

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: P1027275

Luminaire Tested: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_3000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027275
REPORT IS A COMBINATION OF REPORTS P1005806 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_3000K
Description: Define 5 Regressed Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589}
{m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

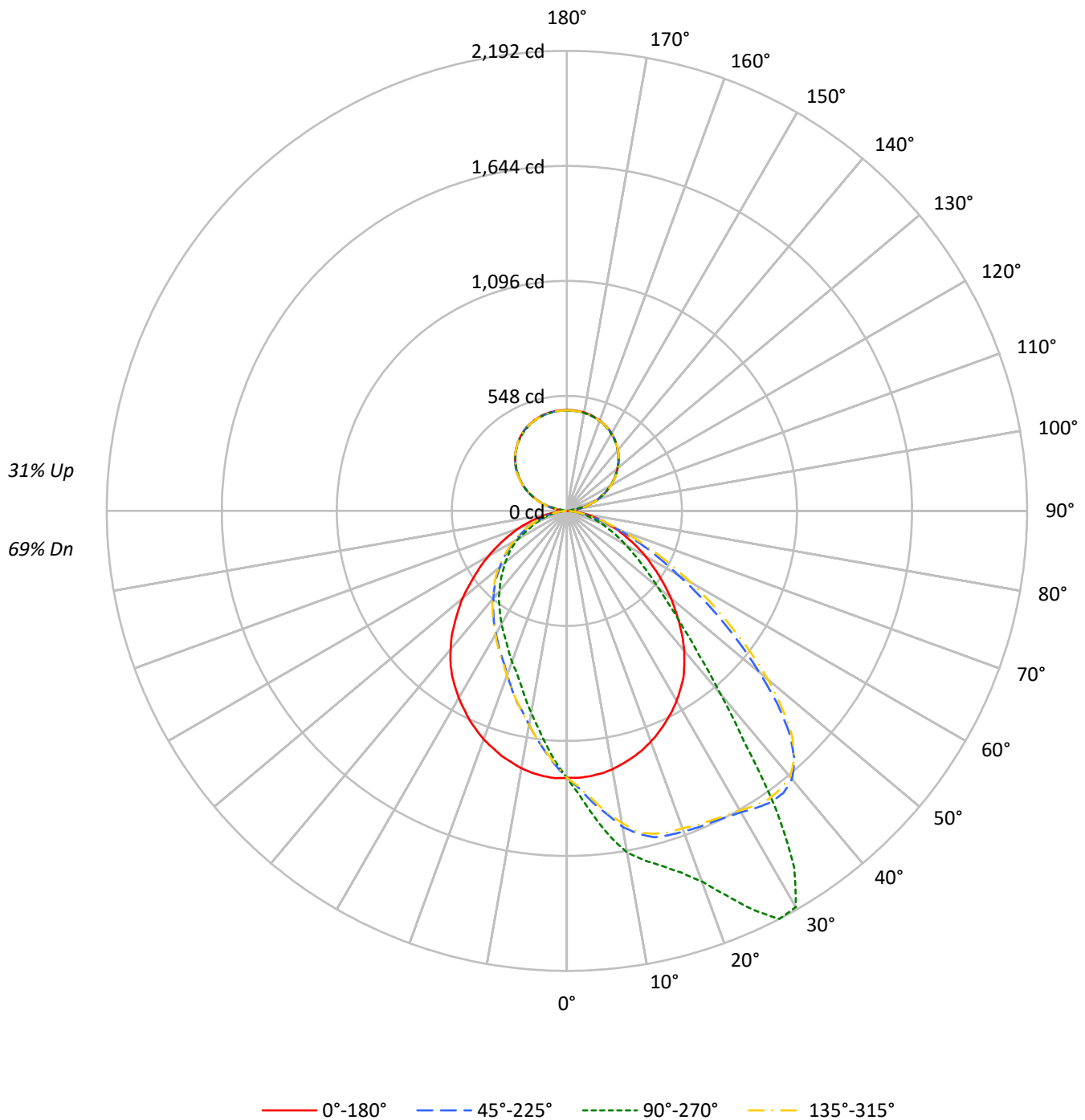
Lumens per Lamp: N/A
Luminaire Lumens: 4769.0 lumens
Efficiency: N/A
Efficacy: 105.5 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 45.2
Input Voltage (V):
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: P1027275

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_3000K

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					0
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	106	106	106	106	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°	8149	8149	8149	8149
5°	8142	9184	8142	7059
10°	8096	10320	8069	6103
15°	8008	10919	7954	5313
20°	7902	11787	7831	4803
25°	7764	13341	7676	4359
30°	7623	14180	7509	4041
35°	7441	11662	7337	3745
40°	7117	7920	7057	3479
45°	6692	5693	6683	3217
50°	6256	4378	6287	2975
55°	5766	3560	5755	2742
60°	5310	2918	5284	2435
65°	4777	2431	4807	1960
70°	4338	1951	4319	1632
75°	3664	1479	3664	1341
80°	2970	901	2934	901
85°	2087	474	2030	535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 11599 cd/sqm

TEST NUMBER: P1027275

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	122.0	2.6
10°-20°	357.6	7.5
20°-30°	566.9	11.9
30°-40°	685.1	14.4
40°-50°	609.9	12.8
50°-60°	467.7	9.8
60°-70°	303.8	6.4
70°-80°	147.4	3.1
80°-90°	35.4	0.7
90°-100°	16.3	0.3
100°-110°	108.2	2.3
110°-120°	194.9	4.1
120°-130°	250.2	5.2
130°-140°	269.1	5.6
140°-150°	252.6	5.3
150°-160°	204.3	4.3
160°-170°	132.1	2.8
170°-180°	45.6	1.0
0°-30°	1046.5	21.9
0°-40°	1731.5	36.3
0°-60°	2809.2	58.9
0°-90°	3295.7	69.1
90°-120°	319.5	6.7
90°-150°	1091.3	22.9
90°-180°	1473.0	30.9
0°-180°	4769.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1272	1272	1272	1272	1272	
5°	1269	1458	1269	1120	1269	121
15°	1215	1751	1207	852	1215	343
25°	1111	2097	1098	685	1111	512
35°	968	1740	954	559	968	603
45°	757	778	756	440	757	584
55°	535	427	534	329	535	479
65°	332	242	334	195	332	332
75°	162	113	162	102	162	174
85°	36	24	36	27	36	42
90°	0	8	0	8	0	3
95°	20	8	20	8	20	25
105°	104	106	104	106	104	111
115°	196	195	196	195	196	195
125°	279	279	279	279	279	249
135°	348	347	348	347	348	268
145°	404	402	404	402	404	252
155°	444	441	444	441	444	205
165°	469	466	469	466	469	132
175°	480	478	480	478	480	46
180°	480	480	480	480	480	

