
110°-120°	410.0	7.4
120°-130°	526.2	9.5
130°-140°	566.0	10.2
140°-150°	531.3	9.6
150°-160°	429.7	7.8
160°-170°	277.9	5.0
170°-180°	95.9	1.7
0°-30°	768.6	13.9
0°-40°	1270.8	23.0
0°-60°	2063.1	37.4
0°-90°	2423.2	43.9
90°-120°	672.8	12.2
90°-150°	2296.2	41.6
90°-180°	3100.0	56.1
0°-180°	5523.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	934	934	934	934	934	
5°	1071	932	823	932	1071	107
15°	1287	890	626	890	1287	369
25°	1541	812	503	812	1541	707
35°	1278	706	410	706	1278	772
45°	572	556	323	556	572	456
55°	314	392	242	392	314	285
65°	178	245	144	245	178	177
75°	83	119	75	119	83	88
85°	18	26	20	26	18	21
90°	18	1	18	1	18	9
95°	16	43	16	43	16	13
105°	222	220	222	220	222	201
115°	410	413	410	413	410	407
125°	587	587	587	587	587	523
135°	730	733	730	733	730	563
145°	847	849	847	849	847	529
155°	929	935	929	935	929	428
165°	982	987	982	987	982	277
175°	1005	1010	1005	1010	1005	96
180°	1010	1010	1010	1010	1010	



TEST NUMBER: P333664-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	934.5	934.5	934.5	934.5	934.5	934.5	934.5	934.5	934.5	934.5	934.5
2.5°	983.0	982.4	983.6	980.2	980.6	975.3	975.3	971.3	966.1	962.1	960.3
5°	1071.1	1071.9	1070.3	1064.5	1060.7	1054.9	1048.4	1036.9	1027.3	1018.1	1010.9
7.5°	1161.7	1162.3	1157.2	1155.5	1145.8	1138.7	1124.3	1108.6	1094.7	1077.0	1063.6
10°	1214.6	1214.2	1208.8	1204.6	1196.1	1185.4	1171.1	1152.8	1135.5	1116.3	1097.9
12.5°	1245.3	1244.3	1242.5	1237.4	1229.6	1220.0	1208.0	1189.9	1168.6	1147.6	1126.2
15°	1286.7	1283.9	1279.0	1272.4	1261.3	1250.2	1236.8	1220.7	1200.3	1176.6	1156.6
17.5°	1337.9	1338.0	1330.3	1321.3	1306.2	1286.5	1265.8	1239.8	1212.1	1186.0	1164.8
20°	1380.3	1379.1	1371.4	1353.8	1336.6	1312.0	1288.2	1256.4	1222.6	1188.4	1162.0
22.5°	1441.0	1438.0	1430.1	1406.8	1380.1	1348.5	1312.1	1273.2	1232.4	1193.7	1158.9
25°	1540.7	1538.3	1522.6	1495.7	1458.1	1409.4	1361.8	1308.5	1249.8	1198.8	1156.6
27.5°	1608.7	1606.2	1594.6	1572.3	1537.5	1486.3	1421.9	1350.7	1277.4	1207.2	1146.3
30°	1601.9	1607.7	1606.2	1595.9	1569.7	1523.7	1464.3	1384.1	1297.0	1214.6	1142.1
32.5°	1505.6	1510.8	1524.3	1544.6	1546.1	1527.7	1483.3	1409.3	1319.1	1225.3	1138.6
35°	1278.2	1285.2	1311.2	1352.2	1405.9	1450.9	1460.1	1420.2	1339.2	1238.3	1133.6
37.5°	982.7	1020.5	1042.4	1085.6	1166.7	1249.3	1328.7	1358.0	1323.5	1232.9	1125.4
40°	834.8	843.9	883.1	931.8	1000.1	1086.0	1199.2	1280.9	1283.5	1220.7	1112.5
42.5°	714.5	726.1	753.0	791.8	850.3	936.2	1053.1	1160.9	1210.8	1186.9	1095.6
45°	571.6	580.4	600.0	629.9	674.8	745.8	846.3	971.0	1070.0	1108.6	1050.4
47.5°	469.6	474.3	491.3	514.1	547.3	599.1	676.8	785.1	903.8	987.0	978.9
50°	414.3	419.7	432.7	450.0	478.0	521.7	583.9	674.0	796.4	898.1	918.4
52.5°	371.3	375.8	384.0	400.3	423.3	457.0	507.2	588.8	698.8	806.9	853.9
55°	313.8	316.9	323.4	332.5	351.0	375.2	418.5	474.9	563.9	672.9	741.9
57.5°	266.4	267.9	272.1	280.5	293.3	310.9	342.2	390.1	453.9	552.0	628.2
60°	236.3	237.8	243.2	248.9	258.9	275.1	299.6	333.0	394.4	475.3	552.4
62.5°	212.4	213.3	215.6	221.4	230.0	242.6	261.9	289.1	337.9	409.0	481.8
65°	178.0	178.3	179.2	183.8	189.1	198.3	211.0	230.1	267.0	320.7	385.2
67.5°	145.0	145.5	148.2	149.9	155.4	160.3	167.7	182.4	208.3	244.5	294.6
70°	126.6	126.2	128.9	130.8	132.7	138.5	143.5	155.3	171.5	199.1	241.0
72.5°	109.4	108.5	109.6	110.3	112.8	116.7	121.7	129.0	141.4	160.5	192.4
75°	82.9	83.2	83.2	84.0	85.9	87.5	89.0	92.8	99.8	112.4	129.7
77.5°	58.2	57.6	59.2	59.4	60.5	62.2	63.5	65.0	67.9	73.1	82.0
80°	42.2	42.2	42.6	43.7	43.3	44.1	46.0	47.6	51.0	54.1	57.2
82.5°	32.4	32.1	32.4	32.7	32.6	33.3	34.0	34.3	35.6	37.2	39.4
85°	17.7	17.7	18.1	18.1	18.4	18.4	18.8	18.8	18.8	19.2	19.6
87.5°	10.3	9.9	9.5	9.4	9.6	10.1	9.7	9.2	9.0	8.9	8.9
90°	18.0	17.5	17.0	16.5	16.0	15.2	14.4	13.6	12.8	12.0	10.8
92.5°	16.8	16.6	16.3	16.1	15.9	15.2	14.4	13.6	12.8	12.0	10.9
95°	15.8	15.8	15.8	15.8	15.8	15.2	14.4	13.6	12.8	12.0	18.3
97.5°	15.8	15.8	15.8	15.8	15.8	18.1	22.7	27.5	32.1	36.9	49.3
100°	15.8	16.4	17.1	17.7	18.4	31.1	55.8	80.7	105.4	130.2	129.6
102.5°	94.1	105.4	116.7	128.1	139.4	147.3	152.1	156.7	161.5	166.1	165.7
105°	222.3	222.4	222.6	222.8	222.9	223.0	223.0	223.0	223.0	223.0	223.0
107.5°	280.1	280.6	281.1	281.7	282.2	282.4	282.4	282.4	282.3	282.3	282.0
110°	320.2	320.1	319.9	319.7	319.6	319.7	320.2	320.7	321.2	321.7	321.4



