

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: P1027287

Luminaire Tested: S125RDIP-B850D610UB2750-4F0-XX-W2A-A_4000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027287
REPORT IS A COMBINATION OF REPORTS P1005848 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIP-B850D610UB2750-4F0-XX-W2A-A_4000K
Description: Define 5 Regressed Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865}
{m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

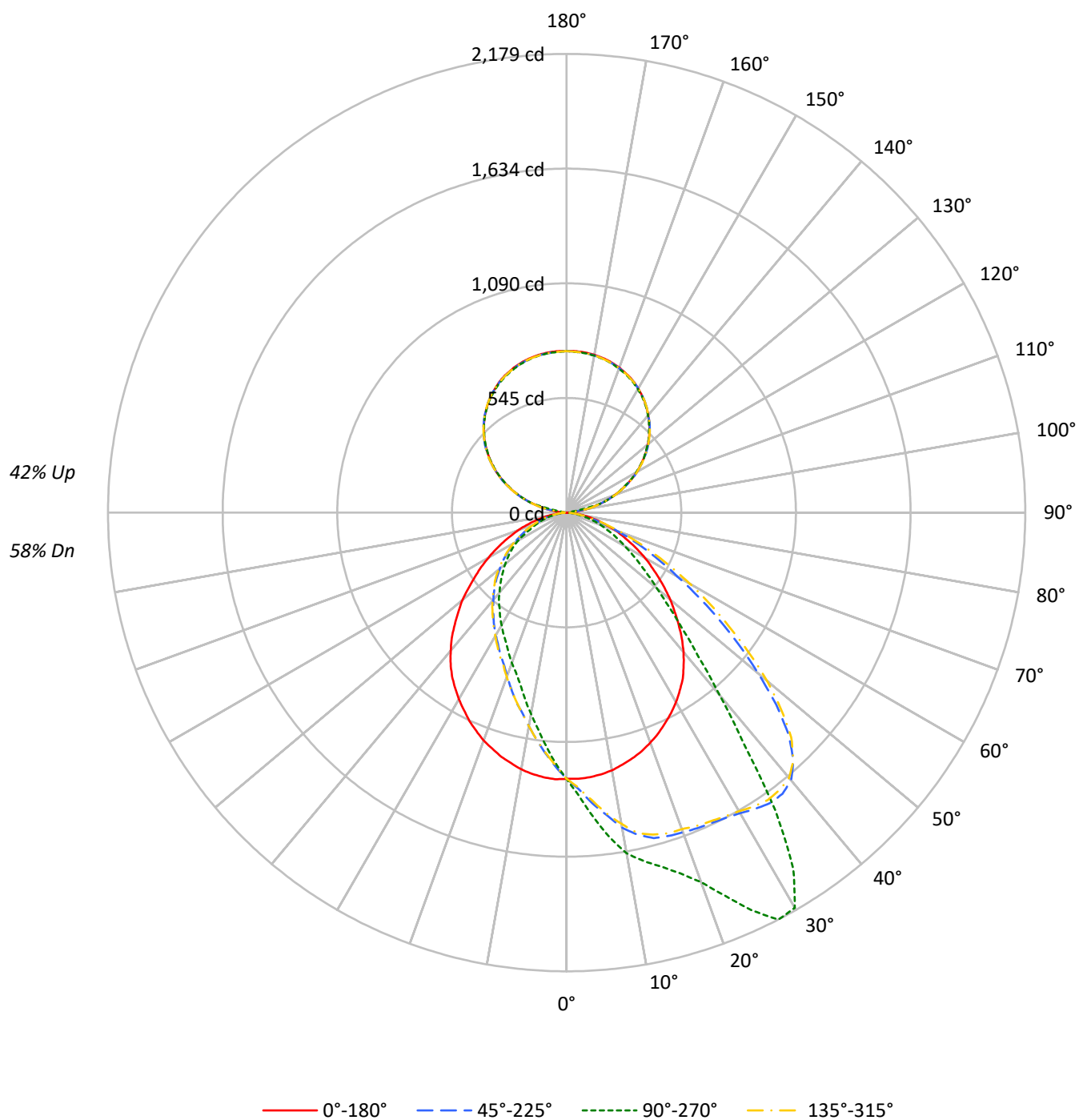
Lumens per Lamp: N/A
Luminaire Lumens: 5633.0 lumens
Efficiency: N/A
Efficacy: 109.8 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 51.3
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

TEST NUMBER: P1027287

CATALOG NUMBER: S125RDIP-B850D610UB2750-4F0-XX-W2A-A_4000K

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	109	109	109	109	102	102	102	102	88	88	88	75	75	75	64	64	64	58		
1	100	96	92	89	93	90	86	84	78	76	73	67	65	64	57	56	55	50		
2	92	84	78	73	85	79	74	69	69	65	61	59	57	54	51	49	47	43		
3	84	75	67	62	78	70	64	58	61	56	52	53	49	46	45	43	40	37		
4	77	66	58	52	71	62	55	50	55	49	45	47	43	40	41	38	35	32		
5	71	59	51	45	66	56	48	43	49	43	39	43	38	35	37	33	31	28		
6	65	53	45	39	61	50	43	38	44	38	34	39	34	31	34	30	27	24		
7	60	48	40	35	56	45	38	33	40	34	30	35	31	27	31	27	24	22		
8	56	44	36	31	52	41	34	29	37	31	27	32	28	24	28	25	22	20		
9	52	40	33	28	49	38	31	26	34	28	24	30	25	22	26	22	20	18		
10	49	37	30	25	46	35	28	24	31	26	22	28	23	20	24	21	18	16		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8102	8102	8102	8102
5°	8095	9131	8095	7018
10°	8049	10261	8022	6067
15°	7962	10856	7907	5282
20°	7856	11718	7787	4775
25°	7719	13264	7632	4333
30°	7579	14099	7465	4018
35°	7398	11595	7294	3723
40°	7075	7874	7016	3459
45°	6654	5660	6644	3199
50°	6220	4353	6250	2958
55°	5732	3539	5722	2726
60°	5279	2901	5253	2421
65°	4750	2418	4780	1948
70°	4312	1940	4295	1623
75°	3643	1469	3643	1333
80°	2954	896	2918	896
85°	2075	472	2018	533

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 11532 cd/sqm

TEST NUMBER: P1027287

CATALOG NUMBER: S125RDIP-B850D610UB2750-4F0-XX-W2A-A_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.3	2.2
10°-20°	355.5	6.3
20°-30°	563.7	10.0
30°-40°	681.1	12.1
40°-50°	606.4	10.8
50°-60°	465.0	8.3
60°-70°	302.0	5.4
70°-80°	146.6	2.6
80°-90°	35.6	0.6
90°-100°	26.0	0.5
100°-110°	173.1	3.1
110°-120°	311.7	5.5
120°-130°	400.1	7.1
130°-140°	430.3	7.6
140°-150°	403.9	7.2
150°-160°	326.7	5.8
160°-170°	211.3	3.8
170°-180°	72.9	1.3
0°-30°	1040.4	18.5
0°-40°	1721.5	30.6
0°-60°	2793.0	49.6
0°-90°	3277.1	58.2
90°-120°	510.8	9.1
90°-150°	1745.0	31.0
90°-180°	2356.0	41.8
0°-180°	5633.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1264	1264	1264	1264	1264	
5°	1261	1449	1261	1114	1261	120
15°	1208	1741	1200	847	1208	341
25°	1105	2085	1092	681	1105	509
35°	962	1730	949	555	962	599
45°	753	773	752	437	753	581
55°	532	425	530	327	532	476
65°	330	241	332	194	330	330
75°	161	112	161	102	161	173
85°	36	24	35	27	36	41
90°	1	14	1	14	1	4
95°	32	12	32	12	32	40
105°	167	169	167	169	167	177
115°	314	312	314	312	314	311
125°	446	446	446	446	446	399
135°	557	554	557	554	557	429
145°	645	644	645	644	645	404
155°	711	706	711	706	711	327
165°	750	746	750	746	750	212
175°	767	764	767	764	767	73
180°	767	767	767	767	767	

