

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

Luminaire Tested: **S125RDIW-S610D770U835-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333665  
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-S610D770U835-4F0-1E-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**

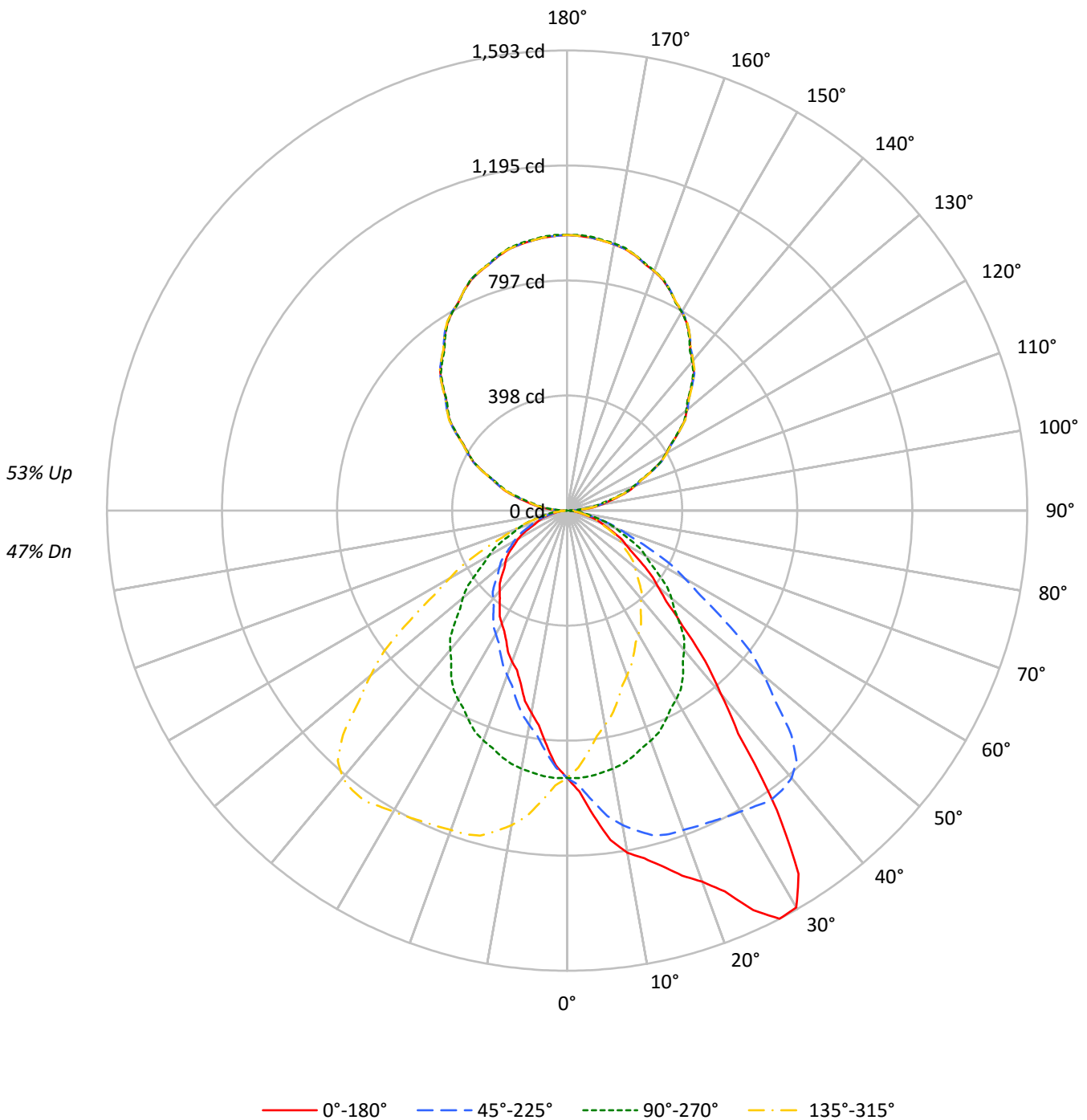
Lumens per Lamp: N/A  
Luminaire Lumens: 5061.4 lumens  
Efficiency: N/A  
Efficacy: 134.6 lumens/watt  
Spacing Criteria (0/90/45): 1.4 / 1.22 / 1.47  
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')  
CIE Type: General Diffuse  
  
Input Watts (W): 37.6  
Input Voltage (V): 120  
Input Current (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										
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	50	30	10	0														
RCR																																						
0	107	107	107	107	98	98	98	98	82	82	82	67	67	67	54	54	54	47																				
1	98	93	90	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41																				
2	89	82	76	71	82	76	71	66	64	60	57	53	50	48	43	41	39	35																				
3	82	72	65	60	75	67	61	56	57	52	48	47	44	41	38	36	34	30																				
4	75	64	57	51	69	59	53	48	50	45	41	42	38	35	34	32	30	26																				
5	69	57	49	44	63	53	46	41	45	40	36	38	34	31	31	28	26	23																				
6	63	51	44	38	58	48	41	36	41	35	31	34	30	27	28	25	23	20																				
7	59	47	39	33	54	43	36	31	37	32	28	31	27	24	26	23	20	18																				
8	54	42	35	29	50	39	33	28	34	28	25	29	24	21	24	21	18	16																				
9	51	39	31	26	47	36	29	25	31	26	22	26	22	19	22	19	17	14																				
10	47	35	28	24	44	33	27	22	29	23	20	24	20	17	20	17	15	13																				

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

	0°	90°	180°	270°
0°	5977	5977	5977	5977
5°	6876	5984	5285	5984
10°	7887	5954	4663	5954
15°	8519	5893	4145	5893
20°	9394	5822	3827	5822
25°	10871	5728	3552	5728
30°	11830	5629	3371	5629
35°	9979	5513	3205	5513
40°	6969	5306	3062	5306
45°	5170	5027	2922	5027
50°	4122	4736	2801	4736
55°	3498	4376	2694	4376
60°	3023	4053	2523	4053
65°	2694	3704	2172	3704
70°	2368	3393	1979	3393
75°	2049	2939	1859	2939
80°	1555	2473	1555	2473
85°	1297	1941	1467	1941