TEST NUMBER: P1027275

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8
2.5°	1272.9	1283.3	1286.4	1294.8	1304.2	1306.3	1311.5	1318.8	1323.0	1321.9	1321.9
5°	1268.7	1286.4	1299.0	1313.6	1331.3	1338.6	1344.9	1360.6	1373.1	1380.4	1392.9
7.5°	1261.4	1287.5	1308.4	1330.3	1357.4	1370.0	1383.5	1405.5	1428.4	1443.1	1456.6
10°	1249.9	1283.3	1312.5	1344.9	1381.4	1400.2	1417.0	1450.4	1478.6	1497.4	1528.7
12.5°	1233.2	1274.9	1315.7	1358.5	1404.4	1424.3	1447.2	1483.8	1523.5	1550.6	1576.7
15°	1215.4	1265.5	1309.4	1360.6	1415.9	1446.2	1475.4	1514.1	1549.6	1579.8	1610.1
17.5°	1194.5	1247.8	1302.1	1360.6	1423.2	1453.5	1478.6	1524.5	1562.1	1592.4	1619.5
20°	1169.5	1229.0	1290.6	1355.3	1419.0	1447.2	1471.2	1521.4	1554.8	1587.2	1625.8
22.5°	1142.3	1207.1	1272.9	1336.5	1399.2	1429.5	1457.7	1501.5	1538.1	1581.9	1632.1
25°	1111.0	1182.0	1248.8	1312.5	1372.1	1400.2	1425.3	1473.3	1524.5	1579.8	1636.2
27.5°	1079.7	1148.6	1213.3	1271.8	1336.5	1362.7	1387.7	1448.3	1508.8	1567.3	1644.6
30°	1045.2	1115.2	1171.6	1225.9	1288.5	1315.7	1347.0	1415.9	1484.8	1564.2	1658.2
32.5°	1006.6	1070.3	1122.5	1178.9	1235.3	1268.7	1308.4	1383.5	1462.9	1557.9	1678.0
35°	968.0	1019.1	1067.2	1120.4	1188.3	1223.8	1262.4	1341.8	1441.0	1554.8	1694.7
37.5°	918.9	968.0	1005.5	1059.8	1129.8	1171.6	1210.2	1302.1	1414.9	1547.5	1693.7
40°	868.8	910.5	946.0	1002.4	1078.6	1117.3	1159.0	1259.3	1387.7	1526.6	1668.6
42.5°	814.5	850.0	888.6	942.9	1017.0	1054.6	1102.7	1219.6	1350.1	1497.4	1603.9
45°	757.0	791.5	823.9	880.2	954.4	995.1	1047.3	1167.4	1304.2	1435.7	1499.4
47.5°	700.6	730.9	765.4	814.5	889.6	934.5	987.8	1116.2	1242.6	1353.3	1358.5
50°	646.3	670.4	699.6	749.7	828.0	870.8	926.2	1046.3	1169.5	1245.7	1194.5
52.5°	590.0	611.9	642.2	686.0	759.1	809.2	857.3	977.4	1080.7	1131.9	1037.9
55°	534.6	553.4	584.7	633.8	697.5	736.1	785.2	897.0	987.8	988.8	886.5
57.5°	480.3	497.0	523.1	567.0	626.5	671.4	716.3	813.4	875.0	857.3	743.5
60°	432.3	442.7	466.7	509.6	564.9	597.3	645.3	726.7	767.5	735.1	612.9
62.5°	382.2	392.6	411.4	445.9	498.1	532.5	562.8	629.6	657.8	608.8	508.5
65°	332.0	344.6	358.2	385.3	434.4	457.4	484.5	533.6	560.7	503.3	416.6
67.5°	288.2	294.5	308.0	336.2	370.7	391.6	410.4	443.8	449.0	403.1	332.0
70°	247.5	249.6	262.1	278.8	304.9	317.4	333.1	352.9	352.9	315.3	259.0
72.5°	201.5	204.7	214.1	231.8	247.5	253.7	259.0	271.5	269.4	234.9	196.3
75°	161.8	163.9	171.2	179.6	185.9	197.3	201.5	199.4	198.4	169.2	147.2
77.5°	125.3	126.3	131.6	138.9	139.9	144.1	141.0	141.0	131.6	114.9	103.4
80°	91.9	92.9	95.0	97.1	97.1	97.1	97.1	91.9	85.6	75.2	72.0
82.5°	61.6	61.6	62.7	64.7	63.7	61.6	59.5	54.3	50.1	47.0	44.9
85°	36.5	36.5	37.6	36.5	32.4	31.3	29.2	28.2	27.1	26.1	26.1
87.5°	17.8	16.7	14.6	12.5	12.5	12.5	12.5	12.5	12.5	11.5	11.5
90°	0.4	1.0	1.6	2.3	2.9	3.2	3.5	4.0	4.6	5.1	5.7
92.5°	6.8	6.1	5.4	4.7	4.0	3.6	3.8	4.3	4.8	5.2	5.7
95°	20.3	20.1	19.8	19.6	19.3	19.2	17.7	14.7	11.7	8.7	5.7
97.5°	38.0	38.5	39.0	39.5	40.0	40.2	36.4	28.9	21.4	13.9	6.4
100°	59.4	59.6	59.8	60.1	60.3	60.4	60.6	60.9	61.2	61.6	61.9
102.5°	81.1	81.4	81.7	82.0	82.3	82.5	82.6	82.7	82.9	83.0	83.2
105°	104.5	104.8	105.1	105.4	105.7	105.9	105.9	105.9	105.9	105.9	105.9
107.5°	128.7	128.7	128.7	128.7	128.7	128.7	128.8	128.9	129.1	129.2	129.4
110°	152.2	152.2	152.2	152.2	152.2	152.2	152.3	152.4	152.6	152.7	152.9