TEST NUMBER: P1027287

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5
2.5°	1265.5	1275.9	1279.0	1287.3	1296.7	1298.7	1303.9	1311.2	1315.3	1314.3	1314.3
5°	1261.4	1279.0	1291.5	1306.0	1323.7	1330.9	1337.1	1352.7	1365.2	1372.4	1384.9
7.5°	1254.1	1280.0	1300.8	1322.6	1349.6	1362.1	1375.6	1397.4	1420.2	1434.7	1448.2
10°	1242.7	1275.9	1305.0	1337.1	1373.5	1392.2	1408.8	1442.0	1470.0	1488.7	1519.9
12.5°	1226.1	1267.6	1308.1	1350.6	1396.3	1416.0	1438.9	1475.2	1514.7	1541.7	1567.6
15°	1208.4	1258.2	1301.9	1352.7	1407.7	1437.8	1466.9	1505.3	1540.6	1570.7	1600.8
17.5°	1187.7	1240.6	1294.6	1352.7	1415.0	1445.1	1470.0	1515.7	1553.1	1583.2	1610.2
20°	1162.7	1221.9	1283.2	1347.5	1410.9	1438.9	1462.8	1512.6	1545.8	1578.0	1616.4
22.5°	1135.7	1200.1	1265.5	1328.8	1391.1	1421.2	1449.3	1492.9	1529.2	1572.8	1622.6
25°	1104.6	1175.2	1241.6	1305.0	1364.1	1392.2	1417.1	1464.8	1515.7	1570.7	1626.8
27.5°	1073.5	1142.0	1206.3	1264.5	1328.8	1354.8	1379.7	1439.9	1500.1	1558.3	1635.1
30°	1039.2	1108.8	1164.8	1218.8	1281.1	1308.1	1339.2	1407.7	1476.3	1555.2	1648.6
32.5°	1000.8	1064.1	1116.0	1172.1	1228.1	1261.4	1300.8	1375.6	1454.5	1548.9	1668.3
35°	962.4	1013.2	1061.0	1113.9	1181.4	1216.7	1255.1	1334.0	1432.7	1545.8	1684.9
37.5°	913.6	962.4	999.7	1053.7	1123.3	1164.8	1203.2	1294.6	1406.7	1538.6	1683.9
40°	863.7	905.3	940.6	996.6	1072.4	1110.8	1152.4	1252.0	1379.7	1517.8	1659.0
42.5°	809.8	845.1	883.5	937.5	1011.2	1048.5	1096.3	1212.6	1342.3	1488.7	1594.6
45°	752.7	786.9	819.1	875.2	948.9	989.4	1041.3	1160.7	1296.7	1427.5	1490.8
47.5°	696.6	726.7	761.0	809.8	884.5	929.2	982.1	1109.8	1235.4	1345.5	1350.6
50°	642.6	666.5	695.6	745.4	823.3	865.8	920.8	1040.2	1162.7	1238.5	1187.7
52.5°	586.6	608.4	638.5	682.1	754.7	804.6	852.3	971.7	1074.5	1125.4	1031.9
55°	531.5	550.2	581.4	630.2	693.5	731.9	780.7	891.8	982.1	983.1	881.4
57.5°	477.6	494.2	520.1	563.7	622.9	667.5	712.2	808.7	870.0	852.3	739.2
60°	429.8	440.2	464.1	506.6	561.6	593.8	641.6	722.6	763.0	730.9	609.4
62.5°	380.0	390.3	409.0	443.3	495.2	529.5	559.6	626.0	654.0	605.2	505.6
65°	330.1	342.6	356.1	383.1	431.9	454.7	481.7	530.5	557.5	500.4	414.2
67.5°	286.5	292.8	306.3	334.3	368.5	389.3	408.0	441.2	446.4	400.7	330.1
70°	246.0	248.1	260.6	277.2	303.1	315.6	331.2	350.9	350.9	313.5	257.5
72.5°	200.4	203.5	212.8	230.5	246.0	252.3	257.5	269.9	267.8	233.6	195.2
75°	160.9	163.0	170.3	178.6	184.8	196.2	200.4	198.3	197.3	168.2	146.4
77.5°	124.6	125.6	130.8	138.1	139.1	143.3	140.2	140.2	130.8	114.2	102.8
80°	91.4	92.4	94.5	96.5	96.5	96.5	96.5	91.4	85.1	74.7	71.6
82.5°	61.3	61.3	62.3	64.4	63.3	61.3	59.2	54.0	49.8	46.7	44.6
85°	36.3	36.3	37.4	36.3	32.2	31.1	29.1	28.0	27.0	26.0	26.0
87.5°	17.6	16.6	14.5	12.5	12.5	12.5	12.5	12.5	12.5	11.4	11.4
90°	0.6	1.6	2.6	3.6	4.6	5.1	5.5	6.4	7.3	8.2	9.1
92.5°	10.8	9.7	8.5	7.4	6.3	5.7	6.1	6.8	7.6	8.3	9.1
95°	32.4	32.0	31.6	31.3	30.9	30.7	28.3	23.5	18.7	13.9	9.1
97.5°	60.8	61.6	62.3	63.1	63.8	64.2	58.2	46.2	34.2	22.2	10.2
100°	94.9	95.3	95.7	96.0	96.4	96.6	96.9	97.4	97.9	98.4	98.9
102.5°	129.6	130.1	130.6	131.1	131.6	131.9	132.0	132.3	132.5	132.8	133.0
105°	167.1	167.6	168.1	168.6	169.1	169.4	169.4	169.4	169.4	169.4	169.4
107.5°	205.8	205.8	205.8	205.8	205.8	205.8	205.9	206.2	206.4	206.7	206.9
110°	243.3	243.3	243.3	243.3	243.3	243.3	243.4	243.7	244.0	244.2	244.5

TEST NUMBER: P1027287

CATALOG NUMBER: S125RDIP-B850D610UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	278.6	279.0	279.4	279.7	280.1	280.3	280.4	280.5	280.6	280.7	280.8
115°	313.8	314.4	315.1	315.7	316.4	316.7	316.8	316.9	317.0	317.1	317.2
117.5°	350.8	350.8	350.8	350.8	350.8	350.8	351.1	351.6	352.1	352.6	353.1
120°	384.9	384.8	384.6	384.5	384.4	384.3	384.5	384.9	385.2	385.6	386.0
122.5°	415.0	415.6	416.3	416.9	417.6	417.9	418.0	418.1	418.2	418.3	418.4
125°	446.3	447.2	448.1	449.0	449.9	450.3	450.3	450.3	450.3	450.3	450.3
127.5°	476.4	477.0	477.7	478.3	479.0	479.3	479.2	479.1	479.0	478.8	478.7
130°	503.7	504.3	505.0	505.6	506.3	506.6	506.7	506.8	506.9	507.0	507.1
132.5°	531.0	531.8	532.5	533.3	534.0	534.4	534.2	533.8	533.5	533.1	532.7
135°	556.6	557.4	558.1	558.9	559.6	560.0	559.9	559.6	559.4	559.1	558.9
137.5°	580.5	581.3	582.0	582.8	583.5	583.9	583.8	583.5	583.2	583.0	582.7
140°	603.8	604.0	604.3	604.5	604.8	604.9	604.8	604.7	604.6	604.4	604.3
142.5°	624.8	624.9	625.1	625.2	625.3	625.4	625.5	625.8	626.0	626.3	626.5
145°	645.3	645.5	645.8	646.0	646.3	646.4	646.4	646.4	646.4	646.4	646.4
147.5°	663.5	663.5	663.5	663.5	663.5	663.5	663.6	663.7	663.8	663.9	664.0
150°	680.5	680.3	680.0	679.8	679.5	679.4	679.5	679.8	680.0	680.3	680.5
152.5°	697.0	696.4	695.8	695.1	694.5	694.2	694.3	694.6	694.8	695.1	695.3
155°	710.7	709.9	709.1	708.4	707.6	707.2	707.3	707.6	707.9	708.1	708.4
157.5°	721.5	721.1	720.7	720.3	719.9	719.7	719.7	719.7	719.7	719.7	719.7
160°	732.8	732.0	731.3	730.5	729.8	729.4	729.5	729.6	729.7	729.9	730.0
162.5°	741.9	741.1	740.4	739.6	738.9	738.5	738.6	738.7	738.8	739.0	739.1
165°	749.9	749.1	748.4	747.6	746.9	746.5	746.6	746.7	746.8	746.9	747.0
167.5°	756.1	755.3	754.6	753.8	753.1	752.7	752.8	752.9	753.0	753.2	753.3
170°	761.2	760.3	759.5	758.6	757.7	757.3	757.4	757.5	757.6	757.7	757.8
172.5°	764.7	763.8	762.9	762.0	761.1	760.7	760.8	761.1	761.3	761.6	761.8
175°	766.9	766.1	765.4	764.6	763.9	763.5	763.6	763.7	763.8	764.0	764.1
177.5°	768.6	767.8	767.1	766.3	765.6	765.2	765.3	765.4	765.5	765.7	765.8
180°	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9

