

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P1027298

Luminaire Tested: S125RDIP-B850D850UB2750-4F0-XX-W2A-A_5000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027298
REPORT IS A COMBINATION OF REPORTS P1005889 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIP-B850D850UB2750-4F0-XX-W2A-A_5000K
Description: Define 5 Regressed Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015}
{m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

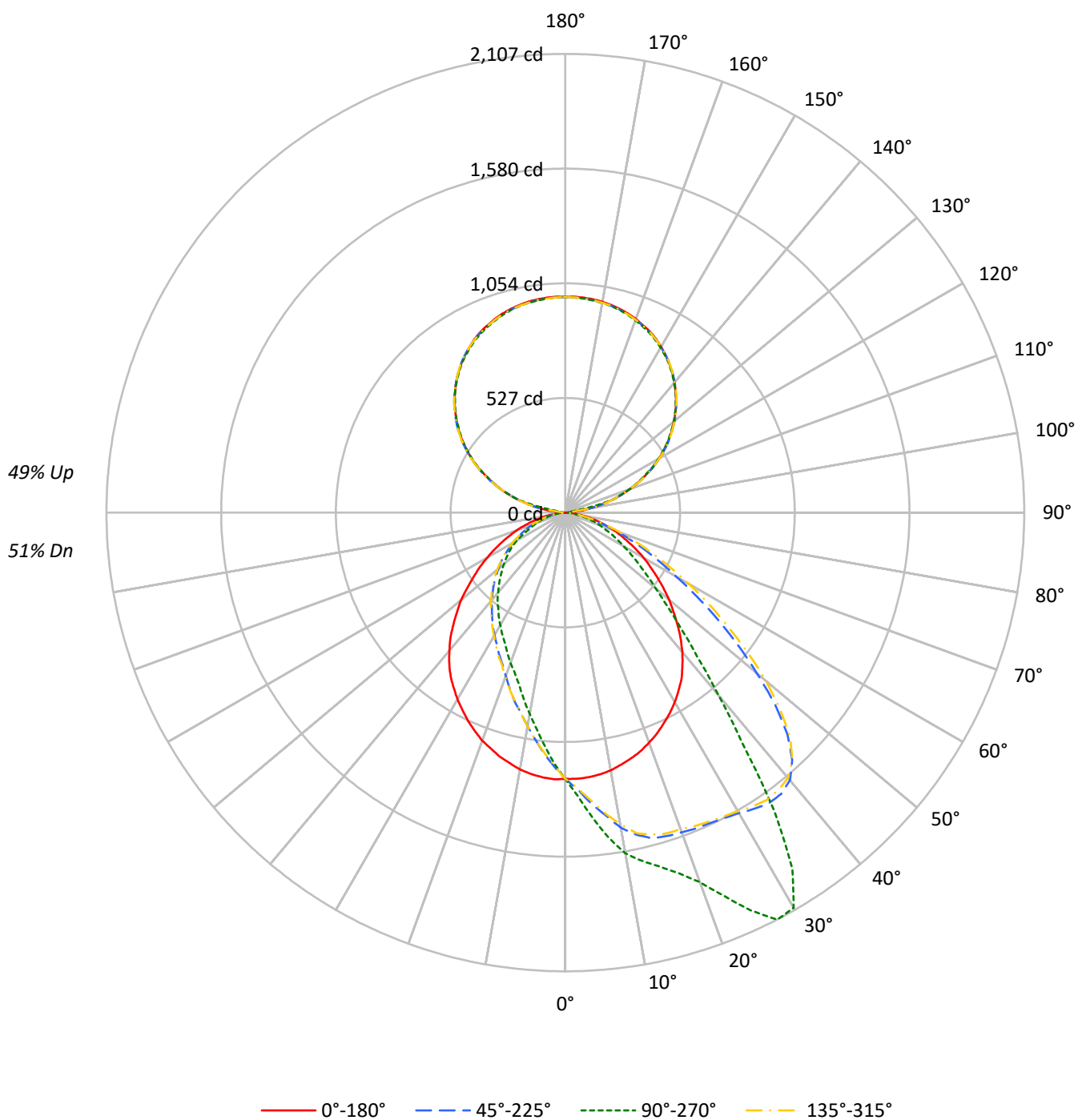
Lumens per Lamp: N/A
Luminaire Lumens: 6213.0 lumens
Efficiency: N/A
Efficacy: 109.0 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 57
Input Voltage (V):
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: 24 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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	107	107	107	107	99	99	99	99	84	84	84	70	70	70	57	57	57	57	57	57
1	98	94	91	87	91	87	84	81	74	72	70	62	61	59	51	50	49	49	49	44
2	90	83	77	72	83	77	72	67	66	62	58	55	52	50	45	44	42	42	42	37
3	82	73	66	60	76	68	62	57	58	53	50	49	46	43	41	38	36	36	36	32
4	75	65	57	51	70	60	54	48	52	47	43	44	40	37	37	34	31	31	31	28
5	69	58	50	44	64	54	47	42	47	41	37	40	35	32	33	30	28	28	28	24
6	64	52	44	38	59	49	42	36	42	36	32	36	32	28	30	27	24	24	24	21
7	59	47	39	34	55	44	37	32	38	33	28	33	28	25	27	24	22	22	22	19
8	55	43	35	30	51	40	33	28	35	29	25	30	26	22	25	22	19	19	19	17
9	51	39	32	27	47	37	30	25	32	27	23	27	23	20	23	20	18	18	18	15
10	48	36	29	24	44	34	27	23	29	24	20	25	21	18	22	18	16	16	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	7835	7835	7835	7835
5°	7828	8830	7828	6787
10°	7784	9923	7758	5867
15°	7700	10498	7647	5108
20°	7597	11332	7530	4617
25°	7465	12827	7380	4191
30°	7329	13634	7219	3885
35°	7154	11213	7054	3601
40°	6843	7615	6785	3345
45°	6435	5474	6425	3094
50°	6015	4209	6044	2860
55°	5544	3423	5533	2636
60°	5105	2805	5080	2341
65°	4594	2337	4623	1884
70°	4170	1875	4153	1568
75°	3523	1421	3523	1290
80°	2853	867	2821	867
85°	2007	456	1950	516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 11152 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	117.3	1.9
10°-20°	343.8	5.5
20°-30°	545.1	8.8
30°-40°	658.7	10.6
40°-50°	586.4	9.4
50°-60°	449.7	7.2
60°-70°	292.1	4.7
70°-80°	141.7	2.3
80°-90°	34.8	0.6
90°-100°	33.6	0.5
100°-110°	223.6	3.6
110°-120°	402.7	6.5
120°-130°	516.9	8.3
130°-140°	555.9	8.9
140°-150°	521.7	8.4
150°-160°	422.0	6.8
160°-170°	272.9	4.4
170°-180°	94.1	1.5
0°-30°	1006.1	16.2
0°-40°	1664.8	26.8
0°-60°	2700.9	43.5
0°-90°	3169.5	51.0
90°-120°	659.9	10.6
90°-150°	2254.4	36.3
90°-180°	3044.0	49.0
0°-180°	6213.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1223	1223	1223	1223	1223	
5°	1220	1402	1220	1077	1220	116
15°	1169	1684	1160	819	1169	330
25°	1068	2016	1056	659	1068	492
35°	931	1673	918	537	931	579
45°	728	748	727	423	728	562
55°	514	411	513	316	514	461
65°	319	233	321	188	319	319
75°	156	108	156	98	156	167
85°	35	23	34	26	35	40
90°	1	18	1	18	1	4
95°	42	15	42	15	42	51
105°	216	218	216	218	216	229
115°	405	402	405	402	405	402
125°	577	577	577	577	577	515
135°	719	716	719	716	719	554
145°	834	831	834	831	834	521
155°	918	912	918	912	918	423
165°	969	964	969	964	969	274
175°	991	986	991	986	991	94
180°	991	991	991	991	991	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8
2.5°	1223.8	1233.8	1236.8	1244.9	1253.9	1255.9	1260.9	1268.0	1272.0	1271.0	1271.0
5°	1219.8	1236.8	1248.9	1262.9	1280.0	1287.0	1293.1	1308.1	1320.2	1327.2	1339.2
7.5°	1212.8	1237.9	1257.9	1279.0	1305.1	1317.2	1330.2	1351.3	1373.4	1387.4	1400.5
10°	1201.7	1233.8	1261.9	1293.1	1328.2	1346.3	1362.3	1394.5	1421.6	1439.6	1469.8
12.5°	1185.6	1225.8	1265.0	1306.1	1350.3	1369.4	1391.5	1426.6	1464.7	1490.8	1515.9
15°	1168.6	1216.8	1258.9	1308.1	1361.3	1390.4	1418.6	1455.7	1489.8	1519.0	1548.1
17.5°	1148.5	1199.7	1251.9	1308.1	1368.4	1397.5	1421.6	1465.7	1501.9	1531.0	1557.1
20°	1124.4	1181.6	1240.9	1303.1	1364.3	1391.5	1414.5	1462.7	1494.9	1526.0	1563.1
22.5°	1098.3	1160.5	1223.8	1285.0	1345.3	1374.4	1401.5	1443.7	1478.8	1521.0	1569.1
25°	1068.2	1136.5	1200.7	1261.9	1319.2	1346.3	1370.4	1416.6	1465.7	1519.0	1573.2
27.5°	1038.1	1104.3	1166.6	1222.8	1285.0	1310.1	1334.2	1392.5	1450.7	1506.9	1581.2
30°	1004.9	1072.2	1126.4	1178.6	1238.9	1265.0	1295.1	1361.3	1427.6	1503.9	1594.2
32.5°	967.8	1029.0	1079.2	1133.4	1187.7	1219.8	1257.9	1330.2	1406.5	1497.9	1613.3
35°	930.6	979.8	1026.0	1077.2	1142.5	1176.6	1213.8	1290.1	1385.4	1494.9	1629.4
37.5°	883.5	930.6	966.8	1019.0	1086.3	1126.4	1163.6	1251.9	1360.3	1487.8	1628.4
40°	835.3	875.4	909.6	963.8	1037.1	1074.2	1114.4	1210.7	1334.2	1467.8	1604.3
42.5°	783.1	817.2	854.3	906.6	977.8	1014.0	1060.2	1172.6	1298.1	1439.6	1542.0
45°	727.9	761.0	792.1	846.3	917.6	956.7	1006.9	1122.4	1253.9	1380.4	1441.6
47.5°	673.6	702.8	735.9	783.1	855.4	898.5	949.7	1073.2	1194.7	1301.1	1306.1
50°	621.4	644.5	672.6	720.8	796.1	837.3	890.5	1005.9	1124.4	1197.7	1148.5
52.5°	567.2	588.3	617.4	659.6	729.9	778.0	824.2	939.7	1039.1	1088.3	997.9
55°	514.0	532.1	562.2	609.4	670.6	707.8	755.0	862.4	949.7	950.7	852.3
57.5°	461.8	477.9	503.0	545.1	602.4	645.5	688.7	782.1	841.3	824.2	714.8
60°	415.6	425.7	448.8	489.9	543.1	574.3	620.4	698.7	737.9	706.8	589.3
62.5°	367.4	377.5	395.5	428.7	478.9	512.0	541.1	605.4	632.5	585.3	488.9
65°	319.3	331.3	344.3	370.5	417.6	439.7	465.8	513.0	539.1	483.9	400.6
67.5°	277.1	283.1	296.2	323.3	356.4	376.5	394.5	426.7	431.7	387.5	319.3
70°	237.9	239.9	252.0	268.1	293.1	305.2	320.3	339.3	339.3	303.2	249.0
72.5°	193.8	196.8	205.8	222.9	237.9	244.0	249.0	261.0	259.0	225.9	188.7
75°	155.6	157.6	164.6	172.7	178.7	189.7	193.8	191.8	190.7	162.6	141.6
77.5°	120.5	121.5	126.5	133.5	134.5	138.5	135.5	135.5	126.5	110.4	99.4
80°	88.3	89.4	91.4	93.4	93.4	93.4	93.4	88.3	82.3	72.3	69.3
82.5°	59.2	59.2	60.2	62.2	61.2	59.2	57.2	52.2	48.2	45.2	43.2
85°	35.1	35.1	36.1	35.1	31.1	30.1	28.1	27.1	26.1	25.1	25.1
87.5°	17.1	16.1	14.1	12.0	12.0	12.0	12.0	12.0	12.0	11.0	11.0
90°	0.7	2.0	3.3	4.6	5.9	6.6	7.2	8.3	9.5	10.6	11.8
92.5°	14.0	12.5	11.0	9.5	8.0	7.3	7.8	8.8	9.8	10.8	11.8
95°	41.9	41.4	40.9	40.4	39.9	39.7	36.6	30.4	24.2	18.0	11.8
97.5°	78.6	79.6	80.6	81.5	82.5	83.0	75.2	59.7	44.2	28.7	13.2
100°	122.7	123.2	123.7	124.2	124.7	124.9	125.2	125.9	126.5	127.2	127.8
102.5°	167.5	168.1	168.8	169.4	170.1	170.4	170.6	170.9	171.2	171.6	171.9
105°	215.9	216.6	217.2	217.9	218.6	218.9	218.9	218.9	218.9	218.9	218.9
107.5°	265.9	265.9	265.9	265.9	265.9	265.9	266.1	266.4	266.7	267.0	267.3
110°	314.4	314.4	314.4	314.4	314.4	314.4	314.6	314.9	315.2	315.5	315.8