TEST NUMBER: P1027275

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	174.2	174.4	174.7	174.9	175.2	175.3	175.3	175.4	175.5	175.5	175.6
115°	196.3	196.7	197.1	197.4	197.8	198.0	198.0	198.1	198.2	198.3	198.4
117.5°	219.4	219.4	219.4	219.4	219.4	219.4	219.6	219.9	220.2	220.5	220.8
120°	240.7	240.6	240.5	240.4	240.3	240.3	240.4	240.7	240.9	241.2	241.4
122.5°	259.5	259.9	260.3	260.7	261.1	261.3	261.3	261.4	261.5	261.6	261.7
125°	279.1	279.7	280.2	280.8	281.3	281.6	281.6	281.6	281.6	281.6	281.6
127.5°	297.9	298.3	298.7	299.1	299.5	299.7	299.7	299.6	299.5	299.5	299.4
130°	315.0	315.4	315.8	316.2	316.6	316.8	316.8	316.9	317.0	317.0	317.1
132.5°	332.1	332.6	333.0	333.5	334.0	334.2	334.1	333.8	333.6	333.3	333.1
135°	348.1	348.6	349.0	349.5	350.0	350.2	350.1	350.0	349.8	349.7	349.5
137.5°	363.0	363.5	363.9	364.4	364.9	365.1	365.0	364.9	364.7	364.6	364.4
140°	377.6	377.8	377.9	378.1	378.2	378.3	378.3	378.2	378.1	378.0	377.9
142.5°	390.7	390.8	390.9	391.0	391.1	391.1	391.2	391.3	391.5	391.6	391.8
145°	403.5	403.7	403.8	404.0	404.1	404.2	404.2	404.2	404.2	404.2	404.2
147.5°	414.9	414.9	414.9	414.9	414.9	414.9	414.9	415.0	415.1	415.2	415.3
150°	425.6	425.4	425.3	425.1	425.0	424.9	425.0	425.1	425.3	425.4	425.6
152.5°	435.9	435.5	435.1	434.7	434.3	434.1	434.2	434.3	434.5	434.6	434.8
155°	444.4	443.9	443.5	443.0	442.5	442.3	442.4	442.5	442.7	442.8	443.0
157.5°	451.2	451.0	450.7	450.5	450.2	450.1	450.1	450.1	450.1	450.1	450.1
160°	458.3	457.8	457.4	456.9	456.4	456.2	456.2	456.3	456.4	456.4	456.5
162.5°	464.0	463.5	463.0	462.5	462.0	461.8	461.8	461.9	462.0	462.1	462.2
165°	469.0	468.5	468.0	467.5	467.0	466.8	466.8	466.9	467.0	467.1	467.2
167.5°	472.9	472.4	471.9	471.4	470.9	470.7	470.7	470.8	470.9	471.0	471.1
170°	476.1	475.5	475.0	474.4	473.9	473.6	473.6	473.7	473.8	473.8	473.9
172.5°	478.2	477.6	477.1	476.5	476.0	475.7	475.8	475.9	476.1	476.2	476.4
175°	479.6	479.1	478.7	478.2	477.7	477.5	477.5	477.6	477.7	477.7	477.8
177.5°	480.7	480.2	479.8	479.3	478.8	478.6	478.6	478.7	478.8	478.8	478.9
180°	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6