TEST NUMBER: P1027287

CATALOG NUMBER: S125RDIP-B850D610UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5
2.5°	1319.5	1326.8	1333.0	1329.9	1342.3	1341.3	1343.4	1347.5	1348.6	1346.5	1342.3
5°	1391.1	1401.5	1419.2	1428.5	1426.4	1434.7	1438.9	1445.1	1451.3	1449.3	1449.3
7.5°	1471.1	1485.6	1503.3	1527.1	1530.2	1537.5	1550.0	1550.0	1557.2	1554.1	1553.1
10°	1540.6	1558.3	1586.3	1605.0	1613.3	1617.5	1629.9	1634.1	1642.4	1643.4	1643.4
12.5°	1597.7	1628.9	1647.6	1666.2	1670.4	1676.6	1686.0	1692.2	1695.3	1695.3	1692.2
15°	1627.8	1652.7	1674.5	1694.3	1705.7	1710.9	1720.2	1727.5	1731.6	1741.0	1743.1
17.5°	1640.3	1670.4	1705.7	1733.7	1753.4	1758.6	1777.3	1783.6	1791.9	1796.0	1801.2
20°	1657.9	1701.5	1744.1	1778.4	1797.1	1810.5	1830.3	1859.3	1867.6	1867.6	1864.5
22.5°	1673.5	1729.6	1787.7	1842.7	1858.3	1885.3	1921.6	1952.8	1965.2	1970.4	1966.3
25°	1692.2	1769.0	1844.8	1913.3	1955.9	1975.6	2024.4	2061.8	2076.3	2084.6	2086.7
27.5°	1724.4	1820.9	1917.5	2004.7	2048.3	2071.1	2122.0	2154.2	2171.8	2179.1	2173.9
30°	1760.7	1879.1	1991.2	2069.1	2098.1	2126.1	2159.4	2171.8	2167.7	2167.7	2183.2
32.5°	1798.1	1920.6	2020.3	2071.1	2081.5	2077.4	2063.9	2026.5	2004.7	2004.7	2018.2
35°	1818.9	1924.7	1975.6	1959.0	1918.5	1894.6	1820.9	1779.4	1732.7	1729.6	1745.1
37.5°	1807.4	1853.1	1832.3	1723.3	1668.3	1622.6	1507.4	1461.7	1427.5	1379.7	1453.4
40°	1727.5	1711.9	1604.0	1447.2	1385.9	1321.6	1230.2	1184.5	1136.8	1129.5	1147.2
42.5°	1592.5	1500.1	1342.3	1190.8	1128.5	1082.8	1013.2	968.6	938.5	926.0	946.8
45°	1424.4	1279.0	1121.2	1000.8	932.3	908.4	845.1	805.6	782.8	773.4	788.0
47.5°	1218.8	1072.4	922.9	821.2	780.7	756.8	714.3	680.0	660.3	654.0	660.3
50°	1035.0	884.5	758.9	693.5	657.2	637.4	602.1	580.3	564.8	560.6	571.0
52.5°	876.2	739.2	643.7	585.5	561.6	545.0	520.1	501.4	492.1	487.9	495.2
55°	734.0	622.9	546.1	496.2	478.6	468.2	446.4	436.0	425.6	424.6	431.9
57.5°	608.4	531.5	460.9	425.6	420.5	404.9	386.2	376.9	371.7	370.6	373.7
60°	506.6	438.1	395.5	364.4	357.1	344.7	334.3	328.1	321.8	319.8	321.8
62.5°	421.5	367.5	333.2	312.5	302.1	299.0	287.6	280.3	279.3	279.3	281.3
65°	347.8	302.1	280.3	263.7	256.4	253.3	245.0	239.8	240.9	240.9	241.9
67.5°	283.4	250.2	230.5	222.2	215.9	214.9	206.6	204.5	202.4	202.4	204.5
70°	225.3	204.5	190.0	185.8	184.8	177.5	174.4	173.4	170.3	171.3	171.3
72.5°	176.5	163.0	154.7	148.5	149.5	145.3	141.2	141.2	139.1	142.2	142.2
75°	130.8	124.6	118.4	116.3	118.4	116.3	113.2	112.1	113.2	112.1	112.1
77.5°	96.5	93.4	91.4	90.3	90.3	86.2	84.1	86.2	82.0	84.1	84.1
80°	67.5	63.3	62.3	60.2	61.3	58.1	59.2	57.1	57.1	57.1	57.1
82.5°	42.6	41.5	41.5	41.5	40.5	40.5	40.5	40.5	40.5	40.5	39.5
85°	26.0	24.9	24.9	24.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
87.5°	10.4	11.4	11.4	12.5	11.4	10.4	10.4	10.4	11.4	11.4	10.4
90°	9.7	10.3	11.0	11.6	11.9	12.1	12.5	12.8	13.2	13.6	13.2
92.5°	9.7	10.3	11.0	11.6	11.9	12.0	12.1	12.2	12.4	12.5	12.4
95°	9.7	10.3	11.0	11.6	11.9	11.9	11.9	11.9	11.9	11.9	11.9
97.5°	10.5	10.7	11.0	11.3	11.4	11.5	11.6	11.7	11.8	11.9	11.8
100°	80.1	61.3	42.4	23.6	14.2	13.9	13.4	12.9	12.4	11.9	12.4
102.5°	133.3	133.5	133.8	134.1	134.2	128.9	118.3	107.6	97.0	86.4	97.0
105°	169.4	169.4	169.4	169.4	169.4	169.3	169.2	169.1	169.0	168.9	169.0
107.5°	207.0	207.2	207.3	207.4	207.5	207.2	206.7	206.2	205.7	205.2	205.7
110°	244.1	243.7	243.4	243.0	242.8	242.9	243.0	243.1	243.2	243.3	243.2

TEST NUMBER: P1027287

CATALOG NUMBER: S125RDIP-B850D610UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	280.3	279.8	279.3	278.8	278.6	278.5	278.2	277.9	277.7	277.4	277.7
115°	316.7	316.2	315.7	315.2	315.0	314.6	313.8	313.1	312.3	311.5	312.3
117.5°	352.3	351.5	350.8	350.0	349.6	349.5	349.2	349.0	348.7	348.5	348.7
120°	385.8	385.5	385.3	385.0	384.9	384.6	383.9	383.3	382.6	382.0	382.6
122.5°	418.2	417.9	417.7	417.4	417.3	416.9	416.2	415.4	414.7	413.9	414.7
125°	449.8	449.3	448.8	448.3	448.0	447.8	447.4	447.1	446.7	446.3	446.7
127.5°	478.5	478.2	478.0	477.7	477.6	477.1	476.1	475.0	474.0	473.0	474.0
130°	506.7	506.3	506.0	505.6	505.4	505.1	504.5	503.8	503.2	502.6	503.2
132.5°	532.7	532.7	532.7	532.7	532.7	532.4	531.8	531.1	530.5	529.9	530.5
135°	558.6	558.4	558.1	557.8	557.7	557.3	556.6	555.8	555.1	554.3	555.1
137.5°	582.7	582.7	582.7	582.7	582.7	582.4	581.8	581.1	580.5	579.9	580.5
140°	604.6	604.8	605.1	605.4	605.5	605.1	604.4	603.6	602.9	602.1	602.9
142.5°	626.5	626.5	626.5	626.5	626.5	626.1	625.4	624.6	623.9	623.1	623.9
145°	646.5	646.7	646.8	646.9	647.0	646.6	645.9	645.1	644.4	643.6	644.4
147.5°	664.1	664.3	664.4	664.5	664.6	664.2	663.3	662.4	661.5	660.6	661.5
150°	680.8	681.0	681.3	681.6	681.7	681.2	680.2	679.1	678.1	677.1	678.1
152.5°	695.5	695.8	696.0	696.3	696.4	696.0	695.1	694.2	693.4	692.5	693.4
155°	708.8	709.2	709.5	709.9	710.1	709.6	708.6	707.5	706.5	705.5	706.5
157.5°	720.1	720.5	720.9	721.3	721.5	721.0	720.0	718.9	717.9	716.9	717.9
160°	730.5	731.0	731.5	732.0	732.3	731.8	730.8	729.7	728.7	727.7	728.7
162.5°	739.9	740.6	741.4	742.1	742.5	741.9	740.8	739.7	738.5	737.4	738.5
165°	747.8	748.5	749.3	750.0	750.4	749.9	748.9	747.9	746.9	745.9	746.9
167.5°	754.2	755.1	756.0	756.9	757.3	756.7	755.6	754.5	753.3	752.2	753.3
170°	758.8	759.8	760.9	761.9	762.4	761.8	760.7	759.6	758.4	757.3	758.4
172.5°	762.7	763.6	764.5	765.4	765.8	765.2	764.1	763.0	761.8	760.7	761.8
175°	765.1	766.1	767.1	768.1	768.6	768.0	766.9	765.8	764.6	763.5	764.6
177.5°	766.7	767.6	768.5	769.4	769.8	769.3	768.3	767.2	766.2	765.2	766.2
180°	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9