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	88.7	1.8
10°-20°	260.1	5.1
20°-30°	412.3	8.1
30°-40°	497.2	9.8
40°-50°	444.0	8.8
50°-60°	340.5	6.7
60°-70°	221.3	4.4
70°-80°	107.6	2.1
80°-90°	27.8	0.5
90°-100°	63.9	1.3
100°-110°	188.7	3.7
110°-120°	319.6	6.3
120°-130°	420.6	8.3
130°-140°	471.2	9.3
140°-150°	461.9	9.1
150°-160°	387.9	7.7
160°-170°	257.9	5.1
170°-180°	90.2	1.8
0°-30°	761.1	15.0
0°-40°	1258.3	24.9
0°-60°	2042.9	40.4
0°-90°	2399.6	47.4
90°-120°	572.1	11.3
90°-150°	1925.8	38.0
90°-180°	2662.0	52.6
0°-180°	5061.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	925	925	925	925	925	
5°	1061	923	815	923	1061	106
15°	1274	881	620	881	1274	365
25°	1526	804	498	804	1526	700
35°	1266	699	406	699	1266	765
45°	566	550	320	550	566	452
55°	311	389	239	389	311	282
65°	176	242	142	242	176	175
75°	82	118	74	118	82	87
85°	18	26	20	26	18	21
90°	18	1	18	1	18	11
95°	64	48	64	48	64	65
105°	184	169	184	169	184	195
115°	323	320	323	320	323	319
125°	470	467	470	467	470	420
135°	610	607	610	607	610	470
145°	739	736	739	736	739	461
155°	842	842	842	842	842	387
165°	913	915	913	915	913	257
175°	948	952	948	952	948	90
180°	954	954	954	954	954	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4
2.5°	973.4	972.8	974.0	970.6	971.0	965.8	965.8	961.8	956.7	952.7	950.9
5°	1060.6	1061.4	1059.8	1054.1	1050.3	1044.6	1038.2	1026.8	1017.3	1008.2	1001.0
7.5°	1150.4	1150.9	1145.9	1144.2	1134.6	1127.6	1113.3	1097.8	1084.0	1066.5	1053.2
10°	1202.7	1202.3	1197.0	1192.8	1184.4	1173.8	1159.7	1141.5	1124.4	1105.4	1087.2
12.5°	1233.1	1232.1	1230.4	1225.3	1217.6	1208.1	1196.2	1178.3	1157.2	1136.4	1115.2
15°	1274.1	1271.4	1266.5	1260.0	1249.0	1238.0	1224.7	1208.8	1188.6	1165.1	1145.3
17.5°	1324.8	1324.9	1317.3	1308.4	1293.4	1273.9	1253.4	1227.7	1200.3	1174.4	1153.4
20°	1366.8	1365.6	1358.0	1340.6	1323.5	1299.2	1275.6	1244.1	1210.7	1176.8	1150.6
22.5°	1426.9	1424.0	1416.1	1393.1	1366.6	1335.3	1299.3	1260.8	1220.4	1182.0	1147.6
25°	1525.6	1523.3	1507.7	1481.1	1443.9	1395.6	1348.5	1295.7	1237.6	1187.1	1145.3
27.5°	1593.0	1590.5	1579.0	1556.9	1522.5	1471.8	1408.0	1337.5	1264.9	1195.4	1135.1
30°	1586.3	1592.0	1590.5	1580.3	1554.4	1508.8	1450.0	1370.6	1284.3	1202.7	1130.9
32.5°	1490.9	1496.0	1509.4	1529.5	1531.0	1512.8	1468.8	1395.5	1306.2	1213.3	1127.5
35°	1265.7	1272.6	1298.4	1339.0	1392.2	1436.7	1445.8	1406.3	1326.1	1226.2	1122.5
37.5°	973.1	1010.5	1032.2	1075.0	1155.3	1237.1	1315.7	1344.7	1310.6	1220.9	1114.4
40°	826.6	835.7	874.5	922.7	990.3	1075.4	1187.5	1268.4	1271.0	1208.8	1101.6
42.5°	707.5	719.0	745.6	784.1	842.0	927.1	1042.8	1149.6	1199.0	1175.3	1084.9
45°	566.0	574.7	594.1	623.7	668.2	738.5	838.0	961.5	1059.5	1097.8	1040.1
47.5°	465.0	469.7	486.5	509.1	542.0	593.2	670.2	777.4	895.0	977.4	969.3
50°	410.3	415.6	428.5	445.6	473.3	516.6	578.2	667.4	788.6	889.3	909.4
52.5°	367.7	372.1	380.2	396.4	419.2	452.5	502.2	583.0	692.0	799.0	845.6
55°	310.7	313.8	320.2	329.3	347.6	371.5	414.4	470.3	558.4	666.3	734.7
57.5°	263.8	265.3	269.4	277.8	290.4	307.9	338.9	386.3	449.5	546.6	622.1
60°	234.0	235.5	240.8	246.5	256.4	272.4	296.7	329.7	390.5	470.7	547.0
62.5°	210.3	211.2	213.5	219.2	227.8	240.2	259.3	286.3	334.6	405.0	477.1
65°	176.3	176.6	177.4	182.0	187.3	196.4	208.9	227.9	264.4	317.6	381.4
67.5°	143.6	144.1	146.8	148.4	153.9	158.7	166.1	180.6	206.3	242.1	291.7
70°	125.4	125.0	127.6	129.5	131.4	137.1	142.1	153.8	169.8	197.2	238.6
72.5°	108.3	107.4	108.5	109.2	111.7	115.6	120.5	127.7	140.0	158.9	190.5
75°	82.1	82.4	82.4	83.2	85.1	86.6	88.1	91.9	98.8	111.3	128.4
77.5°	57.6	57.0	58.6	58.8	59.9	61.6	62.9	64.4	67.2	72.4	81.2
80°	41.8	41.8	42.2	43.3	42.9	43.7	45.6	47.1	50.5	53.6	56.6
82.5°	32.1	31.8	32.1	32.4	32.3	33.0	33.7	34.0	35.3	36.8	39.0
85°	17.5	17.5	17.9	17.9	18.2	18.2	18.6	18.6	18.6	19.0	19.4
87.5°	10.2	9.8	9.4	9.3	9.5	10.0	9.6	9.1	8.9	8.8	8.8
90°	17.8	17.3	16.8	16.3	15.8	15.2	14.4	13.5	12.7	11.9	10.7
92.5°	35.0	34.7	34.3	34.0	33.6	32.9	31.8	30.7	29.6	28.5	27.1
95°	63.8	63.5	63.2	62.9	62.5	61.8	60.6	59.5	58.3	57.2	55.5
97.5°	96.8	96.6	96.4	96.2	96.0	95.4	94.3	93.2	92.1	91.0	88.7
100°	121.7	121.4	121.1	120.8	120.4	119.5	118.0	116.5	115.1	113.6	111.4
102.5°	146.7	146.2	145.8	145.3	144.8	143.8	142.2	140.6	139.0	137.3	136.2
105°	184.1	183.6	183.1	182.6	182.1	181.4	180.4	179.4	178.4	177.4	176.4
107.5°	222.4	222.4	222.5	222.5	222.5	222.3	221.8	221.3	220.8	220.3	219.6
110°	250.9	251.1	251.2	251.4	251.6	251.4	250.9	250.4	249.9	249.4	248.9



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	278.8	279.1	279.4	279.7	280.0	280.0	279.8	279.6	279.4	279.1	278.5
115°	322.9	323.1	323.3	323.4	323.6	323.7	323.9	324.1	324.2	324.4	324.1
117.5°	366.0	366.6	367.3	368.0	368.6	368.9	368.7	368.6	368.5	368.4	368.1
120°	395.7	396.3	397.0	397.7	398.3	398.6	398.6	398.6	398.6	398.6	398.5
122.5°	425.4	425.9	426.4	426.9	427.5	427.8	427.9	428.1	428.2	428.3	427.9
125°	469.9	470.1	470.2	470.4	470.6	470.8	471.1	471.5	471.8	472.1	472.0
127.5°	512.7	513.0	513.3	513.7	514.0	514.2	514.4	514.6	514.7	514.9	514.7
130°	541.2	541.5	541.8	542.2	542.5	542.7	542.9	543.1	543.2	543.4	543.1
132.5°	567.9	568.4	568.8	569.3	569.7	570.1	570.2	570.4	570.6	570.7	570.8
135°	609.5	610.1	610.8	611.4	612.1	612.4	612.4	612.4	612.4	612.4	612.3
137.5°	650.1	651.0	651.8	652.6	653.4	653.8	653.6	653.4	653.2	653.0	652.6
140°	676.3	677.1	677.9	678.8	679.6	679.8	679.5	679.2	678.8	678.5	678.0
142.5°	701.2	702.0	702.9	703.7	704.5	704.8	704.6	704.4	704.2	704.0	703.4
145°	738.6	739.1	739.6	740.1	740.6	740.9	740.9	740.9	740.9	740.9	740.4
147.5°	770.6	771.7	772.8	773.9	775.0	775.4	775.0	774.6	774.2	773.8	773.4
150°	794.3	794.6	795.0	795.3	795.6	795.8	795.8	795.8	795.8	795.8	795.1
152.5°	813.9	814.5	815.1	815.7	816.3	816.4	816.0	815.6	815.2	814.8	814.5
155°	841.8	842.6	843.5	844.3	845.1	845.2	844.5	843.9	843.2	842.6	842.4
157.5°	865.1	866.2	867.3	868.4	869.5	869.7	869.0	868.4	867.7	867.1	866.9
160°	881.2	882.0	882.8	883.6	884.5	884.5	883.9	883.2	882.6	881.9	881.7
162.5°	894.8	895.8	896.7	897.7	898.7	898.7	897.9	897.2	896.4	895.6	895.5
165°	913.1	914.1	915.1	916.1	917.0	917.2	916.6	915.9	915.2	914.6	914.4
167.5°	927.6	928.7	929.7	930.7	931.7	931.7	930.8	929.8	928.8	927.8	927.8
170°	935.4	936.5	937.7	938.8	940.0	940.1	939.1	938.1	937.1	936.1	936.1
172.5°	941.9	942.9	943.9	945.0	946.0	946.0	945.0	944.0	943.0	942.0	942.0
175°	948.0	949.1	950.3	951.4	952.6	952.7	951.7	950.7	949.7	948.7	948.7
177.5°	951.5	952.5	953.4	954.3	955.2	955.3	954.5	953.7	952.9	952.1	952.3
180°	953.9	953.9	953.9	953.9	953.9	953.9	953.9	953.9	953.9	953.9	953.9