TEST NUMBER: P1027275

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8
2.5°	1327.2	1334.5	1340.7	1337.6	1350.1	1349.1	1351.2	1355.3	1356.4	1354.3	1350.1
5°	1399.2	1409.6	1427.4	1436.8	1434.7	1443.1	1447.2	1453.5	1459.8	1457.7	1457.7
7.5°	1479.6	1494.2	1512.0	1536.0	1539.1	1546.4	1559.0	1559.0	1566.3	1563.1	1562.1
10°	1549.6	1567.3	1595.5	1614.3	1622.7	1626.8	1639.4	1643.5	1651.9	1652.9	1652.9
12.5°	1607.0	1638.3	1657.1	1675.9	1680.1	1686.4	1695.7	1702.0	1705.1	1705.1	1702.0
15°	1637.3	1662.3	1684.3	1704.1	1715.6	1720.8	1730.2	1737.5	1741.7	1751.1	1753.2
17.5°	1649.8	1680.1	1715.6	1743.8	1763.6	1768.8	1787.6	1793.9	1802.3	1806.4	1811.7
20°	1667.6	1711.4	1754.2	1788.7	1807.5	1821.0	1840.9	1870.1	1878.5	1878.5	1875.3
22.5°	1683.2	1739.6	1798.1	1853.4	1869.1	1896.2	1932.8	1964.1	1976.6	1981.9	1977.7
25°	1702.0	1779.3	1855.5	1924.4	1967.2	1987.1	2036.2	2073.7	2088.4	2096.7	2098.8
27.5°	1734.4	1831.5	1928.6	2016.3	2060.2	2083.1	2134.3	2166.7	2184.4	2191.7	2186.5
30°	1770.9	1890.0	2002.7	2081.1	2110.3	2138.5	2171.9	2184.4	2180.2	2180.2	2195.9
32.5°	1808.5	1931.7	2032.0	2083.1	2093.6	2089.4	2075.8	2038.2	2016.3	2016.3	2029.9
35°	1829.4	1935.9	1987.1	1970.4	1929.6	1905.6	1831.5	1789.7	1742.7	1739.6	1755.3
37.5°	1817.9	1863.9	1843.0	1733.3	1678.0	1632.1	1516.1	1470.2	1435.7	1387.7	1461.9
40°	1737.5	1721.9	1613.3	1455.6	1394.0	1329.2	1237.4	1191.4	1143.4	1136.1	1153.8
42.5°	1601.8	1508.8	1350.1	1197.7	1135.0	1089.1	1019.1	974.2	943.9	931.4	952.3
45°	1432.6	1286.4	1127.7	1006.6	937.7	913.7	850.0	810.3	787.3	777.9	792.5
47.5°	1225.9	1078.6	928.3	825.9	785.2	761.2	718.4	683.9	664.1	657.8	664.1
50°	1041.0	889.6	763.3	697.5	661.0	641.1	605.6	583.7	568.0	563.9	574.3
52.5°	881.3	743.5	647.4	588.9	564.9	548.2	523.1	504.3	494.9	490.8	498.1
55°	738.2	626.5	549.2	499.1	481.4	470.9	449.0	438.6	428.1	427.1	434.4
57.5°	611.9	534.6	463.6	428.1	422.9	407.2	388.4	379.0	373.8	372.8	375.9
60°	509.6	440.6	397.8	366.5	359.2	346.7	336.2	330.0	323.7	321.6	323.7
62.5°	423.9	369.6	335.2	314.3	303.9	300.7	289.2	281.9	280.9	280.9	283.0
65°	349.8	303.9	281.9	265.2	257.9	254.8	246.4	241.2	242.2	242.2	243.3
67.5°	285.1	251.6	231.8	223.5	217.2	216.1	207.8	205.7	203.6	203.6	205.7
70°	226.6	205.7	191.1	186.9	185.9	178.6	175.4	174.4	171.2	172.3	172.3
72.5°	177.5	163.9	155.6	149.3	150.4	146.2	142.0	142.0	139.9	143.1	143.1
75°	131.6	125.3	119.0	116.9	119.0	116.9	113.8	112.8	113.8	112.8	112.8
77.5°	97.1	94.0	91.9	90.8	90.8	86.7	84.6	86.7	82.5	84.6	84.6
80°	67.9	63.7	62.7	60.6	61.6	58.5	59.5	57.4	57.4	57.4	57.4
82.5°	42.8	41.8	41.8	41.8	40.7	40.7	40.7	40.7	40.7	40.7	39.7
85°	26.1	25.1	25.1	25.1	24.0	24.0	24.0	24.0	24.0	24.0	24.0
87.5°	10.4	11.5	11.5	12.5	11.5	10.4	10.4	10.4	11.5	11.5	10.4
90°	6.1	6.5	6.9	7.3	7.5	7.6	7.8	8.1	8.3	8.5	8.3
92.5°	6.1	6.5	6.9	7.3	7.5	7.5	7.6	7.7	7.7	7.8	7.7
95°	6.1	6.5	6.9	7.3	7.5	7.5	7.5	7.5	7.5	7.5	7.5
97.5°	6.6	6.7	6.9	7.0	7.1	7.1	7.2	7.3	7.4	7.5	7.4
100°	50.1	38.3	26.6	14.8	8.9	8.7	8.4	8.1	7.8	7.5	7.8
102.5°	83.4	83.5	83.7	83.8	83.9	80.6	73.9	67.3	60.6	54.0	60.6
105°	105.9	105.9	105.9	105.9	105.9	105.9	105.8	105.7	105.7	105.6	105.7
107.5°	129.5	129.6	129.7	129.8	129.8	129.6	129.3	129.0	128.6	128.3	128.6
110°	152.7	152.4	152.2	151.9	151.8	151.8	151.9	152.0	152.1	152.2	152.1

TEST NUMBER: P1027275

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	175.3	175.0	174.7	174.4	174.2	174.1	174.0	173.8	173.7	173.5	173.7
115°	198.1	197.8	197.5	197.2	197.0	196.8	196.3	195.8	195.3	194.8	195.3
117.5°	220.3	219.9	219.4	218.9	218.7	218.6	218.4	218.3	218.1	217.9	218.1
120°	241.2	241.1	240.9	240.8	240.7	240.5	240.1	239.7	239.3	238.9	239.3
122.5°	261.5	261.4	261.2	261.1	261.0	260.8	260.3	259.8	259.3	258.8	259.3
125°	281.3	281.0	280.7	280.4	280.2	280.1	279.8	279.6	279.3	279.1	279.3
127.5°	299.2	299.1	298.9	298.8	298.7	298.4	297.7	297.1	296.4	295.8	296.4
130°	316.9	316.7	316.4	316.2	316.1	315.9	315.5	315.1	314.7	314.3	314.7
132.5°	333.1	333.1	333.1	333.1	333.1	332.9	332.5	332.2	331.8	331.4	331.8
135°	349.3	349.2	349.0	348.9	348.8	348.6	348.1	347.6	347.1	346.6	347.1
137.5°	364.4	364.4	364.4	364.4	364.4	364.2	363.8	363.4	363.0	362.6	363.0
140°	378.1	378.2	378.4	378.5	378.6	378.4	377.9	377.4	377.0	376.5	377.0
142.5°	391.8	391.8	391.8	391.8	391.8	391.6	391.1	390.6	390.2	389.7	390.2
145°	404.3	404.4	404.5	404.6	404.6	404.4	403.9	403.4	403.0	402.5	403.0
147.5°	415.4	415.4	415.5	415.6	415.6	415.3	414.8	414.2	413.7	413.1	413.7
150°	425.8	425.9	426.1	426.2	426.3	426.0	425.3	424.7	424.0	423.4	424.0
152.5°	435.0	435.1	435.3	435.4	435.5	435.2	434.7	434.1	433.6	433.0	433.6
155°	443.2	443.5	443.7	444.0	444.1	443.8	443.1	442.5	441.8	441.2	441.8
157.5°	450.3	450.6	450.8	451.1	451.2	450.9	450.2	449.6	448.9	448.3	448.9
160°	456.8	457.1	457.4	457.7	457.9	457.6	457.0	456.3	455.7	455.1	455.7
162.5°	462.7	463.1	463.6	464.1	464.3	463.9	463.2	462.5	461.8	461.1	461.8
165°	467.7	468.1	468.6	469.1	469.3	469.0	468.4	467.7	467.1	466.5	467.1
167.5°	471.7	472.2	472.8	473.3	473.6	473.2	472.5	471.8	471.1	470.4	471.1
170°	474.5	475.2	475.8	476.5	476.8	476.4	475.7	475.0	474.3	473.6	474.3
172.5°	477.0	477.5	478.1	478.6	478.9	478.5	477.8	477.1	476.4	475.7	476.4
175°	478.4	479.1	479.7	480.4	480.7	480.3	479.6	478.9	478.2	477.5	478.2
177.5°	479.5	480.0	480.6	481.1	481.4	481.1	480.5	479.8	479.2	478.6	479.2
180°	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6