TEST NUMBER: P333664-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	356.2	356.4	356.7	356.9	357.1	357.5	358.2	358.8	359.4	360.1	359.9
115°	410.0	411.0	412.0	413.0	414.0	414.9	415.6	416.2	416.9	417.6	417.4
117.5°	467.6	468.0	468.4	468.8	469.3	469.9	470.8	471.6	472.5	473.3	472.7
120°	502.8	503.7	504.5	505.3	506.1	506.8	507.1	507.5	507.8	508.1	507.6
122.5°	536.3	537.3	538.3	539.3	540.2	540.9	541.2	541.5	541.9	542.2	542.0
125°	587.4	587.9	588.3	588.9	589.4	590.0	590.7	591.3	592.0	592.6	592.6
127.5°	630.4	631.6	632.8	634.0	635.3	636.1	636.4	636.8	637.1	637.5	637.6
130°	661.5	662.3	663.2	664.0	664.8	665.5	666.0	666.5	666.9	667.4	667.3
132.5°	690.2	691.1	691.9	692.7	693.6	694.0	694.1	694.2	694.3	694.4	694.8
135°	729.5	730.5	731.5	732.6	733.6	734.3	734.6	734.9	735.2	735.6	735.9
137.5°	769.1	769.9	770.8	771.6	772.5	773.0	772.8	772.8	772.7	772.6	773.0
140°	792.4	793.5	794.5	795.4	796.4	796.8	796.4	796.1	795.8	795.4	795.6
142.5°	814.6	815.6	816.6	817.6	818.6	819.0	819.0	818.9	818.8	818.8	818.5
145°	847.1	848.1	849.0	850.0	851.0	851.4	851.3	851.1	850.9	850.8	850.8
147.5°	873.8	875.0	876.3	877.5	878.6	879.1	878.9	878.7	878.5	878.3	878.1
150°	891.2	892.5	893.8	895.1	896.6	897.1	896.7	896.4	896.1	895.6	895.3
152.5°	907.4	908.6	909.8	910.9	912.1	912.6	912.2	911.9	911.6	911.2	910.9
155°	928.6	930.0	931.3	932.6	933.9	934.3	933.8	933.3	932.8	932.3	932.0
157.5°	946.4	947.8	949.1	950.4	951.7	952.1	951.6	951.1	950.6	950.0	950.0
160°	957.8	959.2	960.5	961.8	963.1	963.4	962.8	962.1	961.5	960.8	960.6
162.5°	968.0	969.5	970.9	972.4	973.8	974.1	973.1	972.2	971.3	970.4	970.2
165°	981.7	983.1	984.4	985.7	987.0	987.2	986.2	985.2	984.2	983.2	983.1
167.5°	991.3	992.8	994.3	995.8	997.3	997.4	996.2	995.0	993.8	992.7	992.5
170°	996.7	998.2	999.7	1001.2	1002.7	1002.8	1001.5	1000.1	998.8	997.4	997.2
172.5°	1000.3	1001.8	1003.3	1004.8	1006.2	1006.4	1005.2	1004.0	1002.8	1001.7	1001.4
175°	1004.9	1006.4	1007.9	1009.5	1010.9	1011.0	1009.7	1008.4	1007.0	1005.7	1005.5
177.5°	1007.6	1008.7	1009.8	1010.8	1011.9	1012.0	1011.0	1010.1	1009.2	1008.2	1008.0
180°	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5



TEST NUMBER: P333664-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	934.5	934.5	934.5	934.5	934.5	934.5	934.5	934.5	934.5	934.5	934.5
2.5°	960.3	958.2	954.1	950.5	945.8	941.9	939.1	935.7	931.4	926.2	921.9
5°	1002.8	994.3	983.2	973.6	961.4	951.8	941.8	932.2	922.6	910.3	899.6
7.5°	1049.9	1032.5	1015.5	994.2	974.8	957.6	941.0	924.2	907.8	890.4	873.5
10°	1078.7	1057.6	1034.2	1007.3	982.8	959.5	938.0	916.9	894.6	875.0	853.9
12.5°	1105.7	1078.5	1051.8	1017.8	988.4	959.8	932.4	906.2	882.3	857.0	834.2
15°	1130.1	1103.3	1073.4	1032.0	990.9	956.3	924.1	890.0	860.5	832.0	806.8
17.5°	1139.5	1111.5	1076.6	1036.8	992.0	948.6	907.1	869.6	834.9	801.7	773.3
20°	1135.9	1108.6	1073.0	1035.0	987.0	941.8	896.9	855.5	816.7	781.8	751.5
22.5°	1127.0	1098.8	1064.4	1024.3	978.8	930.7	882.8	838.6	798.0	761.8	728.8
25°	1113.7	1075.3	1040.0	1000.9	957.6	910.0	860.5	811.7	768.4	731.5	695.5
27.5°	1099.7	1051.9	1007.0	968.1	922.3	879.9	832.1	782.2	736.6	699.1	662.2
30°	1087.2	1033.5	984.0	939.9	896.6	856.3	810.9	762.2	715.5	676.7	639.1
32.5°	1071.6	1014.4	960.1	909.2	867.4	827.4	786.4	739.8	694.3	654.3	616.1
35°	1051.9	979.0	919.9	865.9	819.4	780.6	743.9	706.2	660.6	619.1	582.0
37.5°	1026.1	943.4	875.0	816.1	767.2	728.2	699.2	664.8	623.2	583.5	549.0
40°	1010.5	917.7	842.8	784.5	733.1	692.1	664.8	635.6	597.6	560.5	525.9
42.5°	989.6	894.0	810.3	749.5	697.8	658.3	630.8	605.3	573.4	538.4	501.4
45°	948.7	848.2	760.3	695.1	643.0	604.2	578.5	555.8	531.7	499.5	467.3
47.5°	895.4	800.4	708.4	637.2	586.1	550.2	525.2	507.4	490.1	462.7	431.4
50°	852.8	761.1	671.4	602.3	547.9	513.6	490.3	476.1	460.3	435.5	409.3
52.5°	802.4	720.6	632.7	562.1	510.7	478.7	456.2	442.0	429.0	408.7	383.8
55°	723.2	651.4	570.8	506.8	459.6	427.4	405.9	392.4	384.8	367.5	347.9
57.5°	631.6	580.2	509.2	447.4	405.7	373.8	358.1	346.7	338.0	325.8	311.9
60°	567.7	531.7	468.0	409.3	370.9	340.6	326.5	316.9	308.8	298.4	287.7
62.5°	503.0	476.8	421.4	370.9	335.7	310.2	297.0	288.3	279.0	272.1	261.7
65°	416.3	392.8	354.5	315.0	282.4	262.1	252.5	244.8	239.0	231.4	224.0
67.5°	323.8	314.3	287.8	260.5	237.1	219.0	210.8	205.4	198.4	193.9	188.8
70°	267.0	262.4	243.6	225.6	203.7	191.5	183.8	181.5	173.0	168.4	164.9
72.5°	216.7	214.5	203.7	191.2	175.8	165.0	157.9	155.3	150.0	146.3	144.1
75°	148.5	149.3	147.3	139.3	133.5	126.6	120.5	119.0	115.1	112.0	110.1
77.5°	93.9	97.9	98.0	97.6	95.3	91.1	88.6	87.4	83.6	82.5	82.0
80°	64.4	68.7	72.5	72.1	71.4	70.2	68.3	67.2	65.2	64.0	63.3
82.5°	42.9	46.9	50.1	52.2	52.0	50.9	49.6	49.0	48.7	47.8	47.7
85°	20.3	21.1	22.2	24.9	26.9	27.3	26.9	26.5	25.3	25.8	26.1
87.5°	9.0	8.8	8.8	8.6	8.0	9.3	9.9	10.0	9.6	9.3	8.9
90°	9.7	8.5	7.3	6.1	4.7	3.4	2.1	0.7	2.1	3.4	4.7
92.5°	9.9	8.9	7.9	7.8	8.7	9.7	10.6	11.5	10.6	9.7	8.7
95°	24.6	30.9	37.3	40.7	41.2	41.6	42.1	42.6	42.1	41.6	41.2
97.5°	61.8	74.3	86.8	92.6	91.7	90.9	90.0	89.1	90.0	90.9	91.7
100°	128.9	128.3	127.5	126.9	126.4	125.9	125.4	124.9	125.4	125.9	126.4
102.5°	165.3	164.9	164.5	164.0	163.4	162.8	162.1	161.5	162.1	162.8	163.4
105°	223.0	223.0	223.0	222.7	222.0	221.4	220.7	219.9	220.7	221.4	222.0
107.5°	281.6	281.2	280.9	280.7	280.7	280.7	280.7	280.7	280.7	280.7	280.7
110°	321.1	320.7	320.4	320.2	320.2	320.2	320.2	320.2	320.2	320.2	320.2