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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4
2.5°	950.9	948.8	944.8	941.2	936.6	932.7	929.9	926.6	922.3	917.2	912.9
5°	993.0	984.6	973.6	964.1	952.0	942.5	932.6	923.1	913.6	901.4	890.8
7.5°	1039.6	1022.4	1005.6	984.5	965.3	948.2	931.8	915.2	898.9	881.7	865.0
10°	1068.2	1047.3	1024.1	997.5	973.2	950.1	928.8	907.9	885.9	866.5	845.6
12.5°	1094.9	1068.0	1041.5	1007.9	978.7	950.4	923.3	897.3	873.7	848.6	826.1
15°	1119.1	1092.5	1062.9	1021.9	981.2	947.0	915.1	881.3	852.1	823.9	798.9
17.5°	1128.4	1100.6	1066.1	1026.7	982.3	939.3	898.2	861.1	826.7	793.9	765.7
20°	1124.8	1097.8	1062.5	1024.9	977.4	932.6	888.1	847.1	808.7	774.2	744.2
22.5°	1116.0	1088.1	1054.0	1014.3	969.2	921.6	874.2	830.4	790.2	754.4	721.7
25°	1102.8	1064.8	1029.8	991.1	948.2	901.1	852.1	803.8	760.9	724.4	688.7
27.5°	1089.0	1041.6	997.2	958.6	913.3	871.3	824.0	774.6	729.4	692.3	655.7
30°	1076.6	1023.4	974.4	930.7	887.8	847.9	803.0	754.8	708.5	670.1	632.9
32.5°	1061.1	1004.5	950.7	900.3	858.9	819.3	778.7	732.6	687.5	647.9	610.1
35°	1041.6	969.4	910.9	857.4	811.4	773.0	736.6	699.3	654.1	613.1	576.3
37.5°	1016.1	934.2	866.5	808.1	759.7	721.1	692.4	658.3	617.1	577.8	543.6
40°	1000.6	908.7	834.6	776.8	725.9	685.3	658.3	629.4	591.8	555.0	520.8
42.5°	979.9	885.3	802.4	742.2	691.0	651.9	624.6	599.4	567.8	533.1	496.5
45°	939.4	839.9	752.9	688.3	636.7	598.3	572.8	550.4	526.5	494.6	462.7
47.5°	886.7	792.6	701.5	631.0	580.4	544.8	520.1	502.4	485.3	458.2	427.2
50°	844.5	753.7	664.8	596.4	542.5	508.6	485.5	471.4	455.8	431.2	405.3
52.5°	794.6	713.6	626.5	556.6	505.7	474.0	451.7	437.7	424.8	404.7	380.1
55°	716.1	645.0	565.2	501.8	455.1	423.2	401.9	388.6	381.0	363.9	344.5
57.5°	625.4	574.5	504.2	443.0	401.7	370.1	354.6	343.3	334.7	322.6	308.9
60°	562.2	526.5	463.4	405.3	367.3	337.3	323.3	313.8	305.8	295.5	284.9
62.5°	498.1	472.1	417.3	367.3	332.4	307.2	294.1	285.5	276.3	269.4	259.1
65°	412.2	389.0	351.0	311.9	279.6	259.5	250.0	242.4	236.7	229.1	221.8
67.5°	320.6	311.2	285.0	258.0	234.8	216.9	208.7	203.4	196.5	192.0	187.0
70°	264.4	259.8	241.2	223.4	201.7	189.6	182.0	179.7	171.3	166.8	163.3
72.5°	214.6	212.4	201.7	189.3	174.1	163.4	156.4	153.8	148.5	144.9	142.7
75°	147.0	147.8	145.9	137.9	132.2	125.4	119.3	117.8	114.0	110.9	109.0
77.5°	93.0	96.9	97.0	96.6	94.4	90.2	87.7	86.5	82.8	81.7	81.2
80°	63.8	68.0	71.8	71.4	70.7	69.5	67.6	66.5	64.6	63.4	62.7
82.5°	42.5	46.4	49.6	51.7	51.5	50.4	49.1	48.5	48.2	47.3	47.2
85°	20.1	20.9	22.0	24.7	26.6	27.0	26.6	26.2	25.1	25.5	25.8
87.5°	8.9	8.7	8.7	8.5	7.9	9.2	9.8	9.9	9.5	9.2	8.8
90°	9.6	8.4	7.3	6.0	4.7	3.4	2.1	0.7	2.1	3.4	4.7
92.5°	25.7	24.3	22.8	21.7	20.7	19.8	18.9	18.0	18.9	19.8	20.7
95°	53.9	52.2	50.6	49.6	49.2	48.9	48.6	48.3	48.6	48.9	49.2
97.5°	86.5	84.2	81.9	80.7	80.6	80.4	80.3	80.2	80.3	80.4	80.6
100°	109.3	107.1	105.0	103.9	103.9	103.9	103.9	103.9	103.9	103.9	103.9
102.5°	135.2	134.1	133.0	132.1	131.4	130.8	130.1	129.5	130.1	130.8	131.4
105°	175.4	174.5	173.5	172.6	171.7	170.9	170.1	169.3	170.1	170.9	171.7
107.5°	218.8	218.1	217.3	216.5	215.7	214.9	214.0	213.2	214.0	214.9	215.7
110°	248.4	247.9	247.4	246.8	246.0	245.1	244.3	243.5	244.3	245.1	246.0





TEST NUMBER: P333665

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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	277.9	277.2	276.6	276.1	275.7	275.2	274.8	274.4	274.8	275.2	275.7
115°	323.7	323.4	323.1	322.6	321.9	321.3	320.6	320.0	320.6	321.3	321.9
117.5°	367.8	367.5	367.2	366.9	366.6	366.3	366.0	365.7	366.0	366.3	366.6
120°	398.3	398.1	398.0	397.5	396.7	395.8	395.0	394.2	395.0	395.8	396.7
122.5°	427.5	427.0	426.6	426.3	426.0	425.7	425.4	425.1	425.4	425.7	426.0
125°	471.8	471.6	471.5	470.9	469.9	468.9	467.9	466.9	467.9	468.9	469.9
127.5°	514.5	514.3	514.1	513.7	513.2	512.6	512.0	511.5	512.0	512.6	513.2
130°	542.7	542.4	542.1	541.5	540.7	539.9	539.0	538.2	539.0	539.9	540.7
132.5°	570.8	570.9	571.0	570.3	569.0	567.6	566.3	564.9	566.3	567.6	569.0
135°	612.1	611.9	611.8	611.2	610.2	609.2	608.2	607.2	608.2	609.2	610.2
137.5°	652.2	651.9	651.5	650.9	649.9	648.9	648.0	647.0	648.0	648.9	649.9
140°	677.5	677.0	676.5	675.9	675.0	674.2	673.4	672.6	673.4	674.2	675.0
142.5°	702.8	702.2	701.5	700.9	700.2	699.5	698.8	698.1	698.8	699.5	700.2
145°	739.9	739.4	738.9	738.3	737.6	737.0	736.3	735.7	736.3	737.0	737.6
147.5°	773.0	772.6	772.2	771.9	771.5	771.1	770.8	770.4	770.8	771.1	771.5
150°	794.5	793.8	793.2	792.9	793.1	793.2	793.4	793.6	793.4	793.2	793.1
152.5°	814.3	814.0	813.7	813.5	813.3	813.0	812.8	812.6	812.8	813.0	813.3
155°	842.2	842.1	841.9	841.8	841.8	841.8	841.8	841.8	841.8	841.8	841.8
157.5°	866.7	866.6	866.4	866.5	866.9	867.2	867.6	868.0	867.6	867.2	866.9
160°	881.6	881.4	881.2	881.4	881.9	882.4	882.9	883.4	882.9	882.4	881.9
162.5°	895.5	895.5	895.4	895.6	896.0	896.3	896.7	897.1	896.7	896.3	896.0
165°	914.2	914.1	913.9	914.0	914.3	914.7	915.0	915.3	915.0	914.7	914.3
167.5°	927.8	927.8	927.8	928.1	928.8	929.4	930.1	930.8	930.1	929.4	928.8
170°	936.1	936.1	936.1	936.4	937.1	937.7	938.4	939.1	938.4	937.7	937.1
172.5°	942.0	942.0	942.0	942.4	943.0	943.7	944.3	945.0	944.3	943.7	943.0
175°	948.7	948.7	948.7	949.0	949.7	950.4	951.0	951.7	951.0	950.4	949.7
177.5°	952.4	952.5	952.7	953.0	953.5	954.0	954.6	955.1	954.6	954.0	953.5
180°	953.9	953.9	953.9	953.9	953.9	953.9	953.9	953.9	953.9	953.9	953.9