TEST NUMBER: P1027275

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8
2.5°	1355.3	1348.0	1351.2	1348.0	1344.9	1341.8	1334.5	1324.0	1315.7	1309.4	1308.4
5°	1459.8	1450.4	1444.1	1441.0	1434.7	1426.3	1412.8	1397.1	1378.3	1371.0	1356.4
7.5°	1555.8	1552.7	1538.1	1536.0	1531.8	1516.1	1493.2	1472.3	1448.3	1428.4	1409.6
10°	1646.7	1639.4	1628.9	1614.3	1612.2	1592.4	1570.4	1541.2	1509.9	1491.1	1457.7
12.5°	1703.1	1694.7	1683.2	1673.8	1668.6	1656.1	1625.8	1596.6	1568.4	1533.9	1504.7
15°	1743.8	1733.3	1712.5	1705.1	1698.9	1682.2	1660.2	1630.0	1592.4	1568.4	1526.6
17.5°	1799.1	1786.6	1765.7	1752.1	1740.6	1714.5	1683.2	1642.5	1607.0	1579.8	1542.3
20°	1862.8	1844.0	1816.9	1799.1	1782.4	1752.1	1708.3	1660.2	1609.1	1575.7	1537.0
22.5°	1968.3	1932.8	1890.0	1864.9	1841.9	1789.7	1737.5	1678.0	1620.6	1570.4	1523.5
25°	2070.6	2035.1	1981.9	1947.4	1911.9	1851.3	1782.4	1699.9	1626.8	1568.4	1506.8
27.5°	2165.6	2129.1	2080.0	2038.2	2003.8	1912.9	1822.1	1729.2	1636.2	1555.8	1493.2
30°	2187.6	2171.9	2134.3	2097.8	2066.4	1982.9	1877.4	1759.4	1647.7	1544.3	1474.4
32.5°	2054.9	2093.6	2103.0	2097.8	2077.9	2018.4	1921.3	1797.0	1664.4	1539.1	1443.1
35°	1779.3	1849.2	1921.3	1959.9	1978.7	1987.1	1929.6	1815.8	1675.9	1530.8	1422.2
37.5°	1475.4	1543.3	1657.1	1714.5	1778.2	1861.8	1884.7	1811.7	1670.7	1524.5	1388.8
40°	1212.3	1299.0	1392.9	1445.1	1500.5	1650.8	1764.7	1756.3	1654.0	1501.5	1362.7
42.5°	986.7	1041.0	1123.5	1181.0	1248.8	1417.0	1569.4	1644.6	1603.9	1473.3	1329.2
45°	822.8	864.6	923.1	981.5	1023.3	1175.7	1356.4	1479.6	1518.2	1423.2	1278.1
47.5°	693.3	724.7	775.8	812.4	857.3	977.4	1134.0	1307.3	1388.8	1352.2	1223.8
50°	594.1	619.2	659.9	682.9	722.6	825.9	945.0	1126.7	1249.9	1254.1	1151.7
52.5°	507.5	532.5	567.0	586.8	610.8	680.8	800.9	954.4	1096.4	1148.6	1069.2
55°	441.7	456.3	484.5	500.2	522.1	590.0	666.2	796.7	945.0	1030.6	980.5
57.5°	381.1	396.8	414.5	427.1	442.7	497.0	565.9	664.1	811.3	904.3	887.6
60°	332.0	341.4	358.2	367.6	382.2	417.7	465.7	563.9	680.8	768.5	777.9
62.5°	286.1	294.5	305.9	314.3	323.7	351.9	387.4	457.4	559.7	654.7	667.2
65°	246.4	253.7	260.0	267.3	274.6	292.4	322.7	376.9	456.3	545.1	572.2
67.5°	210.9	213.0	222.4	223.5	227.6	241.2	263.1	307.0	364.4	435.4	470.9
70°	176.5	180.6	182.7	185.9	190.0	199.4	217.2	240.2	283.0	340.4	373.8
72.5°	143.1	144.1	147.2	149.3	153.5	160.8	169.2	186.9	214.1	255.8	286.1
75°	113.8	114.9	116.9	118.0	121.1	123.2	127.4	139.9	158.7	183.8	205.7
77.5°	85.6	87.7	89.8	89.8	90.8	92.9	95.0	99.2	108.6	125.3	144.1
80°	58.5	59.5	59.5	60.6	59.5	62.7	65.8	71.0	75.2	80.4	89.8
82.5°	40.7	40.7	40.7	41.8	41.8	42.8	42.8	43.9	44.9	48.0	52.2
85°	25.1	25.1	26.1	24.0	25.1	26.1	26.1	25.1	26.1	27.1	28.2
87.5°	10.4	10.4	11.5	11.5	11.5	11.5	10.4	11.5	10.4	11.5	11.5
90°	8.1	7.8	7.6	7.5	7.3	6.9	6.5	6.1	5.7	5.1	4.6
92.5°	7.7	7.6	7.5	7.5	7.3	6.9	6.5	6.1	5.7	5.2	4.8
95°	7.5	7.5	7.5	7.5	7.3	6.9	6.5	6.1	5.7	8.7	11.7
97.5°	7.3	7.2	7.1	7.1	7.0	6.9	6.7	6.6	6.4	13.9	21.4
100°	8.1	8.4	8.7	8.9	14.8	26.6	38.3	50.1	61.9	61.6	61.2
102.5°	67.3	73.9	80.6	83.9	83.8	83.7	83.5	83.4	83.2	83.0	82.9
105°	105.7	105.8	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9
107.5°	129.0	129.3	129.6	129.8	129.8	129.7	129.6	129.5	129.4	129.2	129.1
110°	152.0	151.9	151.8	151.8	151.9	152.2	152.4	152.7	152.9	152.7	152.6