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	359.9	360.4	360.9	361.4	361.9	362.1	362.2	362.3	362.5	362.6	362.8
115°	405.4	406.2	407.0	407.9	408.7	409.1	409.2	409.3	409.5	409.6	409.8
117.5°	453.2	453.2	453.2	453.2	453.2	453.2	453.5	454.2	454.8	455.5	456.1
120°	497.2	497.0	496.9	496.7	496.6	496.5	496.7	497.2	497.7	498.2	498.7
122.5°	536.2	537.0	537.8	538.6	539.4	539.8	539.9	540.1	540.2	540.4	540.6
125°	576.6	577.7	578.9	580.0	581.1	581.7	581.7	581.7	581.7	581.7	581.7
127.5°	615.5	616.3	617.1	618.0	618.8	619.2	619.1	618.9	618.8	618.6	618.4
130°	650.7	651.5	652.3	653.2	654.0	654.4	654.5	654.6	654.8	654.9	655.1
132.5°	686.0	687.0	688.0	688.9	689.9	690.4	690.2	689.7	689.2	688.7	688.2
135°	719.0	720.0	721.0	722.0	723.0	723.5	723.3	723.0	722.7	722.3	722.0
137.5°	749.9	750.9	751.9	752.8	753.8	754.3	754.1	753.8	753.5	753.1	752.8
140°	780.0	780.3	780.7	781.0	781.3	781.5	781.4	781.2	781.1	780.9	780.7
142.5°	807.2	807.4	807.5	807.7	807.8	807.9	808.1	808.4	808.7	809.1	809.4
145°	833.6	833.9	834.3	834.6	834.9	835.1	835.1	835.1	835.1	835.1	835.1
147.5°	857.1	857.1	857.1	857.1	857.1	857.1	857.2	857.4	857.5	857.7	857.9
150°	879.2	878.9	878.5	878.2	877.9	877.7	877.9	878.2	878.5	878.9	879.2
152.5°	900.5	899.7	898.9	898.0	897.2	896.8	897.0	897.3	897.6	898.0	898.3
155°	918.1	917.1	916.1	915.2	914.2	913.7	913.9	914.2	914.5	914.9	915.2
157.5°	932.0	931.5	931.0	930.5	930.0	929.8	929.8	929.8	929.8	929.8	929.8
160°	946.7	945.7	944.7	943.8	942.8	942.3	942.4	942.6	942.7	942.9	943.1
162.5°	958.5	957.5	956.5	955.6	954.6	954.1	954.2	954.3	954.5	954.6	954.8
165°	968.8	967.8	966.8	965.9	964.9	964.4	964.5	964.6	964.8	964.9	965.1
167.5°	976.8	975.8	974.8	973.9	972.9	972.4	972.5	972.7	972.8	973.0	973.2
170°	983.5	982.3	981.2	980.0	978.9	978.3	978.4	978.5	978.7	978.8	979.0
172.5°	987.9	986.7	985.6	984.4	983.3	982.7	982.9	983.2	983.5	983.9	984.2
175°	990.8	989.8	988.8	987.9	986.9	986.4	986.5	986.6	986.8	986.9	987.1
177.5°	993.0	992.0	991.0	990.1	989.1	988.6	988.7	988.8	989.0	989.1	989.3
180°	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8
2.5°	1276.0	1283.0	1289.1	1286.0	1298.1	1297.1	1299.1	1303.1	1304.1	1302.1	1298.1
5°	1345.3	1355.3	1372.4	1381.4	1379.4	1387.4	1391.5	1397.5	1403.5	1401.5	1401.5
7.5°	1422.6	1436.6	1453.7	1476.8	1479.8	1486.8	1498.9	1498.9	1505.9	1502.9	1501.9
10°	1489.8	1506.9	1534.0	1552.1	1560.1	1564.1	1576.2	1580.2	1588.2	1589.2	1589.2
12.5°	1545.1	1575.2	1593.2	1611.3	1615.3	1621.4	1630.4	1636.4	1639.4	1639.4	1636.4
15°	1574.2	1598.3	1619.3	1638.4	1649.5	1654.5	1663.5	1670.5	1674.6	1683.6	1685.6
17.5°	1586.2	1615.3	1649.5	1676.6	1695.6	1700.7	1718.7	1724.8	1732.8	1736.8	1741.8
20°	1603.3	1645.4	1686.6	1719.7	1737.8	1750.9	1769.9	1798.0	1806.1	1806.1	1803.1
22.5°	1618.3	1672.6	1728.8	1782.0	1797.0	1823.1	1858.3	1888.4	1900.4	1905.5	1901.5
25°	1636.4	1710.7	1784.0	1850.2	1891.4	1910.5	1957.7	1993.8	2007.9	2015.9	2017.9
27.5°	1667.5	1760.9	1854.3	1938.6	1980.8	2002.8	2052.0	2083.2	2100.2	2107.3	2102.2
30°	1702.7	1817.1	1925.5	2000.8	2028.9	2056.1	2088.2	2100.2	2096.2	2096.2	2111.3
32.5°	1738.8	1857.3	1953.7	2002.8	2012.9	2008.9	1995.8	1959.7	1938.6	1938.6	1951.6
35°	1758.9	1861.3	1910.5	1894.4	1855.3	1832.2	1760.9	1720.7	1675.6	1672.6	1687.6
37.5°	1747.8	1792.0	1771.9	1666.5	1613.3	1569.1	1457.7	1413.5	1380.4	1334.2	1405.5
40°	1670.5	1655.5	1551.1	1399.5	1340.3	1278.0	1189.7	1145.5	1099.3	1092.3	1109.3
42.5°	1540.0	1450.7	1298.1	1151.5	1091.3	1047.1	979.8	936.7	907.6	895.5	915.6
45°	1377.4	1236.8	1084.2	967.8	901.5	878.4	817.2	779.1	757.0	747.9	762.0
47.5°	1178.6	1037.1	892.5	794.1	755.0	731.9	690.7	657.6	638.5	632.5	638.5
50°	1000.9	855.4	733.9	670.6	635.5	616.4	582.3	561.2	546.1	542.1	552.2
52.5°	847.3	714.8	622.4	566.2	543.1	527.1	503.0	484.9	475.9	471.8	478.9
55°	709.8	602.4	528.1	479.9	462.8	452.8	431.7	421.7	411.6	410.6	417.6
57.5°	588.3	514.0	445.7	411.6	406.6	391.5	373.5	364.4	359.4	358.4	361.4
60°	489.9	423.7	382.5	352.4	345.4	333.3	323.3	317.2	311.2	309.2	311.2
62.5°	407.6	355.4	322.3	302.2	292.1	289.1	278.1	271.1	270.1	270.1	272.1
65°	336.3	292.1	271.1	255.0	248.0	245.0	236.9	231.9	232.9	232.9	233.9
67.5°	274.1	241.9	222.9	214.8	208.8	207.8	199.8	197.8	195.8	195.8	197.8
70°	217.9	197.8	183.7	179.7	178.7	171.7	168.7	167.7	164.6	165.6	165.6
72.5°	170.7	157.6	149.6	143.6	144.6	140.6	136.5	136.5	134.5	137.5	137.5
75°	126.5	120.5	114.4	112.4	114.4	112.4	109.4	108.4	109.4	108.4	108.4
77.5°	93.4	90.4	88.3	87.3	87.3	83.3	81.3	83.3	79.3	81.3	81.3
80°	65.3	61.2	60.2	58.2	59.2	56.2	57.2	55.2	55.2	55.2	55.2
82.5°	41.2	40.2	40.2	40.2	39.2	39.2	39.2	39.2	39.2	39.2	38.1
85°	25.1	24.1	24.1	24.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
87.5°	10.0	11.0	11.0	12.0	11.0	10.0	10.0	10.0	11.0	11.0	10.0
90°	12.6	13.4	14.2	15.0	15.4	15.6	16.1	16.6	17.1	17.6	17.1
92.5°	12.6	13.4	14.2	15.0	15.4	15.5	15.7	15.8	16.0	16.2	16.0
95°	12.6	13.4	14.2	15.0	15.4	15.4	15.4	15.4	15.4	15.4	15.4
97.5°	13.5	13.9	14.2	14.5	14.7	14.8	14.9	15.1	15.2	15.4	15.2
100°	103.5	79.2	54.9	30.6	18.4	18.1	17.4	16.7	16.1	15.4	16.1
102.5°	172.2	172.5	172.8	173.1	173.3	166.4	152.7	139.0	125.3	111.6	125.3
105°	218.9	218.9	218.9	218.9	218.9	218.8	218.6	218.5	218.3	218.1	218.3
107.5°	267.5	267.7	267.8	268.0	268.1	267.8	267.1	266.4	265.8	265.1	265.8
110°	315.3	314.8	314.3	313.8	313.6	313.7	313.9	314.0	314.2	314.4	314.2