TEST NUMBER: P333665

CATALOG NUMBER: S125RDIW-S610D770U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4
2.5°	909.9	905.6	902.6	896.5	892.2	890.4	887.1	886.2	889.5	887.1	886.8
5°	882.8	871.8	863.1	854.3	844.8	838.8	829.6	828.1	825.8	822.4	821.7
7.5°	850.4	836.0	824.8	810.3	797.8	787.7	776.3	770.9	767.9	763.5	757.6
10°	828.5	811.4	796.2	781.8	766.2	753.7	742.3	733.5	727.8	722.5	720.2
12.5°	806.9	789.5	770.1	752.6	735.2	721.1	708.5	702.8	696.5	690.3	685.0
15°	773.4	750.2	729.0	708.8	694.0	678.8	666.7	658.3	648.8	646.2	635.9
17.5°	737.9	715.1	690.2	669.0	651.9	635.1	621.8	612.3	605.1	595.3	590.6
20°	715.7	688.7	664.4	645.0	626.0	606.3	592.6	584.6	577.8	569.8	566.0
22.5°	692.0	665.6	640.7	618.0	598.7	579.2	569.5	561.2	553.5	546.1	541.1
25°	657.2	630.6	604.4	580.8	560.7	546.6	535.2	525.7	521.6	514.3	509.0
27.5°	622.8	594.5	567.3	543.8	528.0	514.1	504.8	497.3	489.7	483.4	478.8
30°	600.6	571.7	542.1	523.5	506.7	493.5	483.2	476.0	470.3	464.6	461.2
32.5°	578.4	548.6	522.3	502.2	486.4	474.9	464.4	457.4	451.4	445.1	441.1
35°	542.8	512.4	491.2	471.4	455.8	445.2	438.0	428.1	423.2	418.6	414.4
37.5°	509.8	481.5	458.5	441.2	427.7	417.1	407.8	402.4	396.4	392.3	388.8
40°	485.5	459.6	438.8	420.5	410.6	398.9	390.1	383.3	378.7	373.4	369.6
42.5°	463.6	439.6	419.3	402.9	390.6	380.6	372.2	365.4	359.6	355.8	352.6
45°	432.7	408.7	389.0	373.8	362.4	352.9	344.2	340.7	333.1	328.6	327.1
47.5°	400.7	379.3	360.2	346.2	334.5	325.5	317.3	310.4	306.2	301.7	299.3
50°	379.1	358.6	340.7	327.1	315.7	305.8	298.2	293.6	287.9	283.8	280.7
52.5°	357.5	338.5	320.7	307.6	297.7	287.9	279.4	274.8	269.4	266.7	264.6
55°	326.7	306.6	291.4	278.4	268.2	259.1	251.1	246.5	243.1	240.5	239.7
57.5°	291.7	275.8	261.7	250.0	239.4	230.8	223.8	219.5	216.5	216.1	213.8
60°	268.9	254.5	241.6	229.1	219.9	212.0	205.9	201.0	197.9	197.5	196.8
62.5°	246.2	232.3	220.3	209.3	201.1	193.4	187.7	182.1	180.3	178.4	176.7
65°	212.3	199.8	189.9	181.2	172.5	166.0	160.3	156.9	152.7	150.4	146.3
67.5°	179.1	169.4	159.9	152.6	145.7	139.6	134.9	129.8	127.0	125.1	122.1
70°	157.3	149.7	140.2	132.2	126.9	121.9	118.1	112.4	110.5	109.0	107.5
72.5°	136.6	129.9	121.9	115.5	110.2	105.5	101.1	98.5	96.6	95.0	94.1
75°	107.5	101.0	94.2	89.6	85.9	82.1	79.8	77.9	77.1	76.7	75.2
77.5°	78.9	75.5	70.0	66.4	63.9	62.4	60.3	59.3	59.3	57.6	57.1
80°	60.4	58.5	53.9	52.4	50.5	49.0	47.9	46.0	44.1	43.3	42.2
82.5°	44.9	43.0	41.2	38.7	37.2	36.2	35.1	34.4	34.6	33.6	33.0
85°	23.9	22.0	21.3	20.9	20.1	20.9	20.5	20.1	19.8	19.4	19.8
87.5°	8.8	9.0	9.0	9.8	9.1	9.7	9.8	9.7	9.9	10.0	9.9
90°	6.0	7.3	8.4	9.6	10.7	11.9	12.7	13.5	14.4	15.2	15.8
92.5°	21.7	22.8	24.3	25.7	27.1	28.5	29.6	30.7	31.8	32.9	33.6
95°	49.6	50.6	52.2	53.9	55.5	57.2	58.3	59.5	60.6	61.8	62.5
97.5°	80.7	81.9	84.2	86.5	88.7	91.0	92.1	93.2	94.3	95.4	96.0
100°	103.9	105.0	107.1	109.3	111.4	113.6	115.1	116.5	118.0	119.5	120.4
102.5°	132.1	133.0	134.1	135.2	136.2	137.3	139.0	140.6	142.2	143.8	144.8
105°	172.6	173.5	174.5	175.4	176.4	177.4	178.4	179.4	180.4	181.4	182.1
107.5°	216.5	217.3	218.1	218.8	219.6	220.3	220.8	221.3	221.8	222.3	222.5
110°	246.8	247.4	247.9	248.4	248.9	249.4	249.9	250.4	250.9	251.4	251.6



TEST NUMBER: P333665

CATALOG NUMBER: S125RDIW-S610D770U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	276.1	276.6	277.2	277.9	278.5	279.1	279.4	279.6	279.8	280.0	280.0
115°	322.6	323.1	323.4	323.7	324.1	324.4	324.2	324.1	323.9	323.7	323.6
117.5°	366.9	367.2	367.5	367.8	368.1	368.4	368.5	368.6	368.7	368.9	368.6
120°	397.5	398.0	398.1	398.3	398.5	398.6	398.6	398.6	398.6	398.6	398.3
122.5°	426.3	426.6	427.0	427.5	427.9	428.3	428.2	428.1	427.9	427.8	427.5
125°	470.9	471.5	471.6	471.8	472.0	472.1	471.8	471.5	471.1	470.8	470.6
127.5°	513.7	514.1	514.3	514.5	514.7	514.9	514.7	514.6	514.4	514.2	514.0
130°	541.5	542.1	542.4	542.7	543.1	543.4	543.2	543.1	542.9	542.7	542.5
132.5°	570.3	571.0	570.9	570.8	570.8	570.7	570.6	570.4	570.2	570.1	569.7
135°	611.2	611.8	611.9	612.1	612.3	612.4	612.4	612.4	612.4	612.4	612.1
137.5°	650.9	651.5	651.9	652.2	652.6	653.0	653.2	653.4	653.6	653.8	653.4
140°	675.9	676.5	677.0	677.5	678.0	678.5	678.8	679.2	679.5	679.8	679.6
142.5°	700.9	701.5	702.2	702.8	703.4	704.0	704.2	704.4	704.6	704.8	704.5
145°	738.3	738.9	739.4	739.9	740.4	740.9	740.9	740.9	740.9	740.9	740.6
147.5°	771.9	772.2	772.6	773.0	773.4	773.8	774.2	774.6	775.0	775.4	775.0
150°	792.9	793.2	793.8	794.5	795.1	795.8	795.8	795.8	795.8	795.8	795.6
152.5°	813.5	813.7	814.0	814.3	814.5	814.8	815.2	815.6	816.0	816.4	816.3
155°	841.8	841.9	842.1	842.2	842.4	842.6	843.2	843.9	844.5	845.2	845.1
157.5°	866.5	866.4	866.6	866.7	866.9	867.1	867.7	868.4	869.0	869.7	869.5
160°	881.4	881.2	881.4	881.6	881.7	881.9	882.6	883.2	883.9	884.5	884.5
162.5°	895.6	895.4	895.5	895.5	895.5	895.6	896.4	897.2	897.9	898.7	898.7
165°	914.0	913.9	914.1	914.2	914.4	914.6	915.2	915.9	916.6	917.2	917.0
167.5°	928.1	927.8	927.8	927.8	927.8	927.8	928.8	929.8	930.8	931.7	931.7
170°	936.4	936.1	936.1	936.1	936.1	936.1	937.1	938.1	939.1	940.1	940.0
172.5°	942.4	942.0	942.0	942.0	942.0	942.0	943.0	944.0	945.0	946.0	946.0
175°	949.0	948.7	948.7	948.7	948.7	948.7	949.7	950.7	951.7	952.7	952.6
177.5°	953.0	952.7	952.5	952.4	952.3	952.1	952.9	953.7	954.5	955.3	955.2
180°	953.9	953.9	953.9	953.9	953.9	953.9	953.9	953.9	953.9	953.9	953.9



