

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: P1027274

Luminaire Tested: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027274
REPORT IS A COMBINATION OF REPORTS P1005805 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_2700K
Description: Define 5 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

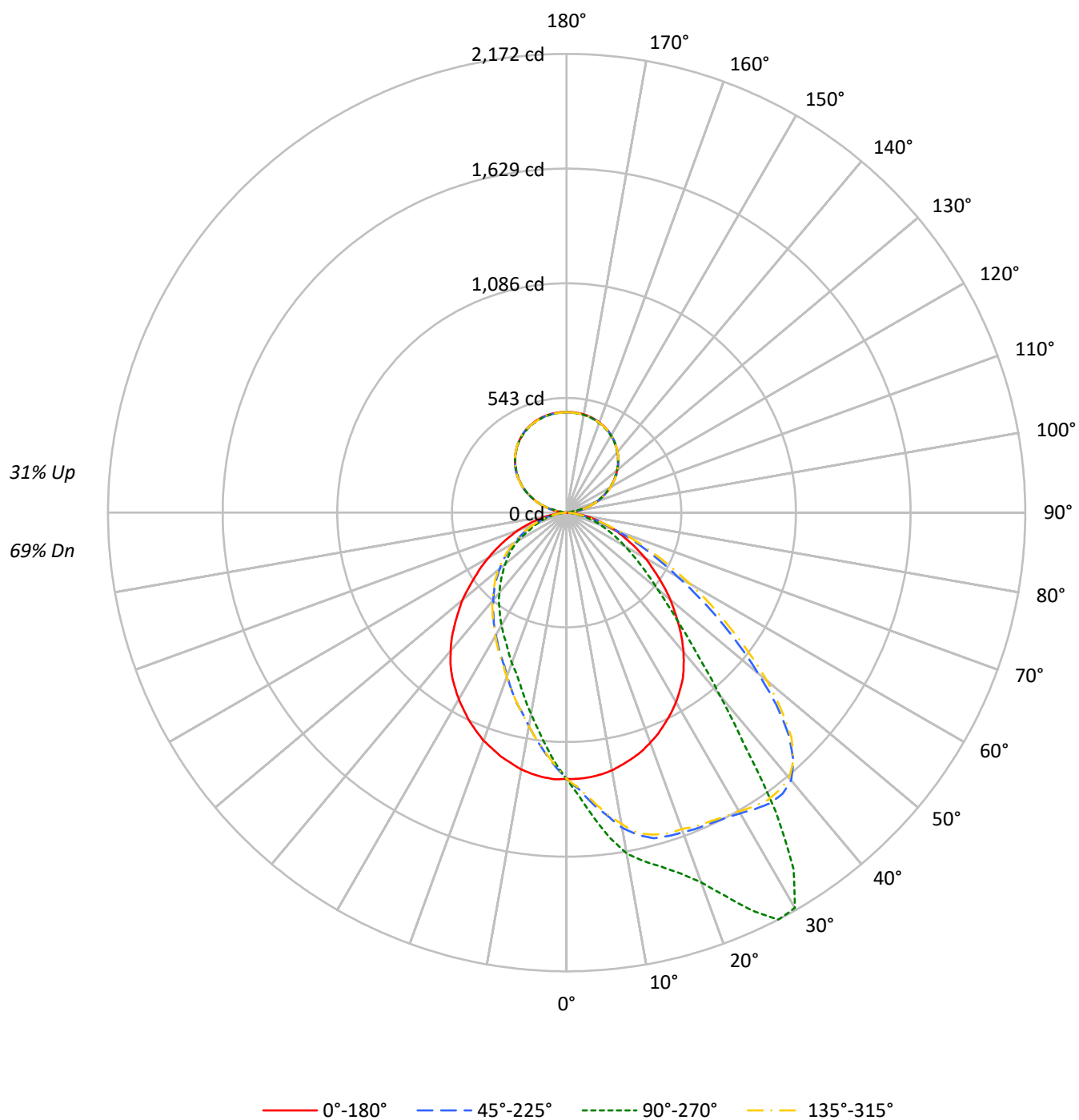
Lumens per Lamp: N/A
Luminaire Lumens: 4728.0 lumens
Efficiency: N/A
Efficacy: 104.6 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 45.2
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: 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	112	112	112	112	105	105	105	105	94	94	94	83	83	83	74	74	74			69
1	103	98	95	91	97	93	90	87	83	81	79	74	73	71	66	65	63			59
2	94	87	81	76	89	82	77	72	74	70	66	66	63	60	59	56	54			51
3	86	77	69	64	81	73	66	61	66	60	56	59	55	51	53	49	47			44
4	79	68	60	54	74	65	58	52	59	53	48	53	48	44	47	44	41			38
5	73	61	53	47	69	58	51	45	53	47	42	48	43	39	43	39	36			33
6	67	55	47	41	63	52	45	40	48	42	37	43	38	34	39	35	32			29
7	62	50	42	36	59	48	40	35	43	37	33	39	34	30	36	31	28			26
8	58	45	38	32	55	43	36	31	40	34	29	36	31	27	33	29	25			23
9	54	42	34	29	51	40	33	28	36	30	26	33	28	25	30	26	23			21
10	51	38	31	26	48	37	30	25	34	28	24	31	26	22	28	24	21			19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8077	8077	8077	8077
5°	8070	9103	8070	6997
10°	8025	10230	7998	6049
15°	7938	10823	7883	5266
20°	7832	11683	7762	4760
25°	7695	13224	7609	4320
30°	7556	14056	7443	4005
35°	7375	11560	7272	3712
40°	7054	7850	6995	3449
45°	6634	5643	6624	3189
50°	6202	4340	6232	2949
55°	5715	3529	5704	2718
60°	5263	2892	5237	2413
65°	4735	2410	4766	1942
70°	4300	1934	4282	1617
75°	3632	1465	3632	1329
80°	2944	893	2908	893
85°	2070	470	2013	531