TEST NUMBER: P1027298

CATALOG NUMBER: S125RDIP-B850D850UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	362.2	361.5	360.9	360.2	359.9	359.7	359.4	359.1	358.7	358.4	358.7
115°	409.2	408.5	407.9	407.2	406.9	406.4	405.4	404.5	403.5	402.5	403.5
117.5°	455.1	454.1	453.2	452.2	451.7	451.5	451.2	450.9	450.5	450.2	450.5
120°	498.4	498.0	497.7	497.4	497.2	496.8	496.0	495.2	494.4	493.6	494.4
122.5°	540.3	539.9	539.6	539.3	539.1	538.6	537.6	536.7	535.7	534.7	535.7
125°	581.1	580.4	579.8	579.1	578.8	578.6	578.1	577.6	577.1	576.6	577.1
127.5°	618.1	617.8	617.5	617.2	617.0	616.3	615.0	613.7	612.4	611.1	612.4
130°	654.6	654.1	653.6	653.1	652.9	652.5	651.7	650.9	650.1	649.3	650.1
132.5°	688.2	688.2	688.2	688.2	688.2	687.8	687.0	686.1	685.3	684.5	685.3
135°	721.7	721.3	721.0	720.7	720.5	720.0	719.0	718.1	717.1	716.1	717.1
137.5°	752.8	752.8	752.8	752.8	752.8	752.4	751.6	750.8	750.0	749.2	750.0
140°	781.0	781.4	781.7	782.0	782.2	781.7	780.7	779.8	778.8	777.8	778.8
142.5°	809.4	809.4	809.4	809.4	809.4	808.9	807.9	807.0	806.0	805.0	806.0
145°	835.3	835.4	835.6	835.7	835.8	835.3	834.3	833.4	832.4	831.4	832.4
147.5°	858.1	858.2	858.4	858.5	858.6	858.0	856.9	855.8	854.6	853.5	854.6
150°	879.5	879.8	880.1	880.4	880.6	880.0	878.7	877.4	876.1	874.8	876.1
152.5°	898.6	898.9	899.2	899.5	899.7	899.1	898.0	896.9	895.7	894.6	895.7
155°	915.7	916.2	916.7	917.2	917.4	916.7	915.4	914.1	912.8	911.5	912.8
157.5°	930.3	930.8	931.3	931.8	932.0	931.4	930.1	928.8	927.5	926.2	927.5
160°	943.7	944.4	945.0	945.7	946.0	945.3	944.0	942.7	941.4	940.1	941.4
162.5°	955.8	956.8	957.7	958.7	959.2	958.5	957.0	955.5	954.1	952.6	954.1
165°	966.1	967.1	968.0	969.0	969.5	968.8	967.5	966.2	964.9	963.6	964.9
167.5°	974.3	975.5	976.6	977.7	978.3	977.6	976.1	974.6	973.2	971.7	973.2
170°	980.3	981.6	982.9	984.2	984.9	984.2	982.7	981.2	979.8	978.3	979.8
172.5°	985.3	986.5	987.6	988.7	989.3	988.6	987.1	985.6	984.2	982.7	984.2
175°	988.4	989.7	991.0	992.3	993.0	992.3	990.8	989.3	987.9	986.4	987.9
177.5°	990.5	991.6	992.8	993.9	994.5	993.8	992.5	991.2	989.9	988.6	989.9
180°	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8