TEST NUMBER: P333665

CATALOG NUMBER: S125RDIW-S610D770U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4
2.5°	886.5	883.1	882.2	883.4	882.2	883.1	886.5	886.8	887.1	889.5	886.2
5°	817.9	814.1	816.0	815.2	816.0	814.1	817.9	821.7	822.4	825.8	828.1
7.5°	757.5	752.8	747.8	749.4	747.8	752.8	757.5	757.6	763.5	767.9	770.9
10°	715.3	711.5	709.2	711.1	709.2	711.5	715.3	720.2	722.5	727.8	733.5
12.5°	679.7	677.5	675.5	674.7	675.5	677.5	679.7	685.0	690.3	696.5	702.8
15°	631.3	626.8	624.9	620.0	624.9	626.8	631.3	635.9	646.2	648.8	658.3
17.5°	586.7	585.2	580.3	578.2	580.3	585.2	586.7	590.6	595.3	605.1	612.3
20°	560.3	558.8	553.9	556.9	553.9	558.8	560.3	566.0	569.8	577.8	584.6
22.5°	538.4	535.1	533.5	532.6	533.5	535.1	538.4	541.1	546.1	553.5	561.2
25°	507.5	502.6	500.7	498.4	500.7	502.6	507.5	509.0	514.3	521.6	525.7
27.5°	476.7	474.0	471.5	470.9	471.5	474.0	476.7	478.8	483.4	489.7	497.3
30°	456.6	453.9	452.0	452.0	452.0	453.9	456.6	461.2	464.6	470.3	476.0
32.5°	438.7	436.6	434.7	434.4	434.7	436.6	438.7	441.1	445.1	451.4	457.4
35°	412.5	409.5	408.7	406.5	408.7	409.5	412.5	414.4	418.6	423.2	428.1
37.5°	385.4	382.9	382.8	382.6	382.8	382.9	385.4	388.8	392.3	396.4	402.4
40°	368.1	366.2	365.8	363.2	365.8	366.2	368.1	369.6	373.4	378.7	383.3
42.5°	349.6	348.6	347.3	346.1	347.3	348.6	349.6	352.6	355.8	359.6	365.4
45°	324.4	321.8	321.8	319.9	321.8	321.8	324.4	327.1	328.6	333.1	340.7
47.5°	298.4	296.4	296.6	294.6	296.6	296.4	298.4	299.3	301.7	306.2	310.4
50°	281.1	280.0	279.6	278.8	279.6	280.0	281.1	280.7	283.8	287.9	293.6
52.5°	263.8	263.3	264.7	263.0	264.7	263.3	263.8	264.6	266.7	269.4	274.8
55°	240.5	239.3	241.6	239.3	241.6	239.3	240.5	239.7	240.5	243.1	246.5
57.5°	213.6	212.6	214.6	213.5	214.6	212.6	213.6	213.8	216.1	216.5	219.5
60°	196.0	193.7	194.9	195.3	194.9	193.7	196.0	196.8	197.5	197.9	201.0
62.5°	175.0	173.7	174.5	172.8	174.5	173.7	175.0	176.7	178.4	180.3	182.1
65°	145.5	144.4	142.8	142.1	142.8	144.4	145.5	146.3	150.4	152.7	156.9
67.5°	122.2	119.5	119.4	120.0	119.4	119.5	122.2	122.1	125.1	127.0	129.8
70°	105.2	105.2	104.8	104.8	104.8	105.2	105.2	107.5	109.0	110.5	112.4
72.5°	93.4	93.1	92.4	92.1	92.4	93.1	93.4	94.1	95.0	96.6	98.5
75°	75.2	75.6	74.8	74.5	74.8	75.6	75.2	75.2	76.7	77.1	77.9
77.5°	55.5	53.9	54.8	53.9	54.8	53.9	55.5	57.1	57.6	59.3	59.3
80°	42.2	41.8	42.9	41.8	42.9	41.8	42.2	42.2	43.3	44.1	46.0
82.5°	33.4	33.0	33.5	32.7	33.5	33.0	33.4	33.0	33.6	34.6	34.4
85°	20.1	19.8	19.4	19.8	19.4	19.8	20.1	19.8	19.4	19.8	20.1
87.5°	10.3	10.1	10.2	10.2	10.2	10.1	10.3	9.9	10.0	9.9	9.7
90°	16.3	16.8	17.3	17.8	17.3	16.8	16.3	15.8	15.2	14.4	13.5
92.5°	34.0	34.3	34.7	35.0	34.7	34.3	34.0	33.6	32.9	31.8	30.7
95°	62.9	63.2	63.5	63.8	63.5	63.2	62.9	62.5	61.8	60.6	59.5
97.5°	96.2	96.4	96.6	96.8	96.6	96.4	96.2	96.0	95.4	94.3	93.2
100°	120.8	121.1	121.4	121.7	121.4	121.1	120.8	120.4	119.5	118.0	116.5
102.5°	145.3	145.8	146.2	146.7	146.2	145.8	145.3	144.8	143.8	142.2	140.6
105°	182.6	183.1	183.6	184.1	183.6	183.1	182.6	182.1	181.4	180.4	179.4
107.5°	222.5	222.5	222.4	222.4	222.4	222.5	222.5	222.5	222.3	221.8	221.3
110°	251.4	251.2	251.1	250.9	251.1	251.2	251.4	251.6	251.4	250.9	250.4



TEST NUMBER: P333665

CATALOG NUMBER: S125RDIW-S610D770U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	279.7	279.4	279.1	278.8	279.1	279.4	279.7	280.0	280.0	279.8	279.6
115°	323.4	323.3	323.1	322.9	323.1	323.3	323.4	323.6	323.7	323.9	324.1
117.5°	368.0	367.3	366.6	366.0	366.6	367.3	368.0	368.6	368.9	368.7	368.6
120°	397.7	397.0	396.3	395.7	396.3	397.0	397.7	398.3	398.6	398.6	398.6
122.5°	426.9	426.4	425.9	425.4	425.9	426.4	426.9	427.5	427.8	427.9	428.1
125°	470.4	470.2	470.1	469.9	470.1	470.2	470.4	470.6	470.8	471.1	471.5
127.5°	513.7	513.3	513.0	512.7	513.0	513.3	513.7	514.0	514.2	514.4	514.6
130°	542.2	541.8	541.5	541.2	541.5	541.8	542.2	542.5	542.7	542.9	543.1
132.5°	569.3	568.8	568.4	567.9	568.4	568.8	569.3	569.7	570.1	570.2	570.4
135°	611.4	610.8	610.1	609.5	610.1	610.8	611.4	612.1	612.4	612.4	612.4
137.5°	652.6	651.8	651.0	650.1	651.0	651.8	652.6	653.4	653.8	653.6	653.4
140°	678.8	677.9	677.1	676.3	677.1	677.9	678.8	679.6	679.8	679.5	679.2
142.5°	703.7	702.9	702.0	701.2	702.0	702.9	703.7	704.5	704.8	704.6	704.4
145°	740.1	739.6	739.1	738.6	739.1	739.6	740.1	740.6	740.9	740.9	740.9
147.5°	773.9	772.8	771.7	770.6	771.7	772.8	773.9	775.0	775.4	775.0	774.6
150°	795.3	795.0	794.6	794.3	794.6	795.0	795.3	795.6	795.8	795.8	795.8
152.5°	815.7	815.1	814.5	813.9	814.5	815.1	815.7	816.3	816.4	816.0	815.6
155°	844.3	843.5	842.6	841.8	842.6	843.5	844.3	845.1	845.2	844.5	843.9
157.5°	868.4	867.3	866.2	865.1	866.2	867.3	868.4	869.5	869.7	869.0	868.4
160°	883.6	882.8	882.0	881.2	882.0	882.8	883.6	884.5	884.5	883.9	883.2
162.5°	897.7	896.7	895.8	894.8	895.8	896.7	897.7	898.7	898.7	897.9	897.2
165°	916.1	915.1	914.1	913.1	914.1	915.1	916.1	917.0	917.2	916.6	915.9
167.5°	930.7	929.7	928.7	927.6	928.7	929.7	930.7	931.7	931.7	930.8	929.8
170°	938.8	937.7	936.5	935.4	936.5	937.7	938.8	940.0	940.1	939.1	938.1
172.5°	945.0	943.9	942.9	941.9	942.9	943.9	945.0	946.0	946.0	945.0	944.0
175°	951.4	950.3	949.1	948.0	949.1	950.3	951.4	952.6	952.7	951.7	950.7
177.5°	954.3	953.4	952.5	951.5	952.5	953.4	954.3	955.2	955.3	954.5	953.7
180°	953.9	953.9	953.9	953.9	953.9	953.9	953.9	953.9	953.9	953.9	953.9



