

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: P333665-840

Luminaire Tested: **S125RDIW-S610D770U840-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333665-840
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-11,
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-A1
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 610 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 770 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5111.3 lumens
Efficiency: N/A
Efficacy: 135.9 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

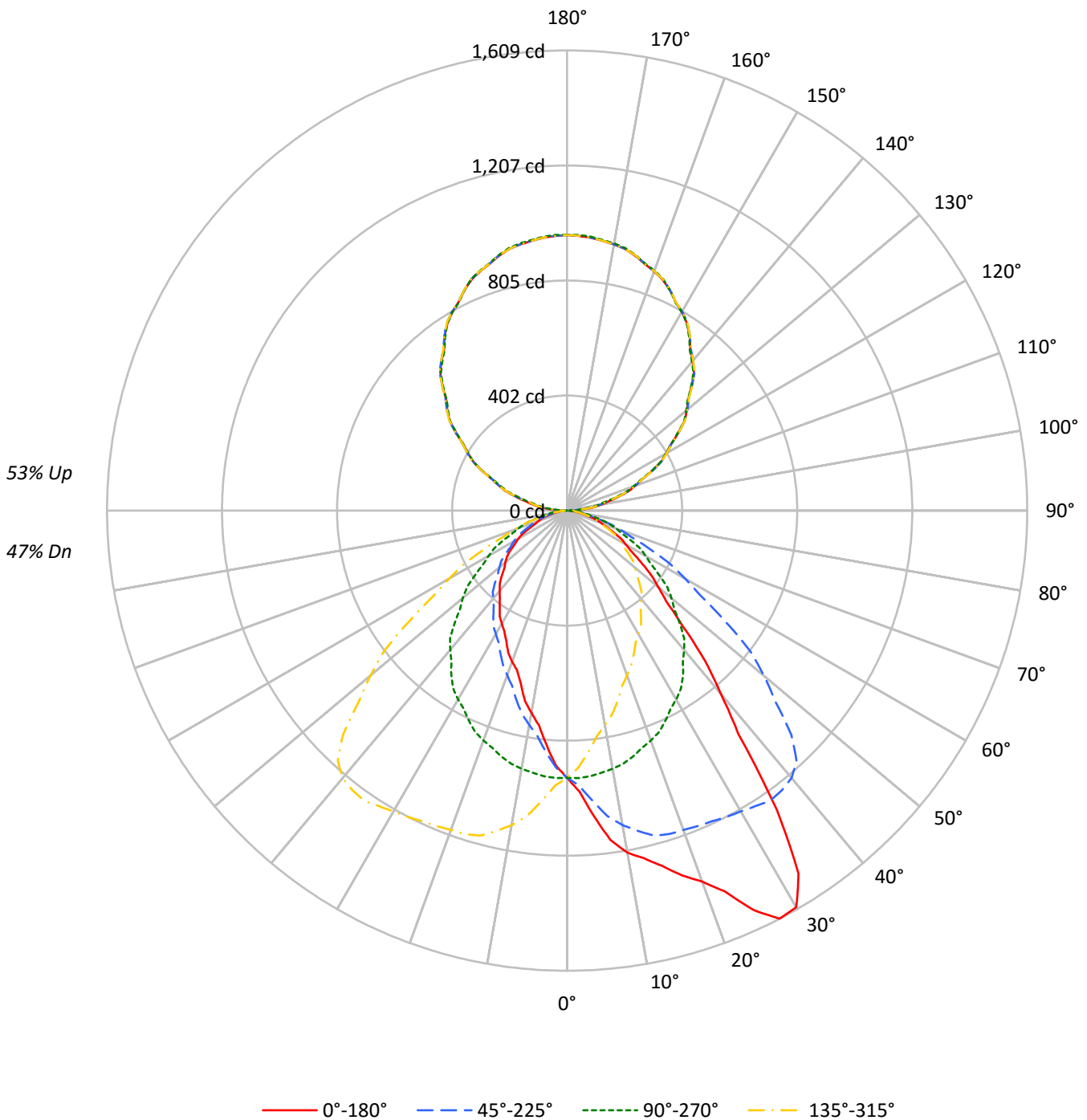
Input Watts (W): 37.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333665-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P333665-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A1