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 11497 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	120.9	2.6
10°-20°	354.4	7.5
20°-30°	561.9	11.9
30°-40°	679.0	14.4
40°-50°	604.6	12.8
50°-60°	463.6	9.8
60°-70°	301.1	6.4
70°-80°	146.1	3.1
80°-90°	35.1	0.7
90°-100°	16.1	0.3
100°-110°	107.4	2.3
110°-120°	193.3	4.1
120°-130°	248.2	5.2
130°-140°	266.9	5.6
140°-150°	250.5	5.3
150°-160°	202.6	4.3
160°-170°	131.0	2.8
170°-180°	45.2	1.0
0°-30°	1037.2	21.9
0°-40°	1716.3	36.3
0°-60°	2784.4	58.9
0°-90°	3266.7	69.1
90°-120°	316.8	6.7
90°-150°	1082.4	22.9
90°-180°	1461.0	30.9
0°-180°	4728.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1261	1261	1261	1261	1261	
5°	1258	1445	1258	1110	1258	119
15°	1205	1736	1196	845	1205	340
25°	1101	2078	1089	679	1101	508
35°	959	1724	946	554	959	597
45°	750	771	749	436	750	579
55°	530	423	529	326	530	475
65°	329	240	331	194	329	329
75°	160	112	160	101	160	172
85°	36	24	35	27	36	41
90°	0	8	0	8	0	3
95°	20	7	20	7	20	25
105°	104	105	104	105	104	110
115°	195	193	195	193	195	193
125°	277	277	277	277	277	247
135°	345	344	345	344	345	266
145°	400	399	400	399	400	250
155°	441	438	441	438	441	203
165°	465	463	465	463	465	131
175°	476	474	476	474	476	45
180°	476	476	476	476	476	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6
2.5°	1261.7	1272.0	1275.1	1283.4	1292.7	1294.8	1299.9	1307.2	1311.3	1310.3	1310.3
5°	1257.5	1275.1	1287.5	1302.0	1319.6	1326.9	1333.1	1348.6	1361.0	1368.3	1380.7
7.5°	1250.3	1276.1	1296.8	1318.6	1345.5	1357.9	1371.4	1393.1	1415.9	1430.4	1443.8
10°	1238.9	1272.0	1301.0	1333.1	1369.3	1387.9	1404.5	1437.6	1465.5	1484.2	1515.2
12.5°	1222.3	1263.7	1304.1	1346.5	1392.1	1411.7	1434.5	1470.7	1510.0	1537.0	1562.8
15°	1204.7	1254.4	1297.9	1348.6	1403.4	1433.5	1462.4	1500.7	1535.9	1565.9	1596.0
17.5°	1184.0	1236.8	1290.6	1348.6	1410.7	1440.7	1465.5	1511.1	1548.3	1578.4	1605.3
20°	1159.2	1218.2	1279.2	1343.4	1406.6	1434.5	1458.3	1508.0	1541.1	1573.2	1611.5
22.5°	1132.3	1196.4	1261.7	1324.8	1386.9	1416.9	1444.8	1488.3	1524.5	1568.0	1617.7
25°	1101.2	1171.6	1237.8	1301.0	1360.0	1387.9	1412.8	1460.4	1511.1	1565.9	1621.8
27.5°	1070.2	1138.5	1202.7	1260.6	1324.8	1350.7	1375.5	1435.5	1495.6	1553.5	1630.1
30°	1036.0	1105.4	1161.3	1215.1	1277.2	1304.1	1335.1	1403.4	1471.8	1550.4	1643.6
32.5°	997.7	1060.9	1112.6	1168.5	1224.4	1257.5	1296.8	1371.4	1450.0	1544.2	1663.2
35°	959.4	1010.1	1057.8	1110.5	1177.8	1213.0	1251.3	1330.0	1428.3	1541.1	1679.8
37.5°	910.8	959.4	996.7	1050.5	1119.9	1161.3	1199.6	1290.6	1402.4	1533.9	1678.8
40°	861.1	902.5	937.7	993.6	1069.1	1107.4	1148.8	1248.2	1375.5	1513.2	1653.9
42.5°	807.3	842.5	880.8	934.6	1008.1	1045.3	1092.9	1208.9	1338.2	1484.2	1589.7
45°	750.4	784.5	816.6	872.5	946.0	986.3	1038.1	1157.1	1292.7	1423.1	1486.2
47.5°	694.5	724.5	758.6	807.3	881.8	926.3	979.1	1106.4	1231.6	1341.3	1346.5
50°	640.7	664.5	693.4	743.1	820.7	863.2	918.0	1037.1	1159.2	1234.7	1184.0
52.5°	584.8	606.5	636.5	680.0	752.4	802.1	849.7	968.8	1071.2	1121.9	1028.8
55°	529.9	548.5	579.6	628.2	691.4	729.7	778.3	889.1	979.1	980.1	878.7
57.5°	476.1	492.7	518.5	562.0	621.0	665.5	710.0	806.3	867.3	849.7	736.9
60°	428.5	438.8	462.6	505.1	559.9	592.0	639.6	720.4	760.7	728.6	607.5
62.5°	378.8	389.2	407.8	441.9	493.7	527.8	557.9	624.1	652.0	603.4	504.0
65°	329.1	341.5	355.0	381.9	430.6	453.3	480.2	528.9	555.8	498.9	413.0
67.5°	285.7	291.9	305.3	333.3	367.4	388.1	406.8	439.9	445.0	399.5	329.1
70°	245.3	247.4	259.8	276.3	302.2	314.6	330.2	349.8	349.8	312.6	256.7
72.5°	199.8	202.9	212.2	229.8	245.3	251.5	256.7	269.1	267.0	232.9	194.6
75°	160.4	162.5	169.7	178.0	184.2	195.6	199.8	197.7	196.6	167.7	145.9
77.5°	124.2	125.2	130.4	137.7	138.7	142.8	139.7	139.7	130.4	113.8	102.5
80°	91.1	92.1	94.2	96.3	96.3	96.3	96.3	91.1	84.9	74.5	71.4
82.5°	61.1	61.1	62.1	64.2	63.1	61.1	59.0	53.8	49.7	46.6	44.5
85°	36.2	36.2	37.3	36.2	32.1	31.0	29.0	27.9	26.9	25.9	25.9
87.5°	17.6	16.6	14.5	12.4	12.4	12.4	12.4	12.4	12.4	11.4	11.4
90°	0.4	1.0	1.6	2.3	2.9	3.2	3.5	4.0	4.5	5.1	5.6
92.5°	6.7	6.0	5.3	4.6	3.9	3.5	3.7	4.2	4.7	5.1	5.6
95°	20.1	19.9	19.6	19.4	19.1	19.0	17.5	14.5	11.6	8.6	5.6
97.5°	37.7	38.2	38.6	39.1	39.6	39.8	36.1	28.6	21.2	13.7	6.3
100°	58.9	59.1	59.3	59.6	59.8	59.9	60.1	60.4	60.7	61.1	61.4
102.5°	80.4	80.7	81.0	81.3	81.6	81.8	81.9	82.0	82.2	82.3	82.5
105°	103.7	104.0	104.3	104.6	104.9	105.1	105.1	105.1	105.1	105.1	105.1
107.5°	127.7	127.7	127.7	127.7	127.7	127.7	127.8	127.9	128.1	128.2	128.4
110°	150.9	150.9	150.9	150.9	150.9	150.9	151.0	151.1	151.3	151.4	151.6

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	172.8	173.0	173.3	173.5	173.8	173.9	173.9	174.0	174.1	174.1	174.2
115°	194.7	195.1	195.5	195.8	196.2	196.4	196.4	196.5	196.6	196.7	196.8
117.5°	217.6	217.6	217.6	217.6	217.6	217.6	217.8	218.1	218.4	218.7	219.0
120°	238.7	238.6	238.6	238.5	238.4	238.4	238.5	238.7	239.0	239.2	239.4
122.5°	257.4	257.8	258.2	258.6	259.0	259.2	259.2	259.3	259.4	259.4	259.5
125°	276.8	277.4	277.9	278.5	279.0	279.3	279.3	279.3	279.3	279.3	279.3
127.5°	295.5	295.9	296.3	296.7	297.1	297.3	297.3	297.2	297.1	297.0	296.9
130°	312.4	312.8	313.2	313.6	314.0	314.2	314.2	314.3	314.4	314.5	314.6
132.5°	329.4	329.9	330.3	330.8	331.3	331.5	331.4	331.1	330.9	330.6	330.4
135°	345.2	345.7	346.2	346.7	347.2	347.4	347.3	347.1	347.0	346.8	346.6
137.5°	360.0	360.5	361.0	361.5	362.0	362.2	362.1	362.0	361.8	361.7	361.5
140°	374.5	374.7	374.8	375.0	375.1	375.2	375.2	375.1	375.0	375.0	374.9
142.5°	387.6	387.7	387.7	387.8	387.9	387.9	388.0	388.1	388.3	388.4	388.6
145°	400.2	400.4	400.6	400.7	400.9	401.0	401.0	401.0	401.0	401.0	401.0
147.5°	411.5	411.5	411.5	411.5	411.5	411.5	411.5	411.6	411.7	411.8	411.9
150°	422.1	421.9	421.8	421.6	421.5	421.4	421.5	421.6	421.8	421.9	422.1
152.5°	432.3	431.9	431.5	431.2	430.8	430.6	430.7	430.8	431.0	431.1	431.3
155°	440.8	440.3	439.9	439.4	438.9	438.7	438.8	438.9	439.1	439.2	439.4
157.5°	447.5	447.3	447.0	446.8	446.5	446.4	446.4	446.4	446.4	446.4	446.4
160°	454.6	454.1	453.6	453.1	452.6	452.4	452.4	452.5	452.6	452.7	452.8
162.5°	460.2	459.7	459.3	458.8	458.3	458.1	458.1	458.2	458.3	458.3	458.4
165°	465.1	464.6	464.2	463.7	463.2	463.0	463.0	463.1	463.2	463.3	463.4
167.5°	469.0	468.5	468.1	467.6	467.1	466.9	466.9	467.0	467.1	467.2	467.3
170°	472.2	471.6	471.1	470.5	470.0	469.7	469.7	469.8	469.9	470.0	470.1
172.5°	474.3	473.7	473.2	472.6	472.1	471.8	471.9	472.0	472.2	472.3	472.5
175°	475.7	475.2	474.8	474.3	473.8	473.6	473.6	473.7	473.8	473.9	474.0
177.5°	476.8	476.3	475.9	475.4	474.9	474.7	474.7	474.8	474.9	474.9	475.0
180°	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6
2.5°	1315.5	1322.7	1328.9	1325.8	1338.2	1337.2	1339.3	1343.4	1344.5	1342.4	1338.2
5°	1386.9	1397.2	1414.8	1424.1	1422.1	1430.4	1434.5	1440.7	1446.9	1444.8	1444.8
7.5°	1466.6	1481.1	1498.7	1522.5	1525.6	1532.8	1545.2	1545.2	1552.5	1549.4	1548.3
10°	1535.9	1553.5	1581.5	1600.1	1608.4	1612.5	1624.9	1629.1	1637.4	1638.4	1638.4
12.5°	1592.8	1623.9	1642.5	1661.2	1665.3	1671.5	1680.8	1687.0	1690.1	1690.1	1687.0
15°	1622.9	1647.7	1669.4	1689.1	1700.5	1705.7	1715.0	1722.2	1726.4	1735.7	1737.7
17.5°	1635.3	1665.3	1700.5	1728.4	1748.1	1753.3	1771.9	1778.1	1786.4	1790.5	1795.7
20°	1652.9	1696.3	1738.8	1772.9	1791.6	1805.0	1824.7	1853.7	1861.9	1861.9	1858.8
22.5°	1668.4	1724.3	1782.3	1837.1	1852.6	1879.5	1915.8	1946.8	1959.2	1964.4	1960.3
25°	1687.0	1763.6	1839.2	1907.5	1949.9	1969.6	2018.2	2055.5	2070.0	2078.3	2080.3
27.5°	1719.1	1815.4	1911.6	1998.6	2042.0	2064.8	2115.5	2147.6	2165.2	2172.4	2167.3
30°	1755.3	1873.3	1985.1	2062.7	2091.7	2119.7	2152.8	2165.2	2161.1	2161.1	2176.6
32.5°	1792.6	1914.7	2014.1	2064.8	2075.2	2071.0	2057.6	2020.3	1998.6	1998.6	2012.0
35°	1813.3	1918.9	1969.6	1953.0	1912.7	1888.9	1815.4	1774.0	1727.4	1724.3	1739.8
37.5°	1801.9	1847.5	1826.8	1718.1	1663.2	1617.7	1502.8	1457.3	1423.1	1375.5	1449.0
40°	1722.2	1706.7	1599.1	1442.8	1381.7	1317.5	1226.5	1180.9	1133.3	1126.1	1143.7
42.5°	1587.7	1495.6	1338.2	1187.1	1125.0	1079.5	1010.1	965.6	935.6	923.2	943.9
45°	1420.0	1275.1	1117.8	997.7	929.4	905.6	842.5	803.2	780.4	771.1	785.6
47.5°	1215.1	1069.1	920.1	818.7	778.3	754.5	712.1	677.9	658.3	652.0	658.3
50°	1031.9	881.8	756.6	691.4	655.1	635.5	600.3	578.6	563.0	558.9	569.2
52.5°	873.5	736.9	641.7	583.7	559.9	543.4	518.5	499.9	490.6	486.4	493.7
55°	731.7	621.0	544.4	494.7	477.1	466.8	445.0	434.7	424.3	423.3	430.6
57.5°	606.5	529.9	459.5	424.3	419.2	403.6	385.0	375.7	370.5	369.5	372.6
60°	505.1	436.8	394.3	363.3	356.0	343.6	333.3	327.1	320.8	318.8	320.8
62.5°	420.2	366.4	332.2	311.5	301.2	298.1	286.7	279.4	278.4	278.4	280.5
65°	346.7	301.2	279.4	262.9	255.6	252.5	244.3	239.1	240.1	240.1	241.2
67.5°	282.6	249.4	229.8	221.5	215.3	214.2	206.0	203.9	201.8	201.8	203.9
70°	224.6	203.9	189.4	185.3	184.2	177.0	173.9	172.8	169.7	170.8	170.8
72.5°	175.9	162.5	154.2	148.0	149.0	144.9	140.8	140.8	138.7	141.8	141.8
75°	130.4	124.2	118.0	115.9	118.0	115.9	112.8	111.8	112.8	111.8	111.8
77.5°	96.3	93.1	91.1	90.0	90.0	85.9	83.8	85.9	81.8	83.8	83.8
80°	67.3	63.1	62.1	60.0	61.1	58.0	59.0	56.9	56.9	56.9	56.9
82.5°	42.4	41.4	41.4	41.4	40.4	40.4	40.4	40.4	40.4	40.4	39.3
85°	25.9	24.8	24.8	24.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
87.5°	10.3	11.4	11.4	12.4	11.4	10.3	10.3	10.3	11.4	11.4	10.3
90°	6.0	6.4	6.8	7.2	7.4	7.5	7.8	8.0	8.3	8.5	8.3
92.5°	6.0	6.4	6.8	7.2	7.4	7.4	7.5	7.6	7.7	7.8	7.7
95°	6.0	6.4	6.8	7.2	7.4	7.4	7.4	7.4	7.4	7.4	7.4
97.5°	6.5	6.7	6.8	7.0	7.1	7.1	7.2	7.3	7.3	7.4	7.3
100°	49.7	38.0	26.3	14.6	8.8	8.6	8.3	8.0	7.7	7.4	7.7
102.5°	82.7	82.8	83.0	83.1	83.2	79.9	73.3	66.8	60.2	53.6	60.2
105°	105.1	105.1	105.1	105.1	105.1	105.1	105.0	104.9	104.8	104.7	104.8
107.5°	128.5	128.5	128.6	128.7	128.7	128.5	128.2	127.9	127.6	127.3	127.6
110°	151.4	151.2	150.9	150.7	150.6	150.6	150.7	150.8	150.8	150.9	150.8