TEST NUMBER: P1027275

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	173.8	174.0	174.1	174.2	174.4	174.7	175.0	175.3	175.6	175.5	175.5
115°	195.8	196.3	196.8	197.0	197.2	197.5	197.8	198.1	198.4	198.3	198.2
117.5°	218.3	218.4	218.6	218.7	218.9	219.4	219.9	220.3	220.8	220.5	220.2
120°	239.7	240.1	240.5	240.7	240.8	240.9	241.1	241.2	241.4	241.2	240.9
122.5°	259.8	260.3	260.8	261.0	261.1	261.2	261.4	261.5	261.7	261.6	261.5
125°	279.6	279.8	280.1	280.2	280.4	280.7	281.0	281.3	281.6	281.6	281.6
127.5°	297.1	297.7	298.4	298.7	298.8	298.9	299.1	299.2	299.4	299.5	299.5
130°	315.1	315.5	315.9	316.1	316.2	316.4	316.7	316.9	317.1	317.0	317.0
132.5°	332.2	332.5	332.9	333.1	333.1	333.1	333.1	333.1	333.1	333.3	333.6
135°	347.6	348.1	348.6	348.8	348.9	349.0	349.2	349.3	349.5	349.7	349.8
137.5°	363.4	363.8	364.2	364.4	364.4	364.4	364.4	364.4	364.4	364.6	364.7
140°	377.4	377.9	378.4	378.6	378.5	378.4	378.2	378.1	377.9	378.0	378.1
142.5°	390.6	391.1	391.6	391.8	391.8	391.8	391.8	391.8	391.8	391.6	391.5
145°	403.4	403.9	404.4	404.6	404.6	404.5	404.4	404.3	404.2	404.2	404.2
147.5°	414.2	414.8	415.3	415.6	415.6	415.5	415.4	415.4	415.3	415.2	415.1
150°	424.7	425.3	426.0	426.3	426.2	426.1	425.9	425.8	425.6	425.4	425.3
152.5°	434.1	434.7	435.2	435.5	435.4	435.3	435.1	435.0	434.8	434.6	434.5
155°	442.5	443.1	443.8	444.1	444.0	443.7	443.5	443.2	443.0	442.8	442.7
157.5°	449.6	450.2	450.9	451.2	451.1	450.8	450.6	450.3	450.1	450.1	450.1
160°	456.3	457.0	457.6	457.9	457.7	457.4	457.1	456.8	456.5	456.4	456.4
162.5°	462.5	463.2	463.9	464.3	464.1	463.6	463.1	462.7	462.2	462.1	462.0
165°	467.7	468.4	469.0	469.3	469.1	468.6	468.1	467.7	467.2	467.1	467.0
167.5°	471.8	472.5	473.2	473.6	473.3	472.8	472.2	471.7	471.1	471.0	470.9
170°	475.0	475.7	476.4	476.8	476.5	475.8	475.2	474.5	473.9	473.8	473.8
172.5°	477.1	477.8	478.5	478.9	478.6	478.1	477.5	477.0	476.4	476.2	476.1
175°	478.9	479.6	480.3	480.7	480.4	479.7	479.1	478.4	477.8	477.7	477.7
177.5°	479.8	480.5	481.1	481.4	481.1	480.6	480.0	479.5	478.9	478.8	478.8
180°	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6