TEST NUMBER: P1027287

CATALOG NUMBER: S125RDIP-B850D610UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5
2.5°	1347.5	1340.3	1343.4	1340.3	1337.1	1334.0	1326.8	1316.4	1308.1	1301.9	1300.8
5°	1451.3	1442.0	1435.8	1432.7	1426.4	1418.1	1404.6	1389.1	1370.4	1363.1	1348.6
7.5°	1546.9	1543.7	1529.2	1527.1	1523.0	1507.4	1484.6	1463.8	1439.9	1420.2	1401.5
10°	1637.2	1629.9	1619.5	1605.0	1602.9	1583.2	1561.4	1532.3	1501.2	1482.5	1449.3
12.5°	1693.2	1684.9	1673.5	1664.2	1659.0	1646.5	1616.4	1587.3	1559.3	1525.1	1496.0
15°	1733.7	1723.3	1702.6	1695.3	1689.1	1672.5	1650.7	1620.6	1583.2	1559.3	1517.8
17.5°	1788.7	1776.3	1755.5	1742.0	1730.6	1704.7	1673.5	1633.0	1597.7	1570.7	1533.4
20°	1852.1	1833.4	1806.4	1788.7	1772.1	1742.0	1698.4	1650.7	1599.8	1566.6	1528.2
22.5°	1956.9	1921.6	1879.1	1854.2	1831.3	1779.4	1727.5	1668.3	1611.2	1561.4	1514.7
25°	2058.7	2023.4	1970.4	1936.2	1900.9	1840.7	1772.1	1690.1	1617.5	1559.3	1498.1
27.5°	2153.1	2116.8	2068.0	2026.5	1992.2	1901.9	1811.6	1719.2	1626.8	1546.9	1484.6
30°	2174.9	2159.4	2122.0	2085.7	2054.5	1971.5	1866.6	1749.3	1638.2	1535.4	1465.9
32.5°	2043.1	2081.5	2090.9	2085.7	2065.9	2006.8	1910.2	1786.7	1654.8	1530.2	1434.7
35°	1769.0	1838.6	1910.2	1948.6	1967.3	1975.6	1918.5	1805.4	1666.2	1521.9	1414.0
37.5°	1466.9	1534.4	1647.6	1704.7	1768.0	1851.0	1873.9	1801.2	1661.1	1515.7	1380.8
40°	1205.3	1291.5	1384.9	1436.8	1491.8	1641.3	1754.5	1746.2	1644.4	1492.9	1354.8
42.5°	981.1	1035.0	1117.1	1174.2	1241.6	1408.8	1560.4	1635.1	1594.6	1464.8	1321.6
45°	818.1	859.6	917.7	975.9	1017.4	1169.0	1348.6	1471.1	1509.5	1415.0	1270.7
47.5°	689.3	720.5	771.4	807.7	852.3	971.7	1127.4	1299.8	1380.8	1344.4	1216.7
50°	590.7	615.6	656.1	679.0	718.4	821.2	939.5	1120.2	1242.7	1246.8	1145.1
52.5°	504.5	529.5	563.7	583.4	607.3	676.9	796.3	948.9	1090.1	1142.0	1063.1
55°	439.1	453.7	481.7	497.3	519.1	586.6	662.3	792.1	939.5	1024.7	974.8
57.5°	378.9	394.5	412.1	424.6	440.2	494.2	562.7	660.3	806.6	899.0	882.4
60°	330.1	339.5	356.1	365.4	380.0	415.3	463.0	560.6	676.9	764.1	773.4
62.5°	284.5	292.8	304.2	312.5	321.8	349.9	385.2	454.7	556.5	650.9	663.4
65°	245.0	252.3	258.5	265.8	273.0	290.7	320.8	374.8	453.7	541.9	568.9
67.5°	209.7	211.8	221.1	222.2	226.3	239.8	261.6	305.2	362.3	432.9	468.2
70°	175.4	179.6	181.7	184.8	188.9	198.3	215.9	238.8	281.3	338.4	371.7
72.5°	142.2	143.3	146.4	148.5	152.6	159.9	168.2	185.8	212.8	254.3	284.5
75°	113.2	114.2	116.3	117.3	120.4	122.5	126.7	139.1	157.8	182.7	204.5
77.5°	85.1	87.2	89.3	89.3	90.3	92.4	94.5	98.6	108.0	124.6	143.3
80°	58.1	59.2	59.2	60.2	59.2	62.3	65.4	70.6	74.7	79.9	89.3
82.5°	40.5	40.5	40.5	41.5	41.5	42.6	42.6	43.6	44.6	47.8	51.9
85°	24.9	24.9	26.0	23.9	24.9	26.0	26.0	24.9	26.0	27.0	28.0
87.5°	10.4	10.4	11.4	11.4	11.4	11.4	10.4	11.4	10.4	11.4	11.4
90°	12.8	12.5	12.1	11.9	11.6	11.0	10.3	9.7	9.1	8.2	7.3
92.5°	12.2	12.1	12.0	11.9	11.6	11.0	10.3	9.7	9.1	8.3	7.6
95°	11.9	11.9	11.9	11.9	11.6	11.0	10.3	9.7	9.1	13.9	18.7
97.5°	11.7	11.6	11.5	11.4	11.3	11.0	10.7	10.5	10.2	22.2	34.2
100°	12.9	13.4	13.9	14.2	23.6	42.4	61.3	80.1	98.9	98.4	97.9
102.5°	107.6	118.3	128.9	134.2	134.1	133.8	133.5	133.3	133.0	132.8	132.5
105°	169.1	169.2	169.3	169.4	169.4	169.4	169.4	169.4	169.4	169.4	169.4
107.5°	206.2	206.7	207.2	207.5	207.4	207.3	207.2	207.0	206.9	206.7	206.4
110°	243.1	243.0	242.9	242.8	243.0	243.4	243.7	244.1	244.5	244.2	244.0

TEST NUMBER: P1027287

CATALOG NUMBER: S125RDIP-B850D610UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	277.9	278.2	278.5	278.6	278.8	279.3	279.8	280.3	280.8	280.7	280.6
115°	313.1	313.8	314.6	315.0	315.2	315.7	316.2	316.7	317.2	317.1	317.0
117.5°	349.0	349.2	349.5	349.6	350.0	350.8	351.5	352.3	353.1	352.6	352.1
120°	383.3	383.9	384.6	384.9	385.0	385.3	385.5	385.8	386.0	385.6	385.2
122.5°	415.4	416.2	416.9	417.3	417.4	417.7	417.9	418.2	418.4	418.3	418.2
125°	447.1	447.4	447.8	448.0	448.3	448.8	449.3	449.8	450.3	450.3	450.3
127.5°	475.0	476.1	477.1	477.6	477.7	478.0	478.2	478.5	478.7	478.8	479.0
130°	503.8	504.5	505.1	505.4	505.6	506.0	506.3	506.7	507.1	507.0	506.9
132.5°	531.1	531.8	532.4	532.7	532.7	532.7	532.7	532.7	532.7	533.1	533.5
135°	555.8	556.6	557.3	557.7	557.8	558.1	558.4	558.6	558.9	559.1	559.4
137.5°	581.1	581.8	582.4	582.7	582.7	582.7	582.7	582.7	582.7	583.0	583.2
140°	603.6	604.4	605.1	605.5	605.4	605.1	604.8	604.6	604.3	604.4	604.6
142.5°	624.6	625.4	626.1	626.5	626.5	626.5	626.5	626.5	626.5	626.3	626.0
145°	645.1	645.9	646.6	647.0	646.9	646.8	646.7	646.5	646.4	646.4	646.4
147.5°	662.4	663.3	664.2	664.6	664.5	664.4	664.3	664.1	664.0	663.9	663.8
150°	679.1	680.2	681.2	681.7	681.6	681.3	681.0	680.8	680.5	680.3	680.0
152.5°	694.2	695.1	696.0	696.4	696.3	696.0	695.8	695.5	695.3	695.1	694.8
155°	707.5	708.6	709.6	710.1	709.9	709.5	709.2	708.8	708.4	708.1	707.9
157.5°	718.9	720.0	721.0	721.5	721.3	720.9	720.5	720.1	719.7	719.7	719.7
160°	729.7	730.8	731.8	732.3	732.0	731.5	731.0	730.5	730.0	729.9	729.7
162.5°	739.7	740.8	741.9	742.5	742.1	741.4	740.6	739.9	739.1	739.0	738.8
165°	747.9	748.9	749.9	750.4	750.0	749.3	748.5	747.8	747.0	746.9	746.8
167.5°	754.5	755.6	756.7	757.3	756.9	756.0	755.1	754.2	753.3	753.2	753.0
170°	759.6	760.7	761.8	762.4	761.9	760.9	759.8	758.8	757.8	757.7	757.6
172.5°	763.0	764.1	765.2	765.8	765.4	764.5	763.6	762.7	761.8	761.6	761.3
175°	765.8	766.9	768.0	768.6	768.1	767.1	766.1	765.1	764.1	764.0	763.8
177.5°	767.2	768.3	769.3	769.8	769.4	768.5	767.6	766.7	765.8	765.7	765.5
180°	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9