TEST NUMBER: P1027274

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	173.9	173.6	173.3	173.0	172.8	172.7	172.6	172.4	172.3	172.1	172.3
115°	196.5	196.2	195.9	195.6	195.4	195.2	194.7	194.2	193.7	193.2	193.7
117.5°	218.5	218.1	217.6	217.1	216.9	216.8	216.7	216.5	216.4	216.2	216.4
120°	239.2	239.1	238.9	238.8	238.7	238.5	238.1	237.8	237.4	237.0	237.4
122.5°	259.3	259.2	259.0	258.9	258.8	258.6	258.1	257.6	257.2	256.7	257.2
125°	279.0	278.7	278.4	278.1	277.9	277.8	277.5	277.3	277.0	276.8	277.0
127.5°	296.7	296.6	296.4	296.3	296.2	295.9	295.3	294.6	294.0	293.4	294.0
130°	314.4	314.1	313.9	313.6	313.5	313.3	312.9	312.5	312.1	311.7	312.1
132.5°	330.4	330.4	330.4	330.4	330.4	330.2	329.8	329.5	329.1	328.7	329.1
135°	346.4	346.3	346.1	346.0	345.9	345.7	345.2	344.7	344.3	343.8	344.3
137.5°	361.5	361.5	361.5	361.5	361.5	361.3	360.9	360.5	360.1	359.7	360.1
140°	375.1	375.2	375.4	375.5	375.6	375.4	374.9	374.4	373.9	373.4	373.9
142.5°	388.6	388.6	388.6	388.6	388.6	388.4	387.9	387.4	387.0	386.5	387.0
145°	401.1	401.1	401.2	401.3	401.3	401.1	400.6	400.1	399.7	399.2	399.7
147.5°	412.0	412.0	412.1	412.2	412.2	411.9	411.4	410.9	410.3	409.8	410.3
150°	422.3	422.4	422.6	422.7	422.8	422.5	421.9	421.2	420.6	420.0	420.6
152.5°	431.5	431.6	431.8	431.9	432.0	431.7	431.2	430.6	430.1	429.5	430.1
155°	439.6	439.9	440.1	440.4	440.5	440.2	439.5	438.9	438.2	437.6	438.2
157.5°	446.6	446.9	447.1	447.4	447.5	447.2	446.6	445.9	445.3	444.7	445.3
160°	453.1	453.4	453.7	454.0	454.2	453.9	453.3	452.6	452.0	451.4	452.0
162.5°	458.9	459.4	459.9	460.4	460.6	460.2	459.5	458.8	458.1	457.4	458.1
165°	463.9	464.3	464.8	465.3	465.5	465.2	464.6	463.9	463.3	462.7	463.3
167.5°	467.8	468.4	468.9	469.4	469.7	469.3	468.6	467.9	467.2	466.5	467.2
170°	470.7	471.3	472.0	472.6	472.9	472.5	471.8	471.1	470.4	469.7	470.4
172.5°	473.1	473.6	474.2	474.7	475.0	474.6	473.9	473.2	472.5	471.8	472.5
175°	474.6	475.2	475.9	476.5	476.8	476.4	475.7	475.0	474.3	473.6	474.3
177.5°	475.6	476.1	476.7	477.2	477.5	477.2	476.6	475.9	475.3	474.7	475.3
180°	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7