TEST NUMBER: P333664-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	359.7	359.5	359.3	359.0	358.6	358.2	357.8	357.4	357.8	358.2	358.6
115°	417.2	417.1	416.9	416.4	415.6	414.8	413.8	413.0	413.8	414.8	415.6
117.5°	472.1	471.5	470.8	470.5	470.6	470.6	470.6	470.7	470.6	470.6	470.6
120°	507.1	506.5	506.0	505.9	506.0	506.2	506.4	506.5	506.4	506.2	506.0
122.5°	541.7	541.5	541.3	540.9	540.2	539.6	539.0	538.3	539.0	539.6	540.2
125°	592.6	592.6	592.6	592.1	590.9	589.8	588.5	587.4	588.5	589.8	590.9
127.5°	637.7	637.8	637.9	637.5	636.7	635.9	635.1	634.2	635.1	635.9	636.7
130°	667.1	666.9	666.8	666.3	665.5	664.6	663.8	663.0	663.8	664.6	665.5
132.5°	695.1	695.5	695.9	695.6	694.6	693.7	692.7	691.7	692.7	693.7	694.6
135°	736.2	736.6	736.9	736.6	735.6	734.6	733.6	732.6	733.6	734.6	735.6
137.5°	773.3	773.6	773.9	773.6	772.7	771.8	771.0	770.1	771.0	771.8	772.7
140°	795.8	795.9	796.1	796.0	795.7	795.4	795.0	794.7	795.0	795.4	795.7
142.5°	818.3	818.1	817.8	817.6	817.4	817.2	817.0	816.8	817.0	817.2	817.4
145°	850.8	850.8	850.8	850.6	850.3	850.0	849.6	849.3	849.6	850.0	850.3
147.5°	877.9	877.8	877.6	877.5	877.6	877.6	877.7	877.8	877.7	877.6	877.6
150°	895.0	894.6	894.3	894.3	894.6	895.0	895.3	895.6	895.3	895.0	894.6
152.5°	910.6	910.3	909.9	910.1	910.9	911.6	912.3	913.0	912.3	911.6	910.9
155°	931.7	931.4	931.0	931.4	932.3	933.3	934.3	935.3	934.3	933.3	932.3
157.5°	950.0	949.9	949.9	950.2	950.8	951.4	952.0	952.5	952.0	951.4	950.8
160°	960.5	960.3	960.1	960.6	961.5	962.5	963.5	964.5	963.5	962.5	961.5
162.5°	970.1	969.9	969.7	970.1	971.1	972.1	973.1	974.1	973.1	972.1	971.1
165°	982.9	982.7	982.6	983.0	984.0	985.0	985.9	986.9	985.9	985.0	984.0
167.5°	992.3	992.2	992.0	992.4	993.5	994.5	995.5	996.5	995.5	994.5	993.5
170°	997.1	996.9	996.7	997.2	998.5	999.6	1000.8	1002.0	1000.8	999.6	998.5
172.5°	1001.1	1000.8	1000.5	1000.9	1002.0	1003.2	1004.4	1005.5	1004.4	1003.2	1002.0
175°	1005.3	1005.2	1005.0	1005.4	1006.4	1007.4	1008.5	1009.5	1008.5	1007.4	1006.4
177.5°	1007.9	1007.8	1007.6	1008.0	1008.9	1009.7	1010.4	1011.2	1010.4	1009.7	1008.9
180°	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5



TEST NUMBER: P333664-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	934.5	934.5	934.5	934.5	934.5	934.5	934.5	934.5	934.5	934.5	934.5
2.5°	918.9	914.5	911.5	905.3	901.0	899.2	895.9	894.9	898.3	895.9	895.5
5°	891.5	880.4	871.6	862.7	853.1	847.1	837.8	836.3	833.9	830.5	829.8
7.5°	858.8	844.2	832.9	818.3	805.7	795.5	784.0	778.5	775.5	771.0	765.1
10°	836.7	819.4	804.1	789.5	773.8	761.1	749.6	740.7	735.0	729.6	727.3
12.5°	814.9	797.3	777.7	760.0	742.5	728.2	715.5	709.7	703.4	697.1	691.8
15°	781.0	757.6	736.2	715.8	700.8	685.5	673.3	664.8	655.2	652.6	642.2
17.5°	745.2	722.2	697.0	675.6	658.3	641.4	627.9	618.3	611.1	601.2	596.4
20°	722.8	695.5	671.0	651.4	632.2	612.3	598.4	590.4	583.5	575.4	571.6
22.5°	698.8	672.2	647.0	624.1	604.6	584.9	575.1	566.7	559.0	551.5	546.4
25°	663.7	636.8	610.4	586.5	566.2	552.0	540.5	530.9	526.7	519.4	514.0
27.5°	628.9	600.4	572.9	549.2	533.2	519.2	509.8	502.2	494.5	488.2	483.5
30°	606.5	577.3	547.4	528.7	511.7	498.4	488.0	480.7	474.9	469.2	465.7
32.5°	584.1	554.0	527.5	507.2	491.2	479.6	469.0	461.9	455.9	449.5	445.5
35°	548.2	517.5	496.0	476.1	460.3	449.6	442.3	432.3	427.4	422.7	418.5
37.5°	514.8	486.3	463.0	445.6	431.9	421.2	411.8	406.4	400.3	396.2	392.6
40°	490.3	464.1	443.1	424.6	414.7	402.8	393.9	387.1	382.4	377.1	373.2
42.5°	468.2	443.9	423.4	406.9	394.5	384.4	375.9	369.0	363.1	359.3	356.1
45°	437.0	412.7	392.8	377.5	366.0	356.4	347.6	344.1	336.4	331.8	330.3
47.5°	404.7	383.0	363.8	349.6	337.8	328.7	320.4	313.5	309.2	304.7	302.3
50°	382.8	362.1	344.1	330.3	318.8	308.8	301.1	296.5	290.7	286.6	283.5
52.5°	361.0	341.8	323.9	310.6	300.6	290.7	282.2	277.5	272.1	269.3	267.2
55°	329.9	309.6	294.3	281.1	270.8	261.7	253.6	248.9	245.5	242.9	242.1
57.5°	294.6	278.5	264.3	252.5	241.8	233.1	226.0	221.7	218.6	218.2	215.9
60°	271.6	257.0	244.0	231.4	222.1	214.1	207.9	203.0	199.9	199.4	198.7
62.5°	248.6	234.6	222.5	211.4	203.1	195.3	189.6	183.9	182.1	180.2	178.4
65°	214.4	201.8	191.8	183.0	174.2	167.6	161.9	158.4	154.2	151.9	147.7
67.5°	180.9	171.1	161.5	154.1	147.1	141.0	136.2	131.1	128.3	126.3	123.3
70°	158.9	151.2	141.6	133.5	128.2	123.1	119.3	113.5	111.6	110.1	108.6
72.5°	137.9	131.2	123.1	116.6	111.3	106.5	102.1	99.5	97.6	95.9	95.0
75°	108.6	102.0	95.1	90.5	86.7	82.9	80.6	78.7	77.9	77.5	75.9
77.5°	79.7	76.2	70.7	67.1	64.5	63.0	60.9	59.9	59.9	58.2	57.7
80°	61.0	59.1	54.4	52.9	51.0	49.5	48.4	46.5	44.5	43.7	42.6
82.5°	45.3	43.4	41.6	39.1	37.6	36.6	35.4	34.7	34.9	33.9	33.3
85°	24.1	22.2	21.5	21.1	20.3	21.1	20.7	20.3	20.0	19.6	20.0
87.5°	8.9	9.1	9.1	9.9	9.2	9.8	9.9	9.8	10.0	10.1	9.9
90°	6.1	7.3	8.5	9.7	10.8	12.0	12.8	13.6	14.4	15.2	16.0
92.5°	7.8	7.9	8.9	9.9	10.9	12.0	12.8	13.6	14.4	15.2	15.9
95°	40.7	37.3	30.9	24.6	18.3	12.0	12.8	13.6	14.4	15.2	15.8
97.5°	92.6	86.8	74.3	61.8	49.3	36.9	32.1	27.5	22.7	18.1	15.8
100°	126.9	127.5	128.3	128.9	129.6	130.2	105.4	80.7	55.8	31.1	18.4
102.5°	164.0	164.5	164.9	165.3	165.7	166.1	161.5	156.7	152.1	147.3	139.4
105°	222.7	223.0	223.0	223.0	223.0	223.0	223.0	223.0	223.0	223.0	222.9
107.5°	280.7	280.9	281.2	281.6	282.0	282.3	282.3	282.4	282.4	282.4	282.2
110°	320.2	320.4	320.7	321.1	321.4	321.7	321.2	320.7	320.2	319.7	319.6