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	50	30	10	0	
RCR																						
0	107	107	107	107	98	98	98	98	82	82	82	67	67	67	54	54	54	47				47
1	98	93	90	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41				41
2	89	82	76	71	82	76	71	66	64	60	57	53	50	48	43	41	39	35				35
3	82	72	65	60	75	67	61	56	57	52	48	47	44	41	38	36	34	30				30
4	75	64	57	51	69	59	53	48	50	45	41	42	38	35	34	32	30	26				26
5	69	57	49	44	63	53	46	41	45	40	36	38	34	31	31	28	26	23				23
6	63	51	44	38	58	48	41	36	41	35	31	34	30	27	28	25	23	20				20
7	59	47	39	33	54	43	36	31	37	32	28	31	27	24	26	23	20	18				18
8	54	42	35	29	50	39	33	28	34	28	25	29	24	21	24	21	18	16				16
9	51	39	31	26	47	36	29	25	31	26	22	26	22	19	22	19	17	14				14
10	47	35	28	24	44	33	27	22	29	23	20	24	20	17	20	17	15	13				13

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: P333665-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.6	1.8
10°-20°	262.6	5.1
20°-30°	416.4	8.1
30°-40°	502.1	9.8
40°-50°	448.4	8.8
50°-60°	343.9	6.7
60°-70°	223.5	4.4
70°-80°	108.6	2.1
80°-90°	28.0	0.5
90°-100°	64.5	1.3
100°-110°	190.5	3.7
110°-120°	322.7	6.3
120°-130°	424.7	8.3
130°-140°	475.9	9.3
140°-150°	466.4	9.1
150°-160°	391.7	7.7
160°-170°	260.4	5.1
170°-180°	91.1	1.8
0°-30°	768.6	15.0
0°-40°	1270.8	24.9
0°-60°	2063.1	40.4
0°-90°	2423.2	47.4
90°-120°	577.8	11.3
90°-150°	1944.8	38.0
90°-180°	2688.0	52.6
0°-180°	5111.3	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	11
95°	64	49	64	49	64	66
105°	186	171	186	171	186	197
115°	326	323	326	323	326	323
125°	474	472	474	472	474	424
135°	616	613	616	613	616	475
145°	746	743	746	743	746	466
155°	850	850	850	850	850	391
165°	922	924	922	924	922	260
175°	957	961	957	961	957	91
180°	963	963	963	963	963	



TEST NUMBER: P333665-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A1

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	15.3	14.5	13.6	12.8	12.0	10.8
92.5°	35.3	35.0	34.6	34.3	33.9	33.2	32.1	31.0	29.9	28.8	27.4
95°	64.4	64.1	63.8	63.5	63.1	62.4	61.2	60.1	58.9	57.8	56.0
97.5°	97.8	97.6	97.4	97.1	96.9	96.3	95.2	94.1	93.0	91.9	89.6
100°	122.9	122.6	122.3	122.0	121.6	120.7	119.2	117.6	116.2	114.7	112.5
102.5°	148.1	147.6	147.2	146.7	146.2	145.2	143.6	142.0	140.4	138.7	137.5
105°	185.9	185.4	184.9	184.4	183.9	183.2	182.2	181.2	180.2	179.2	178.1
107.5°	224.6	224.6	224.7	224.7	224.7	224.5	224.0	223.5	223.0	222.5	221.8
110°	253.4	253.6	253.7	253.9	254.1	253.9	253.4	252.9	252.4	251.9	251.4