TEST NUMBER: P1027274

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6
2.5°	1343.4	1336.2	1339.3	1336.2	1333.1	1330.0	1322.7	1312.4	1304.1	1297.9	1296.8
5°	1446.9	1437.6	1431.4	1428.3	1422.1	1413.8	1400.3	1384.8	1366.2	1358.9	1344.5
7.5°	1542.1	1539.0	1524.5	1522.5	1518.3	1502.8	1480.0	1459.3	1435.5	1415.9	1397.2
10°	1632.2	1624.9	1614.6	1600.1	1598.0	1578.4	1556.6	1527.6	1496.6	1478.0	1444.8
12.5°	1688.1	1679.8	1668.4	1659.1	1653.9	1641.5	1611.5	1582.5	1554.6	1520.4	1491.4
15°	1728.4	1718.1	1697.4	1690.1	1683.9	1667.4	1645.6	1615.6	1578.4	1554.6	1513.2
17.5°	1783.3	1770.9	1750.2	1736.7	1725.3	1699.5	1668.4	1628.0	1592.8	1565.9	1528.7
20°	1846.4	1827.8	1800.9	1783.3	1766.7	1736.7	1693.2	1645.6	1594.9	1561.8	1523.5
22.5°	1951.0	1915.8	1873.3	1848.5	1825.7	1774.0	1722.2	1663.2	1606.3	1556.6	1510.0
25°	2052.4	2017.2	1964.4	1930.3	1895.1	1835.0	1766.7	1685.0	1612.5	1554.6	1493.5
27.5°	2146.6	2110.3	2061.7	2020.3	1986.1	1896.1	1806.1	1713.9	1621.8	1542.1	1480.0
30°	2168.3	2152.8	2115.5	2079.3	2048.2	1965.4	1860.9	1744.0	1633.2	1530.7	1461.4
32.5°	2036.9	2075.2	2084.5	2079.3	2059.6	2000.6	1904.4	1781.2	1649.8	1525.6	1430.4
35°	1763.6	1833.0	1904.4	1942.7	1961.3	1969.6	1912.7	1799.8	1661.2	1517.3	1409.7
37.5°	1462.4	1529.7	1642.5	1699.5	1762.6	1845.4	1868.2	1795.7	1656.0	1511.1	1376.5
40°	1201.6	1287.5	1380.7	1432.4	1487.3	1636.3	1749.1	1740.9	1639.4	1488.3	1350.7
42.5°	978.1	1031.9	1113.6	1170.6	1237.8	1404.5	1555.6	1630.1	1589.7	1460.4	1317.5
45°	815.6	857.0	914.9	972.9	1014.3	1165.4	1344.5	1466.6	1504.9	1410.7	1266.8
47.5°	687.2	718.3	769.0	805.2	849.7	968.8	1124.0	1295.8	1376.5	1340.3	1213.0
50°	588.9	613.7	654.1	676.9	716.2	818.7	936.7	1116.8	1238.9	1243.0	1141.6
52.5°	503.0	527.8	562.0	581.7	605.5	674.8	793.8	946.0	1086.7	1138.5	1059.8
55°	437.8	452.3	480.2	495.8	517.5	584.8	660.3	789.7	936.7	1021.5	971.9
57.5°	377.8	393.3	410.9	423.3	438.8	492.7	561.0	658.3	804.2	896.3	879.7
60°	329.1	338.4	355.0	364.3	378.8	414.0	461.6	558.9	674.8	761.8	771.1
62.5°	283.6	291.9	303.3	311.5	320.8	348.8	384.0	453.3	554.8	648.9	661.4
65°	244.3	251.5	257.7	265.0	272.2	289.8	319.8	373.6	452.3	540.3	567.2
67.5°	209.1	211.1	220.5	221.5	225.6	239.1	260.8	304.3	361.2	431.6	466.8
70°	174.9	179.1	181.1	184.2	188.4	197.7	215.3	238.0	280.5	337.4	370.5
72.5°	141.8	142.8	145.9	148.0	152.1	159.4	167.7	185.3	212.2	253.6	283.6
75°	112.8	113.8	115.9	117.0	120.1	122.1	126.3	138.7	157.3	182.2	203.9
77.5°	84.9	86.9	89.0	89.0	90.0	92.1	94.2	98.3	107.6	124.2	142.8
80°	58.0	59.0	59.0	60.0	59.0	62.1	65.2	70.4	74.5	79.7	89.0
82.5°	40.4	40.4	40.4	41.4	41.4	42.4	42.4	43.5	44.5	47.6	51.7
85°	24.8	24.8	25.9	23.8	24.8	25.9	25.9	24.8	25.9	26.9	27.9
87.5°	10.3	10.3	11.4	11.4	11.4	11.4	10.3	11.4	10.3	11.4	11.4
90°	8.0	7.8	7.5	7.4	7.2	6.8	6.4	6.0	5.6	5.1	4.5
92.5°	7.6	7.5	7.4	7.4	7.2	6.8	6.4	6.0	5.6	5.1	4.7
95°	7.4	7.4	7.4	7.4	7.2	6.8	6.4	6.0	5.6	8.6	11.6
97.5°	7.3	7.2	7.1	7.1	7.0	6.8	6.7	6.5	6.3	13.7	21.2
100°	8.0	8.3	8.6	8.8	14.6	26.3	38.0	49.7	61.4	61.1	60.7
102.5°	66.8	73.3	79.9	83.2	83.1	83.0	82.8	82.7	82.5	82.3	82.2
105°	104.9	105.0	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1
107.5°	127.9	128.2	128.5	128.7	128.7	128.6	128.5	128.5	128.4	128.2	128.1
110°	150.8	150.7	150.6	150.6	150.7	150.9	151.2	151.4	151.6	151.4	151.3

TEST NUMBER: P1027274

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	172.4	172.6	172.7	172.8	173.0	173.3	173.6	173.9	174.2	174.1	174.1
115°	194.2	194.7	195.2	195.4	195.6	195.9	196.2	196.5	196.8	196.7	196.6
117.5°	216.5	216.7	216.8	216.9	217.1	217.6	218.1	218.5	219.0	218.7	218.4
120°	237.8	238.1	238.5	238.7	238.8	238.9	239.1	239.2	239.4	239.2	239.0
122.5°	257.6	258.1	258.6	258.8	258.9	259.0	259.2	259.3	259.5	259.4	259.4
125°	277.3	277.5	277.8	277.9	278.1	278.4	278.7	279.0	279.3	279.3	279.3
127.5°	294.6	295.3	295.9	296.2	296.3	296.4	296.6	296.7	296.9	297.0	297.1
130°	312.5	312.9	313.3	313.5	313.6	313.9	314.1	314.4	314.6	314.5	314.4
132.5°	329.5	329.8	330.2	330.4	330.4	330.4	330.4	330.4	330.4	330.6	330.9
135°	344.7	345.2	345.7	345.9	346.0	346.1	346.3	346.4	346.6	346.8	347.0
137.5°	360.5	360.9	361.3	361.5	361.5	361.5	361.5	361.5	361.5	361.7	361.8
140°	374.4	374.9	375.4	375.6	375.5	375.4	375.2	375.1	374.9	375.0	375.0
142.5°	387.4	387.9	388.4	388.6	388.6	388.6	388.6	388.6	388.6	388.4	388.3
145°	400.1	400.6	401.1	401.3	401.3	401.2	401.1	401.1	401.0	401.0	401.0
147.5°	410.9	411.4	411.9	412.2	412.2	412.1	412.0	412.0	411.9	411.8	411.7
150°	421.2	421.9	422.5	422.8	422.7	422.6	422.4	422.3	422.1	421.9	421.8
152.5°	430.6	431.2	431.7	432.0	431.9	431.8	431.6	431.5	431.3	431.1	431.0
155°	438.9	439.5	440.2	440.5	440.4	440.1	439.9	439.6	439.4	439.2	439.1
157.5°	445.9	446.6	447.2	447.5	447.4	447.1	446.9	446.6	446.4	446.4	446.4
160°	452.6	453.3	453.9	454.2	454.0	453.7	453.4	453.1	452.8	452.7	452.6
162.5°	458.8	459.5	460.2	460.6	460.4	459.9	459.4	458.9	458.4	458.3	458.3
165°	463.9	464.6	465.2	465.5	465.3	464.8	464.3	463.9	463.4	463.3	463.2
167.5°	467.9	468.6	469.3	469.7	469.4	468.9	468.4	467.8	467.3	467.2	467.1
170°	471.1	471.8	472.5	472.9	472.6	472.0	471.3	470.7	470.1	470.0	469.9
172.5°	473.2	473.9	474.6	475.0	474.7	474.2	473.6	473.1	472.5	472.3	472.2
175°	475.0	475.7	476.4	476.8	476.5	475.9	475.2	474.6	474.0	473.9	473.8
177.5°	475.9	476.6	477.2	477.5	477.2	476.7	476.1	475.6	475.0	474.9	474.9
180°	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7