TEST NUMBER: P333664-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	359.0	359.3	359.5	359.7	359.9	360.1	359.4	358.8	358.2	357.5	357.1
115°	416.4	416.9	417.1	417.2	417.4	417.6	416.9	416.2	415.6	414.9	414.0
117.5°	470.5	470.8	471.5	472.1	472.7	473.3	472.5	471.6	470.8	469.9	469.3
120°	505.9	506.0	506.5	507.1	507.6	508.1	507.8	507.5	507.1	506.8	506.1
122.5°	540.9	541.3	541.5	541.7	542.0	542.2	541.9	541.5	541.2	540.9	540.2
125°	592.1	592.6	592.6	592.6	592.6	592.6	592.0	591.3	590.7	590.0	589.4
127.5°	637.5	637.9	637.8	637.7	637.6	637.5	637.1	636.8	636.4	636.1	635.3
130°	666.3	666.8	666.9	667.1	667.3	667.4	666.9	666.5	666.0	665.5	664.8
132.5°	695.6	695.9	695.5	695.1	694.8	694.4	694.3	694.2	694.1	694.0	693.6
135°	736.6	736.9	736.6	736.2	735.9	735.6	735.2	734.9	734.6	734.3	733.6
137.5°	773.6	773.9	773.6	773.3	773.0	772.6	772.7	772.8	772.8	773.0	772.5
140°	796.0	796.1	795.9	795.8	795.6	795.4	795.8	796.1	796.4	796.8	796.4
142.5°	817.6	817.8	818.1	818.3	818.5	818.8	818.8	818.9	819.0	819.0	818.6
145°	850.6	850.8	850.8	850.8	850.8	850.8	850.9	851.1	851.3	851.4	851.0
147.5°	877.5	877.6	877.8	877.9	878.1	878.3	878.5	878.7	878.9	879.1	878.6
150°	894.3	894.3	894.6	895.0	895.3	895.6	896.1	896.4	896.7	897.1	896.6
152.5°	910.1	909.9	910.3	910.6	910.9	911.2	911.6	911.9	912.2	912.6	912.1
155°	931.4	931.0	931.4	931.7	932.0	932.3	932.8	933.3	933.8	934.3	933.9
157.5°	950.2	949.9	949.9	950.0	950.0	950.0	950.6	951.1	951.6	952.1	951.7
160°	960.6	960.1	960.3	960.5	960.6	960.8	961.5	962.1	962.8	963.4	963.1
162.5°	970.1	969.7	969.9	970.1	970.2	970.4	971.3	972.2	973.1	974.1	973.8
165°	983.0	982.6	982.7	982.9	983.1	983.2	984.2	985.2	986.2	987.2	987.0
167.5°	992.4	992.0	992.2	992.3	992.5	992.7	993.8	995.0	996.2	997.4	997.3
170°	997.2	996.7	996.9	997.1	997.2	997.4	998.8	1000.1	1001.5	1002.8	1002.7
172.5°	1000.9	1000.5	1000.8	1001.1	1001.4	1001.7	1002.8	1004.0	1005.2	1006.4	1006.2
175°	1005.4	1005.0	1005.2	1005.3	1005.5	1005.7	1007.0	1008.4	1009.7	1011.0	1010.9
177.5°	1008.0	1007.6	1007.8	1007.9	1008.0	1008.2	1009.2	1010.1	1011.0	1012.0	1011.9
180°	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5