TEST NUMBER: P333665-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	281.6	281.9	282.2	282.5	282.8	282.8	282.6	282.4	282.2	281.9	281.2
115°	326.1	326.3	326.5	326.6	326.8	326.9	327.1	327.3	327.4	327.6	327.3
117.5°	369.6	370.2	370.9	371.6	372.2	372.5	372.3	372.2	372.1	372.0	371.7
120°	399.6	400.2	400.9	401.6	402.2	402.5	402.5	402.5	402.5	402.5	402.4
122.5°	429.6	430.1	430.6	431.1	431.7	432.0	432.1	432.3	432.4	432.5	432.1
125°	474.5	474.7	474.8	475.0	475.2	475.4	475.7	476.2	476.5	476.8	476.7
127.5°	517.8	518.1	518.4	518.8	519.1	519.3	519.5	519.7	519.8	520.0	519.8
130°	546.5	546.8	547.1	547.5	547.9	548.1	548.3	548.5	548.6	548.8	548.5
132.5°	573.5	574.0	574.4	574.9	575.3	575.7	575.8	576.0	576.2	576.3	576.4
135°	615.5	616.1	616.8	617.4	618.1	618.4	618.4	618.4	618.4	618.4	618.3
137.5°	656.5	657.4	658.2	659.0	659.8	660.2	660.0	659.8	659.6	659.4	659.0
140°	683.0	683.8	684.6	685.5	686.3	686.5	686.2	685.9	685.5	685.2	684.7
142.5°	708.1	708.9	709.8	710.6	711.4	711.8	711.6	711.3	711.1	710.9	710.3
145°	745.9	746.4	746.9	747.4	747.9	748.2	748.2	748.2	748.2	748.2	747.7
147.5°	778.2	779.3	780.4	781.5	782.6	783.0	782.6	782.2	781.8	781.4	781.0
150°	802.1	802.4	802.8	803.1	803.4	803.7	803.7	803.7	803.7	803.7	802.9
152.5°	821.9	822.5	823.1	823.7	824.4	824.5	824.0	823.6	823.2	822.8	822.5
155°	850.1	850.9	851.8	852.6	853.4	853.5	852.8	852.2	851.5	850.9	850.7
157.5°	873.6	874.7	875.9	877.0	878.1	878.3	877.6	877.0	876.3	875.7	875.5
160°	889.9	890.7	891.5	892.3	893.2	893.2	892.6	891.9	891.3	890.6	890.4
162.5°	903.6	904.6	905.5	906.6	907.6	907.6	906.8	906.1	905.2	904.4	904.3
165°	922.1	923.1	924.1	925.1	926.0	926.2	925.6	924.9	924.2	923.6	923.4
167.5°	936.8	937.9	938.9	939.9	940.9	940.9	940.0	939.0	938.0	937.0	937.0
170°	944.6	945.7	947.0	948.1	949.3	949.4	948.4	947.4	946.3	945.3	945.3
172.5°	951.2	952.2	953.2	954.3	955.3	955.3	954.3	953.3	952.3	951.3	951.3
175°	957.4	958.5	959.7	960.8	962.0	962.1	961.1	960.1	959.1	958.1	958.1
177.5°	960.9	961.9	962.8	963.7	964.6	964.7	963.9	963.1	962.3	961.5	961.7
180°	963.3	963.3	963.3	963.3	963.3	963.3	963.3	963.3	963.3	963.3	963.3



TEST NUMBER: P333665-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A1

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	7.4	6.1	4.7	3.4	2.1	0.7	2.1	3.4	4.7
92.5°	26.0	24.5	23.0	21.9	20.9	20.0	19.1	18.2	19.1	20.0	20.9
95°	54.4	52.7	51.1	50.1	49.7	49.4	49.1	48.8	49.1	49.4	49.7
97.5°	87.4	85.0	82.7	81.5	81.4	81.2	81.1	81.0	81.1	81.2	81.4
100°	110.4	108.2	106.0	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9
102.5°	136.5	135.4	134.3	133.4	132.7	132.1	131.4	130.8	131.4	132.1	132.7
105°	177.1	176.2	175.2	174.3	173.4	172.6	171.8	171.0	171.8	172.6	173.4
107.5°	221.0	220.3	219.4	218.6	217.8	217.0	216.1	215.3	216.1	217.0	217.8
110°	250.9	250.3	249.8	249.2	248.4	247.5	246.7	245.9	246.7	247.5	248.4