TEST NUMBER: P1027287

CATALOG NUMBER: S125RDIP-B850D610UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5
2.5°	1297.7	1291.5	1287.3	1286.3	1280.0	1274.9	1268.6	1267.6	1264.5	1256.2	1251.0
5°	1338.2	1323.7	1320.5	1311.2	1295.6	1284.2	1269.7	1261.4	1252.0	1236.4	1224.0
7.5°	1379.7	1360.0	1345.5	1332.0	1310.2	1289.4	1268.6	1252.0	1235.4	1212.6	1193.9
10°	1420.2	1390.1	1372.4	1352.7	1322.6	1291.5	1262.4	1238.5	1211.5	1184.5	1157.5
12.5°	1457.6	1419.2	1393.2	1365.2	1327.8	1289.4	1252.0	1218.8	1190.8	1154.4	1124.3
15°	1480.4	1437.8	1411.9	1384.9	1328.8	1286.3	1242.7	1200.1	1162.7	1124.3	1096.3
17.5°	1493.9	1446.2	1417.1	1392.2	1335.1	1276.9	1220.9	1175.2	1134.7	1089.0	1051.7
20°	1487.7	1441.0	1414.0	1390.1	1323.7	1265.5	1205.3	1152.4	1101.5	1054.8	1015.3
22.5°	1474.2	1425.4	1395.3	1373.5	1314.3	1245.8	1179.3	1122.2	1069.3	1022.6	977.9
25°	1445.1	1397.4	1371.4	1344.4	1286.3	1220.9	1153.4	1092.1	1036.1	986.3	936.4
27.5°	1419.2	1361.0	1334.0	1310.2	1248.9	1190.8	1124.3	1056.8	999.7	947.8	898.0
30°	1389.1	1323.7	1294.6	1262.4	1207.4	1152.4	1085.9	1023.6	964.4	909.4	861.7
32.5°	1356.9	1281.1	1247.9	1211.5	1155.5	1103.6	1047.5	986.3	927.1	873.1	823.3
35°	1315.3	1234.4	1196.0	1161.7	1103.6	1051.7	999.7	948.9	889.7	832.6	784.8
37.5°	1275.9	1186.6	1146.1	1106.7	1045.4	995.6	953.0	905.3	848.2	793.2	747.5
40°	1231.3	1128.5	1087.0	1050.6	987.3	932.3	893.9	856.5	806.6	753.7	703.9
42.5°	1190.8	1074.5	1030.9	993.5	927.1	875.2	838.8	807.7	764.1	715.3	664.4
45°	1134.7	1016.4	971.7	932.3	864.8	816.0	778.6	751.6	717.4	671.7	626.0
47.5°	1082.8	960.3	911.5	863.7	802.5	752.7	718.4	697.6	674.8	634.3	587.6
50°	1019.5	895.9	846.1	806.6	737.1	694.5	660.3	645.7	625.0	586.6	549.2
52.5°	951.0	833.6	786.9	739.2	674.8	633.3	603.2	586.6	569.9	541.9	506.6
55°	871.0	764.1	720.5	677.9	613.6	575.1	548.1	530.5	521.2	495.2	469.2
57.5°	794.2	693.5	653.0	613.6	557.5	513.9	496.2	480.7	467.2	448.5	426.7
60°	716.3	625.0	581.4	546.1	497.3	457.8	443.3	427.7	417.3	402.8	387.2
62.5°	627.0	549.2	516.0	482.7	441.2	410.1	393.5	381.0	367.5	358.2	344.7
65°	532.6	477.6	445.4	420.5	381.0	353.0	340.5	332.2	320.8	311.4	301.1
67.5°	444.3	400.7	387.2	360.2	330.1	305.2	295.9	285.5	276.2	271.0	261.6
70°	359.2	328.1	314.6	307.3	274.1	257.5	249.2	245.0	233.6	228.4	222.2
72.5°	278.2	266.8	257.5	248.1	226.3	215.9	206.6	202.4	194.1	190.0	187.9
75°	205.6	198.3	193.1	192.1	182.7	172.3	163.0	160.9	154.7	150.5	148.5
77.5°	144.3	142.2	141.2	142.2	136.0	129.8	127.7	125.6	118.4	117.3	117.3
80°	94.5	99.7	99.7	98.6	96.5	95.5	92.4	90.3	86.2	85.1	86.2
82.5°	58.1	61.3	62.3	64.4	63.3	62.3	60.2	59.2	60.2	58.1	59.2
85°	29.1	31.1	35.3	35.3	36.3	36.3	36.3	35.3	33.2	34.3	33.2
87.5°	11.4	12.5	12.5	12.5	11.4	14.5	15.6	15.6	15.6	13.5	13.5
90°	6.4	5.5	5.1	4.6	3.6	2.6	1.6	0.6	1.6	2.6	3.6
92.5°	6.8	6.1	5.7	6.3	7.4	8.5	9.7	10.8	9.7	8.5	7.4
95°	23.5	28.3	30.7	30.9	31.3	31.6	32.0	32.4	32.0	31.6	31.3
97.5°	46.2	58.2	64.2	63.8	63.1	62.3	61.6	60.8	61.6	62.3	63.1
100°	97.4	96.9	96.6	96.4	96.0	95.7	95.3	94.9	95.3	95.7	96.0
102.5°	132.3	132.0	131.9	131.6	131.1	130.6	130.1	129.6	130.1	130.6	131.1
105°	169.4	169.4	169.4	169.1	168.6	168.1	167.6	167.1	167.6	168.1	168.6
107.5°	206.2	205.9	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8
110°	243.7	243.4	243.3	243.3	243.3	243.3	243.3	243.3	243.3	243.3	243.3

TEST NUMBER: P1027287

CATALOG NUMBER: S125RDIP-B850D610UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	280.5	280.4	280.3	280.1	279.7	279.4	279.0	278.6	279.0	279.4	279.7
115°	316.9	316.8	316.7	316.4	315.7	315.1	314.4	313.8	314.4	315.1	315.7
117.5°	351.6	351.1	350.8	350.8	350.8	350.8	350.8	350.8	350.8	350.8	350.8
120°	384.9	384.5	384.3	384.4	384.5	384.6	384.8	384.9	384.8	384.6	384.5
122.5°	418.1	418.0	417.9	417.6	416.9	416.3	415.6	415.0	415.6	416.3	416.9
125°	450.3	450.3	450.3	449.9	449.0	448.1	447.2	446.3	447.2	448.1	449.0
127.5°	479.1	479.2	479.3	479.0	478.3	477.7	477.0	476.4	477.0	477.7	478.3
130°	506.8	506.7	506.6	506.3	505.6	505.0	504.3	503.7	504.3	505.0	505.6
132.5°	533.8	534.2	534.4	534.0	533.3	532.5	531.8	531.0	531.8	532.5	533.3
135°	559.6	559.9	560.0	559.6	558.9	558.1	557.4	556.6	557.4	558.1	558.9
137.5°	583.5	583.8	583.9	583.5	582.8	582.0	581.3	580.5	581.3	582.0	582.8
140°	604.7	604.8	604.9	604.8	604.5	604.3	604.0	603.8	604.0	604.3	604.5
142.5°	625.8	625.5	625.4	625.3	625.2	625.1	624.9	624.8	624.9	625.1	625.2
145°	646.4	646.4	646.4	646.3	646.0	645.8	645.5	645.3	645.5	645.8	646.0
147.5°	663.7	663.6	663.5	663.5	663.5	663.5	663.5	663.5	663.5	663.5	663.5
150°	679.8	679.5	679.4	679.5	679.8	680.0	680.3	680.5	680.3	680.0	679.8
152.5°	694.6	694.3	694.2	694.5	695.1	695.8	696.4	697.0	696.4	695.8	695.1
155°	707.6	707.3	707.2	707.6	708.4	709.1	709.9	710.7	709.9	709.1	708.4
157.5°	719.7	719.7	719.7	719.9	720.3	720.7	721.1	721.5	721.1	720.7	720.3
160°	729.6	729.5	729.4	729.8	730.5	731.3	732.0	732.8	732.0	731.3	730.5
162.5°	738.7	738.6	738.5	738.9	739.6	740.4	741.1	741.9	741.1	740.4	739.6
165°	746.7	746.6	746.5	746.9	747.6	748.4	749.1	749.9	749.1	748.4	747.6
167.5°	752.9	752.8	752.7	753.1	753.8	754.6	755.3	756.1	755.3	754.6	753.8
170°	757.5	757.4	757.3	757.7	758.6	759.5	760.3	761.2	760.3	759.5	758.6
172.5°	761.1	760.8	760.7	761.1	762.0	762.9	763.8	764.7	763.8	762.9	762.0
175°	763.7	763.6	763.5	763.9	764.6	765.4	766.1	766.9	766.1	765.4	764.6
177.5°	765.4	765.3	765.2	765.6	766.3	767.1	767.8	768.6	767.8	767.1	766.3
180°	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9