TEST NUMBER: P1027298

CATALOG NUMBER: S125RDIP-B850D850UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8
2.5°	1303.1	1296.1	1299.1	1296.1	1293.1	1290.1	1283.0	1273.0	1265.0	1258.9	1257.9
5°	1403.5	1394.5	1388.4	1385.4	1379.4	1371.4	1358.3	1343.3	1325.2	1318.2	1304.1
7.5°	1495.9	1492.8	1478.8	1476.8	1472.8	1457.7	1435.6	1415.5	1392.5	1373.4	1355.3
10°	1583.2	1576.2	1566.1	1552.1	1550.1	1531.0	1509.9	1481.8	1451.7	1433.6	1401.5
12.5°	1637.4	1629.4	1618.3	1609.3	1604.3	1592.2	1563.1	1535.0	1507.9	1474.8	1446.7
15°	1676.6	1666.5	1646.5	1639.4	1633.4	1617.3	1596.3	1567.1	1531.0	1507.9	1467.8
17.5°	1729.8	1717.7	1697.7	1684.6	1673.6	1648.5	1618.3	1579.2	1545.1	1519.0	1482.8
20°	1791.0	1772.9	1746.8	1729.8	1713.7	1684.6	1642.4	1596.3	1547.1	1514.9	1477.8
22.5°	1892.4	1858.3	1817.1	1793.0	1770.9	1720.7	1670.5	1613.3	1558.1	1509.9	1464.7
25°	1990.8	1956.7	1905.5	1872.3	1838.2	1780.0	1713.7	1634.4	1564.1	1507.9	1448.7
27.5°	2082.2	2047.0	1999.8	1959.7	1926.5	1839.2	1751.9	1662.5	1573.2	1495.9	1435.6
30°	2103.2	2088.2	2052.0	2016.9	1986.8	1906.5	1805.1	1691.6	1584.2	1484.8	1417.6
32.5°	1975.7	2012.9	2021.9	2016.9	1997.8	1940.6	1847.2	1727.8	1600.3	1479.8	1387.4
35°	1710.7	1778.0	1847.2	1884.4	1902.5	1910.5	1855.3	1745.8	1611.3	1471.8	1367.4
37.5°	1418.6	1483.8	1593.2	1648.5	1709.7	1790.0	1812.1	1741.8	1606.3	1465.7	1335.2
40°	1165.6	1248.9	1339.2	1389.4	1442.7	1587.2	1696.6	1688.6	1590.2	1443.7	1310.1
42.5°	948.7	1000.9	1080.2	1135.4	1200.7	1362.3	1508.9	1581.2	1542.0	1416.6	1278.0
45°	791.1	831.3	887.5	943.7	983.9	1130.4	1304.1	1422.6	1459.7	1368.4	1228.8
47.5°	666.6	696.7	745.9	781.1	824.2	939.7	1090.3	1256.9	1335.2	1300.1	1176.6
50°	571.2	595.3	634.5	656.6	694.7	794.1	908.6	1083.2	1201.7	1205.7	1107.3
52.5°	487.9	512.0	545.1	564.2	587.3	654.6	770.0	917.6	1054.1	1104.3	1028.0
55°	424.7	438.7	465.8	480.9	502.0	567.2	640.5	766.0	908.6	990.9	942.7
57.5°	366.4	381.5	398.6	410.6	425.7	477.9	544.1	638.5	780.1	869.4	853.3
60°	319.3	328.3	344.3	353.4	367.4	401.6	447.8	542.1	654.6	738.9	747.9
62.5°	275.1	283.1	294.2	302.2	311.2	338.3	372.5	439.7	538.1	629.5	641.5
65°	236.9	244.0	250.0	257.0	264.0	281.1	310.2	362.4	438.7	524.1	550.2
67.5°	202.8	204.8	213.8	214.8	218.9	231.9	253.0	295.2	350.4	418.6	452.8
70°	169.7	173.7	175.7	178.7	182.7	191.8	208.8	230.9	272.1	327.3	359.4
72.5°	137.5	138.5	141.6	143.6	147.6	154.6	162.6	179.7	205.8	246.0	275.1
75°	109.4	110.4	112.4	113.4	116.5	118.5	122.5	134.5	152.6	176.7	197.8
77.5°	82.3	84.3	86.3	86.3	87.3	89.4	91.4	95.4	104.4	120.5	138.5
80°	56.2	57.2	57.2	58.2	57.2	60.2	63.2	68.3	72.3	77.3	86.3
82.5°	39.2	39.2	39.2	40.2	40.2	41.2	41.2	42.2	43.2	46.2	50.2
85°	24.1	24.1	25.1	23.1	24.1	25.1	25.1	24.1	25.1	26.1	27.1
87.5°	10.0	10.0	11.0	11.0	11.0	11.0	10.0	11.0	10.0	11.0	11.0
90°	16.6	16.1	15.6	15.4	15.0	14.2	13.4	12.6	11.8	10.6	9.5
92.5°	15.8	15.7	15.5	15.4	15.0	14.2	13.4	12.6	11.8	10.8	9.8
95°	15.4	15.4	15.4	15.4	15.0	14.2	13.4	12.6	11.8	18.0	24.2
97.5°	15.1	14.9	14.8	14.7	14.5	14.2	13.9	13.5	13.2	28.7	44.2
100°	16.7	17.4	18.1	18.4	30.6	54.9	79.2	103.5	127.8	127.2	126.5
102.5°	139.0	152.7	166.4	173.3	173.1	172.8	172.5	172.2	171.9	171.6	171.2
105°	218.5	218.6	218.8	218.9	218.9	218.9	218.9	218.9	218.9	218.9	218.9
107.5°	266.4	267.1	267.8	268.1	268.0	267.8	267.7	267.5	267.3	267.0	266.7
110°	314.0	313.9	313.7	313.6	313.8	314.3	314.8	315.3	315.8	315.5	315.2

TEST NUMBER: P1027298

CATALOG NUMBER: S125RDIP-B850D850UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	359.1	359.4	359.7	359.9	360.2	360.9	361.5	362.2	362.8	362.6	362.5
115°	404.5	405.4	406.4	406.9	407.2	407.9	408.5	409.2	409.8	409.6	409.5
117.5°	450.9	451.2	451.5	451.7	452.2	453.2	454.1	455.1	456.1	455.5	454.8
120°	495.2	496.0	496.8	497.2	497.4	497.7	498.0	498.4	498.7	498.2	497.7
122.5°	536.7	537.6	538.6	539.1	539.3	539.6	539.9	540.3	540.6	540.4	540.2
125°	577.6	578.1	578.6	578.8	579.1	579.8	580.4	581.1	581.7	581.7	581.7
127.5°	613.7	615.0	616.3	617.0	617.2	617.5	617.8	618.1	618.4	618.6	618.8
130°	650.9	651.7	652.5	652.9	653.1	653.6	654.1	654.6	655.1	654.9	654.8
132.5°	686.1	687.0	687.8	688.2	688.2	688.2	688.2	688.2	688.2	688.7	689.2
135°	718.1	719.0	720.0	720.5	720.7	721.0	721.3	721.7	722.0	722.3	722.7
137.5°	750.8	751.6	752.4	752.8	752.8	752.8	752.8	752.8	752.8	753.1	753.5
140°	779.8	780.7	781.7	782.2	782.0	781.7	781.4	781.0	780.7	780.9	781.1
142.5°	807.0	807.9	808.9	809.4	809.4	809.4	809.4	809.4	809.4	809.1	808.7
145°	833.4	834.3	835.3	835.8	835.7	835.6	835.4	835.3	835.1	835.1	835.1
147.5°	855.8	856.9	858.0	858.6	858.5	858.4	858.2	858.1	857.9	857.7	857.5
150°	877.4	878.7	880.0	880.6	880.4	880.1	879.8	879.5	879.2	878.9	878.5
152.5°	896.9	898.0	899.1	899.7	899.5	899.2	898.9	898.6	898.3	898.0	897.6
155°	914.1	915.4	916.7	917.4	917.2	916.7	916.2	915.7	915.2	914.9	914.5
157.5°	928.8	930.1	931.4	932.0	931.8	931.3	930.8	930.3	929.8	929.8	929.8
160°	942.7	944.0	945.3	946.0	945.7	945.0	944.4	943.7	943.1	942.9	942.7
162.5°	955.5	957.0	958.5	959.2	958.7	957.7	956.8	955.8	954.8	954.6	954.5
165°	966.2	967.5	968.8	969.5	969.0	968.0	967.1	966.1	965.1	964.9	964.8
167.5°	974.6	976.1	977.6	978.3	977.7	976.6	975.5	974.3	973.2	973.0	972.8
170°	981.2	982.7	984.2	984.9	984.2	982.9	981.6	980.3	979.0	978.8	978.7
172.5°	985.6	987.1	988.6	989.3	988.7	987.6	986.5	985.3	984.2	983.9	983.5
175°	989.3	990.8	992.3	993.0	992.3	991.0	989.7	988.4	987.1	986.9	986.8
177.5°	991.2	992.5	993.8	994.5	993.9	992.8	991.6	990.5	989.3	989.1	989.0
180°	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8