TEST NUMBER: P333665-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	280.6	279.9	279.3	278.8	278.4	277.9	277.5	277.1	277.5	277.9	278.4
115°	326.9	326.6	326.3	325.8	325.1	324.5	323.8	323.2	323.8	324.5	325.1
117.5°	371.4	371.1	370.8	370.5	370.2	369.9	369.6	369.3	369.6	369.9	370.2
120°	402.2	402.0	401.9	401.4	400.6	399.7	398.9	398.1	398.9	399.7	400.6
122.5°	431.7	431.2	430.8	430.5	430.2	429.9	429.6	429.3	429.6	429.9	430.2
125°	476.5	476.3	476.2	475.5	474.5	473.5	472.5	471.5	472.5	473.5	474.5
127.5°	519.6	519.4	519.2	518.8	518.3	517.7	517.1	516.5	517.1	517.7	518.3
130°	548.1	547.8	547.4	546.8	546.0	545.2	544.3	543.5	544.3	545.2	546.0
132.5°	576.4	576.5	576.6	575.9	574.6	573.2	571.9	570.5	571.9	573.2	574.6
135°	618.1	617.9	617.8	617.2	616.2	615.2	614.2	613.2	614.2	615.2	616.2
137.5°	658.6	658.3	657.9	657.3	656.3	655.3	654.4	653.4	654.4	655.3	656.3
140°	684.2	683.7	683.2	682.6	681.7	680.9	680.0	679.2	680.0	680.9	681.7
142.5°	709.7	709.1	708.4	707.8	707.1	706.4	705.7	705.0	705.7	706.4	707.1
145°	747.2	746.7	746.2	745.6	744.9	744.3	743.6	743.0	743.6	744.3	744.9
147.5°	780.6	780.2	779.8	779.5	779.1	778.7	778.4	778.0	778.4	778.7	779.1
150°	802.3	801.6	801.0	800.7	800.9	801.0	801.2	801.4	801.2	801.0	800.9
152.5°	822.3	822.0	821.7	821.5	821.3	821.0	820.8	820.6	820.8	821.0	821.3
155°	850.5	850.4	850.2	850.1	850.1	850.1	850.1	850.1	850.1	850.1	850.1
157.5°	875.3	875.1	874.9	875.0	875.5	875.8	876.2	876.6	876.2	875.8	875.5
160°	890.3	890.1	889.9	890.1	890.6	891.1	891.6	892.1	891.6	891.1	890.6
162.5°	904.3	904.3	904.2	904.4	904.8	905.1	905.5	905.9	905.5	905.1	904.8
165°	923.2	923.1	922.9	923.0	923.3	923.7	924.0	924.3	924.0	923.7	923.3
167.5°	937.0	937.0	937.0	937.3	938.0	938.6	939.3	940.0	939.3	938.6	938.0
170°	945.3	945.3	945.3	945.6	946.3	947.0	947.7	948.4	947.7	947.0	946.3
172.5°	951.3	951.3	951.3	951.7	952.3	953.0	953.6	954.3	953.6	953.0	952.3
175°	958.1	958.1	958.1	958.4	959.1	959.8	960.4	961.1	960.4	959.8	959.1
177.5°	961.8	961.9	962.1	962.4	962.9	963.4	964.0	964.5	964.0	963.4	962.9
180°	963.3	963.3	963.3	963.3	963.3	963.3	963.3	963.3	963.3	963.3	963.3



TEST NUMBER: P333665-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A1

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	10.0
90°	6.1	7.4	8.5	9.7	10.8	12.0	12.8	13.6	14.5	15.3	16.0
92.5°	21.9	23.0	24.5	26.0	27.4	28.8	29.9	31.0	32.1	33.2	33.9
95°	50.1	51.1	52.7	54.4	56.0	57.8	58.9	60.1	61.2	62.4	63.1
97.5°	81.5	82.7	85.0	87.4	89.6	91.9	93.0	94.1	95.2	96.3	96.9
100°	104.9	106.0	108.2	110.4	112.5	114.7	116.2	117.6	119.2	120.7	121.6
102.5°	133.4	134.3	135.4	136.5	137.5	138.7	140.4	142.0	143.6	145.2	146.2
105°	174.3	175.2	176.2	177.1	178.1	179.2	180.2	181.2	182.2	183.2	183.9
107.5°	218.6	219.4	220.3	221.0	221.8	222.5	223.0	223.5	224.0	224.5	224.7
110°	249.2	249.8	250.3	250.9	251.4	251.9	252.4	252.9	253.4	253.9	254.1



TEST NUMBER: P333665-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	278.8	279.3	279.9	280.6	281.2	281.9	282.2	282.4	282.6	282.8	282.8
115°	325.8	326.3	326.6	326.9	327.3	327.6	327.4	327.3	327.1	326.9	326.8
117.5°	370.5	370.8	371.1	371.4	371.7	372.0	372.1	372.2	372.3	372.5	372.2
120°	401.4	401.9	402.0	402.2	402.4	402.5	402.5	402.5	402.5	402.5	402.2
122.5°	430.5	430.8	431.2	431.7	432.1	432.5	432.4	432.3	432.1	432.0	431.7
125°	475.5	476.2	476.3	476.5	476.7	476.8	476.5	476.2	475.7	475.4	475.2
127.5°	518.8	519.2	519.4	519.6	519.8	520.0	519.8	519.7	519.5	519.3	519.1
130°	546.8	547.4	547.8	548.1	548.5	548.8	548.6	548.5	548.3	548.1	547.9
132.5°	575.9	576.6	576.5	576.4	576.4	576.3	576.2	576.0	575.8	575.7	575.3
135°	617.2	617.8	617.9	618.1	618.3	618.4	618.4	618.4	618.4	618.4	618.1
137.5°	657.3	657.9	658.3	658.6	659.0	659.4	659.6	659.8	660.0	660.2	659.8
140°	682.6	683.2	683.7	684.2	684.7	685.2	685.5	685.9	686.2	686.5	686.3
142.5°	707.8	708.4	709.1	709.7	710.3	710.9	711.1	711.3	711.6	711.8	711.4
145°	745.6	746.2	746.7	747.2	747.7	748.2	748.2	748.2	748.2	748.2	747.9
147.5°	779.5	779.8	780.2	780.6	781.0	781.4	781.8	782.2	782.6	783.0	782.6
150°	800.7	801.0	801.6	802.3	802.9	803.7	803.7	803.7	803.7	803.7	803.4
152.5°	821.5	821.7	822.0	822.3	822.5	822.8	823.2	823.6	824.0	824.5	824.4
155°	850.1	850.2	850.4	850.5	850.7	850.9	851.5	852.2	852.8	853.5	853.4
157.5°	875.0	874.9	875.1	875.3	875.5	875.7	876.3	877.0	877.6	878.3	878.1
160°	890.1	889.9	890.1	890.3	890.4	890.6	891.3	891.9	892.6	893.2	893.2
162.5°	904.4	904.2	904.3	904.3	904.3	904.4	905.2	906.1	906.8	907.6	907.6
165°	923.0	922.9	923.1	923.2	923.4	923.6	924.2	924.9	925.6	926.2	926.0
167.5°	937.3	937.0	937.0	937.0	937.0	937.0	938.0	939.0	940.0	940.9	940.9
170°	945.6	945.3	945.3	945.3	945.3	945.3	946.3	947.4	948.4	949.4	949.3
172.5°	951.7	951.3	951.3	951.3	951.3	951.3	952.3	953.3	954.3	955.3	955.3
175°	958.4	958.1	958.1	958.1	958.1	958.1	959.1	960.1	961.1	962.1	962.0
177.5°	962.4	962.1	961.9	961.8	961.7	961.5	962.3	963.1	963.9	964.7	964.6
180°	963.3	963.3	963.3	963.3	963.3	963.3	963.3	963.3	963.3	963.3	963.3