TEST NUMBER: P1027287

CATALOG NUMBER: S125RDIP-B850D610UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5
2.5°	1247.9	1243.7	1240.6	1237.5	1224.0	1209.5	1207.4	1204.3	1198.0	1205.3	1202.2
5°	1215.7	1206.3	1201.1	1187.7	1171.0	1158.6	1148.2	1135.7	1130.6	1126.4	1125.4
7.5°	1176.2	1167.9	1158.6	1145.1	1124.3	1103.6	1088.0	1075.5	1065.2	1060.0	1060.0
10°	1137.8	1127.4	1115.0	1092.1	1072.4	1046.5	1029.9	1017.4	1002.9	994.6	987.3
12.5°	1098.4	1087.0	1075.5	1046.5	1023.6	996.6	972.8	957.2	949.9	940.6	928.1
15°	1058.9	1041.3	1029.9	1000.8	971.7	944.7	929.2	912.5	895.9	886.6	882.4
17.5°	1017.4	1004.9	986.3	955.1	922.9	899.0	876.2	860.6	840.9	831.6	822.2
20°	980.0	961.3	942.6	911.5	880.4	848.2	825.3	806.6	794.2	786.9	778.6
22.5°	935.4	917.7	902.2	868.9	834.7	804.6	779.7	768.2	755.8	744.4	736.1
25°	897.0	879.3	863.7	827.4	790.0	762.0	743.3	728.8	715.3	710.1	701.8
27.5°	856.5	839.9	819.1	782.8	749.6	725.7	705.9	692.5	682.1	671.7	665.5
30°	818.1	799.4	780.7	741.2	714.3	690.4	671.7	655.1	646.8	641.6	631.2
32.5°	780.7	756.8	741.2	704.9	679.0	656.1	640.5	626.0	615.6	606.3	598.0
35°	740.2	714.3	698.7	668.6	641.6	618.7	605.2	594.9	582.4	574.1	569.9
37.5°	701.8	680.0	664.4	633.3	606.3	587.6	573.1	559.6	554.4	543.0	540.9
40°	660.3	641.6	627.0	596.9	572.0	557.5	541.9	529.5	520.1	514.9	507.7
42.5°	622.9	607.3	591.8	563.7	539.8	522.2	510.8	499.4	491.0	482.7	477.6
45°	588.6	572.0	557.5	530.5	506.6	491.0	479.6	466.1	464.1	452.6	447.4
47.5°	552.3	537.8	525.3	497.3	475.5	459.9	446.4	437.1	427.7	423.6	416.3
50°	517.0	502.5	487.9	463.0	443.3	427.7	414.2	403.8	398.7	392.4	386.2
52.5°	478.6	467.2	455.8	429.8	410.1	396.6	385.2	371.7	366.5	361.3	357.1
55°	446.4	429.8	417.3	395.5	377.9	363.4	350.9	340.5	335.3	331.2	326.0
57.5°	402.8	392.4	382.0	362.3	345.7	331.2	318.7	310.4	304.2	301.1	302.1
60°	365.4	354.0	347.8	327.0	310.4	299.0	287.6	279.3	273.0	269.9	268.9
62.5°	326.0	317.7	306.3	291.7	275.1	264.7	256.4	250.2	239.8	238.8	235.7
65°	287.6	281.3	271.0	257.5	244.0	234.6	225.3	217.0	212.8	207.6	204.5
67.5°	250.2	244.0	234.6	223.2	213.9	204.5	196.2	187.9	180.6	176.5	174.4
70°	213.9	208.7	202.4	188.9	177.5	170.3	164.0	158.8	151.6	149.5	148.5
72.5°	178.6	173.4	170.3	158.8	148.5	142.2	136.0	130.8	127.7	126.7	123.5
75°	146.4	141.2	137.0	126.7	120.4	116.3	110.0	108.0	104.9	103.8	102.8
77.5°	114.2	109.0	108.0	100.7	93.4	91.4	89.3	85.1	85.1	85.1	83.1
80°	82.0	81.0	79.9	72.7	69.6	67.5	66.4	63.3	61.3	59.2	58.1
82.5°	55.0	54.0	52.9	49.8	46.7	45.7	44.6	42.6	42.6	43.6	41.5
85°	33.2	31.1	30.1	29.1	27.0	27.0	28.0	27.0	27.0	27.0	26.0
87.5°	12.5	12.5	12.5	12.5	13.5	11.4	12.5	12.5	11.4	11.4	10.4
90°	4.6	5.1	5.5	6.4	7.3	8.2	9.1	9.7	10.3	11.0	11.6
92.5°	6.3	5.7	6.1	6.8	7.6	8.3	9.1	9.7	10.3	11.0	11.6
95°	30.9	30.7	28.3	23.5	18.7	13.9	9.1	9.7	10.3	11.0	11.6
97.5°	63.8	64.2	58.2	46.2	34.2	22.2	10.2	10.5	10.7	11.0	11.3
100°	96.4	96.6	96.9	97.4	97.9	98.4	98.9	80.1	61.3	42.4	23.6
102.5°	131.6	131.9	132.0	132.3	132.5	132.8	133.0	133.3	133.5	133.8	134.1
105°	169.1	169.4	169.4	169.4	169.4	169.4	169.4	169.4	169.4	169.4	169.4
107.5°	205.8	205.8	205.9	206.2	206.4	206.7	206.9	207.0	207.2	207.3	207.4
110°	243.3	243.3	243.4	243.7	244.0	244.2	244.5	244.1	243.7	243.4	243.0

TEST NUMBER: P1027287

CATALOG NUMBER: S125RDIP-B850D610UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	280.1	280.3	280.4	280.5	280.6	280.7	280.8	280.3	279.8	279.3	278.8
115°	316.4	316.7	316.8	316.9	317.0	317.1	317.2	316.7	316.2	315.7	315.2
117.5°	350.8	350.8	351.1	351.6	352.1	352.6	353.1	352.3	351.5	350.8	350.0
120°	384.4	384.3	384.5	384.9	385.2	385.6	386.0	385.8	385.5	385.3	385.0
122.5°	417.6	417.9	418.0	418.1	418.2	418.3	418.4	418.2	417.9	417.7	417.4
125°	449.9	450.3	450.3	450.3	450.3	450.3	450.3	449.8	449.3	448.8	448.3
127.5°	479.0	479.3	479.2	479.1	479.0	478.8	478.7	478.5	478.2	478.0	477.7
130°	506.3	506.6	506.7	506.8	506.9	507.0	507.1	506.7	506.3	506.0	505.6
132.5°	534.0	534.4	534.2	533.8	533.5	533.1	532.7	532.7	532.7	532.7	532.7
135°	559.6	560.0	559.9	559.6	559.4	559.1	558.9	558.6	558.4	558.1	557.8
137.5°	583.5	583.9	583.8	583.5	583.2	583.0	582.7	582.7	582.7	582.7	582.7
140°	604.8	604.9	604.8	604.7	604.6	604.4	604.3	604.6	604.8	605.1	605.4
142.5°	625.3	625.4	625.5	625.8	626.0	626.3	626.5	626.5	626.5	626.5	626.5
145°	646.3	646.4	646.4	646.4	646.4	646.4	646.4	646.5	646.7	646.8	646.9
147.5°	663.5	663.5	663.6	663.7	663.8	663.9	664.0	664.1	664.3	664.4	664.5
150°	679.5	679.4	679.5	679.8	680.0	680.3	680.5	680.8	681.0	681.3	681.6
152.5°	694.5	694.2	694.3	694.6	694.8	695.1	695.3	695.5	695.8	696.0	696.3
155°	707.6	707.2	707.3	707.6	707.9	708.1	708.4	708.8	709.2	709.5	709.9
157.5°	719.9	719.7	719.7	719.7	719.7	719.7	719.7	720.1	720.5	720.9	721.3
160°	729.8	729.4	729.5	729.6	729.7	729.9	730.0	730.5	731.0	731.5	732.0
162.5°	738.9	738.5	738.6	738.7	738.8	739.0	739.1	739.9	740.6	741.4	742.1
165°	746.9	746.5	746.6	746.7	746.8	746.9	747.0	747.8	748.5	749.3	750.0
167.5°	753.1	752.7	752.8	752.9	753.0	753.2	753.3	754.2	755.1	756.0	756.9
170°	757.7	757.3	757.4	757.5	757.6	757.7	757.8	758.8	759.8	760.9	761.9
172.5°	761.1	760.7	760.8	761.1	761.3	761.6	761.8	762.7	763.6	764.5	765.4
175°	763.9	763.5	763.6	763.7	763.8	764.0	764.1	765.1	766.1	767.1	768.1
177.5°	765.6	765.2	765.3	765.4	765.5	765.7	765.8	766.7	767.6	768.5	769.4
180°	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9

TEST NUMBER: P1027287

CATALOG NUMBER: S125RDIP-B850D610UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5
2.5°	1197.0	1199.1	1193.9	1191.8	1187.7	1192.8	1193.9	1192.8	1202.2	1198.0	1200.1
5°	1127.4	1123.3	1120.2	1112.9	1112.9	1113.9	1117.1	1111.9	1115.0	1122.2	1121.2
7.5°	1050.6	1048.5	1049.6	1041.3	1035.0	1037.1	1035.0	1044.4	1049.6	1047.5	1051.7
10°	981.1	985.2	975.9	971.7	967.6	971.7	970.7	972.8	979.0	983.1	990.4
12.5°	925.0	924.0	918.8	914.6	907.4	909.4	915.7	913.6	914.6	924.0	922.9
15°	872.1	865.8	861.7	852.3	854.4	847.1	853.4	860.6	863.7	872.1	877.2
17.5°	819.1	818.1	812.9	811.8	800.4	797.3	803.5	805.6	808.7	812.9	820.1
20°	774.5	773.4	766.2	764.1	754.7	761.0	758.9	763.0	765.1	773.4	776.5
22.5°	734.0	728.8	726.7	723.6	720.5	719.4	723.6	722.6	729.8	732.9	734.0
25°	696.6	692.5	691.4	686.2	684.1	681.0	684.1	687.3	695.6	698.7	702.8
27.5°	662.3	659.2	657.2	653.0	649.9	649.9	652.0	656.1	659.2	661.3	663.4
30°	631.2	629.1	622.9	620.8	617.7	617.7	617.7	619.8	625.0	631.2	634.3
32.5°	599.0	594.9	590.7	590.7	587.6	587.6	588.6	590.7	595.9	596.9	602.1
35°	567.9	563.7	560.6	558.5	559.6	555.4	557.5	560.6	566.8	568.9	572.0
37.5°	537.8	536.7	530.5	527.4	529.5	529.5	528.4	530.5	534.7	538.8	540.9
40°	504.5	502.5	502.5	499.4	500.4	496.2	499.4	501.4	503.5	507.7	510.8
42.5°	475.5	473.4	469.2	470.3	467.2	467.2	469.2	470.3	473.4	478.6	480.7
45°	444.3	444.3	442.3	439.1	440.2	437.1	439.1	440.2	444.3	449.5	447.4
47.5°	414.2	413.2	413.2	409.0	411.1	408.0	411.1	412.1	414.2	417.3	416.3
50°	385.2	382.0	383.1	382.0	381.0	381.0	383.1	383.1	385.2	385.2	388.3
52.5°	355.1	355.1	353.0	354.0	356.1	354.0	357.1	354.0	356.1	357.1	359.2
55°	328.1	326.0	327.0	326.0	330.1	327.0	330.1	328.1	330.1	329.1	331.2
57.5°	299.0	295.9	296.9	295.9	299.0	298.0	301.1	298.0	299.0	300.0	303.1
60°	265.8	265.8	265.8	263.7	266.8	266.8	265.8	265.8	269.9	272.0	271.0
62.5°	234.6	233.6	230.5	229.4	230.5	228.4	232.5	231.5	233.6	235.7	237.7
65°	200.4	198.3	197.3	195.2	195.2	194.1	195.2	199.3	200.4	201.4	206.6
67.5°	172.3	171.3	170.3	167.1	167.1	169.2	169.2	169.2	175.4	172.3	176.5
70°	147.4	145.3	143.3	142.2	142.2	143.3	144.3	145.3	144.3	148.5	149.5
72.5°	123.5	124.6	122.5	122.5	122.5	121.5	121.5	123.5	124.6	123.5	124.6
75°	102.8	102.8	101.7	102.8	102.8	101.7	101.7	103.8	103.8	102.8	105.9
77.5°	83.1	82.0	79.9	77.9	78.9	77.9	78.9	77.9	81.0	84.1	82.0
80°	58.1	57.1	57.1	57.1	58.1	57.1	59.2	57.1	58.1	58.1	59.2
82.5°	41.5	42.6	42.6	41.5	42.6	41.5	42.6	42.6	42.6	41.5	42.6
85°	27.0	27.0	27.0	27.0	26.0	27.0	27.0	27.0	28.0	27.0	28.0
87.5°	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	12.5	11.4	12.5
90°	11.9	12.1	12.5	12.8	13.2	13.6	13.2	12.8	12.5	12.1	11.9
92.5°	11.9	12.0	12.1	12.2	12.4	12.5	12.4	12.2	12.1	12.0	11.9
95°	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
97.5°	11.4	11.5	11.6	11.7	11.8	11.9	11.8	11.7	11.6	11.5	11.4
100°	14.2	13.9	13.4	12.9	12.4	11.9	12.4	12.9	13.4	13.9	14.2
102.5°	134.2	128.9	118.3	107.6	97.0	86.4	97.0	107.6	118.3	128.9	134.2
105°	169.4	169.3	169.2	169.1	169.0	168.9	169.0	169.1	169.2	169.3	169.4
107.5°	207.5	207.2	206.7	206.2	205.7	205.2	205.7	206.2	206.7	207.2	207.5
110°	242.8	242.9	243.0	243.1	243.2	243.3	243.2	243.1	243.0	242.9	242.8