TEST NUMBER: P333665

CATALOG NUMBER: S125RDIW-S610D770U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4
2.5°	887.1	890.4	892.2	896.5	902.6	905.6	909.9	912.9	917.2	922.3	926.6
5°	829.6	838.8	844.8	854.3	863.1	871.8	882.8	890.8	901.4	913.6	923.1
7.5°	776.3	787.7	797.8	810.3	824.8	836.0	850.4	865.0	881.7	898.9	915.2
10°	742.3	753.7	766.2	781.8	796.2	811.4	828.5	845.6	866.5	885.9	907.9
12.5°	708.5	721.1	735.2	752.6	770.1	789.5	806.9	826.1	848.6	873.7	897.3
15°	666.7	678.8	694.0	708.8	729.0	750.2	773.4	798.9	823.9	852.1	881.3
17.5°	621.8	635.1	651.9	669.0	690.2	715.1	737.9	765.7	793.9	826.7	861.1
20°	592.6	606.3	626.0	645.0	664.4	688.7	715.7	744.2	774.2	808.7	847.1
22.5°	569.5	579.2	598.7	618.0	640.7	665.6	692.0	721.7	754.4	790.2	830.4
25°	535.2	546.6	560.7	580.8	604.4	630.6	657.2	688.7	724.4	760.9	803.8
27.5°	504.8	514.1	528.0	543.8	567.3	594.5	622.8	655.7	692.3	729.4	774.6
30°	483.2	493.5	506.7	523.5	542.1	571.7	600.6	632.9	670.1	708.5	754.8
32.5°	464.4	474.9	486.4	502.2	522.3	548.6	578.4	610.1	647.9	687.5	732.6
35°	438.0	445.2	455.8	471.4	491.2	512.4	542.8	576.3	613.1	654.1	699.3
37.5°	407.8	417.1	427.7	441.2	458.5	481.5	509.8	543.6	577.8	617.1	658.3
40°	390.1	398.9	410.6	420.5	438.8	459.6	485.5	520.8	555.0	591.8	629.4
42.5°	372.2	380.6	390.6	402.9	419.3	439.6	463.6	496.5	533.1	567.8	599.4
45°	344.2	352.9	362.4	373.8	389.0	408.7	432.7	462.7	494.6	526.5	550.4
47.5°	317.3	325.5	334.5	346.2	360.2	379.3	400.7	427.2	458.2	485.3	502.4
50°	298.2	305.8	315.7	327.1	340.7	358.6	379.1	405.3	431.2	455.8	471.4
52.5°	279.4	287.9	297.7	307.6	320.7	338.5	357.5	380.1	404.7	424.8	437.7
55°	251.1	259.1	268.2	278.4	291.4	306.6	326.7	344.5	363.9	381.0	388.6
57.5°	223.8	230.8	239.4	250.0	261.7	275.8	291.7	308.9	322.6	334.7	343.3
60°	205.9	212.0	219.9	229.1	241.6	254.5	268.9	284.9	295.5	305.8	313.8
62.5°	187.7	193.4	201.1	209.3	220.3	232.3	246.2	259.1	269.4	276.3	285.5
65°	160.3	166.0	172.5	181.2	189.9	199.8	212.3	221.8	229.1	236.7	242.4
67.5°	134.9	139.6	145.7	152.6	159.9	169.4	179.1	187.0	192.0	196.5	203.4
70°	118.1	121.9	126.9	132.2	140.2	149.7	157.3	163.3	166.8	171.3	179.7
72.5°	101.1	105.5	110.2	115.5	121.9	129.9	136.6	142.7	144.9	148.5	153.8
75°	79.8	82.1	85.9	89.6	94.2	101.0	107.5	109.0	110.9	114.0	117.8
77.5°	60.3	62.4	63.9	66.4	70.0	75.5	78.9	81.2	81.7	82.8	86.5
80°	47.9	49.0	50.5	52.4	53.9	58.5	60.4	62.7	63.4	64.6	66.5
82.5°	35.1	36.2	37.2	38.7	41.2	43.0	44.9	47.2	47.3	48.2	48.5
85°	20.5	20.9	20.1	20.9	21.3	22.0	23.9	25.8	25.5	25.1	26.2
87.5°	9.8	9.7	9.1	9.8	9.0	9.0	8.8	8.8	9.2	9.5	9.9
90°	12.7	11.9	10.7	9.6	8.4	7.3	6.0	4.7	3.4	2.1	0.7
92.5°	29.6	28.5	27.1	25.7	24.3	22.8	21.7	20.7	19.8	18.9	18.0
95°	58.3	57.2	55.5	53.9	52.2	50.6	49.6	49.2	48.9	48.6	48.3
97.5°	92.1	91.0	88.7	86.5	84.2	81.9	80.7	80.6	80.4	80.3	80.2
100°	115.1	113.6	111.4	109.3	107.1	105.0	103.9	103.9	103.9	103.9	103.9
102.5°	139.0	137.3	136.2	135.2	134.1	133.0	132.1	131.4	130.8	130.1	129.5
105°	178.4	177.4	176.4	175.4	174.5	173.5	172.6	171.7	170.9	170.1	169.3
107.5°	220.8	220.3	219.6	218.8	218.1	217.3	216.5	215.7	214.9	214.0	213.2
110°	249.9	249.4	248.9	248.4	247.9	247.4	246.8	246.0	245.1	244.3	243.5