TEST NUMBER: P1027275

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8
2.5°	1305.2	1299.0	1294.8	1293.7	1287.5	1282.3	1276.0	1274.9	1271.8	1263.5	1258.2
5°	1345.9	1331.3	1328.2	1318.8	1303.1	1291.7	1277.0	1268.7	1259.3	1243.6	1231.1
7.5°	1387.7	1367.9	1353.3	1339.7	1317.8	1296.9	1276.0	1259.3	1242.6	1219.6	1200.8
10°	1428.4	1398.2	1380.4	1360.6	1330.3	1299.0	1269.7	1245.7	1218.6	1191.4	1164.3
12.5°	1466.0	1427.4	1401.3	1373.1	1335.5	1296.9	1259.3	1225.9	1197.7	1161.1	1130.8
15°	1489.0	1446.2	1420.1	1392.9	1336.5	1293.7	1249.9	1207.1	1169.5	1130.8	1102.7
17.5°	1502.6	1454.5	1425.3	1400.2	1342.8	1284.3	1228.0	1182.0	1141.3	1095.3	1057.8
20°	1496.3	1449.3	1422.2	1398.2	1331.3	1272.9	1212.3	1159.0	1107.9	1060.9	1021.2
22.5°	1482.7	1433.7	1403.4	1381.4	1321.9	1253.0	1186.2	1128.8	1075.5	1028.5	983.6
25°	1453.5	1405.5	1379.4	1352.2	1293.7	1228.0	1160.1	1098.5	1042.1	992.0	941.9
27.5°	1427.4	1368.9	1341.8	1317.8	1256.1	1197.7	1130.8	1063.0	1005.5	953.3	903.2
30°	1397.1	1331.3	1302.1	1269.7	1214.4	1159.0	1092.2	1029.6	970.0	914.7	866.7
32.5°	1364.7	1288.5	1255.1	1218.6	1162.2	1110.0	1053.6	992.0	932.5	878.2	828.0
35°	1323.0	1241.5	1202.9	1168.4	1110.0	1057.8	1005.5	954.4	894.9	837.4	789.4
37.5°	1283.3	1193.5	1152.8	1113.1	1051.5	1001.4	958.6	910.5	853.1	797.8	751.8
40°	1238.4	1135.0	1093.3	1056.7	993.0	937.7	899.0	861.4	811.3	758.1	708.0
42.5°	1197.7	1080.7	1036.9	999.3	932.5	880.2	843.7	812.4	768.5	719.4	668.3
45°	1141.3	1022.3	977.4	937.7	869.8	820.7	783.1	756.0	721.5	675.6	629.6
47.5°	1089.1	965.9	916.8	868.8	807.2	757.0	722.6	701.7	678.7	638.0	591.0
50°	1025.4	901.1	851.0	811.3	741.4	698.6	664.1	649.5	628.6	590.0	552.4
52.5°	956.5	838.5	791.5	743.5	678.7	636.9	606.7	590.0	573.3	545.1	509.6
55°	876.1	768.5	724.7	681.8	617.1	578.5	551.3	533.6	524.2	498.1	472.0
57.5°	798.8	697.5	656.8	617.1	560.7	516.9	499.1	483.5	469.9	451.1	429.2
60°	720.5	628.6	584.7	549.2	500.2	460.5	445.9	430.2	419.8	405.1	389.5
62.5°	630.7	552.4	519.0	485.5	443.8	412.5	395.7	383.2	369.6	360.2	346.7
65°	535.7	480.3	448.0	422.9	383.2	355.0	342.5	334.1	322.7	313.3	302.8
67.5°	446.9	403.1	389.5	362.3	332.0	307.0	297.6	287.1	277.8	272.5	263.1
70°	361.3	330.0	316.4	309.1	275.7	259.0	250.6	246.4	234.9	229.7	223.5
72.5°	279.8	268.4	259.0	249.6	227.6	217.2	207.8	203.6	195.3	191.1	189.0
75°	206.7	199.4	194.2	193.2	183.8	173.3	163.9	161.8	155.6	151.4	149.3
77.5°	145.1	143.1	142.0	143.1	136.8	130.5	128.4	126.3	119.0	118.0	118.0
80°	95.0	100.2	100.2	99.2	97.1	96.1	92.9	90.8	86.7	85.6	86.7
82.5°	58.5	61.6	62.7	64.7	63.7	62.7	60.6	59.5	60.6	58.5	59.5
85°	29.2	31.3	35.5	35.5	36.5	36.5	36.5	35.5	33.4	34.5	33.4
87.5°	11.5	12.5	12.5	12.5	11.5	14.6	15.7	15.7	15.7	13.6	13.6
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°	4.3	3.8	3.6	4.0	4.7	5.4	6.1	6.8	6.1	5.4	4.7
95°	14.7	17.7	19.2	19.3	19.6	19.8	20.1	20.3	20.1	19.8	19.6
97.5°	28.9	36.4	40.2	40.0	39.5	39.0	38.5	38.0	38.5	39.0	39.5
100°	60.9	60.6	60.4	60.3	60.1	59.8	59.6	59.4	59.6	59.8	60.1
102.5°	82.7	82.6	82.5	82.3	82.0	81.7	81.4	81.1	81.4	81.7	82.0
105°	105.9	105.9	105.9	105.7	105.4	105.1	104.8	104.5	104.8	105.1	105.4
107.5°	128.9	128.8	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7
110°	152.4	152.3	152.2	152.2	152.2	152.2	152.2	152.2	152.2	152.2	152.2

TEST NUMBER: P1027275

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	175.4	175.3	175.3	175.2	174.9	174.7	174.4	174.2	174.4	174.7	174.9
115°	198.1	198.0	198.0	197.8	197.4	197.1	196.7	196.3	196.7	197.1	197.4
117.5°	219.9	219.6	219.4	219.4	219.4	219.4	219.4	219.4	219.4	219.4	219.4
120°	240.7	240.4	240.3	240.3	240.4	240.5	240.6	240.7	240.6	240.5	240.4
122.5°	261.4	261.3	261.3	261.1	260.7	260.3	259.9	259.5	259.9	260.3	260.7
125°	281.6	281.6	281.6	281.3	280.8	280.2	279.7	279.1	279.7	280.2	280.8
127.5°	299.6	299.7	299.7	299.5	299.1	298.7	298.3	297.9	298.3	298.7	299.1
130°	316.9	316.8	316.8	316.6	316.2	315.8	315.4	315.0	315.4	315.8	316.2
132.5°	333.8	334.1	334.2	334.0	333.5	333.0	332.6	332.1	332.6	333.0	333.5
135°	350.0	350.1	350.2	350.0	349.5	349.0	348.6	348.1	348.6	349.0	349.5
137.5°	364.9	365.0	365.1	364.9	364.4	363.9	363.5	363.0	363.5	363.9	364.4
140°	378.2	378.3	378.3	378.2	378.1	377.9	377.8	377.6	377.8	377.9	378.1
142.5°	391.3	391.2	391.1	391.1	391.0	390.9	390.8	390.7	390.8	390.9	391.0
145°	404.2	404.2	404.2	404.1	404.0	403.8	403.7	403.5	403.7	403.8	404.0
147.5°	415.0	414.9	414.9	414.9	414.9	414.9	414.9	414.9	414.9	414.9	414.9
150°	425.1	425.0	424.9	425.0	425.1	425.3	425.4	425.6	425.4	425.3	425.1
152.5°	434.3	434.2	434.1	434.3	434.7	435.1	435.5	435.9	435.5	435.1	434.7
155°	442.5	442.4	442.3	442.5	443.0	443.5	443.9	444.4	443.9	443.5	443.0
157.5°	450.1	450.1	450.1	450.2	450.5	450.7	451.0	451.2	451.0	450.7	450.5
160°	456.3	456.2	456.2	456.4	456.9	457.4	457.8	458.3	457.8	457.4	456.9
162.5°	461.9	461.8	461.8	462.0	462.5	463.0	463.5	464.0	463.5	463.0	462.5
165°	466.9	466.8	466.8	467.0	467.5	468.0	468.5	469.0	468.5	468.0	467.5
167.5°	470.8	470.7	470.7	470.9	471.4	471.9	472.4	472.9	472.4	471.9	471.4
170°	473.7	473.6	473.6	473.9	474.4	475.0	475.5	476.1	475.5	475.0	474.4
172.5°	475.9	475.8	475.7	476.0	476.5	477.1	477.6	478.2	477.6	477.1	476.5
175°	477.6	477.5	477.5	477.7	478.2	478.7	479.1	479.6	479.1	478.7	478.2
177.5°	478.7	478.6	478.6	478.8	479.3	479.8	480.2	480.7	480.2	479.8	479.3
180°	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6