TEST NUMBER: P1027274

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6
2.5°	1293.7	1287.5	1283.4	1282.4	1276.1	1271.0	1264.8	1263.7	1260.6	1252.3	1247.2
5°	1334.1	1319.6	1316.5	1307.2	1291.7	1280.3	1265.8	1257.5	1248.2	1232.7	1220.3
7.5°	1375.5	1355.8	1341.3	1327.9	1306.2	1285.5	1264.8	1248.2	1231.6	1208.9	1190.2
10°	1415.9	1385.9	1368.3	1348.6	1318.6	1287.5	1258.5	1234.7	1207.8	1180.9	1154.0
12.5°	1453.1	1414.8	1389.0	1361.0	1323.8	1285.5	1248.2	1215.1	1187.1	1150.9	1120.9
15°	1475.9	1433.5	1407.6	1380.7	1324.8	1282.4	1238.9	1196.4	1159.2	1120.9	1092.9
17.5°	1489.4	1441.7	1412.8	1387.9	1331.0	1273.0	1217.1	1171.6	1131.2	1085.7	1048.4
20°	1483.1	1436.6	1409.7	1385.9	1319.6	1261.7	1201.6	1148.8	1098.1	1051.5	1012.2
22.5°	1469.7	1421.0	1391.0	1369.3	1310.3	1242.0	1175.7	1118.8	1066.0	1019.5	975.0
25°	1440.7	1393.1	1367.2	1340.3	1282.4	1217.1	1149.9	1088.8	1032.9	983.2	933.6
27.5°	1414.8	1356.9	1330.0	1306.2	1245.1	1187.1	1120.9	1053.6	996.7	944.9	895.3
30°	1384.8	1319.6	1290.6	1258.5	1203.7	1148.8	1082.6	1020.5	961.5	906.7	859.0
32.5°	1352.7	1277.2	1244.1	1207.8	1151.9	1100.2	1044.3	983.2	924.2	870.4	820.7
35°	1311.3	1230.6	1192.3	1158.2	1100.2	1048.4	996.7	946.0	887.0	830.1	782.5
37.5°	1272.0	1183.0	1142.6	1103.3	1042.2	992.6	950.1	902.5	845.6	790.7	745.2
40°	1227.5	1125.0	1083.6	1047.4	984.3	929.4	891.1	853.9	804.2	751.4	701.7
42.5°	1187.1	1071.2	1027.7	990.5	924.2	872.5	836.3	805.2	761.8	713.1	662.4
45°	1131.2	1013.3	968.8	929.4	862.1	813.5	776.2	749.3	715.2	669.6	624.1
47.5°	1079.5	957.4	908.7	861.1	800.0	750.4	716.2	695.5	672.7	632.4	585.8
50°	1016.4	893.2	843.5	804.2	734.8	692.4	658.3	643.8	623.1	584.8	547.5
52.5°	948.1	831.1	784.5	736.9	672.7	631.3	601.3	584.8	568.2	540.3	505.1
55°	868.4	761.8	718.3	675.8	611.7	573.4	546.5	528.9	519.6	493.7	467.8
57.5°	791.8	691.4	651.0	611.7	555.8	512.3	494.7	479.2	465.7	447.1	425.4
60°	714.1	623.1	579.6	544.4	495.8	456.4	441.9	426.4	416.1	401.6	386.1
62.5°	625.1	547.5	514.4	481.3	439.9	408.8	392.3	379.8	366.4	357.1	343.6
65°	530.9	476.1	444.0	419.2	379.8	351.9	339.5	331.2	319.8	310.5	300.1
67.5°	443.0	399.5	386.1	359.1	329.1	304.3	295.0	284.6	275.3	270.1	260.8
70°	358.1	327.1	313.6	306.4	273.2	256.7	248.4	244.3	232.9	227.7	221.5
72.5°	277.4	266.0	256.7	247.4	225.6	215.3	206.0	201.8	193.5	189.4	187.3
75°	204.9	197.7	192.5	191.5	182.2	171.8	162.5	160.4	154.2	150.1	148.0
77.5°	143.9	141.8	140.8	141.8	135.6	129.4	127.3	125.2	118.0	117.0	117.0
80°	94.2	99.4	99.4	98.3	96.3	95.2	92.1	90.0	85.9	84.9	85.9
82.5°	58.0	61.1	62.1	64.2	63.1	62.1	60.0	59.0	60.0	58.0	59.0
85°	29.0	31.0	35.2	35.2	36.2	36.2	36.2	35.2	33.1	34.2	33.1
87.5°	11.4	12.4	12.4	12.4	11.4	14.5	15.5	15.5	15.5	13.5	13.5
90°	4.0	3.5	3.2	2.9	2.3	1.6	1.0	0.4	1.0	1.6	2.3
92.5°	4.2	3.7	3.5	3.9	4.6	5.3	6.0	6.7	6.0	5.3	4.6
95°	14.5	17.5	19.0	19.1	19.4	19.6	19.9	20.1	19.9	19.6	19.4
97.5°	28.6	36.1	39.8	39.6	39.1	38.6	38.2	37.7	38.2	38.6	39.1
100°	60.4	60.1	59.9	59.8	59.6	59.3	59.1	58.9	59.1	59.3	59.6
102.5°	82.0	81.9	81.8	81.6	81.3	81.0	80.7	80.4	80.7	81.0	81.3
105°	105.1	105.1	105.1	104.9	104.6	104.3	104.0	103.7	104.0	104.3	104.6
107.5°	127.9	127.8	127.7	127.7	127.7	127.7	127.7	127.7	127.7	127.7	127.7
110°	151.1	151.0	150.9	150.9	150.9	150.9	150.9	150.9	150.9	150.9	150.9

TEST NUMBER: P1027274

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	174.0	173.9	173.9	173.8	173.5	173.3	173.0	172.8	173.0	173.3	173.5
115°	196.5	196.4	196.4	196.2	195.8	195.5	195.1	194.7	195.1	195.5	195.8
117.5°	218.1	217.8	217.6	217.6	217.6	217.6	217.6	217.6	217.6	217.6	217.6
120°	238.7	238.5	238.4	238.4	238.5	238.6	238.6	238.7	238.6	238.6	238.5
122.5°	259.3	259.2	259.2	259.0	258.6	258.2	257.8	257.4	257.8	258.2	258.6
125°	279.3	279.3	279.3	279.0	278.5	277.9	277.4	276.8	277.4	277.9	278.5
127.5°	297.2	297.3	297.3	297.1	296.7	296.3	295.9	295.5	295.9	296.3	296.7
130°	314.3	314.2	314.2	314.0	313.6	313.2	312.8	312.4	312.8	313.2	313.6
132.5°	331.1	331.4	331.5	331.3	330.8	330.3	329.9	329.4	329.9	330.3	330.8
135°	347.1	347.3	347.4	347.2	346.7	346.2	345.7	345.2	345.7	346.2	346.7
137.5°	362.0	362.1	362.2	362.0	361.5	361.0	360.5	360.0	360.5	361.0	361.5
140°	375.1	375.2	375.2	375.1	375.0	374.8	374.7	374.5	374.7	374.8	375.0
142.5°	388.1	388.0	387.9	387.9	387.8	387.7	387.7	387.6	387.7	387.7	387.8
145°	401.0	401.0	401.0	400.9	400.7	400.6	400.4	400.2	400.4	400.6	400.7
147.5°	411.6	411.5	411.5	411.5	411.5	411.5	411.5	411.5	411.5	411.5	411.5
150°	421.6	421.5	421.4	421.5	421.6	421.8	421.9	422.1	421.9	421.8	421.6
152.5°	430.8	430.7	430.6	430.8	431.2	431.5	431.9	432.3	431.9	431.5	431.2
155°	438.9	438.8	438.7	438.9	439.4	439.9	440.3	440.8	440.3	439.9	439.4
157.5°	446.4	446.4	446.4	446.5	446.8	447.0	447.3	447.5	447.3	447.0	446.8
160°	452.5	452.4	452.4	452.6	453.1	453.6	454.1	454.6	454.1	453.6	453.1
162.5°	458.2	458.1	458.1	458.3	458.8	459.3	459.7	460.2	459.7	459.3	458.8
165°	463.1	463.0	463.0	463.2	463.7	464.2	464.6	465.1	464.6	464.2	463.7
167.5°	467.0	466.9	466.9	467.1	467.6	468.1	468.5	469.0	468.5	468.1	467.6
170°	469.8	469.7	469.7	470.0	470.5	471.1	471.6	472.2	471.6	471.1	470.5
172.5°	472.0	471.9	471.8	472.1	472.6	473.2	473.7	474.3	473.7	473.2	472.6
175°	473.7	473.6	473.6	473.8	474.3	474.8	475.2	475.7	475.2	474.8	474.3
177.5°	474.8	474.7	474.7	474.9	475.4	475.9	476.3	476.8	476.3	475.9	475.4
180°	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7