TEST NUMBER: P1027287

CATALOG NUMBER: S125RDIP-B850D610UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	278.6	278.5	278.2	277.9	277.7	277.4	277.7	277.9	278.2	278.5	278.6
115°	315.0	314.6	313.8	313.1	312.3	311.5	312.3	313.1	313.8	314.6	315.0
117.5°	349.6	349.5	349.2	349.0	348.7	348.5	348.7	349.0	349.2	349.5	349.6
120°	384.9	384.6	383.9	383.3	382.6	382.0	382.6	383.3	383.9	384.6	384.9
122.5°	417.3	416.9	416.2	415.4	414.7	413.9	414.7	415.4	416.2	416.9	417.3
125°	448.0	447.8	447.4	447.1	446.7	446.3	446.7	447.1	447.4	447.8	448.0
127.5°	477.6	477.1	476.1	475.0	474.0	473.0	474.0	475.0	476.1	477.1	477.6
130°	505.4	505.1	504.5	503.8	503.2	502.6	503.2	503.8	504.5	505.1	505.4
132.5°	532.7	532.4	531.8	531.1	530.5	529.9	530.5	531.1	531.8	532.4	532.7
135°	557.7	557.3	556.6	555.8	555.1	554.3	555.1	555.8	556.6	557.3	557.7
137.5°	582.7	582.4	581.8	581.1	580.5	579.9	580.5	581.1	581.8	582.4	582.7
140°	605.5	605.1	604.4	603.6	602.9	602.1	602.9	603.6	604.4	605.1	605.5
142.5°	626.5	626.1	625.4	624.6	623.9	623.1	623.9	624.6	625.4	626.1	626.5
145°	647.0	646.6	645.9	645.1	644.4	643.6	644.4	645.1	645.9	646.6	647.0
147.5°	664.6	664.2	663.3	662.4	661.5	660.6	661.5	662.4	663.3	664.2	664.6
150°	681.7	681.2	680.2	679.1	678.1	677.1	678.1	679.1	680.2	681.2	681.7
152.5°	696.4	696.0	695.1	694.2	693.4	692.5	693.4	694.2	695.1	696.0	696.4
155°	710.1	709.6	708.6	707.5	706.5	705.5	706.5	707.5	708.6	709.6	710.1
157.5°	721.5	721.0	720.0	718.9	717.9	716.9	717.9	718.9	720.0	721.0	721.5
160°	732.3	731.8	730.8	729.7	728.7	727.7	728.7	729.7	730.8	731.8	732.3
162.5°	742.5	741.9	740.8	739.7	738.5	737.4	738.5	739.7	740.8	741.9	742.5
165°	750.4	749.9	748.9	747.9	746.9	745.9	746.9	747.9	748.9	749.9	750.4
167.5°	757.3	756.7	755.6	754.5	753.3	752.2	753.3	754.5	755.6	756.7	757.3
170°	762.4	761.8	760.7	759.6	758.4	757.3	758.4	759.6	760.7	761.8	762.4
172.5°	765.8	765.2	764.1	763.0	761.8	760.7	761.8	763.0	764.1	765.2	765.8
175°	768.6	768.0	766.9	765.8	764.6	763.5	764.6	765.8	766.9	768.0	768.6
177.5°	769.8	769.3	768.3	767.2	766.2	765.2	766.2	767.2	768.3	769.3	769.8
180°	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9

TEST NUMBER: P1027287

CATALOG NUMBER: S125RDIP-B850D610UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5	1264.5
2.5°	1196.0	1201.1	1197.0	1193.9	1202.2	1206.3	1206.3	1213.6	1220.9	1227.1	1228.1
5°	1122.2	1130.6	1132.6	1131.6	1144.1	1150.3	1163.8	1171.0	1181.4	1188.7	1197.0
7.5°	1054.8	1066.2	1067.2	1069.3	1088.0	1098.4	1109.8	1128.5	1143.0	1153.4	1162.7
10°	987.3	994.6	1001.8	1011.2	1029.9	1047.5	1064.1	1083.8	1102.5	1112.9	1126.4
12.5°	936.4	941.6	949.9	956.1	975.9	991.4	1013.2	1040.2	1067.2	1075.5	1092.1
15°	883.5	886.6	903.2	909.4	926.0	952.0	965.5	991.4	1020.5	1036.1	1054.8
17.5°	822.2	840.9	851.3	858.6	879.3	900.1	921.9	948.9	986.3	1000.8	1014.3
20°	778.6	792.1	803.5	812.9	831.6	862.7	882.4	904.2	939.5	956.1	975.9
22.5°	740.2	751.6	762.0	772.4	784.8	812.9	835.7	865.8	901.1	916.7	939.5
25°	703.9	715.3	721.5	734.0	750.6	770.3	797.3	824.3	859.6	877.2	899.0
27.5°	668.6	680.0	691.4	701.8	713.2	731.9	750.6	784.8	821.2	841.9	860.6
30°	638.5	643.7	654.0	665.5	676.9	694.5	716.3	740.2	781.7	800.4	823.3
32.5°	605.2	614.6	621.9	630.2	644.7	659.2	679.0	709.1	742.3	759.9	784.8
35°	574.1	582.4	587.6	602.1	611.5	627.0	646.8	673.8	701.8	721.5	743.3
37.5°	544.0	552.3	558.5	566.8	579.3	592.8	613.6	633.3	666.5	683.1	708.0
40°	512.9	520.1	527.4	536.7	548.1	564.8	577.2	602.1	629.1	647.8	666.5
42.5°	482.7	486.9	495.2	505.6	517.0	531.5	549.2	568.9	595.9	612.5	629.1
45°	450.6	457.8	467.2	474.4	484.8	499.4	514.9	532.6	559.6	576.2	593.8
47.5°	420.5	425.6	431.9	443.3	456.8	467.2	483.8	500.4	525.3	540.9	557.5
50°	389.3	394.5	403.8	411.1	421.5	435.0	450.6	468.2	492.1	502.5	519.1
52.5°	360.2	362.3	371.7	378.9	389.3	404.9	417.3	432.9	455.8	467.2	483.8
55°	331.2	333.2	338.4	345.7	357.1	369.6	383.1	400.7	420.5	430.8	446.4
57.5°	301.1	303.1	308.3	313.5	324.9	336.4	351.9	366.5	386.2	395.5	410.1
60°	271.0	271.0	276.2	283.4	291.7	302.1	315.6	333.2	347.8	359.2	369.6
62.5°	238.8	241.9	245.0	250.2	259.5	272.0	283.4	295.9	313.5	321.8	331.2
65°	206.6	209.7	215.9	221.1	228.4	236.7	251.2	261.6	275.1	284.5	292.8
67.5°	178.6	181.7	185.8	192.1	197.3	206.6	217.0	227.4	241.9	248.1	254.3
70°	149.5	152.6	155.7	164.0	169.2	176.5	183.8	194.1	206.6	210.7	215.9
72.5°	126.7	127.7	131.8	133.9	141.2	147.4	155.7	162.0	171.3	176.5	180.6
75°	106.9	106.9	108.0	110.0	114.2	118.4	124.6	130.8	139.1	142.2	147.4
77.5°	84.1	87.2	86.2	88.2	90.3	92.4	97.6	101.7	110.0	112.1	114.2
80°	60.2	61.3	64.4	67.5	67.5	70.6	73.7	74.7	79.9	83.1	83.1
82.5°	43.6	44.6	43.6	44.6	45.7	46.7	49.8	54.0	54.0	55.0	57.1
85°	27.0	27.0	28.0	29.1	29.1	28.0	30.1	29.1	30.1	32.2	32.2
87.5°	13.5	12.5	12.5	12.5	12.5	12.5	13.5	12.5	13.5	13.5	13.5
90°	11.6	11.0	10.3	9.7	9.1	8.2	7.3	6.4	5.5	5.1	4.6
92.5°	11.6	11.0	10.3	9.7	9.1	8.3	7.6	6.8	6.1	5.7	6.3
95°	11.6	11.0	10.3	9.7	9.1	13.9	18.7	23.5	28.3	30.7	30.9
97.5°	11.3	11.0	10.7	10.5	10.2	22.2	34.2	46.2	58.2	64.2	63.8
100°	23.6	42.4	61.3	80.1	98.9	98.4	97.9	97.4	96.9	96.6	96.4
102.5°	134.1	133.8	133.5	133.3	133.0	132.8	132.5	132.3	132.0	131.9	131.6
105°	169.4	169.4	169.4	169.4	169.4	169.4	169.4	169.4	169.4	169.4	169.1
107.5°	207.4	207.3	207.2	207.0	206.9	206.7	206.4	206.2	205.9	205.8	205.8
110°	243.0	243.4	243.7	244.1	244.5	244.2	244.0	243.7	243.4	243.3	243.3