TEST NUMBER: P333665-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A1

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°	10.4	10.2	10.3	10.3	10.3	10.2	10.4	10.0	10.1	10.0	9.8
90°	16.5	17.0	17.5	18.0	17.5	17.0	16.5	16.0	15.3	14.5	13.6
92.5°	34.3	34.6	35.0	35.3	35.0	34.6	34.3	33.9	33.2	32.1	31.0
95°	63.5	63.8	64.1	64.4	64.1	63.8	63.5	63.1	62.4	61.2	60.1
97.5°	97.1	97.4	97.6	97.8	97.6	97.4	97.1	96.9	96.3	95.2	94.1
100°	122.0	122.3	122.6	122.9	122.6	122.3	122.0	121.6	120.7	119.2	117.6
102.5°	146.7	147.2	147.6	148.1	147.6	147.2	146.7	146.2	145.2	143.6	142.0
105°	184.4	184.9	185.4	185.9	185.4	184.9	184.4	183.9	183.2	182.2	181.2
107.5°	224.7	224.7	224.6	224.6	224.6	224.7	224.7	224.7	224.5	224.0	223.5
110°	253.9	253.7	253.6	253.4	253.6	253.7	253.9	254.1	253.9	253.4	252.9



TEST NUMBER: P333665-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	282.5	282.2	281.9	281.6	281.9	282.2	282.5	282.8	282.8	282.6	282.4
115°	326.6	326.5	326.3	326.1	326.3	326.5	326.6	326.8	326.9	327.1	327.3
117.5°	371.6	370.9	370.2	369.6	370.2	370.9	371.6	372.2	372.5	372.3	372.2
120°	401.6	400.9	400.2	399.6	400.2	400.9	401.6	402.2	402.5	402.5	402.5
122.5°	431.1	430.6	430.1	429.6	430.1	430.6	431.1	431.7	432.0	432.1	432.3
125°	475.0	474.8	474.7	474.5	474.7	474.8	475.0	475.2	475.4	475.7	476.2
127.5°	518.8	518.4	518.1	517.8	518.1	518.4	518.8	519.1	519.3	519.5	519.7
130°	547.5	547.1	546.8	546.5	546.8	547.1	547.5	547.9	548.1	548.3	548.5
132.5°	574.9	574.4	574.0	573.5	574.0	574.4	574.9	575.3	575.7	575.8	576.0
135°	617.4	616.8	616.1	615.5	616.1	616.8	617.4	618.1	618.4	618.4	618.4
137.5°	659.0	658.2	657.4	656.5	657.4	658.2	659.0	659.8	660.2	660.0	659.8
140°	685.5	684.6	683.8	683.0	683.8	684.6	685.5	686.3	686.5	686.2	685.9
142.5°	710.6	709.8	708.9	708.1	708.9	709.8	710.6	711.4	711.8	711.6	711.3
145°	747.4	746.9	746.4	745.9	746.4	746.9	747.4	747.9	748.2	748.2	748.2
147.5°	781.5	780.4	779.3	778.2	779.3	780.4	781.5	782.6	783.0	782.6	782.2
150°	803.1	802.8	802.4	802.1	802.4	802.8	803.1	803.4	803.7	803.7	803.7
152.5°	823.7	823.1	822.5	821.9	822.5	823.1	823.7	824.4	824.5	824.0	823.6
155°	852.6	851.8	850.9	850.1	850.9	851.8	852.6	853.4	853.5	852.8	852.2
157.5°	877.0	875.9	874.7	873.6	874.7	875.9	877.0	878.1	878.3	877.6	877.0
160°	892.3	891.5	890.7	889.9	890.7	891.5	892.3	893.2	893.2	892.6	891.9
162.5°	906.6	905.5	904.6	903.6	904.6	905.5	906.6	907.6	907.6	906.8	906.1
165°	925.1	924.1	923.1	922.1	923.1	924.1	925.1	926.0	926.2	925.6	924.9
167.5°	939.9	938.9	937.9	936.8	937.9	938.9	939.9	940.9	940.9	940.0	939.0
170°	948.1	947.0	945.7	944.6	945.7	947.0	948.1	949.3	949.4	948.4	947.4
172.5°	954.3	953.2	952.2	951.2	952.2	953.2	954.3	955.3	955.3	954.3	953.3
175°	960.8	959.7	958.5	957.4	958.5	959.7	960.8	962.0	962.1	961.1	960.1
177.5°	963.7	962.8	961.9	960.9	961.9	962.8	963.7	964.6	964.7	963.9	963.1