TEST NUMBER: P1027274

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6
2.5°	1244.1	1239.9	1236.8	1233.7	1220.3	1205.8	1203.7	1200.6	1194.4	1201.6	1198.5
5°	1212.0	1202.7	1197.5	1184.0	1167.5	1155.0	1144.7	1132.3	1127.1	1123.0	1121.9
7.5°	1172.6	1164.4	1155.0	1141.6	1120.9	1100.2	1084.7	1072.2	1061.9	1056.7	1056.7
10°	1134.3	1124.0	1111.6	1088.8	1069.1	1043.3	1026.7	1014.3	999.8	991.5	984.3
12.5°	1095.0	1083.6	1072.2	1043.3	1020.5	993.6	969.8	954.3	947.0	937.7	925.3
15°	1055.7	1038.1	1026.7	997.7	968.8	941.8	926.3	909.8	893.2	883.9	879.7
17.5°	1014.3	1001.9	983.2	952.2	920.1	896.3	873.5	858.0	838.3	829.0	819.7
20°	977.0	958.4	939.8	908.7	877.7	845.6	822.8	804.2	791.8	784.5	776.2
22.5°	932.5	914.9	899.4	866.3	832.1	802.1	777.3	765.9	753.5	742.1	733.8
25°	894.2	876.6	861.1	824.9	787.6	759.7	741.1	726.6	713.1	707.9	699.7
27.5°	853.9	837.3	816.6	780.4	747.3	723.5	703.8	690.3	680.0	669.6	663.4
30°	815.6	796.9	778.3	739.0	712.1	688.3	669.6	653.1	644.8	639.6	629.3
32.5°	778.3	754.5	739.0	702.8	676.9	654.1	638.6	624.1	613.7	604.4	596.2
35°	737.9	712.1	696.5	666.5	639.6	616.9	603.4	593.0	580.6	572.3	568.2
37.5°	699.7	677.9	662.4	631.3	604.4	585.8	571.3	557.9	552.7	541.3	539.2
40°	658.3	639.6	625.1	595.1	570.3	555.8	540.3	527.8	518.5	513.4	506.1
42.5°	621.0	605.5	589.9	562.0	538.2	520.6	509.2	497.8	489.6	481.3	476.1
45°	586.8	570.3	555.8	528.9	505.1	489.6	478.2	464.7	462.6	451.3	446.1
47.5°	550.6	536.1	523.7	495.8	474.0	458.5	445.0	435.7	426.4	422.3	415.0
50°	515.4	500.9	486.4	461.6	441.9	426.4	413.0	402.6	397.4	391.2	385.0
52.5°	477.1	465.7	454.4	428.5	408.8	395.4	384.0	370.5	365.4	360.2	356.0
55°	445.0	428.5	416.1	394.3	376.7	362.2	349.8	339.5	334.3	330.2	325.0
57.5°	401.6	391.2	380.9	361.2	344.7	330.2	317.7	309.5	303.3	300.1	301.2
60°	364.3	352.9	346.7	326.0	309.5	298.1	286.7	278.4	272.2	269.1	268.1
62.5°	325.0	316.7	305.3	290.8	274.3	263.9	255.6	249.4	239.1	238.0	234.9
65°	286.7	280.5	270.1	256.7	243.2	233.9	224.6	216.3	212.2	207.0	203.9
67.5°	249.4	243.2	233.9	222.5	213.2	203.9	195.6	187.3	180.1	175.9	173.9
70°	213.2	208.0	201.8	188.4	177.0	169.7	163.5	158.4	151.1	149.0	148.0
72.5°	178.0	172.8	169.7	158.4	148.0	141.8	135.6	130.4	127.3	126.3	123.2
75°	145.9	140.8	136.6	126.3	120.1	115.9	109.7	107.6	104.5	103.5	102.5
77.5°	113.8	108.7	107.6	100.4	93.1	91.1	89.0	84.9	84.9	84.9	82.8
80°	81.8	80.7	79.7	72.4	69.3	67.3	66.2	63.1	61.1	59.0	58.0
82.5°	54.9	53.8	52.8	49.7	46.6	45.5	44.5	42.4	42.4	43.5	41.4
85°	33.1	31.0	30.0	29.0	26.9	26.9	27.9	26.9	26.9	26.9	25.9
87.5°	12.4	12.4	12.4	12.4	13.5	11.4	12.4	12.4	11.4	11.4	10.3
90°	2.9	3.2	3.5	4.0	4.5	5.1	5.6	6.0	6.4	6.8	7.2
92.5°	3.9	3.5	3.7	4.2	4.7	5.1	5.6	6.0	6.4	6.8	7.2
95°	19.1	19.0	17.5	14.5	11.6	8.6	5.6	6.0	6.4	6.8	7.2
97.5°	39.6	39.8	36.1	28.6	21.2	13.7	6.3	6.5	6.7	6.8	7.0
100°	59.8	59.9	60.1	60.4	60.7	61.1	61.4	49.7	38.0	26.3	14.6
102.5°	81.6	81.8	81.9	82.0	82.2	82.3	82.5	82.7	82.8	83.0	83.1
105°	104.9	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1
107.5°	127.7	127.7	127.8	127.9	128.1	128.2	128.4	128.5	128.5	128.6	128.7
110°	150.9	150.9	151.0	151.1	151.3	151.4	151.6	151.4	151.2	150.9	150.7

TEST NUMBER: P1027274

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	173.8	173.9	173.9	174.0	174.1	174.1	174.2	173.9	173.6	173.3	173.0
115°	196.2	196.4	196.4	196.5	196.6	196.7	196.8	196.5	196.2	195.9	195.6
117.5°	217.6	217.6	217.8	218.1	218.4	218.7	219.0	218.5	218.1	217.6	217.1
120°	238.4	238.4	238.5	238.7	239.0	239.2	239.4	239.2	239.1	238.9	238.8
122.5°	259.0	259.2	259.2	259.3	259.4	259.4	259.5	259.3	259.2	259.0	258.9
125°	279.0	279.3	279.3	279.3	279.3	279.3	279.3	279.0	278.7	278.4	278.1
127.5°	297.1	297.3	297.3	297.2	297.1	297.0	296.9	296.7	296.6	296.4	296.3
130°	314.0	314.2	314.2	314.3	314.4	314.5	314.6	314.4	314.1	313.9	313.6
132.5°	331.3	331.5	331.4	331.1	330.9	330.6	330.4	330.4	330.4	330.4	330.4
135°	347.2	347.4	347.3	347.1	347.0	346.8	346.6	346.4	346.3	346.1	346.0
137.5°	362.0	362.2	362.1	362.0	361.8	361.7	361.5	361.5	361.5	361.5	361.5
140°	375.1	375.2	375.2	375.1	375.0	375.0	374.9	375.1	375.2	375.4	375.5
142.5°	387.9	387.9	388.0	388.1	388.3	388.4	388.6	388.6	388.6	388.6	388.6
145°	400.9	401.0	401.0	401.0	401.0	401.0	401.0	401.1	401.1	401.2	401.3
147.5°	411.5	411.5	411.5	411.6	411.7	411.8	411.9	412.0	412.0	412.1	412.2
150°	421.5	421.4	421.5	421.6	421.8	421.9	422.1	422.3	422.4	422.6	422.7
152.5°	430.8	430.6	430.7	430.8	431.0	431.1	431.3	431.5	431.6	431.8	431.9
155°	438.9	438.7	438.8	438.9	439.1	439.2	439.4	439.6	439.9	440.1	440.4
157.5°	446.5	446.4	446.4	446.4	446.4	446.4	446.4	446.6	446.9	447.1	447.4
160°	452.6	452.4	452.4	452.5	452.6	452.7	452.8	453.1	453.4	453.7	454.0
162.5°	458.3	458.1	458.1	458.2	458.3	458.3	458.4	458.9	459.4	459.9	460.4
165°	463.2	463.0	463.0	463.1	463.2	463.3	463.4	463.9	464.3	464.8	465.3
167.5°	467.1	466.9	466.9	467.0	467.1	467.2	467.3	467.8	468.4	468.9	469.4
170°	470.0	469.7	469.7	469.8	469.9	470.0	470.1	470.7	471.3	472.0	472.6
172.5°	472.1	471.8	471.9	472.0	472.2	472.3	472.5	473.1	473.6	474.2	474.7
175°	473.8	473.6	473.6	473.7	473.8	473.9	474.0	474.6	475.2	475.9	476.5
177.5°	474.9	474.7	474.7	474.8	474.9	474.9	475.0	475.6	476.1	476.7	477.2
180°	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7

TEST NUMBER: P1027274

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6
2.5°	1193.3	1195.4	1190.2	1188.2	1184.0	1189.2	1190.2	1189.2	1198.5	1194.4	1196.4
5°	1124.0	1119.9	1116.8	1109.5	1109.5	1110.5	1113.6	1108.5	1111.6	1118.8	1117.8
7.5°	1047.4	1045.3	1046.4	1038.1	1031.9	1034.0	1031.9	1041.2	1046.4	1044.3	1048.4
10°	978.1	982.2	972.9	968.8	964.6	968.8	967.7	969.8	976.0	980.1	987.4
12.5°	922.2	921.1	916.0	911.8	904.6	906.7	912.9	910.8	911.8	921.1	920.1
15°	869.4	863.2	859.0	849.7	851.8	844.6	850.8	858.0	861.1	869.4	874.6
17.5°	816.6	815.6	810.4	809.4	798.0	794.9	801.1	803.2	806.3	810.4	817.6
20°	772.1	771.1	763.8	761.8	752.4	758.6	756.6	760.7	762.8	771.1	774.2
22.5°	731.7	726.6	724.5	721.4	718.3	717.2	721.4	720.4	727.6	730.7	731.7
25°	694.5	690.3	689.3	684.1	682.1	679.0	682.1	685.2	693.4	696.5	700.7
27.5°	660.3	657.2	655.1	651.0	647.9	647.9	650.0	654.1	657.2	659.3	661.4
30°	629.3	627.2	621.0	618.9	615.8	615.8	615.8	617.9	623.1	629.3	632.4
32.5°	597.2	593.0	588.9	588.9	585.8	585.8	586.8	588.9	594.1	595.1	600.3
35°	566.1	562.0	558.9	556.8	557.9	553.7	555.8	558.9	565.1	567.2	570.3
37.5°	536.1	535.1	528.9	525.8	527.8	527.8	526.8	528.9	533.0	537.2	539.2
40°	503.0	500.9	500.9	497.8	498.9	494.7	497.8	499.9	502.0	506.1	509.2
42.5°	474.0	472.0	467.8	468.9	465.7	465.7	467.8	468.9	472.0	477.1	479.2
45°	443.0	443.0	440.9	437.8	438.8	435.7	437.8	438.8	443.0	448.2	446.1
47.5°	413.0	411.9	411.9	407.8	409.9	406.8	409.9	410.9	413.0	416.1	415.0
50°	384.0	380.9	381.9	380.9	379.8	379.8	381.9	381.9	384.0	384.0	387.1
52.5°	354.0	354.0	351.9	352.9	355.0	352.9	356.0	352.9	355.0	356.0	358.1
55°	327.1	325.0	326.0	325.0	329.1	326.0	329.1	327.1	329.1	328.1	330.2
57.5°	298.1	295.0	296.0	295.0	298.1	297.0	300.1	297.0	298.1	299.1	302.2
60°	265.0	265.0	265.0	262.9	266.0	266.0	265.0	265.0	269.1	271.2	270.1
62.5°	233.9	232.9	229.8	228.7	229.8	227.7	231.8	230.8	232.9	234.9	237.0
65°	199.8	197.7	196.6	194.6	194.6	193.5	194.6	198.7	199.8	200.8	206.0
67.5°	171.8	170.8	169.7	166.6	166.6	168.7	168.7	168.7	174.9	171.8	175.9
70°	147.0	144.9	142.8	141.8	141.8	142.8	143.9	144.9	143.9	148.0	149.0
72.5°	123.2	124.2	122.1	122.1	122.1	121.1	121.1	123.2	124.2	123.2	124.2
75°	102.5	102.5	101.4	102.5	102.5	101.4	101.4	103.5	103.5	102.5	105.6
77.5°	82.8	81.8	79.7	77.6	78.7	77.6	78.7	77.6	80.7	83.8	81.8
80°	58.0	56.9	56.9	56.9	58.0	56.9	59.0	56.9	58.0	58.0	59.0
82.5°	41.4	42.4	42.4	41.4	42.4	41.4	42.4	42.4	42.4	41.4	42.4
85°	26.9	26.9	26.9	26.9	25.9	26.9	26.9	26.9	27.9	26.9	27.9
87.5°	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	12.4	11.4	12.4
90°	7.4	7.5	7.8	8.0	8.3	8.5	8.3	8.0	7.8	7.5	7.4
92.5°	7.4	7.4	7.5	7.6	7.7	7.8	7.7	7.6	7.5	7.4	7.4
95°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
97.5°	7.1	7.1	7.2	7.3	7.3	7.4	7.3	7.3	7.2	7.1	7.1
100°	8.8	8.6	8.3	8.0	7.7	7.4	7.7	8.0	8.3	8.6	8.8
102.5°	83.2	79.9	73.3	66.8	60.2	53.6	60.2	66.8	73.3	79.9	83.2
105°	105.1	105.1	105.0	104.9	104.8	104.7	104.8	104.9	105.0	105.1	105.1
107.5°	128.7	128.5	128.2	127.9	127.6	127.3	127.6	127.9	128.2	128.5	128.7
110°	150.6	150.6	150.7	150.8	150.8	150.9	150.8	150.8	150.7	150.6	150.6