TEST NUMBER: P333665

CATALOG NUMBER: S125RDIW-S610D770U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	279.4	279.1	278.5	277.9	277.2	276.6	276.1	275.7	275.2	274.8	274.4
115°	324.2	324.4	324.1	323.7	323.4	323.1	322.6	321.9	321.3	320.6	320.0
117.5°	368.5	368.4	368.1	367.8	367.5	367.2	366.9	366.6	366.3	366.0	365.7
120°	398.6	398.6	398.5	398.3	398.1	398.0	397.5	396.7	395.8	395.0	394.2
122.5°	428.2	428.3	427.9	427.5	427.0	426.6	426.3	426.0	425.7	425.4	425.1
125°	471.8	472.1	472.0	471.8	471.6	471.5	470.9	469.9	468.9	467.9	466.9
127.5°	514.7	514.9	514.7	514.5	514.3	514.1	513.7	513.2	512.6	512.0	511.5
130°	543.2	543.4	543.1	542.7	542.4	542.1	541.5	540.7	539.9	539.0	538.2
132.5°	570.6	570.7	570.8	570.8	570.9	571.0	570.3	569.0	567.6	566.3	564.9
135°	612.4	612.4	612.3	612.1	611.9	611.8	611.2	610.2	609.2	608.2	607.2
137.5°	653.2	653.0	652.6	652.2	651.9	651.5	650.9	649.9	648.9	648.0	647.0
140°	678.8	678.5	678.0	677.5	677.0	676.5	675.9	675.0	674.2	673.4	672.6
142.5°	704.2	704.0	703.4	702.8	702.2	701.5	700.9	700.2	699.5	698.8	698.1
145°	740.9	740.9	740.4	739.9	739.4	738.9	738.3	737.6	737.0	736.3	735.7
147.5°	774.2	773.8	773.4	773.0	772.6	772.2	771.9	771.5	771.1	770.8	770.4
150°	795.8	795.8	795.1	794.5	793.8	793.2	792.9	793.1	793.2	793.4	793.6
152.5°	815.2	814.8	814.5	814.3	814.0	813.7	813.5	813.3	813.0	812.8	812.6
155°	843.2	842.6	842.4	842.2	842.1	841.9	841.8	841.8	841.8	841.8	841.8
157.5°	867.7	867.1	866.9	866.7	866.6	866.4	866.5	866.9	867.2	867.6	868.0
160°	882.6	881.9	881.7	881.6	881.4	881.2	881.4	881.9	882.4	882.9	883.4
162.5°	896.4	895.6	895.5	895.5	895.5	895.4	895.6	896.0	896.3	896.7	897.1
165°	915.2	914.6	914.4	914.2	914.1	913.9	914.0	914.3	914.7	915.0	915.3
167.5°	928.8	927.8	927.8	927.8	927.8	927.8	928.1	928.8	929.4	930.1	930.8
170°	937.1	936.1	936.1	936.1	936.1	936.1	936.4	937.1	937.7	938.4	939.1
172.5°	943.0	942.0	942.0	942.0	942.0	942.0	942.4	943.0	943.7	944.3	945.0
175°	949.7	948.7	948.7	948.7	948.7	948.7	949.0	949.7	950.4	951.0	951.7
177.5°	952.9	952.1	952.3	952.4	952.5	952.7	953.0	953.5	954.0	954.6	955.1
180°	953.9	953.9	953.9	953.9	953.9	953.9	953.9	953.9	953.9	953.9	953.9



TEST NUMBER: P333665

CATALOG NUMBER: S125RDIW-S610D770U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4
2.5°	929.9	932.7	936.6	941.2	944.8	948.8	950.9	950.9	952.7	956.7	961.8
5°	932.6	942.5	952.0	964.1	973.6	984.6	993.0	1001.0	1008.2	1017.3	1026.8
7.5°	931.8	948.2	965.3	984.5	1005.6	1022.4	1039.6	1053.2	1066.5	1084.0	1097.8
10°	928.8	950.1	973.2	997.5	1024.1	1047.3	1068.2	1087.2	1105.4	1124.4	1141.5
12.5°	923.3	950.4	978.7	1007.9	1041.5	1068.0	1094.9	1115.2	1136.4	1157.2	1178.3
15°	915.1	947.0	981.2	1021.9	1062.9	1092.5	1119.1	1145.3	1165.1	1188.6	1208.8
17.5°	898.2	939.3	982.3	1026.7	1066.1	1100.6	1128.4	1153.4	1174.4	1200.3	1227.7
20°	888.1	932.6	977.4	1024.9	1062.5	1097.8	1124.8	1150.6	1176.8	1210.7	1244.1
22.5°	874.2	921.6	969.2	1014.3	1054.0	1088.1	1116.0	1147.6	1182.0	1220.4	1260.8
25°	852.1	901.1	948.2	991.1	1029.8	1064.8	1102.8	1145.3	1187.1	1237.6	1295.7
27.5°	824.0	871.3	913.3	958.6	997.2	1041.6	1089.0	1135.1	1195.4	1264.9	1337.5
30°	803.0	847.9	887.8	930.7	974.4	1023.4	1076.6	1130.9	1202.7	1284.3	1370.6
32.5°	778.7	819.3	858.9	900.3	950.7	1004.5	1061.1	1127.5	1213.3	1306.2	1395.5
35°	736.6	773.0	811.4	857.4	910.9	969.4	1041.6	1122.5	1226.2	1326.1	1406.3
37.5°	692.4	721.1	759.7	808.1	866.5	934.2	1016.1	1114.4	1220.9	1310.6	1344.7
40°	658.3	685.3	725.9	776.8	834.6	908.7	1000.6	1101.6	1208.8	1271.0	1268.4
42.5°	624.6	651.9	691.0	742.2	802.4	885.3	979.9	1084.9	1175.3	1199.0	1149.6
45°	572.8	598.3	636.7	688.3	752.9	839.9	939.4	1040.1	1097.8	1059.5	961.5
47.5°	520.1	544.8	580.4	631.0	701.5	792.6	886.7	969.3	977.4	895.0	777.4
50°	485.5	508.6	542.5	596.4	664.8	753.7	844.5	909.4	889.3	788.6	667.4
52.5°	451.7	474.0	505.7	556.6	626.5	713.6	794.6	845.6	799.0	692.0	583.0
55°	401.9	423.2	455.1	501.8	565.2	645.0	716.1	734.7	666.3	558.4	470.3
57.5°	354.6	370.1	401.7	443.0	504.2	574.5	625.4	622.1	546.6	449.5	386.3
60°	323.3	337.3	367.3	405.3	463.4	526.5	562.2	547.0	470.7	390.5	329.7
62.5°	294.1	307.2	332.4	367.3	417.3	472.1	498.1	477.1	405.0	334.6	286.3
65°	250.0	259.5	279.6	311.9	351.0	389.0	412.2	381.4	317.6	264.4	227.9
67.5°	208.7	216.9	234.8	258.0	285.0	311.2	320.6	291.7	242.1	206.3	180.6
70°	182.0	189.6	201.7	223.4	241.2	259.8	264.4	238.6	197.2	169.8	153.8
72.5°	156.4	163.4	174.1	189.3	201.7	212.4	214.6	190.5	158.9	140.0	127.7
75°	119.3	125.4	132.2	137.9	145.9	147.8	147.0	128.4	111.3	98.8	91.9
77.5°	87.7	90.2	94.4	96.6	97.0	96.9	93.0	81.2	72.4	67.2	64.4
80°	67.6	69.5	70.7	71.4	71.8	68.0	63.8	56.6	53.6	50.5	47.1
82.5°	49.1	50.4	51.5	51.7	49.6	46.4	42.5	39.0	36.8	35.3	34.0
85°	26.6	27.0	26.6	24.7	22.0	20.9	20.1	19.4	19.0	18.6	18.6
87.5°	9.8	9.2	7.9	8.5	8.7	8.7	8.9	8.8	8.8	8.9	9.1
90°	2.1	3.4	4.7	6.0	7.3	8.4	9.6	10.7	11.9	12.7	13.5
92.5°	18.9	19.8	20.7	21.7	22.8	24.3	25.7	27.1	28.5	29.6	30.7
95°	48.6	48.9	49.2	49.6	50.6	52.2	53.9	55.5	57.2	58.3	59.5
97.5°	80.3	80.4	80.6	80.7	81.9	84.2	86.5	88.7	91.0	92.1	93.2
100°	103.9	103.9	103.9	103.9	105.0	107.1	109.3	111.4	113.6	115.1	116.5
102.5°	130.1	130.8	131.4	132.1	133.0	134.1	135.2	136.2	137.3	139.0	140.6
105°	170.1	170.9	171.7	172.6	173.5	174.5	175.4	176.4	177.4	178.4	179.4
107.5°	214.0	214.9	215.7	216.5	217.3	218.1	218.8	219.6	220.3	220.8	221.3
110°	244.3	245.1	246.0	246.8	247.4	247.9	248.4	248.9	249.4	249.9	250.4