TEST NUMBER: P333664-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	934.5	934.5	934.5	934.5	934.5	934.5	934.5	934.5	934.5	934.5	934.5
2.5°	895.2	891.8	890.9	892.1	890.9	891.8	895.2	895.5	895.9	898.3	894.9
5°	826.0	822.1	824.0	823.2	824.0	822.1	826.0	829.8	830.5	833.9	836.3
7.5°	765.0	760.2	755.2	756.8	755.2	760.2	765.0	765.1	771.0	775.5	778.5
10°	722.4	718.5	716.2	718.1	716.2	718.5	722.4	727.3	729.6	735.0	740.7
12.5°	686.4	684.2	682.2	681.4	682.2	684.2	686.4	691.8	697.1	703.4	709.7
15°	637.5	633.0	631.1	626.1	631.1	633.0	637.5	642.2	652.6	655.2	664.8
17.5°	592.5	591.0	586.0	583.9	586.0	591.0	592.5	596.4	601.2	611.1	618.3
20°	565.8	564.3	559.4	562.4	559.4	564.3	565.8	571.6	575.4	583.5	590.4
22.5°	543.7	540.4	538.8	537.9	538.8	540.4	543.7	546.4	551.5	559.0	566.7
25°	512.5	507.6	505.6	503.3	505.6	507.6	512.5	514.0	519.4	526.7	530.9
27.5°	481.4	478.7	476.2	475.5	476.2	478.7	481.4	483.5	488.2	494.5	502.2
30°	461.1	458.4	456.5	456.5	456.5	458.4	461.1	465.7	469.2	474.9	480.7
32.5°	443.0	440.9	439.0	438.7	439.0	440.9	443.0	445.5	449.5	455.9	461.9
35°	416.6	413.5	412.7	410.5	412.7	413.5	416.6	418.5	422.7	427.4	432.3
37.5°	389.2	386.7	386.6	386.4	386.6	386.7	389.2	392.6	396.2	400.3	406.4
40°	371.7	369.8	369.4	366.8	369.4	369.8	371.7	373.2	377.1	382.4	387.1
42.5°	353.0	352.0	350.7	349.5	350.7	352.0	353.0	356.1	359.3	363.1	369.0
45°	327.6	325.0	325.0	323.1	325.0	325.0	327.6	330.3	331.8	336.4	344.1
47.5°	301.3	299.3	299.5	297.5	299.5	299.3	301.3	302.3	304.7	309.2	313.5
50°	283.9	282.8	282.4	281.6	282.4	282.8	283.9	283.5	286.6	290.7	296.5
52.5°	266.4	265.9	267.3	265.6	267.3	265.9	266.4	267.2	269.3	272.1	277.5
55°	242.9	241.7	244.0	241.7	244.0	241.7	242.9	242.1	242.9	245.5	248.9
57.5°	215.7	214.7	216.7	215.6	216.7	214.7	215.7	215.9	218.2	218.6	221.7
60°	197.9	195.6	196.8	197.2	196.8	195.6	197.9	198.7	199.4	199.9	203.0
62.5°	176.7	175.4	176.2	174.5	176.2	175.4	176.7	178.4	180.2	182.1	183.9
65°	146.9	145.8	144.2	143.5	144.2	145.8	146.9	147.7	151.9	154.2	158.4
67.5°	123.4	120.7	120.6	121.2	120.6	120.7	123.4	123.3	126.3	128.3	131.1
70°	106.2	106.2	105.8	105.8	105.8	106.2	106.2	108.6	110.1	111.6	113.5
72.5°	94.3	94.0	93.3	93.0	93.3	94.0	94.3	95.0	95.9	97.6	99.5
75°	75.9	76.3	75.5	75.2	75.5	76.3	75.9	75.9	77.5	77.9	78.7
77.5°	56.0	54.4	55.3	54.4	55.3	54.4	56.0	57.7	58.2	59.9	59.9
80°	42.6	42.2	43.3	42.2	43.3	42.2	42.6	42.6	43.7	44.5	46.5
82.5°	33.7	33.3	33.8	33.0	33.8	33.3	33.7	33.3	33.9	34.9	34.7
85°	20.3	20.0	19.6	20.0	19.6	20.0	20.3	20.0	19.6	20.0	20.3
87.5°	10.3	10.1	10.2	10.3	10.2	10.1	10.3	9.9	10.1	10.0	9.8
90°	16.5	17.0	17.5	18.0	17.5	17.0	16.5	16.0	15.2	14.4	13.6
92.5°	16.1	16.3	16.6	16.8	16.6	16.3	16.1	15.9	15.2	14.4	13.6
95°	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.2	14.4	13.6
97.5°	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	18.1	22.7	27.5
100°	17.7	17.1	16.4	15.8	16.4	17.1	17.7	18.4	31.1	55.8	80.7
102.5°	128.1	116.7	105.4	94.1	105.4	116.7	128.1	139.4	147.3	152.1	156.7
105°	222.8	222.6	222.4	222.3	222.4	222.6	222.8	222.9	223.0	223.0	223.0
107.5°	281.7	281.1	280.6	280.1	280.6	281.1	281.7	282.2	282.4	282.4	282.4
110°	319.7	319.9	320.1	320.2	320.1	319.9	319.7	319.6	319.7	320.2	320.7



TEST NUMBER: P333664-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	356.9	356.7	356.4	356.2	356.4	356.7	356.9	357.1	357.5	358.2	358.8
115°	413.0	412.0	411.0	410.0	411.0	412.0	413.0	414.0	414.9	415.6	416.2
117.5°	468.8	468.4	468.0	467.6	468.0	468.4	468.8	469.3	469.9	470.8	471.6
120°	505.3	504.5	503.7	502.8	503.7	504.5	505.3	506.1	506.8	507.1	507.5
122.5°	539.3	538.3	537.3	536.3	537.3	538.3	539.3	540.2	540.9	541.2	541.5
125°	588.9	588.3	587.9	587.4	587.9	588.3	588.9	589.4	590.0	590.7	591.3
127.5°	634.0	632.8	631.6	630.4	631.6	632.8	634.0	635.3	636.1	636.4	636.8
130°	664.0	663.2	662.3	661.5	662.3	663.2	664.0	664.8	665.5	666.0	666.5
132.5°	692.7	691.9	691.1	690.2	691.1	691.9	692.7	693.6	694.0	694.1	694.2
135°	732.6	731.5	730.5	729.5	730.5	731.5	732.6	733.6	734.3	734.6	734.9
137.5°	771.6	770.8	769.9	769.1	769.9	770.8	771.6	772.5	773.0	772.8	772.8
140°	795.4	794.5	793.5	792.4	793.5	794.5	795.4	796.4	796.8	796.4	796.1
142.5°	817.6	816.6	815.6	814.6	815.6	816.6	817.6	818.6	819.0	819.0	818.9
145°	850.0	849.0	848.1	847.1	848.1	849.0	850.0	851.0	851.4	851.3	851.1
147.5°	877.5	876.3	875.0	873.8	875.0	876.3	877.5	878.6	879.1	878.9	878.7
150°	895.1	893.8	892.5	891.2	892.5	893.8	895.1	896.6	897.1	896.7	896.4
152.5°	910.9	909.8	908.6	907.4	908.6	909.8	910.9	912.1	912.6	912.2	911.9
155°	932.6	931.3	930.0	928.6	930.0	931.3	932.6	933.9	934.3	933.8	933.3
157.5°	950.4	949.1	947.8	946.4	947.8	949.1	950.4	951.7	952.1	951.6	951.1
160°	961.8	960.5	959.2	957.8	959.2	960.5	961.8	963.1	963.4	962.8	962.1
162.5°	972.4	970.9	969.5	968.0	969.5	970.9	972.4	973.8	974.1	973.1	972.2
165°	985.7	984.4	983.1	981.7	983.1	984.4	985.7	987.0	987.2	986.2	985.2
167.5°	995.8	994.3	992.8	991.3	992.8	994.3	995.8	997.3	997.4	996.2	995.0
170°	1001.2	999.7	998.2	996.7	998.2	999.7	1001.2	1002.7	1002.8	1001.5	1000.1
172.5°	1004.8	1003.3	1001.8	1000.3	1001.8	1003.3	1004.8	1006.2	1006.4	1005.2	1004.0
175°	1009.5	1007.9	1006.4	1004.9	1006.4	1007.9	1009.5	1010.9	1011.0	1009.7	1008.4
177.5°	1010.8	1009.8	1008.7	1007.6	1008.7	1009.8	1010.8	1011.9	1012.0	1011.0	1010.1
180°	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5