180°	963.3	963.3	963.3	963.3	963.3	963.3	963.3	963.3	963.3	963.3	963.3



TEST NUMBER: P333665-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A1

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	7.4	6.1	4.7	3.4	2.1	0.7
92.5°	29.9	28.8	27.4	26.0	24.5	23.0	21.9	20.9	20.0	19.1	18.2
95°	58.9	57.8	56.0	54.4	52.7	51.1	50.1	49.7	49.4	49.1	48.8
97.5°	93.0	91.9	89.6	87.4	85.0	82.7	81.5	81.4	81.2	81.1	81.0
100°	116.2	114.7	112.5	110.4	108.2	106.0	104.9	104.9	104.9	104.9	104.9
102.5°	140.4	138.7	137.5	136.5	135.4	134.3	133.4	132.7	132.1	131.4	130.8
105°	180.2	179.2	178.1	177.1	176.2	175.2	174.3	173.4	172.6	171.8	171.0
107.5°	223.0	222.5	221.8	221.0	220.3	219.4	218.6	217.8	217.0	216.1	215.3
110°	252.4	251.9	251.4	250.9	250.3	249.8	249.2	248.4	247.5	246.7	245.9



TEST NUMBER: P333665-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	282.2	281.9	281.2	280.6	279.9	279.3	278.8	278.4	277.9	277.5	277.1
115°	327.4	327.6	327.3	326.9	326.6	326.3	325.8	325.1	324.5	323.8	323.2
117.5°	372.1	372.0	371.7	371.4	371.1	370.8	370.5	370.2	369.9	369.6	369.3
120°	402.5	402.5	402.4	402.2	402.0	401.9	401.4	400.6	399.7	398.9	398.1
122.5°	432.4	432.5	432.1	431.7	431.2	430.8	430.5	430.2	429.9	429.6	429.3
125°	476.5	476.8	476.7	476.5	476.3	476.2	475.5	474.5	473.5	472.5	471.5
127.5°	519.8	520.0	519.8	519.6	519.4	519.2	518.8	518.3	517.7	517.1	516.5
130°	548.6	548.8	548.5	548.1	547.8	547.4	546.8	546.0	545.2	544.3	543.5
132.5°	576.2	576.3	576.4	576.4	576.5	576.6	575.9	574.6	573.2	571.9	570.5
135°	618.4	618.4	618.3	618.1	617.9	617.8	617.2	616.2	615.2	614.2	613.2
137.5°	659.6	659.4	659.0	658.6	658.3	657.9	657.3	656.3	655.3	654.4	653.4
140°	685.5	685.2	684.7	684.2	683.7	683.2	682.6	681.7	680.9	680.0	679.2
142.5°	711.1	710.9	710.3	709.7	709.1	708.4	707.8	707.1	706.4	705.7	705.0
145°	748.2	748.2	747.7	747.2	746.7	746.2	745.6	744.9	744.3	743.6	743.0
147.5°	781.8	781.4	781.0	780.6	780.2	779.8	779.5	779.1	778.7	778.4	778.0
150°	803.7	803.7	802.9	802.3	801.6	801.0	800.7	800.9	801.0	801.2	801.4
152.5°	823.2	822.8	822.5	822.3	822.0	821.7	821.5	821.3	821.0	820.8	820.6
155°	851.5	850.9	850.7	850.5	850.4	850.2	850.1	850.1	850.1	850.1	850.1
157.5°	876.3	875.7	875.5	875.3	875.1	874.9	875.0	875.5	875.8	876.2	876.6
160°	891.3	890.6	890.4	890.3	890.1	889.9	890.1	890.6	891.1	891.6	892.1
162.5°	905.2	904.4	904.3	904.3	904.3	904.2	904.4	904.8	905.1	905.5	905.9
165°	924.2	923.6	923.4	923.2	923.1	922.9	923.0	923.3	923.7	924.0	924.3
167.5°	938.0	937.0	937.0	937.0	937.0	937.0	937.3	938.0	938.6	939.3	940.0
170°	946.3	945.3	945.3	945.3	945.3	945.3	945.6	946.3	947.0	947.7	948.4
172.5°	952.3	951.3	951.3	951.3	951.3	951.3	951.7	952.3	953.0	953.6	954.3
175°	959.1	958.1	958.1	958.1	958.1	958.1	958.4	959.1	959.8	960.4	961.1
177.5°	962.3	961.5	961.7	961.8	961.9	962.1	962.4	962.9	963.4	964.0	964.5
180°	963.3	963.3	963.3	963.3	963.3	963.3	963.3	963.3	963.3	963.3	963.3