TEST NUMBER: P1027298

CATALOG NUMBER: S125RDIP-B850D850UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8
2.5°	1254.9	1248.9	1244.9	1243.9	1237.9	1232.8	1226.8	1225.8	1222.8	1214.8	1209.7
5°	1294.1	1280.0	1277.0	1268.0	1252.9	1241.9	1227.8	1219.8	1210.7	1195.7	1183.6
7.5°	1334.2	1315.2	1301.1	1288.0	1267.0	1246.9	1226.8	1210.7	1194.7	1172.6	1154.5
10°	1373.4	1344.3	1327.2	1308.1	1279.0	1248.9	1220.8	1197.7	1171.6	1145.5	1119.4
12.5°	1409.5	1372.4	1347.3	1320.2	1284.0	1246.9	1210.7	1178.6	1151.5	1116.4	1087.3
15°	1431.6	1390.4	1365.3	1339.2	1285.0	1243.9	1201.7	1160.5	1124.4	1087.3	1060.2
17.5°	1444.7	1398.5	1370.4	1346.3	1291.1	1234.8	1180.6	1136.5	1097.3	1053.1	1017.0
20°	1438.6	1393.5	1367.4	1344.3	1280.0	1223.8	1165.6	1114.4	1065.2	1020.0	981.8
22.5°	1425.6	1378.4	1349.3	1328.2	1271.0	1204.7	1140.5	1085.3	1034.1	988.9	945.7
25°	1397.5	1351.3	1326.2	1300.1	1243.9	1180.6	1115.4	1056.1	1001.9	953.7	905.5
27.5°	1372.4	1316.2	1290.1	1267.0	1207.7	1151.5	1087.3	1022.0	966.8	916.6	868.4
30°	1343.3	1280.0	1251.9	1220.8	1167.6	1114.4	1050.1	989.9	932.7	879.4	833.3
32.5°	1312.1	1238.9	1206.7	1171.6	1117.4	1067.2	1013.0	953.7	896.5	844.3	796.1
35°	1272.0	1193.7	1156.5	1123.4	1067.2	1017.0	966.8	917.6	860.4	805.2	759.0
37.5°	1233.8	1147.5	1108.3	1070.2	1011.0	962.8	921.6	875.4	820.2	767.0	722.8
40°	1190.7	1091.3	1051.1	1016.0	954.7	901.5	864.4	828.2	780.1	728.9	680.7
42.5°	1151.5	1039.1	996.9	960.8	896.5	846.3	811.2	781.1	738.9	691.7	642.5
45°	1097.3	982.9	939.7	901.5	836.3	789.1	753.0	726.8	693.7	649.5	605.4
47.5°	1047.1	928.6	881.5	835.3	776.0	727.9	694.7	674.6	652.6	613.4	568.2
50°	985.9	866.4	818.2	780.1	712.8	671.6	638.5	624.4	604.4	567.2	531.1
52.5°	919.6	806.2	761.0	714.8	652.6	612.4	583.3	567.2	551.2	524.1	489.9
55°	842.3	738.9	696.7	655.6	593.3	556.2	530.1	513.0	504.0	478.9	453.8
57.5°	768.0	670.6	631.5	593.3	539.1	496.9	479.9	464.8	451.8	433.7	412.6
60°	692.7	604.4	562.2	528.1	480.9	442.7	428.7	413.6	403.6	389.5	374.5
62.5°	606.4	531.1	499.0	466.8	426.7	396.6	380.5	368.4	355.4	346.4	333.3
65°	515.0	461.8	430.7	406.6	368.4	341.3	329.3	321.3	310.2	301.2	291.1
67.5°	429.7	387.5	374.5	348.4	319.3	295.2	286.1	276.1	267.0	262.0	253.0
70°	347.4	317.2	304.2	297.2	265.0	249.0	240.9	236.9	225.9	220.9	214.8
72.5°	269.1	258.0	249.0	239.9	218.9	208.8	199.8	195.8	187.7	183.7	181.7
75°	198.8	191.8	186.7	185.7	176.7	166.7	157.6	155.6	149.6	145.6	143.6
77.5°	139.5	137.5	136.5	137.5	131.5	125.5	123.5	121.5	114.4	113.4	113.4
80°	91.4	96.4	96.4	95.4	93.4	92.4	89.4	87.3	83.3	82.3	83.3
82.5°	56.2	59.2	60.2	62.2	61.2	60.2	58.2	57.2	58.2	56.2	57.2
85°	28.1	30.1	34.1	34.1	35.1	35.1	35.1	34.1	32.1	33.1	32.1
87.5°	11.0	12.0	12.0	12.0	11.0	14.1	15.1	15.1	15.1	13.1	13.1
90°	8.3	7.2	6.6	5.9	4.6	3.3	2.0	0.7	2.0	3.3	4.6
92.5°	8.8	7.8	7.3	8.0	9.5	11.0	12.5	14.0	12.5	11.0	9.5
95°	30.4	36.6	39.7	39.9	40.4	40.9	41.4	41.9	41.4	40.9	40.4
97.5°	59.7	75.2	83.0	82.5	81.5	80.6	79.6	78.6	79.6	80.6	81.5
100°	125.9	125.2	124.9	124.7	124.2	123.7	123.2	122.7	123.2	123.7	124.2
102.5°	170.9	170.6	170.4	170.1	169.4	168.8	168.1	167.5	168.1	168.8	169.4
105°	218.9	218.9	218.9	218.6	217.9	217.2	216.6	215.9	216.6	217.2	217.9
107.5°	266.4	266.1	265.9	265.9	265.9	265.9	265.9	265.9	265.9	265.9	265.9
110°	314.9	314.6	314.4	314.4	314.4	314.4	314.4	314.4	314.4	314.4	314.4

TEST NUMBER: P1027298

CATALOG NUMBER: S125RDIP-B850D850UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	362.3	362.2	362.1	361.9	361.4	360.9	360.4	359.9	360.4	360.9	361.4
115°	409.3	409.2	409.1	408.7	407.9	407.0	406.2	405.4	406.2	407.0	407.9
117.5°	454.2	453.5	453.2	453.2	453.2	453.2	453.2	453.2	453.2	453.2	453.2
120°	497.2	496.7	496.5	496.6	496.7	496.9	497.0	497.2	497.0	496.9	496.7
122.5°	540.1	539.9	539.8	539.4	538.6	537.8	537.0	536.2	537.0	537.8	538.6
125°	581.7	581.7	581.7	581.1	580.0	578.9	577.7	576.6	577.7	578.9	580.0
127.5°	618.9	619.1	619.2	618.8	618.0	617.1	616.3	615.5	616.3	617.1	618.0
130°	654.6	654.5	654.4	654.0	653.2	652.3	651.5	650.7	651.5	652.3	653.2
132.5°	689.7	690.2	690.4	689.9	688.9	688.0	687.0	686.0	687.0	688.0	688.9
135°	723.0	723.3	723.5	723.0	722.0	721.0	720.0	719.0	720.0	721.0	722.0
137.5°	753.8	754.1	754.3	753.8	752.8	751.9	750.9	749.9	750.9	751.9	752.8
140°	781.2	781.4	781.5	781.3	781.0	780.7	780.3	780.0	780.3	780.7	781.0
142.5°	808.4	808.1	807.9	807.8	807.7	807.5	807.4	807.2	807.4	807.5	807.7
145°	835.1	835.1	835.1	834.9	834.6	834.3	833.9	833.6	833.9	834.3	834.6
147.5°	857.4	857.2	857.1	857.1	857.1	857.1	857.1	857.1	857.1	857.1	857.1
150°	878.2	877.9	877.7	877.9	878.2	878.5	878.9	879.2	878.9	878.5	878.2
152.5°	897.3	897.0	896.8	897.2	898.0	898.9	899.7	900.5	899.7	898.9	898.0
155°	914.2	913.9	913.7	914.2	915.2	916.1	917.1	918.1	917.1	916.1	915.2
157.5°	929.8	929.8	929.8	930.0	930.5	931.0	931.5	932.0	931.5	931.0	930.5
160°	942.6	942.4	942.3	942.8	943.8	944.7	945.7	946.7	945.7	944.7	943.8
162.5°	954.3	954.2	954.1	954.6	955.6	956.5	957.5	958.5	957.5	956.5	955.6
165°	964.6	964.5	964.4	964.9	965.9	966.8	967.8	968.8	967.8	966.8	965.9
167.5°	972.7	972.5	972.4	972.9	973.9	974.8	975.8	976.8	975.8	974.8	973.9
170°	978.5	978.4	978.3	978.9	980.0	981.2	982.3	983.5	982.3	981.2	980.0
172.5°	983.2	982.9	982.7	983.3	984.4	985.6	986.7	987.9	986.7	985.6	984.4
175°	986.6	986.5	986.4	986.9	987.9	988.8	989.8	990.8	989.8	988.8	987.9
177.5°	988.8	988.7	988.6	989.1	990.1	991.0	992.0	993.0	992.0	991.0	990.1
180°	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8