TEST NUMBER: P1027274

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	172.8	172.7	172.6	172.4	172.3	172.1	172.3	172.4	172.6	172.7	172.8
115°	195.4	195.2	194.7	194.2	193.7	193.2	193.7	194.2	194.7	195.2	195.4
117.5°	216.9	216.8	216.7	216.5	216.4	216.2	216.4	216.5	216.7	216.8	216.9
120°	238.7	238.5	238.1	237.8	237.4	237.0	237.4	237.8	238.1	238.5	238.7
122.5°	258.8	258.6	258.1	257.6	257.2	256.7	257.2	257.6	258.1	258.6	258.8
125°	277.9	277.8	277.5	277.3	277.0	276.8	277.0	277.3	277.5	277.8	277.9
127.5°	296.2	295.9	295.3	294.6	294.0	293.4	294.0	294.6	295.3	295.9	296.2
130°	313.5	313.3	312.9	312.5	312.1	311.7	312.1	312.5	312.9	313.3	313.5
132.5°	330.4	330.2	329.8	329.5	329.1	328.7	329.1	329.5	329.8	330.2	330.4
135°	345.9	345.7	345.2	344.7	344.3	343.8	344.3	344.7	345.2	345.7	345.9
137.5°	361.5	361.3	360.9	360.5	360.1	359.7	360.1	360.5	360.9	361.3	361.5
140°	375.6	375.4	374.9	374.4	373.9	373.4	373.9	374.4	374.9	375.4	375.6
142.5°	388.6	388.4	387.9	387.4	387.0	386.5	387.0	387.4	387.9	388.4	388.6
145°	401.3	401.1	400.6	400.1	399.7	399.2	399.7	400.1	400.6	401.1	401.3
147.5°	412.2	411.9	411.4	410.9	410.3	409.8	410.3	410.9	411.4	411.9	412.2
150°	422.8	422.5	421.9	421.2	420.6	420.0	420.6	421.2	421.9	422.5	422.8
152.5°	432.0	431.7	431.2	430.6	430.1	429.5	430.1	430.6	431.2	431.7	432.0
155°	440.5	440.2	439.5	438.9	438.2	437.6	438.2	438.9	439.5	440.2	440.5
157.5°	447.5	447.2	446.6	445.9	445.3	444.7	445.3	445.9	446.6	447.2	447.5
160°	454.2	453.9	453.3	452.6	452.0	451.4	452.0	452.6	453.3	453.9	454.2
162.5°	460.6	460.2	459.5	458.8	458.1	457.4	458.1	458.8	459.5	460.2	460.6
165°	465.5	465.2	464.6	463.9	463.3	462.7	463.3	463.9	464.6	465.2	465.5
167.5°	469.7	469.3	468.6	467.9	467.2	466.5	467.2	467.9	468.6	469.3	469.7
170°	472.9	472.5	471.8	471.1	470.4	469.7	470.4	471.1	471.8	472.5	472.9
172.5°	475.0	474.6	473.9	473.2	472.5	471.8	472.5	473.2	473.9	474.6	475.0
175°	476.8	476.4	475.7	475.0	474.3	473.6	474.3	475.0	475.7	476.4	476.8
177.5°	477.5	477.2	476.6	475.9	475.3	474.7	475.3	475.9	476.6	477.2	477.5
180°	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7

TEST NUMBER: P1027274

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6	1260.6
2.5°	1192.3	1197.5	1193.3	1190.2	1198.5	1202.7	1202.7	1209.9	1217.1	1223.4	1224.4
5°	1118.8	1127.1	1129.2	1128.1	1140.6	1146.8	1160.2	1167.5	1177.8	1185.1	1193.3
7.5°	1051.5	1062.9	1064.0	1066.0	1084.7	1095.0	1106.4	1125.0	1139.5	1149.9	1159.2
10°	984.3	991.5	998.8	1008.1	1026.7	1044.3	1060.9	1080.5	1099.2	1109.5	1123.0
12.5°	933.6	938.7	947.0	953.2	972.9	988.4	1010.1	1037.1	1064.0	1072.2	1088.8
15°	880.8	883.9	900.4	906.7	923.2	949.1	962.5	988.4	1017.4	1032.9	1051.5
17.5°	819.7	838.3	848.7	855.9	876.6	897.3	919.1	946.0	983.2	997.7	1011.2
20°	776.2	789.7	801.1	810.4	829.0	860.1	879.7	901.5	936.7	953.2	972.9
22.5°	737.9	749.3	759.7	770.0	782.5	810.4	833.2	863.2	898.4	913.9	936.7
25°	701.7	713.1	719.3	731.7	748.3	768.0	794.9	821.8	857.0	874.6	896.3
27.5°	666.5	677.9	689.3	699.7	711.0	729.7	748.3	782.5	818.7	839.4	858.0
30°	636.5	641.7	652.0	663.4	674.8	692.4	714.1	737.9	779.3	798.0	820.7
32.5°	603.4	612.7	620.0	628.2	642.7	657.2	676.9	706.9	740.0	757.6	782.5
35°	572.3	580.6	585.8	600.3	609.6	625.1	644.8	671.7	699.7	719.3	741.1
37.5°	542.3	550.6	556.8	565.1	577.5	591.0	611.7	631.3	664.5	681.0	705.9
40°	511.3	518.5	525.8	535.1	546.5	563.0	575.5	600.3	627.2	645.8	664.5
42.5°	481.3	485.4	493.7	504.0	515.4	529.9	547.5	567.2	594.1	610.6	627.2
45°	449.2	456.4	465.7	473.0	483.3	497.8	513.4	530.9	557.9	574.4	592.0
47.5°	419.2	424.3	430.6	441.9	455.4	465.7	482.3	498.9	523.7	539.2	555.8
50°	388.1	393.3	402.6	409.9	420.2	433.7	449.2	466.8	490.6	500.9	517.5
52.5°	359.1	361.2	370.5	377.8	388.1	403.6	416.1	431.6	454.4	465.7	482.3
55°	330.2	332.2	337.4	344.7	356.0	368.5	381.9	399.5	419.2	429.5	445.0
57.5°	300.1	302.2	307.4	312.6	324.0	335.3	350.9	365.4	385.0	394.3	408.8
60°	270.1	270.1	275.3	282.6	290.8	301.2	314.6	332.2	346.7	358.1	368.5
62.5°	238.0	241.2	244.3	249.4	258.7	271.2	282.6	295.0	312.6	320.8	330.2
65°	206.0	209.1	215.3	220.5	227.7	236.0	250.5	260.8	274.3	283.6	291.9
67.5°	178.0	181.1	185.3	191.5	196.6	206.0	216.3	226.7	241.2	247.4	253.6
70°	149.0	152.1	155.2	163.5	168.7	175.9	183.2	193.5	206.0	210.1	215.3
72.5°	126.3	127.3	131.4	133.5	140.8	147.0	155.2	161.5	170.8	175.9	180.1
75°	106.6	106.6	107.6	109.7	113.8	118.0	124.2	130.4	138.7	141.8	147.0
77.5°	83.8	86.9	85.9	88.0	90.0	92.1	97.3	101.4	109.7	111.8	113.8
80°	60.0	61.1	64.2	67.3	67.3	70.4	73.5	74.5	79.7	82.8	82.8
82.5°	43.5	44.5	43.5	44.5	45.5	46.6	49.7	53.8	53.8	54.9	56.9
85°	26.9	26.9	27.9	29.0	29.0	27.9	30.0	29.0	30.0	32.1	32.1
87.5°	13.5	12.4	12.4	12.4	12.4	12.4	13.5	12.4	13.5	13.5	13.5
90°	7.2	6.8	6.4	6.0	5.6	5.1	4.5	4.0	3.5	3.2	2.9
92.5°	7.2	6.8	6.4	6.0	5.6	5.1	4.7	4.2	3.7	3.5	3.9
95°	7.2	6.8	6.4	6.0	5.6	8.6	11.6	14.5	17.5	19.0	19.1
97.5°	7.0	6.8	6.7	6.5	6.3	13.7	21.2	28.6	36.1	39.8	39.6
100°	14.6	26.3	38.0	49.7	61.4	61.1	60.7	60.4	60.1	59.9	59.8
102.5°	83.1	83.0	82.8	82.7	82.5	82.3	82.2	82.0	81.9	81.8	81.6
105°	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	104.9
107.5°	128.7	128.6	128.5	128.5	128.4	128.2	128.1	127.9	127.8	127.7	127.7
110°	150.7	150.9	151.2	151.4	151.6	151.4	151.3	151.1	151.0	150.9	150.9