TEST NUMBER: P333665-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A1

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	7.4	8.5	9.7	10.8	12.0	12.8	13.6
92.5°	19.1	20.0	20.9	21.9	23.0	24.5	26.0	27.4	28.8	29.9	31.0
95°	49.1	49.4	49.7	50.1	51.1	52.7	54.4	56.0	57.8	58.9	60.1
97.5°	81.1	81.2	81.4	81.5	82.7	85.0	87.4	89.6	91.9	93.0	94.1
100°	104.9	104.9	104.9	104.9	106.0	108.2	110.4	112.5	114.7	116.2	117.6
102.5°	131.4	132.1	132.7	133.4	134.3	135.4	136.5	137.5	138.7	140.4	142.0
105°	171.8	172.6	173.4	174.3	175.2	176.2	177.1	178.1	179.2	180.2	181.2
107.5°	216.1	217.0	217.8	218.6	219.4	220.3	221.0	221.8	222.5	223.0	223.5
110°	246.7	247.5	248.4	249.2	249.8	250.3	250.9	251.4	251.9	252.4	252.9



TEST NUMBER: P333665-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	277.5	277.9	278.4	278.8	279.3	279.9	280.6	281.2	281.9	282.2	282.4
115°	323.8	324.5	325.1	325.8	326.3	326.6	326.9	327.3	327.6	327.4	327.3
117.5°	369.6	369.9	370.2	370.5	370.8	371.1	371.4	371.7	372.0	372.1	372.2
120°	398.9	399.7	400.6	401.4	401.9	402.0	402.2	402.4	402.5	402.5	402.5
122.5°	429.6	429.9	430.2	430.5	430.8	431.2	431.7	432.1	432.5	432.4	432.3
125°	472.5	473.5	474.5	475.5	476.2	476.3	476.5	476.7	476.8	476.5	476.2
127.5°	517.1	517.7	518.3	518.8	519.2	519.4	519.6	519.8	520.0	519.8	519.7
130°	544.3	545.2	546.0	546.8	547.4	547.8	548.1	548.5	548.8	548.6	548.5
132.5°	571.9	573.2	574.6	575.9	576.6	576.5	576.4	576.4	576.3	576.2	576.0
135°	614.2	615.2	616.2	617.2	617.8	617.9	618.1	618.3	618.4	618.4	618.4
137.5°	654.4	655.3	656.3	657.3	657.9	658.3	658.6	659.0	659.4	659.6	659.8
140°	680.0	680.9	681.7	682.6	683.2	683.7	684.2	684.7	685.2	685.5	685.9
142.5°	705.7	706.4	707.1	707.8	708.4	709.1	709.7	710.3	710.9	711.1	711.3
145°	743.6	744.3	744.9	745.6	746.2	746.7	747.2	747.7	748.2	748.2	748.2
147.5°	778.4	778.7	779.1	779.5	779.8	780.2	780.6	781.0	781.4	781.8	782.2
150°	801.2	801.0	800.9	800.7	801.0	801.6	802.3	802.9	803.7	803.7	803.7
152.5°	820.8	821.0	821.3	821.5	821.7	822.0	822.3	822.5	822.8	823.2	823.6
155°	850.1	850.1	850.1	850.1	850.2	850.4	850.5	850.7	850.9	851.5	852.2
157.5°	876.2	875.8	875.5	875.0	874.9	875.1	875.3	875.5	875.7	876.3	877.0
160°	891.6	891.1	890.6	890.1	889.9	890.1	890.3	890.4	890.6	891.3	891.9
162.5°	905.5	905.1	904.8	904.4	904.2	904.3	904.3	904.3	904.4	905.2	906.1
165°	924.0	923.7	923.3	923.0	922.9	923.1	923.2	923.4	923.6	924.2	924.9
167.5°	939.3	938.6	938.0	937.3	937.0	937.0	937.0	937.0	937.0	938.0	939.0
170°	947.7	947.0	946.3	945.6	945.3	945.3	945.3	945.3	945.3	946.3	947.4
172.5°	953.6	953.0	952.3	951.7	951.3	951.3	951.3	951.3	951.3	952.3	953.3
175°	960.4	959.8	959.1	958.4	958.1	958.1	958.1	958.1	958.1	959.1	960.1
177.5°	964.0	963.4	962.9	962.4	962.1	961.9	961.8	961.7	961.5	962.3	963.1
180°	963.3	963.3	963.3	963.3	963.3	963.3	963.3	963.3	963.3	963.3	963.3