TEST NUMBER: P333664-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	934.5	934.5	934.5	934.5	934.5	934.5	934.5	934.5	934.5	934.5	934.5
2.5°	895.9	899.2	901.0	905.3	911.5	914.5	918.9	921.9	926.2	931.4	935.7
5°	837.8	847.1	853.1	862.7	871.6	880.4	891.5	899.6	910.3	922.6	932.2
7.5°	784.0	795.5	805.7	818.3	832.9	844.2	858.8	873.5	890.4	907.8	924.2
10°	749.6	761.1	773.8	789.5	804.1	819.4	836.7	853.9	875.0	894.6	916.9
12.5°	715.5	728.2	742.5	760.0	777.7	797.3	814.9	834.2	857.0	882.3	906.2
15°	673.3	685.5	700.8	715.8	736.2	757.6	781.0	806.8	832.0	860.5	890.0
17.5°	627.9	641.4	658.3	675.6	697.0	722.2	745.2	773.3	801.7	834.9	869.6
20°	598.4	612.3	632.2	651.4	671.0	695.5	722.8	751.5	781.8	816.7	855.5
22.5°	575.1	584.9	604.6	624.1	647.0	672.2	698.8	728.8	761.8	798.0	838.6
25°	540.5	552.0	566.2	586.5	610.4	636.8	663.7	695.5	731.5	768.4	811.7
27.5°	509.8	519.2	533.2	549.2	572.9	600.4	628.9	662.2	699.1	736.6	782.2
30°	488.0	498.4	511.7	528.7	547.4	577.3	606.5	639.1	676.7	715.5	762.2
32.5°	469.0	479.6	491.2	507.2	527.5	554.0	584.1	616.1	654.3	694.3	739.8
35°	442.3	449.6	460.3	476.1	496.0	517.5	548.2	582.0	619.1	660.6	706.2
37.5°	411.8	421.2	431.9	445.6	463.0	486.3	514.8	549.0	583.5	623.2	664.8
40°	393.9	402.8	414.7	424.6	443.1	464.1	490.3	525.9	560.5	597.6	635.6
42.5°	375.9	384.4	394.5	406.9	423.4	443.9	468.2	501.4	538.4	573.4	605.3
45°	347.6	356.4	366.0	377.5	392.8	412.7	437.0	467.3	499.5	531.7	555.8
47.5°	320.4	328.7	337.8	349.6	363.8	383.0	404.7	431.4	462.7	490.1	507.4
50°	301.1	308.8	318.8	330.3	344.1	362.1	382.8	409.3	435.5	460.3	476.1
52.5°	282.2	290.7	300.6	310.6	323.9	341.8	361.0	383.8	408.7	429.0	442.0
55°	253.6	261.7	270.8	281.1	294.3	309.6	329.9	347.9	367.5	384.8	392.4
57.5°	226.0	233.1	241.8	252.5	264.3	278.5	294.6	311.9	325.8	338.0	346.7
60°	207.9	214.1	222.1	231.4	244.0	257.0	271.6	287.7	298.4	308.8	316.9
62.5°	189.6	195.3	203.1	211.4	222.5	234.6	248.6	261.7	272.1	279.0	288.3
65°	161.9	167.6	174.2	183.0	191.8	201.8	214.4	224.0	231.4	239.0	244.8
67.5°	136.2	141.0	147.1	154.1	161.5	171.1	180.9	188.8	193.9	198.4	205.4
70°	119.3	123.1	128.2	133.5	141.6	151.2	158.9	164.9	168.4	173.0	181.5
72.5°	102.1	106.5	111.3	116.6	123.1	131.2	137.9	144.1	146.3	150.0	155.3
75°	80.6	82.9	86.7	90.5	95.1	102.0	108.6	110.1	112.0	115.1	119.0
77.5°	60.9	63.0	64.5	67.1	70.7	76.2	79.7	82.0	82.5	83.6	87.4
80°	48.4	49.5	51.0	52.9	54.4	59.1	61.0	63.3	64.0	65.2	67.2
82.5°	35.4	36.6	37.6	39.1	41.6	43.4	45.3	47.7	47.8	48.7	49.0
85°	20.7	21.1	20.3	21.1	21.5	22.2	24.1	26.1	25.8	25.3	26.5
87.5°	9.9	9.8	9.2	9.9	9.1	9.1	8.9	8.9	9.3	9.6	10.0
90°	12.8	12.0	10.8	9.7	8.5	7.3	6.1	4.7	3.4	2.1	0.7
92.5°	12.8	12.0	10.9	9.9	8.9	7.9	7.8	8.7	9.7	10.6	11.5
95°	12.8	12.0	18.3	24.6	30.9	37.3	40.7	41.2	41.6	42.1	42.6
97.5°	32.1	36.9	49.3	61.8	74.3	86.8	92.6	91.7	90.9	90.0	89.1
100°	105.4	130.2	129.6	128.9	128.3	127.5	126.9	126.4	125.9	125.4	124.9
102.5°	161.5	166.1	165.7	165.3	164.9	164.5	164.0	163.4	162.8	162.1	161.5
105°	223.0	223.0	223.0	223.0	223.0	223.0	222.7	222.0	221.4	220.7	219.9
107.5°	282.3	282.3	282.0	281.6	281.2	280.9	280.7	280.7	280.7	280.7	280.7
110°	321.2	321.7	321.4	321.1	320.7	320.4	320.2	320.2	320.2	320.2	320.2



TEST NUMBER: P333664-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	359.4	360.1	359.9	359.7	359.5	359.3	359.0	358.6	358.2	357.8	357.4
115°	416.9	417.6	417.4	417.2	417.1	416.9	416.4	415.6	414.8	413.8	413.0
117.5°	472.5	473.3	472.7	472.1	471.5	470.8	470.5	470.6	470.6	470.6	470.7
120°	507.8	508.1	507.6	507.1	506.5	506.0	505.9	506.0	506.2	506.4	506.5
122.5°	541.9	542.2	542.0	541.7	541.5	541.3	540.9	540.2	539.6	539.0	538.3
125°	592.0	592.6	592.6	592.6	592.6	592.6	592.1	590.9	589.8	588.5	587.4
127.5°	637.1	637.5	637.6	637.7	637.8	637.9	637.5	636.7	635.9	635.1	634.2
130°	666.9	667.4	667.3	667.1	666.9	666.8	666.3	665.5	664.6	663.8	663.0
132.5°	694.3	694.4	694.8	695.1	695.5	695.9	695.6	694.6	693.7	692.7	691.7
135°	735.2	735.6	735.9	736.2	736.6	736.9	736.6	735.6	734.6	733.6	732.6
137.5°	772.7	772.6	773.0	773.3	773.6	773.9	773.6	772.7	771.8	771.0	770.1
140°	795.8	795.4	795.6	795.8	795.9	796.1	796.0	795.7	795.4	795.0	794.7
142.5°	818.8	818.8	818.5	818.3	818.1	817.8	817.6	817.4	817.2	817.0	816.8
145°	850.9	850.8	850.8	850.8	850.8	850.8	850.6	850.3	850.0	849.6	849.3
147.5°	878.5	878.3	878.1	877.9	877.8	877.6	877.5	877.6	877.6	877.7	877.8
150°	896.1	895.6	895.3	895.0	894.6	894.3	894.3	894.6	895.0	895.3	895.6
152.5°	911.6	911.2	910.9	910.6	910.3	909.9	910.1	910.9	911.6	912.3	913.0
155°	932.8	932.3	932.0	931.7	931.4	931.0	931.4	932.3	933.3	934.3	935.3
157.5°	950.6	950.0	950.0	950.0	949.9	949.9	950.2	950.8	951.4	952.0	952.5
160°	961.5	960.8	960.6	960.5	960.3	960.1	960.6	961.5	962.5	963.5	964.5
162.5°	971.3	970.4	970.2	970.1	969.9	969.7	970.1	971.1	972.1	973.1	974.1
165°	984.2	983.2	983.1	982.9	982.7	982.6	983.0	984.0	985.0	985.9	986.9
167.5°	993.8	992.7	992.5	992.3	992.2	992.0	992.4	993.5	994.5	995.5	996.5
170°	998.8	997.4	997.2	997.1	996.9	996.7	997.2	998.5	999.6	1000.8	1002.0
172.5°	1002.8	1001.7	1001.4	1001.1	1000.8	1000.5	1000.9	1002.0	1003.2	1004.4	1005.5
175°	1007.0	1005.7	1005.5	1005.3	1005.2	1005.0	1005.4	1006.4	1007.4	1008.5	1009.5
177.5°	1009.2	1008.2	1008.0	1007.9	1007.8	1007.6	1008.0	1008.9	1009.7	1010.4	1011.2
180°	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5