TEST NUMBER: P1027274

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	173.0	173.3	173.6	173.9	174.2	174.1	174.1	174.0	173.9	173.9	173.8
115°	195.6	195.9	196.2	196.5	196.8	196.7	196.6	196.5	196.4	196.4	196.2
117.5°	217.1	217.6	218.1	218.5	219.0	218.7	218.4	218.1	217.8	217.6	217.6
120°	238.8	238.9	239.1	239.2	239.4	239.2	239.0	238.7	238.5	238.4	238.4
122.5°	258.9	259.0	259.2	259.3	259.5	259.4	259.4	259.3	259.2	259.2	259.0
125°	278.1	278.4	278.7	279.0	279.3	279.3	279.3	279.3	279.3	279.3	279.0
127.5°	296.3	296.4	296.6	296.7	296.9	297.0	297.1	297.2	297.3	297.3	297.1
130°	313.6	313.9	314.1	314.4	314.6	314.5	314.4	314.3	314.2	314.2	314.0
132.5°	330.4	330.4	330.4	330.4	330.4	330.6	330.9	331.1	331.4	331.5	331.3
135°	346.0	346.1	346.3	346.4	346.6	346.8	347.0	347.1	347.3	347.4	347.2
137.5°	361.5	361.5	361.5	361.5	361.5	361.7	361.8	362.0	362.1	362.2	362.0
140°	375.5	375.4	375.2	375.1	374.9	375.0	375.0	375.1	375.2	375.2	375.1
142.5°	388.6	388.6	388.6	388.6	388.6	388.4	388.3	388.1	388.0	387.9	387.9
145°	401.3	401.2	401.1	401.1	401.0	401.0	401.0	401.0	401.0	401.0	400.9
147.5°	412.2	412.1	412.0	412.0	411.9	411.8	411.7	411.6	411.5	411.5	411.5
150°	422.7	422.6	422.4	422.3	422.1	421.9	421.8	421.6	421.5	421.4	421.5
152.5°	431.9	431.8	431.6	431.5	431.3	431.1	431.0	430.8	430.7	430.6	430.8
155°	440.4	440.1	439.9	439.6	439.4	439.2	439.1	438.9	438.8	438.7	438.9
157.5°	447.4	447.1	446.9	446.6	446.4	446.4	446.4	446.4	446.4	446.4	446.5
160°	454.0	453.7	453.4	453.1	452.8	452.7	452.6	452.5	452.4	452.4	452.6
162.5°	460.4	459.9	459.4	458.9	458.4	458.3	458.3	458.2	458.1	458.1	458.3
165°	465.3	464.8	464.3	463.9	463.4	463.3	463.2	463.1	463.0	463.0	463.2
167.5°	469.4	468.9	468.4	467.8	467.3	467.2	467.1	467.0	466.9	466.9	467.1
170°	472.6	472.0	471.3	470.7	470.1	470.0	469.9	469.8	469.7	469.7	470.0
172.5°	474.7	474.2	473.6	473.1	472.5	472.3	472.2	472.0	471.9	471.8	472.1
175°	476.5	475.9	475.2	474.6	474.0	473.9	473.8	473.7	473.6	473.6	473.8
177.5°	477.2	476.7	476.1	475.6	475.0	474.9	474.9	474.8	474.7	474.7	474.9
180°	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7

TEST NUMBER: P1027274

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1260.6	1260.6	1260.6	1260.6
2.5°	1231.6	1241.0	1250.3	1261.7
5°	1206.8	1223.4	1241.0	1257.5
7.5°	1179.9	1203.7	1226.5	1250.3
10°	1149.9	1179.9	1205.8	1238.9
12.5°	1116.8	1148.8	1185.1	1222.3
15°	1083.6	1124.0	1162.3	1204.7
17.5°	1052.6	1090.9	1133.3	1184.0
20°	1015.3	1057.8	1105.4	1159.2
22.5°	976.0	1022.6	1074.3	1132.3
25°	942.9	990.5	1040.2	1101.2
27.5°	906.7	956.3	1005.0	1070.2
30°	865.3	919.1	968.8	1036.0
32.5°	825.9	879.7	934.6	997.7
35°	787.6	840.4	895.3	959.4
37.5°	751.4	799.0	852.8	910.8
40°	717.2	760.7	808.3	861.1
42.5°	673.8	724.5	769.0	807.3
45°	636.5	677.9	719.3	750.4
47.5°	593.0	634.4	669.6	694.5
50°	556.8	589.9	618.9	640.7
52.5°	513.4	544.4	568.2	584.8
55°	470.9	497.8	518.5	529.9
57.5°	432.6	450.2	465.7	476.1
60°	390.2	403.6	417.1	428.5
62.5°	344.7	359.1	366.4	378.8
65°	304.3	313.6	325.0	329.1
67.5°	265.0	270.1	277.4	285.7
70°	223.6	226.7	233.9	245.3
72.5°	187.3	190.4	195.6	199.8
75°	149.0	152.1	156.3	160.4
77.5°	117.0	118.0	120.1	124.2
80°	84.9	88.0	90.0	91.1
82.5°	59.0	60.0	60.0	61.1
85°	37.3	35.2	35.2	36.2
87.5°	13.5	15.5	15.5	17.6
90°	2.3	1.6	1.0	0.4
92.5°	4.6	5.3	6.0	6.7
95°	19.4	19.6	19.9	20.1
97.5°	39.1	38.6	38.2	37.7
100°	59.6	59.3	59.1	58.9
102.5°	81.3	81.0	80.7	80.4
105°	104.6	104.3	104.0	103.7
107.5°	127.7	127.7	127.7	127.7
110°	150.9	150.9	150.9	150.9

TEST NUMBER: P1027274

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	173.5	173.3	173.0	172.8
115°	195.8	195.5	195.1	194.7
117.5°	217.6	217.6	217.6	217.6
120°	238.5	238.6	238.6	238.7
122.5°	258.6	258.2	257.8	257.4
125°	278.5	277.9	277.4	276.8
127.5°	296.7	296.3	295.9	295.5
130°	313.6	313.2	312.8	312.4
132.5°	330.8	330.3	329.9	329.4
135°	346.7	346.2	345.7	345.2
137.5°	361.5	361.0	360.5	360.0
140°	375.0	374.8	374.7	374.5
142.5°	387.8	387.7	387.7	387.6
145°	400.7	400.6	400.4	400.2
147.5°	411.5	411.5	411.5	411.5
150°	421.6	421.8	421.9	422.1
152.5°	431.2	431.5	431.9	432.3
155°	439.4	439.9	440.3	440.8
157.5°	446.8	447.0	447.3	447.5
160°	453.1	453.6	454.1	454.6
162.5°	458.8	459.3	459.7	460.2
165°	463.7	464.2	464.6	465.1
167.5°	467.6	468.1	468.5	469.0
170°	470.5	471.1	471.6	472.2
172.5°	472.6	473.2	473.7	474.3
175°	474.3	474.8	475.2	475.7
177.5°	475.4	475.9	476.3	476.8
180°	475.7	475.7	475.7	475.7

(END OF REPORT)