TEST NUMBER: P1027298

CATALOG NUMBER: S125RDIP-B850D850UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8
2.5°	1206.7	1202.7	1199.7	1196.7	1183.6	1169.6	1167.6	1164.6	1158.5	1165.6	1162.6
5°	1175.6	1166.6	1161.6	1148.5	1132.4	1120.4	1110.4	1098.3	1093.3	1089.3	1088.3
7.5°	1137.5	1129.4	1120.4	1107.3	1087.3	1067.2	1052.1	1040.1	1030.0	1025.0	1025.0
10°	1100.3	1090.3	1078.2	1056.1	1037.1	1012.0	995.9	983.9	969.8	961.8	954.7
12.5°	1062.2	1051.1	1040.1	1012.0	989.9	963.8	940.7	925.6	918.6	909.6	897.5
15°	1024.0	1006.9	995.9	967.8	939.7	913.6	898.5	882.5	866.4	857.4	853.3
17.5°	983.9	971.8	953.7	923.6	892.5	869.4	847.3	832.3	813.2	804.2	795.1
20°	947.7	929.6	911.6	881.5	851.3	820.2	798.1	780.1	768.0	761.0	753.0
22.5°	904.5	887.5	872.4	840.3	807.2	778.0	754.0	742.9	730.9	719.8	711.8
25°	867.4	850.3	835.3	800.1	764.0	736.9	718.8	704.8	691.7	686.7	678.7
27.5°	828.2	812.2	792.1	757.0	724.8	701.7	682.7	669.6	659.6	649.5	643.5
30°	791.1	773.0	755.0	716.8	690.7	667.6	649.5	633.5	625.5	620.4	610.4
32.5°	755.0	731.9	716.8	681.7	656.6	634.5	619.4	605.4	595.3	586.3	578.3
35°	715.8	690.7	675.6	646.5	620.4	598.3	585.3	575.3	563.2	555.2	551.2
37.5°	678.7	657.6	642.5	612.4	586.3	568.2	554.2	541.1	536.1	525.1	523.0
40°	638.5	620.4	606.4	577.3	553.2	539.1	524.1	512.0	503.0	498.0	490.9
42.5°	602.4	587.3	572.2	545.1	522.0	505.0	493.9	482.9	474.9	466.8	461.8
45°	569.2	553.2	539.1	513.0	489.9	474.9	463.8	450.8	448.8	437.7	432.7
47.5°	534.1	520.0	508.0	480.9	459.8	444.7	431.7	422.7	413.6	409.6	402.6
50°	500.0	485.9	471.8	447.8	428.7	413.6	400.6	390.5	385.5	379.5	373.5
52.5°	462.8	451.8	440.7	415.6	396.6	383.5	372.5	359.4	354.4	349.4	345.4
55°	431.7	415.6	403.6	382.5	365.4	351.4	339.3	329.3	324.3	320.3	315.2
57.5°	389.5	379.5	369.4	350.4	334.3	320.3	308.2	300.2	294.2	291.1	292.1
60°	353.4	342.3	336.3	316.2	300.2	289.1	278.1	270.1	264.0	261.0	260.0
62.5°	315.2	307.2	296.2	282.1	266.0	256.0	248.0	241.9	231.9	230.9	227.9
65°	278.1	272.1	262.0	249.0	235.9	226.9	217.9	209.8	205.8	200.8	197.8
67.5°	241.9	235.9	226.9	215.8	206.8	197.8	189.7	181.7	174.7	170.7	168.7
70°	206.8	201.8	195.8	182.7	171.7	164.6	158.6	153.6	146.6	144.6	143.6
72.5°	172.7	167.7	164.6	153.6	143.6	137.5	131.5	126.5	123.5	122.5	119.5
75°	141.6	136.5	132.5	122.5	116.5	112.4	106.4	104.4	101.4	100.4	99.4
77.5°	110.4	105.4	104.4	97.4	90.4	88.3	86.3	82.3	82.3	82.3	80.3
80°	79.3	78.3	77.3	70.3	67.3	65.3	64.3	61.2	59.2	57.2	56.2
82.5°	53.2	52.2	51.2	48.2	45.2	44.2	43.2	41.2	41.2	42.2	40.2
85°	32.1	30.1	29.1	28.1	26.1	26.1	27.1	26.1	26.1	26.1	25.1
87.5°	12.0	12.0	12.0	12.0	13.1	11.0	12.0	12.0	11.0	11.0	10.0
90°	5.9	6.6	7.2	8.3	9.5	10.6	11.8	12.6	13.4	14.2	15.0
92.5°	8.0	7.3	7.8	8.8	9.8	10.8	11.8	12.6	13.4	14.2	15.0
95°	39.9	39.7	36.6	30.4	24.2	18.0	11.8	12.6	13.4	14.2	15.0
97.5°	82.5	83.0	75.2	59.7	44.2	28.7	13.2	13.5	13.9	14.2	14.5
100°	124.7	124.9	125.2	125.9	126.5	127.2	127.8	103.5	79.2	54.9	30.6
102.5°	170.1	170.4	170.6	170.9	171.2	171.6	171.9	172.2	172.5	172.8	173.1
105°	218.6	218.9	218.9	218.9	218.9	218.9	218.9	218.9	218.9	218.9	218.9
107.5°	265.9	265.9	266.1	266.4	266.7	267.0	267.3	267.5	267.7	267.8	268.0
110°	314.4	314.4	314.6	314.9	315.2	315.5	315.8	315.3	314.8	314.3	313.8

TEST NUMBER: P1027298

CATALOG NUMBER: S125RDIP-B850D850UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	361.9	362.1	362.2	362.3	362.5	362.6	362.8	362.2	361.5	360.9	360.2
115°	408.7	409.1	409.2	409.3	409.5	409.6	409.8	409.2	408.5	407.9	407.2
117.5°	453.2	453.2	453.5	454.2	454.8	455.5	456.1	455.1	454.1	453.2	452.2
120°	496.6	496.5	496.7	497.2	497.7	498.2	498.7	498.4	498.0	497.7	497.4
122.5°	539.4	539.8	539.9	540.1	540.2	540.4	540.6	540.3	539.9	539.6	539.3
125°	581.1	581.7	581.7	581.7	581.7	581.7	581.7	581.1	580.4	579.8	579.1
127.5°	618.8	619.2	619.1	618.9	618.8	618.6	618.4	618.1	617.8	617.5	617.2
130°	654.0	654.4	654.5	654.6	654.8	654.9	655.1	654.6	654.1	653.6	653.1
132.5°	689.9	690.4	690.2	689.7	689.2	688.7	688.2	688.2	688.2	688.2	688.2
135°	723.0	723.5	723.3	723.0	722.7	722.3	722.0	721.7	721.3	721.0	720.7
137.5°	753.8	754.3	754.1	753.8	753.5	753.1	752.8	752.8	752.8	752.8	752.8
140°	781.3	781.5	781.4	781.2	781.1	780.9	780.7	781.0	781.4	781.7	782.0
142.5°	807.8	807.9	808.1	808.4	808.7	809.1	809.4	809.4	809.4	809.4	809.4
145°	834.9	835.1	835.1	835.1	835.1	835.1	835.1	835.3	835.4	835.6	835.7
147.5°	857.1	857.1	857.2	857.4	857.5	857.7	857.9	858.1	858.2	858.4	858.5
150°	877.9	877.7	877.9	878.2	878.5	878.9	879.2	879.5	879.8	880.1	880.4
152.5°	897.2	896.8	897.0	897.3	897.6	898.0	898.3	898.6	898.9	899.2	899.5
155°	914.2	913.7	913.9	914.2	914.5	914.9	915.2	915.7	916.2	916.7	917.2
157.5°	930.0	929.8	929.8	929.8	929.8	929.8	929.8	930.3	930.8	931.3	931.8
160°	942.8	942.3	942.4	942.6	942.7	942.9	943.1	943.7	944.4	945.0	945.7
162.5°	954.6	954.1	954.2	954.3	954.5	954.6	954.8	955.8	956.8	957.7	958.7
165°	964.9	964.4	964.5	964.6	964.8	964.9	965.1	966.1	967.1	968.0	969.0
167.5°	972.9	972.4	972.5	972.7	972.8	973.0	973.2	974.3	975.5	976.6	977.7
170°	978.9	978.3	978.4	978.5	978.7	978.8	979.0	980.3	981.6	982.9	984.2
172.5°	983.3	982.7	982.9	983.2	983.5	983.9	984.2	985.3	986.5	987.6	988.7
175°	986.9	986.4	986.5	986.6	986.8	986.9	987.1	988.4	989.7	991.0	992.3
177.5°	989.1	988.6	988.7	988.8	989.0	989.1	989.3	990.5	991.6	992.8	993.9
180°	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8

TEST NUMBER: P1027298

CATALOG NUMBER: S125RDIP-B850D850UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8
2.5°	1157.5	1159.5	1154.5	1152.5	1148.5	1153.5	1154.5	1153.5	1162.6	1158.5	1160.5
5°	1090.3	1086.3	1083.2	1076.2	1076.2	1077.2	1080.2	1075.2	1078.2	1085.3	1084.2
7.5°	1016.0	1014.0	1015.0	1006.9	1000.9	1002.9	1000.9	1010.0	1015.0	1013.0	1017.0
10°	948.7	952.7	943.7	939.7	935.7	939.7	938.7	940.7	946.7	950.7	957.8
12.5°	894.5	893.5	888.5	884.5	877.4	879.4	885.5	883.5	884.5	893.5	892.5
15°	843.3	837.3	833.3	824.2	826.2	819.2	825.2	832.3	835.3	843.3	848.3
17.5°	792.1	791.1	786.1	785.1	774.0	771.0	777.0	779.1	782.1	786.1	793.1
20°	748.9	747.9	740.9	738.9	729.9	735.9	733.9	737.9	739.9	747.9	750.9
22.5°	709.8	704.8	702.8	699.7	696.7	695.7	699.7	698.7	705.8	708.8	709.8
25°	673.6	669.6	668.6	663.6	661.6	658.6	661.6	664.6	672.6	675.6	679.7
27.5°	640.5	637.5	635.5	631.5	628.5	628.5	630.5	634.5	637.5	639.5	641.5
30°	610.4	608.4	602.4	600.4	597.3	597.3	597.3	599.3	604.4	610.4	613.4
32.5°	579.3	575.3	571.2	571.2	568.2	568.2	569.2	571.2	576.3	577.3	582.3
35°	549.2	545.1	542.1	540.1	541.1	537.1	539.1	542.1	548.1	550.2	553.2
37.5°	520.0	519.0	513.0	510.0	512.0	512.0	511.0	513.0	517.0	521.0	523.0
40°	487.9	485.9	485.9	482.9	483.9	479.9	482.9	484.9	486.9	490.9	493.9
42.5°	459.8	457.8	453.8	454.8	451.8	451.8	453.8	454.8	457.8	462.8	464.8
45°	429.7	429.7	427.7	424.7	425.7	422.7	424.7	425.7	429.7	434.7	432.7
47.5°	400.6	399.6	399.6	395.5	397.6	394.5	397.6	398.6	400.6	403.6	402.6
50°	372.5	369.4	370.5	369.4	368.4	368.4	370.5	370.5	372.5	372.5	375.5
52.5°	343.3	343.3	341.3	342.3	344.3	342.3	345.4	342.3	344.3	345.4	347.4
55°	317.2	315.2	316.2	315.2	319.3	316.2	319.3	317.2	319.3	318.2	320.3
57.5°	289.1	286.1	287.1	286.1	289.1	288.1	291.1	288.1	289.1	290.1	293.1
60°	257.0	257.0	257.0	255.0	258.0	258.0	257.0	257.0	261.0	263.0	262.0
62.5°	226.9	225.9	222.9	221.9	222.9	220.9	224.9	223.9	225.9	227.9	229.9
65°	193.8	191.8	190.7	188.7	188.7	187.7	188.7	192.8	193.8	194.8	199.8
67.5°	166.7	165.6	164.6	161.6	161.6	163.6	163.6	163.6	169.7	166.7	170.7
70°	142.6	140.6	138.5	137.5	137.5	138.5	139.5	140.6	139.5	143.6	144.6
72.5°	119.5	120.5	118.5	118.5	118.5	117.5	117.5	119.5	120.5	119.5	120.5
75°	99.4	99.4	98.4	99.4	99.4	98.4	98.4	100.4	100.4	99.4	102.4
77.5°	80.3	79.3	77.3	75.3	76.3	75.3	76.3	75.3	78.3	81.3	79.3
80°	56.2	55.2	55.2	55.2	56.2	55.2	57.2	55.2	56.2	56.2	57.2
82.5°	40.2	41.2	41.2	40.2	41.2	40.2	41.2	41.2	41.2	40.2	41.2
85°	26.1	26.1	26.1	26.1	25.1	26.1	26.1	26.1	27.1	26.1	27.1
87.5°	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	12.0	11.0	12.0
90°	15.4	15.6	16.1	16.6	17.1	17.6	17.1	16.6	16.1	15.6	15.4
92.5°	15.4	15.5	15.7	15.8	16.0	16.2	16.0	15.8	15.7	15.5	15.4
95°	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
97.5°	14.7	14.8	14.9	15.1	15.2	15.4	15.2	15.1	14.9	14.8	14.7
100°	18.4	18.1	17.4	16.7	16.1	15.4	16.1	16.7	17.4	18.1	18.4
102.5°	173.3	166.4	152.7	139.0	125.3	111.6	125.3	139.0	152.7	166.4	173.3
105°	218.9	218.8	218.6	218.5	218.3	218.1	218.3	218.5	218.6	218.8	218.9
107.5°	268.1	267.8	267.1	266.4	265.8	265.1	265.8	266.4	267.1	267.8	268.1
110°	313.6	313.7	313.9	314.0	314.2	314.4	314.2	314.0	313.9	313.7	313.6