TEST NUMBER: P333664-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	934.5	934.5	934.5	934.5	934.5	934.5	934.5	934.5	934.5	934.5	934.5
2.5°	939.1	941.9	945.8	950.5	954.1	958.2	960.3	960.3	962.1	966.1	971.3
5°	941.8	951.8	961.4	973.6	983.2	994.3	1002.8	1010.9	1018.1	1027.3	1036.9
7.5°	941.0	957.6	974.8	994.2	1015.5	1032.5	1049.9	1063.6	1077.0	1094.7	1108.6
10°	938.0	959.5	982.8	1007.3	1034.2	1057.6	1078.7	1097.9	1116.3	1135.5	1152.8
12.5°	932.4	959.8	988.4	1017.8	1051.8	1078.5	1105.7	1126.2	1147.6	1168.6	1189.9
15°	924.1	956.3	990.9	1032.0	1073.4	1103.3	1130.1	1156.6	1176.6	1200.3	1220.7
17.5°	907.1	948.6	992.0	1036.8	1076.6	1111.5	1139.5	1164.8	1186.0	1212.1	1239.8
20°	896.9	941.8	987.0	1035.0	1073.0	1108.6	1135.9	1162.0	1188.4	1222.6	1256.4
22.5°	882.8	930.7	978.8	1024.3	1064.4	1098.8	1127.0	1158.9	1193.7	1232.4	1273.2
25°	860.5	910.0	957.6	1000.9	1040.0	1075.3	1113.7	1156.6	1198.8	1249.8	1308.5
27.5°	832.1	879.9	922.3	968.1	1007.0	1051.9	1099.7	1146.3	1207.2	1277.4	1350.7
30°	810.9	856.3	896.6	939.9	984.0	1033.5	1087.2	1142.1	1214.6	1297.0	1384.1
32.5°	786.4	827.4	867.4	909.2	960.1	1014.4	1071.6	1138.6	1225.3	1319.1	1409.3
35°	743.9	780.6	819.4	865.9	919.9	979.0	1051.9	1133.6	1238.3	1339.2	1420.2
37.5°	699.2	728.2	767.2	816.1	875.0	943.4	1026.1	1125.4	1232.9	1323.5	1358.0
40°	664.8	692.1	733.1	784.5	842.8	917.7	1010.5	1112.5	1220.7	1283.5	1280.9
42.5°	630.8	658.3	697.8	749.5	810.3	894.0	989.6	1095.6	1186.9	1210.8	1160.9
45°	578.5	604.2	643.0	695.1	760.3	848.2	948.7	1050.4	1108.6	1070.0	971.0
47.5°	525.2	550.2	586.1	637.2	708.4	800.4	895.4	978.9	987.0	903.8	785.1
50°	490.3	513.6	547.9	602.3	671.4	761.1	852.8	918.4	898.1	796.4	674.0
52.5°	456.2	478.7	510.7	562.1	632.7	720.6	802.4	853.9	806.9	698.8	588.8
55°	405.9	427.4	459.6	506.8	570.8	651.4	723.2	741.9	672.9	563.9	474.9
57.5°	358.1	373.8	405.7	447.4	509.2	580.2	631.6	628.2	552.0	453.9	390.1
60°	326.5	340.6	370.9	409.3	468.0	531.7	567.7	552.4	475.3	394.4	333.0
62.5°	297.0	310.2	335.7	370.9	421.4	476.8	503.0	481.8	409.0	337.9	289.1
65°	252.5	262.1	282.4	315.0	354.5	392.8	416.3	385.2	320.7	267.0	230.1
67.5°	210.8	219.0	237.1	260.5	287.8	314.3	323.8	294.6	244.5	208.3	182.4
70°	183.8	191.5	203.7	225.6	243.6	262.4	267.0	241.0	199.1	171.5	155.3
72.5°	157.9	165.0	175.8	191.2	203.7	214.5	216.7	192.4	160.5	141.4	129.0
75°	120.5	126.6	133.5	139.3	147.3	149.3	148.5	129.7	112.4	99.8	92.8
77.5°	88.6	91.1	95.3	97.6	98.0	97.9	93.9	82.0	73.1	67.9	65.0
80°	68.3	70.2	71.4	72.1	72.5	68.7	64.4	57.2	54.1	51.0	47.6
82.5°	49.6	50.9	52.0	52.2	50.1	46.9	42.9	39.4	37.2	35.6	34.3
85°	26.9	27.3	26.9	24.9	22.2	21.1	20.3	19.6	19.2	18.8	18.8
87.5°	9.9	9.3	8.0	8.6	8.8	8.8	9.0	8.9	8.9	9.0	9.2
90°	2.1	3.4	4.7	6.1	7.3	8.5	9.7	10.8	12.0	12.8	13.6
92.5°	10.6	9.7	8.7	7.8	7.9	8.9	9.9	10.9	12.0	12.8	13.6
95°	42.1	41.6	41.2	40.7	37.3	30.9	24.6	18.3	12.0	12.8	13.6
97.5°	90.0	90.9	91.7	92.6	86.8	74.3	61.8	49.3	36.9	32.1	27.5
100°	125.4	125.9	126.4	126.9	127.5	128.3	128.9	129.6	130.2	105.4	80.7
102.5°	162.1	162.8	163.4	164.0	164.5	164.9	165.3	165.7	166.1	161.5	156.7
105°	220.7	221.4	222.0	222.7	223.0	223.0	223.0	223.0	223.0	223.0	223.0
107.5°	280.7	280.7	280.7	280.7	280.9	281.2	281.6	282.0	282.3	282.3	282.4
110°	320.2	320.2	320.2	320.2	320.4	320.7	321.1	321.4	321.7	321.2	320.7





TEST NUMBER: P333664-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	357.8	358.2	358.6	359.0	359.3	359.5	359.7	359.9	360.1	359.4	358.8
115°	413.8	414.8	415.6	416.4	416.9	417.1	417.2	417.4	417.6	416.9	416.2
117.5°	470.6	470.6	470.6	470.5	470.8	471.5	472.1	472.7	473.3	472.5	471.6
120°	506.4	506.2	506.0	505.9	506.0	506.5	507.1	507.6	508.1	507.8	507.5
122.5°	539.0	539.6	540.2	540.9	541.3	541.5	541.7	542.0	542.2	541.9	541.5
125°	588.5	589.8	590.9	592.1	592.6	592.6	592.6	592.6	592.6	592.0	591.3
127.5°	635.1	635.9	636.7	637.5	637.9	637.8	637.7	637.6	637.5	637.1	636.8
130°	663.8	664.6	665.5	666.3	666.8	666.9	667.1	667.3	667.4	666.9	666.5
132.5°	692.7	693.7	694.6	695.6	695.9	695.5	695.1	694.8	694.4	694.3	694.2
135°	733.6	734.6	735.6	736.6	736.9	736.6	736.2	735.9	735.6	735.2	734.9
137.5°	771.0	771.8	772.7	773.6	773.9	773.6	773.3	773.0	772.6	772.7	772.8
140°	795.0	795.4	795.7	796.0	796.1	795.9	795.8	795.6	795.4	795.8	796.1
142.5°	817.0	817.2	817.4	817.6	817.8	818.1	818.3	818.5	818.8	818.8	818.9
145°	849.6	850.0	850.3	850.6	850.8	850.8	850.8	850.8	850.8	850.9	851.1
147.5°	877.7	877.6	877.6	877.5	877.6	877.8	877.9	878.1	878.3	878.5	878.7
150°	895.3	895.0	894.6	894.3	894.3	894.6	895.0	895.3	895.6	896.1	896.4
152.5°	912.3	911.6	910.9	910.1	909.9	910.3	910.6	910.9	911.2	911.6	911.9
155°	934.3	933.3	932.3	931.4	931.0	931.4	931.7	932.0	932.3	932.8	933.3
157.5°	952.0	951.4	950.8	950.2	949.9	949.9	950.0	950.0	950.0	950.6	951.1
160°	963.5	962.5	961.5	960.6	960.1	960.3	960.5	960.6	960.8	961.5	962.1
162.5°	973.1	972.1	971.1	970.1	969.7	969.9	970.1	970.2	970.4	971.3	972.2
165°	985.9	985.0	984.0	983.0	982.6	982.7	982.9	983.1	983.2	984.2	985.2
167.5°	995.5	994.5	993.5	992.4	992.0	992.2	992.3	992.5	992.7	993.8	995.0
170°	1000.8	999.6	998.5	997.2	996.7	996.9	997.1	997.2	997.4	998.8	1000.1
172.5°	1004.4	1003.2	1002.0	1000.9	1000.5	1000.8	1001.1	1001.4	1001.7	1002.8	1004.0
175°	1008.5	1007.4	1006.4	1005.4	1005.0	1005.2	1005.3	1005.5	1005.7	1007.0	1008.4
177.5°	1010.4	1009.7	1008.9	1008.0	1007.6	1007.8	1007.9	1008.0	1008.2	1009.2	1010.1
180°	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5