TEST NUMBER: P333665-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A1

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°	14.5	15.3	16.0	16.5	17.0	17.5	18.0
92.5°	32.1	33.2	33.9	34.3	34.6	35.0	35.3
95°	61.2	62.4	63.1	63.5	63.8	64.1	64.4
97.5°	95.2	96.3	96.9	97.1	97.4	97.6	97.8
100°	119.2	120.7	121.6	122.0	122.3	122.6	122.9
102.5°	143.6	145.2	146.2	146.7	147.2	147.6	148.1
105°	182.2	183.2	183.9	184.4	184.9	185.4	185.9
107.5°	224.0	224.5	224.7	224.7	224.7	224.6	224.6
110°	253.4	253.9	254.1	253.9	253.7	253.6	253.4



TEST NUMBER: P333665-840

CATALOG NUMBER: S125RDIW-S610D770U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	282.6	282.8	282.8	282.5	282.2	281.9	281.6
115°	327.1	326.9	326.8	326.6	326.5	326.3	326.1
117.5°	372.3	372.5	372.2	371.6	370.9	370.2	369.6
120°	402.5	402.5	402.2	401.6	400.9	400.2	399.6
122.5°	432.1	432.0	431.7	431.1	430.6	430.1	429.6
125°	475.7	475.4	475.2	475.0	474.8	474.7	474.5
127.5°	519.5	519.3	519.1	518.8	518.4	518.1	517.8
130°	548.3	548.1	547.9	547.5	547.1	546.8	546.5
132.5°	575.8	575.7	575.3	574.9	574.4	574.0	573.5
135°	618.4	618.4	618.1	617.4	616.8	616.1	615.5
137.5°	660.0	660.2	659.8	659.0	658.2	657.4	656.5
140°	686.2	686.5	686.3	685.5	684.6	683.8	683.0
142.5°	711.6	711.8	711.4	710.6	709.8	708.9	708.1
145°	748.2	748.2	747.9	747.4	746.9	746.4	745.9
147.5°	782.6	783.0	782.6	781.5	780.4	779.3	778.2
150°	803.7	803.7	803.4	803.1	802.8	802.4	802.1
152.5°	824.0	824.5	824.4	823.7	823.1	822.5	821.9
155°	852.8	853.5	853.4	852.6	851.8	850.9	850.1
157.5°	877.6	878.3	878.1	877.0	875.9	874.7	873.6
160°	892.6	893.2	893.2	892.3	891.5	890.7	889.9
162.5°	906.8	907.6	907.6	906.6	905.5	904.6	903.6
165°	925.6	926.2	926.0	925.1	924.1	923.1	922.1
167.5°	940.0	940.9	940.9	939.9	938.9	937.9	936.8
170°	948.4	949.4	949.3	948.1	947.0	945.7	944.6
172.5°	954.3	955.3	955.3	954.3	953.2	952.2	951.2
175°	961.1	962.1	962.0	960.8	959.7	958.5	957.4
177.5°	963.9	964.7	964.6	963.7	962.8	961.9	960.9
180°	963.3	963.3	963.3	963.3	963.3	963.3	963.3

(END OF REPORT)