TEST NUMBER: P1027298

CATALOG NUMBER: S125RDIP-B850D850UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	359.9	359.7	359.4	359.1	358.7	358.4	358.7	359.1	359.4	359.7	359.9
115°	406.9	406.4	405.4	404.5	403.5	402.5	403.5	404.5	405.4	406.4	406.9
117.5°	451.7	451.5	451.2	450.9	450.5	450.2	450.5	450.9	451.2	451.5	451.7
120°	497.2	496.8	496.0	495.2	494.4	493.6	494.4	495.2	496.0	496.8	497.2
122.5°	539.1	538.6	537.6	536.7	535.7	534.7	535.7	536.7	537.6	538.6	539.1
125°	578.8	578.6	578.1	577.6	577.1	576.6	577.1	577.6	578.1	578.6	578.8
127.5°	617.0	616.3	615.0	613.7	612.4	611.1	612.4	613.7	615.0	616.3	617.0
130°	652.9	652.5	651.7	650.9	650.1	649.3	650.1	650.9	651.7	652.5	652.9
132.5°	688.2	687.8	687.0	686.1	685.3	684.5	685.3	686.1	687.0	687.8	688.2
135°	720.5	720.0	719.0	718.1	717.1	716.1	717.1	718.1	719.0	720.0	720.5
137.5°	752.8	752.4	751.6	750.8	750.0	749.2	750.0	750.8	751.6	752.4	752.8
140°	782.2	781.7	780.7	779.8	778.8	777.8	778.8	779.8	780.7	781.7	782.2
142.5°	809.4	808.9	807.9	807.0	806.0	805.0	806.0	807.0	807.9	808.9	809.4
145°	835.8	835.3	834.3	833.4	832.4	831.4	832.4	833.4	834.3	835.3	835.8
147.5°	858.6	858.0	856.9	855.8	854.6	853.5	854.6	855.8	856.9	858.0	858.6
150°	880.6	880.0	878.7	877.4	876.1	874.8	876.1	877.4	878.7	880.0	880.6
152.5°	899.7	899.1	898.0	896.9	895.7	894.6	895.7	896.9	898.0	899.1	899.7
155°	917.4	916.7	915.4	914.1	912.8	911.5	912.8	914.1	915.4	916.7	917.4
157.5°	932.0	931.4	930.1	928.8	927.5	926.2	927.5	928.8	930.1	931.4	932.0
160°	946.0	945.3	944.0	942.7	941.4	940.1	941.4	942.7	944.0	945.3	946.0
162.5°	959.2	958.5	957.0	955.5	954.1	952.6	954.1	955.5	957.0	958.5	959.2
165°	969.5	968.8	967.5	966.2	964.9	963.6	964.9	966.2	967.5	968.8	969.5
167.5°	978.3	977.6	976.1	974.6	973.2	971.7	973.2	974.6	976.1	977.6	978.3
170°	984.9	984.2	982.7	981.2	979.8	978.3	979.8	981.2	982.7	984.2	984.9
172.5°	989.3	988.6	987.1	985.6	984.2	982.7	984.2	985.6	987.1	988.6	989.3
175°	993.0	992.3	990.8	989.3	987.9	986.4	987.9	989.3	990.8	992.3	993.0
177.5°	994.5	993.8	992.5	991.2	989.9	988.6	989.9	991.2	992.5	993.8	994.5
180°	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8

TEST NUMBER: P1027298

CATALOG NUMBER: S125RDIP-B850D850UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8	1222.8
2.5°	1156.5	1161.6	1157.5	1154.5	1162.6	1166.6	1166.6	1173.6	1180.6	1186.6	1187.7
5°	1085.3	1093.3	1095.3	1094.3	1106.3	1112.4	1125.4	1132.4	1142.5	1149.5	1157.5
7.5°	1020.0	1031.0	1032.0	1034.1	1052.1	1062.2	1073.2	1091.3	1105.3	1115.4	1124.4
10°	954.7	961.8	968.8	977.8	995.9	1013.0	1029.0	1048.1	1066.2	1076.2	1089.3
12.5°	905.5	910.6	918.6	924.6	943.7	958.8	979.8	1005.9	1032.0	1040.1	1056.1
15°	854.3	857.4	873.4	879.4	895.5	920.6	933.7	958.8	986.9	1001.9	1020.0
17.5°	795.1	813.2	823.2	830.3	850.3	870.4	891.5	917.6	953.7	967.8	980.8
20°	753.0	766.0	777.0	786.1	804.2	834.3	853.3	874.4	908.6	924.6	943.7
22.5°	715.8	726.8	736.9	746.9	759.0	786.1	808.2	837.3	871.4	886.5	908.6
25°	680.7	691.7	697.7	709.8	725.8	744.9	771.0	797.1	831.3	848.3	869.4
27.5°	646.5	657.6	668.6	678.7	689.7	707.8	725.8	759.0	794.1	814.2	832.3
30°	617.4	622.4	632.5	643.5	654.6	671.6	692.7	715.8	756.0	774.0	796.1
32.5°	585.3	594.3	601.4	609.4	623.4	637.5	656.6	685.7	717.8	734.9	759.0
35°	555.2	563.2	568.2	582.3	591.3	606.4	625.5	651.6	678.7	697.7	718.8
37.5°	526.1	534.1	540.1	548.1	560.2	573.2	593.3	612.4	644.5	660.6	684.7
40°	495.9	503.0	510.0	519.0	530.1	546.1	558.2	582.3	608.4	626.5	644.5
42.5°	466.8	470.8	478.9	488.9	500.0	514.0	531.1	550.2	576.3	592.3	608.4
45°	435.7	442.7	451.8	458.8	468.8	482.9	498.0	515.0	541.1	557.2	574.3
47.5°	406.6	411.6	417.6	428.7	441.7	451.8	467.8	483.9	508.0	523.0	539.1
50°	376.5	381.5	390.5	397.6	407.6	420.6	435.7	452.8	475.9	485.9	502.0
52.5°	348.4	350.4	359.4	366.4	376.5	391.5	403.6	418.6	440.7	451.8	467.8
55°	320.3	322.3	327.3	334.3	345.4	357.4	370.5	387.5	406.6	416.6	431.7
57.5°	291.1	293.1	298.2	303.2	314.2	325.3	340.3	354.4	373.5	382.5	396.6
60°	262.0	262.0	267.0	274.1	282.1	292.1	305.2	322.3	336.3	347.4	357.4
62.5°	230.9	233.9	236.9	241.9	251.0	263.0	274.1	286.1	303.2	311.2	320.3
65°	199.8	202.8	208.8	213.8	220.9	228.9	243.0	253.0	266.0	275.1	283.1
67.5°	172.7	175.7	179.7	185.7	190.7	199.8	209.8	219.9	233.9	239.9	246.0
70°	144.6	147.6	150.6	158.6	163.6	170.7	177.7	187.7	199.8	203.8	208.8
72.5°	122.5	123.5	127.5	129.5	136.5	142.6	150.6	156.6	165.6	170.7	174.7
75°	103.4	103.4	104.4	106.4	110.4	114.4	120.5	126.5	134.5	137.5	142.6
77.5°	81.3	84.3	83.3	85.3	87.3	89.4	94.4	98.4	106.4	108.4	110.4
80°	58.2	59.2	62.2	65.3	65.3	68.3	71.3	72.3	77.3	80.3	80.3
82.5°	42.2	43.2	42.2	43.2	44.2	45.2	48.2	52.2	52.2	53.2	55.2
85°	26.1	26.1	27.1	28.1	28.1	27.1	29.1	28.1	29.1	31.1	31.1
87.5°	13.1	12.0	12.0	12.0	12.0	12.0	13.1	12.0	13.1	13.1	13.1
90°	15.0	14.2	13.4	12.6	11.8	10.6	9.5	8.3	7.2	6.6	5.9
92.5°	15.0	14.2	13.4	12.6	11.8	10.8	9.8	8.8	7.8	7.3	8.0
95°	15.0	14.2	13.4	12.6	11.8	18.0	24.2	30.4	36.6	39.7	39.9
97.5°	14.5	14.2	13.9	13.5	13.2	28.7	44.2	59.7	75.2	83.0	82.5
100°	30.6	54.9	79.2	103.5	127.8	127.2	126.5	125.9	125.2	124.9	124.7
102.5°	173.1	172.8	172.5	172.2	171.9	171.6	171.2	170.9	170.6	170.4	170.1
105°	218.9	218.9	218.9	218.9	218.9	218.9	218.9	218.9	218.9	218.9	218.6
107.5°	268.0	267.8	267.7	267.5	267.3	267.0	266.7	266.4	266.1	265.9	265.9
110°	313.8	314.3	314.8	315.3	315.8	315.5	315.2	314.9	314.6	314.4	314.4