TEST NUMBER: P333664-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	934.5	934.5	934.5	934.5	934.5	934.5	934.5
2.5°	975.3	975.3	980.6	980.2	983.6	982.4	983.0
5°	1048.4	1054.9	1060.7	1064.5	1070.3	1071.9	1071.1
7.5°	1124.3	1138.7	1145.8	1155.5	1157.2	1162.3	1161.7
10°	1171.1	1185.4	1196.1	1204.6	1208.8	1214.2	1214.6
12.5°	1208.0	1220.0	1229.6	1237.4	1242.5	1244.3	1245.3
15°	1236.8	1250.2	1261.3	1272.4	1279.0	1283.9	1286.7
17.5°	1265.8	1286.5	1306.2	1321.3	1330.3	1338.0	1337.9
20°	1288.2	1312.0	1336.6	1353.8	1371.4	1379.1	1380.3
22.5°	1312.1	1348.5	1380.1	1406.8	1430.1	1438.0	1441.0
25°	1361.8	1409.4	1458.1	1495.7	1522.6	1538.3	1540.7
27.5°	1421.9	1486.3	1537.5	1572.3	1594.6	1606.2	1608.7
30°	1464.3	1523.7	1569.7	1595.9	1606.2	1607.7	1601.9
32.5°	1483.3	1527.7	1546.1	1544.6	1524.3	1510.8	1505.6
35°	1460.1	1450.9	1405.9	1352.2	1311.2	1285.2	1278.2
37.5°	1328.7	1249.3	1166.7	1085.6	1042.4	1020.5	982.7
40°	1199.2	1086.0	1000.1	931.8	883.1	843.9	834.8
42.5°	1053.1	936.2	850.3	791.8	753.0	726.1	714.5
45°	846.3	745.8	674.8	629.9	600.0	580.4	571.6
47.5°	676.8	599.1	547.3	514.1	491.3	474.3	469.6
50°	583.9	521.7	478.0	450.0	432.7	419.7	414.3
52.5°	507.2	457.0	423.3	400.3	384.0	375.8	371.3
55°	418.5	375.2	351.0	332.5	323.4	316.9	313.8
57.5°	342.2	310.9	293.3	280.5	272.1	267.9	266.4
60°	299.6	275.1	258.9	248.9	243.2	237.8	236.3
62.5°	261.9	242.6	230.0	221.4	215.6	213.3	212.4
65°	211.0	198.3	189.1	183.8	179.2	178.3	178.0
67.5°	167.7	160.3	155.4	149.9	148.2	145.5	145.0
70°	143.5	138.5	132.7	130.8	128.9	126.2	126.6
72.5°	121.7	116.7	112.8	110.3	109.6	108.5	109.4
75°	89.0	87.5	85.9	84.0	83.2	83.2	82.9
77.5°	63.5	62.2	60.5	59.4	59.2	57.6	58.2
80°	46.0	44.1	43.3	43.7	42.6	42.2	42.2
82.5°	34.0	33.3	32.6	32.7	32.4	32.1	32.4
85°	18.8	18.4	18.4	18.1	18.1	17.7	17.7
87.5°	9.7	10.1	9.6	9.4	9.5	9.9	10.3
90°	14.4	15.2	16.0	16.5	17.0	17.5	18.0
92.5°	14.4	15.2	15.9	16.1	16.3	16.6	16.8
95°	14.4	15.2	15.8	15.8	15.8	15.8	15.8
97.5°	22.7	18.1	15.8	15.8	15.8	15.8	15.8
100°	55.8	31.1	18.4	17.7	17.1	16.4	15.8
102.5°	152.1	147.3	139.4	128.1	116.7	105.4	94.1
105°	223.0	223.0	222.9	222.8	222.6	222.4	222.3
107.5°	282.4	282.4	282.2	281.7	281.1	280.6	280.1
110°	320.2	319.7	319.6	319.7	319.9	320.1	320.2



TEST NUMBER: P333664-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	358.2	357.5	357.1	356.9	356.7	356.4	356.2
115°	415.6	414.9	414.0	413.0	412.0	411.0	410.0
117.5°	470.8	469.9	469.3	468.8	468.4	468.0	467.6
120°	507.1	506.8	506.1	505.3	504.5	503.7	502.8
122.5°	541.2	540.9	540.2	539.3	538.3	537.3	536.3
125°	590.7	590.0	589.4	588.9	588.3	587.9	587.4
127.5°	636.4	636.1	635.3	634.0	632.8	631.6	630.4
130°	666.0	665.5	664.8	664.0	663.2	662.3	661.5
132.5°	694.1	694.0	693.6	692.7	691.9	691.1	690.2
135°	734.6	734.3	733.6	732.6	731.5	730.5	729.5
137.5°	772.8	773.0	772.5	771.6	770.8	769.9	769.1
140°	796.4	796.8	796.4	795.4	794.5	793.5	792.4
142.5°	819.0	819.0	818.6	817.6	816.6	815.6	814.6
145°	851.3	851.4	851.0	850.0	849.0	848.1	847.1
147.5°	878.9	879.1	878.6	877.5	876.3	875.0	873.8
150°	896.7	897.1	896.6	895.1	893.8	892.5	891.2
152.5°	912.2	912.6	912.1	910.9	909.8	908.6	907.4
155°	933.8	934.3	933.9	932.6	931.3	930.0	928.6
157.5°	951.6	952.1	951.7	950.4	949.1	947.8	946.4
160°	962.8	963.4	963.1	961.8	960.5	959.2	957.8
162.5°	973.1	974.1	973.8	972.4	970.9	969.5	968.0
165°	986.2	987.2	987.0	985.7	984.4	983.1	981.7
167.5°	996.2	997.4	997.3	995.8	994.3	992.8	991.3
170°	1001.5	1002.8	1002.7	1001.2	999.7	998.2	996.7
172.5°	1005.2	1006.4	1006.2	1004.8	1003.3	1001.8	1000.3
175°	1009.7	1011.0	1010.9	1009.5	1007.9	1006.4	1004.9
177.5°	1011.0	1012.0	1011.9	1010.8	1009.8	1008.7	1007.6
180°	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5

(END OF REPORT)