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**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	274.8	275.2	275.7	276.1	276.6	277.2	277.9	278.5	279.1	279.4	279.6
115°	320.6	321.3	321.9	322.6	323.1	323.4	323.7	324.1	324.4	324.2	324.1
117.5°	366.0	366.3	366.6	366.9	367.2	367.5	367.8	368.1	368.4	368.5	368.6
120°	395.0	395.8	396.7	397.5	398.0	398.1	398.3	398.5	398.6	398.6	398.6
122.5°	425.4	425.7	426.0	426.3	426.6	427.0	427.5	427.9	428.3	428.2	428.1
125°	467.9	468.9	469.9	470.9	471.5	471.6	471.8	472.0	472.1	471.8	471.5
127.5°	512.0	512.6	513.2	513.7	514.1	514.3	514.5	514.7	514.9	514.7	514.6
130°	539.0	539.9	540.7	541.5	542.1	542.4	542.7	543.1	543.4	543.2	543.1
132.5°	566.3	567.6	569.0	570.3	571.0	570.9	570.8	570.8	570.7	570.6	570.4
135°	608.2	609.2	610.2	611.2	611.8	611.9	612.1	612.3	612.4	612.4	612.4
137.5°	648.0	648.9	649.9	650.9	651.5	651.9	652.2	652.6	653.0	653.2	653.4
140°	673.4	674.2	675.0	675.9	676.5	677.0	677.5	678.0	678.5	678.8	679.2
142.5°	698.8	699.5	700.2	700.9	701.5	702.2	702.8	703.4	704.0	704.2	704.4
145°	736.3	737.0	737.6	738.3	738.9	739.4	739.9	740.4	740.9	740.9	740.9
147.5°	770.8	771.1	771.5	771.9	772.2	772.6	773.0	773.4	773.8	774.2	774.6
150°	793.4	793.2	793.1	792.9	793.2	793.8	794.5	795.1	795.8	795.8	795.8
152.5°	812.8	813.0	813.3	813.5	813.7	814.0	814.3	814.5	814.8	815.2	815.6
155°	841.8	841.8	841.8	841.8	841.9	842.1	842.2	842.4	842.6	843.2	843.9
157.5°	867.6	867.2	866.9	866.5	866.4	866.6	866.7	866.9	867.1	867.7	868.4
160°	882.9	882.4	881.9	881.4	881.2	881.4	881.6	881.7	881.9	882.6	883.2
162.5°	896.7	896.3	896.0	895.6	895.4	895.5	895.5	895.5	895.6	896.4	897.2
165°	915.0	914.7	914.3	914.0	913.9	914.1	914.2	914.4	914.6	915.2	915.9
167.5°	930.1	929.4	928.8	928.1	927.8	927.8	927.8	927.8	927.8	928.8	929.8
170°	938.4	937.7	937.1	936.4	936.1	936.1	936.1	936.1	936.1	937.1	938.1
172.5°	944.3	943.7	943.0	942.4	942.0	942.0	942.0	942.0	942.0	943.0	944.0
175°	951.0	950.4	949.7	949.0	948.7	948.7	948.7	948.7	948.7	949.7	950.7
177.5°	954.6	954.0	953.5	953.0	952.7	952.5	952.4	952.3	952.1	952.9	953.7
180°	953.9	953.9	953.9	953.9	953.9	953.9	953.9	953.9	953.9	953.9	953.9



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	925.4	925.4	925.4	925.4	925.4	925.4	925.4
2.5°	965.8	965.8	971.0	970.6	974.0	972.8	973.4
5°	1038.2	1044.6	1050.3	1054.1	1059.8	1061.4	1060.6
7.5°	1113.3	1127.6	1134.6	1144.2	1145.9	1150.9	1150.4
10°	1159.7	1173.8	1184.4	1192.8	1197.0	1202.3	1202.7
12.5°	1196.2	1208.1	1217.6	1225.3	1230.4	1232.1	1233.1
15°	1224.7	1238.0	1249.0	1260.0	1266.5	1271.4	1274.1
17.5°	1253.4	1273.9	1293.4	1308.4	1317.3	1324.9	1324.8
20°	1275.6	1299.2	1323.5	1340.6	1358.0	1365.6	1366.8
22.5°	1299.3	1335.3	1366.6	1393.1	1416.1	1424.0	1426.9
25°	1348.5	1395.6	1443.9	1481.1	1507.7	1523.3	1525.6
27.5°	1408.0	1471.8	1522.5	1556.9	1579.0	1590.5	1593.0
30°	1450.0	1508.8	1554.4	1580.3	1590.5	1592.0	1586.3
32.5°	1468.8	1512.8	1531.0	1529.5	1509.4	1496.0	1490.9
35°	1445.8	1436.7	1392.2	1339.0	1298.4	1272.6	1265.7
37.5°	1315.7	1237.1	1155.3	1075.0	1032.2	1010.5	973.1
40°	1187.5	1075.4	990.3	922.7	874.5	835.7	826.6
42.5°	1042.8	927.1	842.0	784.1	745.6	719.0	707.5
45°	838.0	738.5	668.2	623.7	594.1	574.7	566.0
47.5°	670.2	593.2	542.0	509.1	486.5	469.7	465.0
50°	578.2	516.6	473.3	445.6	428.5	415.6	410.3
52.5°	502.2	452.5	419.2	396.4	380.2	372.1	367.7
55°	414.4	371.5	347.6	329.3	320.2	313.8	310.7
57.5°	338.9	307.9	290.4	277.8	269.4	265.3	263.8
60°	296.7	272.4	256.4	246.5	240.8	235.5	234.0
62.5°	259.3	240.2	227.8	219.2	213.5	211.2	210.3
65°	208.9	196.4	187.3	182.0	177.4	176.6	176.3
67.5°	166.1	158.7	153.9	148.4	146.8	144.1	143.6
70°	142.1	137.1	131.4	129.5	127.6	125.0	125.4
72.5°	120.5	115.6	111.7	109.2	108.5	107.4	108.3
75°	88.1	86.6	85.1	83.2	82.4	82.4	82.1
77.5°	62.9	61.6	59.9	58.8	58.6	57.0	57.6
80°	45.6	43.7	42.9	43.3	42.2	41.8	41.8
82.5°	33.7	33.0	32.3	32.4	32.1	31.8	32.1
85°	18.6	18.2	18.2	17.9	17.9	17.5	17.5
87.5°	9.6	10.0	9.5	9.3	9.4	9.8	10.2
90°	14.4	15.2	15.8	16.3	16.8	17.3	17.8
92.5°	31.8	32.9	33.6	34.0	34.3	34.7	35.0
95°	60.6	61.8	62.5	62.9	63.2	63.5	63.8
97.5°	94.3	95.4	96.0	96.2	96.4	96.6	96.8
100°	118.0	119.5	120.4	120.8	121.1	121.4	121.7
102.5°	142.2	143.8	144.8	145.3	145.8	146.2	146.7
105°	180.4	181.4	182.1	182.6	183.1	183.6	184.1
107.5°	221.8	222.3	222.5	222.5	222.5	222.4	222.4
110°	250.9	251.4	251.6	251.4	251.2	251.1	250.9



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	279.8	280.0	280.0	279.7	279.4	279.1	278.8
115°	323.9	323.7	323.6	323.4	323.3	323.1	322.9
117.5°	368.7	368.9	368.6	368.0	367.3	366.6	366.0
120°	398.6	398.6	398.3	397.7	397.0	396.3	395.7
122.5°	427.9	427.8	427.5	426.9	426.4	425.9	425.4
125°	471.1	470.8	470.6	470.4	470.2	470.1	469.9
127.5°	514.4	514.2	514.0	513.7	513.3	513.0	512.7
130°	542.9	542.7	542.5	542.2	541.8	541.5	541.2
132.5°	570.2	570.1	569.7	569.3	568.8	568.4	567.9
135°	612.4	612.4	612.1	611.4	610.8	610.1	609.5
137.5°	653.6	653.8	653.4	652.6	651.8	651.0	650.1
140°	679.5	679.8	679.6	678.8	677.9	677.1	676.3
142.5°	704.6	704.8	704.5	703.7	702.9	702.0	701.2
145°	740.9	740.9	740.6	740.1	739.6	739.1	738.6
147.5°	775.0	775.4	775.0	773.9	772.8	771.7	770.6
150°	795.8	795.8	795.6	795.3	795.0	794.6	794.3
152.5°	816.0	816.4	816.3	815.7	815.1	814.5	813.9
155°	844.5	845.2	845.1	844.3	843.5	842.6	841.8
157.5°	869.0	869.7	869.5	868.4	867.3	866.2	865.1
160°	883.9	884.5	884.5	883.6	882.8	882.0	881.2
162.5°	897.9	898.7	898.7	897.7	896.7	895.8	894.8
165°	916.6	917.2	917.0	916.1	915.1	914.1	913.1
167.5°	930.8	931.7	931.7	930.7	929.7	928.7	927.6
170°	939.1	940.1	940.0	938.8	937.7	936.5	935.4
172.5°	945.0	946.0	946.0	945.0	943.9	942.9	941.9
175°	951.7	952.7	952.6	951.4	950.3	949.1	948.0
177.5°	954.5	955.3	955.2	954.3	953.4	952.5	951.5
180°	953.9	953.9	953.9	953.9	953.9	953.9	953.9

(END OF REPORT)