TEST NUMBER: P1027287

CATALOG NUMBER: S125RDIP-B850D610UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	278.8	279.3	279.8	280.3	280.8	280.7	280.6	280.5	280.4	280.3	280.1
115°	315.2	315.7	316.2	316.7	317.2	317.1	317.0	316.9	316.8	316.7	316.4
117.5°	350.0	350.8	351.5	352.3	353.1	352.6	352.1	351.6	351.1	350.8	350.8
120°	385.0	385.3	385.5	385.8	386.0	385.6	385.2	384.9	384.5	384.3	384.4
122.5°	417.4	417.7	417.9	418.2	418.4	418.3	418.2	418.1	418.0	417.9	417.6
125°	448.3	448.8	449.3	449.8	450.3	450.3	450.3	450.3	450.3	450.3	449.9
127.5°	477.7	478.0	478.2	478.5	478.7	478.8	479.0	479.1	479.2	479.3	479.0
130°	505.6	506.0	506.3	506.7	507.1	507.0	506.9	506.8	506.7	506.6	506.3
132.5°	532.7	532.7	532.7	532.7	532.7	533.1	533.5	533.8	534.2	534.4	534.0
135°	557.8	558.1	558.4	558.6	558.9	559.1	559.4	559.6	559.9	560.0	559.6
137.5°	582.7	582.7	582.7	582.7	582.7	583.0	583.2	583.5	583.8	583.9	583.5
140°	605.4	605.1	604.8	604.6	604.3	604.4	604.6	604.7	604.8	604.9	604.8
142.5°	626.5	626.5	626.5	626.5	626.5	626.3	626.0	625.8	625.5	625.4	625.3
145°	646.9	646.8	646.7	646.5	646.4	646.4	646.4	646.4	646.4	646.4	646.3
147.5°	664.5	664.4	664.3	664.1	664.0	663.9	663.8	663.7	663.6	663.5	663.5
150°	681.6	681.3	681.0	680.8	680.5	680.3	680.0	679.8	679.5	679.4	679.5
152.5°	696.3	696.0	695.8	695.5	695.3	695.1	694.8	694.6	694.3	694.2	694.5
155°	709.9	709.5	709.2	708.8	708.4	708.1	707.9	707.6	707.3	707.2	707.6
157.5°	721.3	720.9	720.5	720.1	719.7	719.7	719.7	719.7	719.7	719.7	719.9
160°	732.0	731.5	731.0	730.5	730.0	729.9	729.7	729.6	729.5	729.4	729.8
162.5°	742.1	741.4	740.6	739.9	739.1	739.0	738.8	738.7	738.6	738.5	738.9
165°	750.0	749.3	748.5	747.8	747.0	746.9	746.8	746.7	746.6	746.5	746.9
167.5°	756.9	756.0	755.1	754.2	753.3	753.2	753.0	752.9	752.8	752.7	753.1
170°	761.9	760.9	759.8	758.8	757.8	757.7	757.6	757.5	757.4	757.3	757.7
172.5°	765.4	764.5	763.6	762.7	761.8	761.6	761.3	761.1	760.8	760.7	761.1
175°	768.1	767.1	766.1	765.1	764.1	764.0	763.8	763.7	763.6	763.5	763.9
177.5°	769.4	768.5	767.6	766.7	765.8	765.7	765.5	765.4	765.3	765.2	765.6
180°	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9	766.9

TEST NUMBER: P1027287

CATALOG NUMBER: S125RDIP-B850D610UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1264.5	1264.5	1264.5	1264.5
2.5°	1235.4	1244.8	1254.1	1265.5
5°	1210.5	1227.1	1244.8	1261.4
7.5°	1183.5	1207.4	1230.2	1254.1
10°	1153.4	1183.5	1209.5	1242.7
12.5°	1120.2	1152.4	1188.7	1226.1
15°	1087.0	1127.4	1165.9	1208.4
17.5°	1055.8	1094.2	1136.8	1187.7
20°	1018.4	1061.0	1108.8	1162.7
22.5°	979.0	1025.7	1077.6	1135.7
25°	945.8	993.5	1043.3	1104.6
27.5°	909.4	959.3	1008.1	1073.5
30°	867.9	921.9	971.7	1039.2
32.5°	828.5	882.4	937.5	1000.8
35°	790.0	843.0	898.0	962.4
37.5°	753.7	801.5	855.4	913.6
40°	719.4	763.0	810.8	863.7
42.5°	675.8	726.7	771.4	809.8
45°	638.5	680.0	721.5	752.7
47.5°	594.9	636.4	671.7	696.6
50°	558.5	591.8	620.8	642.6
52.5°	514.9	546.1	569.9	586.6
55°	472.4	499.4	520.1	531.5
57.5°	434.0	451.6	467.2	477.6
60°	391.4	404.9	418.4	429.8
62.5°	345.7	360.2	367.5	380.0
65°	305.2	314.6	326.0	330.1
67.5°	265.8	271.0	278.2	286.5
70°	224.2	227.4	234.6	246.0
72.5°	187.9	191.0	196.2	200.4
75°	149.5	152.6	156.8	160.9
77.5°	117.3	118.4	120.4	124.6
80°	85.1	88.2	90.3	91.4
82.5°	59.2	60.2	60.2	61.3
85°	37.4	35.3	35.3	36.3
87.5°	13.5	15.6	15.6	17.6
90°	3.6	2.6	1.6	0.6
92.5°	7.4	8.5	9.7	10.8
95°	31.3	31.6	32.0	32.4
97.5°	63.1	62.3	61.6	60.8
100°	96.0	95.7	95.3	94.9
102.5°	131.1	130.6	130.1	129.6
105°	168.6	168.1	167.6	167.1
107.5°	205.8	205.8	205.8	205.8
110°	243.3	243.3	243.3	243.3

TEST NUMBER: P1027287

CATALOG NUMBER: S125RDIP-B850D610UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	279.7	279.4	279.0	278.6
115°	315.7	315.1	314.4	313.8
117.5°	350.8	350.8	350.8	350.8
120°	384.5	384.6	384.8	384.9
122.5°	416.9	416.3	415.6	415.0
125°	449.0	448.1	447.2	446.3
127.5°	478.3	477.7	477.0	476.4
130°	505.6	505.0	504.3	503.7
132.5°	533.3	532.5	531.8	531.0
135°	558.9	558.1	557.4	556.6
137.5°	582.8	582.0	581.3	580.5
140°	604.5	604.3	604.0	603.8
142.5°	625.2	625.1	624.9	624.8
145°	646.0	645.8	645.5	645.3
147.5°	663.5	663.5	663.5	663.5
150°	679.8	680.0	680.3	680.5
152.5°	695.1	695.8	696.4	697.0
155°	708.4	709.1	709.9	710.7
157.5°	720.3	720.7	721.1	721.5
160°	730.5	731.3	732.0	732.8
162.5°	739.6	740.4	741.1	741.9
165°	747.6	748.4	749.1	749.9
167.5°	753.8	754.6	755.3	756.1
170°	758.6	759.5	760.3	761.2
172.5°	762.0	762.9	763.8	764.7
175°	764.6	765.4	766.1	766.9
177.5°	766.3	767.1	767.8	768.6
180°	766.9	766.9	766.9	766.9

(END OF REPORT)