TEST NUMBER: P1027298

CATALOG NUMBER: S125RDIP-B850D850UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	360.2	360.9	361.5	362.2	362.8	362.6	362.5	362.3	362.2	362.1	361.9
115°	407.2	407.9	408.5	409.2	409.8	409.6	409.5	409.3	409.2	409.1	408.7
117.5°	452.2	453.2	454.1	455.1	456.1	455.5	454.8	454.2	453.5	453.2	453.2
120°	497.4	497.7	498.0	498.4	498.7	498.2	497.7	497.2	496.7	496.5	496.6
122.5°	539.3	539.6	539.9	540.3	540.6	540.4	540.2	540.1	539.9	539.8	539.4
125°	579.1	579.8	580.4	581.1	581.7	581.7	581.7	581.7	581.7	581.7	581.1
127.5°	617.2	617.5	617.8	618.1	618.4	618.6	618.8	618.9	619.1	619.2	618.8
130°	653.1	653.6	654.1	654.6	655.1	654.9	654.8	654.6	654.5	654.4	654.0
132.5°	688.2	688.2	688.2	688.2	688.2	688.7	689.2	689.7	690.2	690.4	689.9
135°	720.7	721.0	721.3	721.7	722.0	722.3	722.7	723.0	723.3	723.5	723.0
137.5°	752.8	752.8	752.8	752.8	752.8	753.1	753.5	753.8	754.1	754.3	753.8
140°	782.0	781.7	781.4	781.0	780.7	780.9	781.1	781.2	781.4	781.5	781.3
142.5°	809.4	809.4	809.4	809.4	809.4	809.1	808.7	808.4	808.1	807.9	807.8
145°	835.7	835.6	835.4	835.3	835.1	835.1	835.1	835.1	835.1	835.1	834.9
147.5°	858.5	858.4	858.2	858.1	857.9	857.7	857.5	857.4	857.2	857.1	857.1
150°	880.4	880.1	879.8	879.5	879.2	878.9	878.5	878.2	877.9	877.7	877.9
152.5°	899.5	899.2	898.9	898.6	898.3	898.0	897.6	897.3	897.0	896.8	897.2
155°	917.2	916.7	916.2	915.7	915.2	914.9	914.5	914.2	913.9	913.7	914.2
157.5°	931.8	931.3	930.8	930.3	929.8	929.8	929.8	929.8	929.8	929.8	930.0
160°	945.7	945.0	944.4	943.7	943.1	942.9	942.7	942.6	942.4	942.3	942.8
162.5°	958.7	957.7	956.8	955.8	954.8	954.6	954.5	954.3	954.2	954.1	954.6
165°	969.0	968.0	967.1	966.1	965.1	964.9	964.8	964.6	964.5	964.4	964.9
167.5°	977.7	976.6	975.5	974.3	973.2	973.0	972.8	972.7	972.5	972.4	972.9
170°	984.2	982.9	981.6	980.3	979.0	978.8	978.7	978.5	978.4	978.3	978.9
172.5°	988.7	987.6	986.5	985.3	984.2	983.9	983.5	983.2	982.9	982.7	983.3
175°	992.3	991.0	989.7	988.4	987.1	986.9	986.8	986.6	986.5	986.4	986.9
177.5°	993.9	992.8	991.6	990.5	989.3	989.1	989.0	988.8	988.7	988.6	989.1
180°	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8

TEST NUMBER: P1027298

CATALOG NUMBER: S125RDIP-B850D850UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1222.8	1222.8	1222.8	1222.8
2.5°	1194.7	1203.7	1212.8	1223.8
5°	1170.6	1186.6	1203.7	1219.8
7.5°	1144.5	1167.6	1189.7	1212.8
10°	1115.4	1144.5	1169.6	1201.7
12.5°	1083.2	1114.4	1149.5	1185.6
15°	1051.1	1090.3	1127.4	1168.6
17.5°	1021.0	1058.1	1099.3	1148.5
20°	984.9	1026.0	1072.2	1124.4
22.5°	946.7	991.9	1042.1	1098.3
25°	914.6	960.8	1009.0	1068.2
27.5°	879.4	927.6	974.8	1038.1
30°	839.3	891.5	939.7	1004.9
32.5°	801.1	853.3	906.6	967.8
35°	764.0	815.2	868.4	930.6
37.5°	728.9	775.0	827.2	883.5
40°	695.7	737.9	784.1	835.3
42.5°	653.6	702.8	745.9	783.1
45°	617.4	657.6	697.7	727.9
47.5°	575.3	615.4	649.5	673.6
50°	540.1	572.2	600.4	621.4
52.5°	498.0	528.1	551.2	567.2
55°	456.8	482.9	503.0	514.0
57.5°	419.6	436.7	451.8	461.8
60°	378.5	391.5	404.6	415.6
62.5°	334.3	348.4	355.4	367.4
65°	295.2	304.2	315.2	319.3
67.5°	257.0	262.0	269.1	277.1
70°	216.8	219.9	226.9	237.9
72.5°	181.7	184.7	189.7	193.8
75°	144.6	147.6	151.6	155.6
77.5°	113.4	114.4	116.5	120.5
80°	82.3	85.3	87.3	88.3
82.5°	57.2	58.2	58.2	59.2
85°	36.1	34.1	34.1	35.1
87.5°	13.1	15.1	15.1	17.1
90°	4.6	3.3	2.0	0.7
92.5°	9.5	11.0	12.5	14.0
95°	40.4	40.9	41.4	41.9
97.5°	81.5	80.6	79.6	78.6
100°	124.2	123.7	123.2	122.7
102.5°	169.4	168.8	168.1	167.5
105°	217.9	217.2	216.6	215.9
107.5°	265.9	265.9	265.9	265.9
110°	314.4	314.4	314.4	314.4

TEST NUMBER: P1027298

CATALOG NUMBER: S125RDIP-B850D850UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	361.4	360.9	360.4	359.9
115°	407.9	407.0	406.2	405.4
117.5°	453.2	453.2	453.2	453.2
120°	496.7	496.9	497.0	497.2
122.5°	538.6	537.8	537.0	536.2
125°	580.0	578.9	577.7	576.6
127.5°	618.0	617.1	616.3	615.5
130°	653.2	652.3	651.5	650.7
132.5°	688.9	688.0	687.0	686.0
135°	722.0	721.0	720.0	719.0
137.5°	752.8	751.9	750.9	749.9
140°	781.0	780.7	780.3	780.0
142.5°	807.7	807.5	807.4	807.2
145°	834.6	834.3	833.9	833.6
147.5°	857.1	857.1	857.1	857.1
150°	878.2	878.5	878.9	879.2
152.5°	898.0	898.9	899.7	900.5
155°	915.2	916.1	917.1	918.1
157.5°	930.5	931.0	931.5	932.0
160°	943.8	944.7	945.7	946.7
162.5°	955.6	956.5	957.5	958.5
165°	965.9	966.8	967.8	968.8
167.5°	973.9	974.8	975.8	976.8
170°	980.0	981.2	982.3	983.5
172.5°	984.4	985.6	986.7	987.9
175°	987.9	988.8	989.8	990.8
177.5°	990.1	991.0	992.0	993.0
180°	990.8	990.8	990.8	990.8

(END OF REPORT)