TEST NUMBER: P1027275

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8
2.5°	1255.1	1250.9	1247.8	1244.7	1231.1	1216.5	1214.4	1211.2	1205.0	1212.3	1209.2
5°	1222.7	1213.3	1208.1	1194.5	1177.8	1165.3	1154.9	1142.3	1137.1	1132.9	1131.9
7.5°	1183.1	1174.7	1165.3	1151.7	1130.8	1110.0	1094.3	1081.8	1071.3	1066.1	1066.1
10°	1144.4	1134.0	1121.4	1098.5	1078.6	1052.5	1035.8	1023.3	1008.7	1000.3	993.0
12.5°	1104.7	1093.3	1081.8	1052.5	1029.6	1002.4	978.4	962.7	955.4	946.0	933.5
15°	1065.1	1047.3	1035.8	1006.6	977.4	950.2	934.5	917.8	901.1	891.7	887.6
17.5°	1023.3	1010.8	992.0	960.6	928.3	904.3	881.3	865.6	845.8	836.4	827.0
20°	985.7	966.9	948.1	916.8	885.5	853.1	830.1	811.3	798.8	791.5	783.1
22.5°	940.8	923.1	907.4	874.0	839.5	809.2	784.2	772.7	760.2	748.7	740.3
25°	902.2	884.4	868.8	832.2	794.6	766.4	747.6	733.0	719.4	714.2	705.9
27.5°	861.4	844.7	823.9	787.3	753.9	729.9	710.0	696.5	686.0	675.6	669.3
30°	822.8	804.0	785.2	745.5	718.4	694.4	675.6	658.9	650.5	645.3	634.9
32.5°	785.2	761.2	745.5	709.0	682.9	659.9	644.3	629.6	619.2	609.8	601.4
35°	744.5	718.4	702.7	672.5	645.3	622.3	608.8	598.3	585.8	577.4	573.3
37.5°	705.9	683.9	668.3	636.9	609.8	591.0	576.4	562.8	557.6	546.1	544.0
40°	664.1	645.3	630.7	600.4	575.3	560.7	545.1	532.5	523.1	517.9	510.6
42.5°	626.5	610.8	595.2	567.0	543.0	525.2	513.7	502.3	493.9	485.5	480.3
45°	592.0	575.3	560.7	533.6	509.6	493.9	482.4	468.8	466.7	455.3	450.0
47.5°	555.5	540.9	528.4	500.2	478.2	462.6	449.0	439.6	430.2	426.0	418.7
50°	520.0	505.4	490.8	465.7	445.9	430.2	416.6	406.2	401.0	394.7	388.4
52.5°	481.4	469.9	458.4	432.3	412.5	398.9	387.4	373.8	368.6	363.4	359.2
55°	449.0	432.3	419.8	397.8	380.1	365.5	352.9	342.5	337.3	333.1	327.9
57.5°	405.1	394.7	384.3	364.4	347.7	333.1	320.6	312.2	305.9	302.8	303.9
60°	367.6	356.1	349.8	328.9	312.2	300.7	289.2	280.9	274.6	271.5	270.4
62.5°	327.9	319.5	308.0	293.4	276.7	266.3	257.9	251.6	241.2	240.2	237.0
65°	289.2	283.0	272.5	259.0	245.4	236.0	226.6	218.2	214.1	208.8	205.7
67.5°	251.6	245.4	236.0	224.5	215.1	205.7	197.3	189.0	181.7	177.5	175.4
70°	215.1	209.9	203.6	190.0	178.6	171.2	165.0	159.8	152.5	150.4	149.3
72.5°	179.6	174.4	171.2	159.8	149.3	143.1	136.8	131.6	128.4	127.4	124.3
75°	147.2	142.0	137.8	127.4	121.1	116.9	110.7	108.6	105.5	104.4	103.4
77.5°	114.9	109.6	108.6	101.3	94.0	91.9	89.8	85.6	85.6	85.6	83.5
80°	82.5	81.4	80.4	73.1	70.0	67.9	66.8	63.7	61.6	59.5	58.5
82.5°	55.3	54.3	53.3	50.1	47.0	45.9	44.9	42.8	42.8	43.9	41.8
85°	33.4	31.3	30.3	29.2	27.1	27.1	28.2	27.1	27.1	27.1	26.1
87.5°	12.5	12.5	12.5	12.5	13.6	11.5	12.5	12.5	11.5	11.5	10.4
90°	2.9	3.2	3.5	4.0	4.6	5.1	5.7	6.1	6.5	6.9	7.3
92.5°	4.0	3.6	3.8	4.3	4.8	5.2	5.7	6.1	6.5	6.9	7.3
95°	19.3	19.2	17.7	14.7	11.7	8.7	5.7	6.1	6.5	6.9	7.3
97.5°	40.0	40.2	36.4	28.9	21.4	13.9	6.4	6.6	6.7	6.9	7.0
100°	60.3	60.4	60.6	60.9	61.2	61.6	61.9	50.1	38.3	26.6	14.8
102.5°	82.3	82.5	82.6	82.7	82.9	83.0	83.2	83.4	83.5	83.7	83.8
105°	105.7	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9
107.5°	128.7	128.7	128.8	128.9	129.1	129.2	129.4	129.5	129.6	129.7	129.8
110°	152.2	152.2	152.3	152.4	152.6	152.7	152.9	152.7	152.4	152.2	151.9

TEST NUMBER: P1027275

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	175.2	175.3	175.3	175.4	175.5	175.5	175.6	175.3	175.0	174.7	174.4
115°	197.8	198.0	198.0	198.1	198.2	198.3	198.4	198.1	197.8	197.5	197.2
117.5°	219.4	219.4	219.6	219.9	220.2	220.5	220.8	220.3	219.9	219.4	218.9
120°	240.3	240.3	240.4	240.7	240.9	241.2	241.4	241.2	241.1	240.9	240.8
122.5°	261.1	261.3	261.3	261.4	261.5	261.6	261.7	261.5	261.4	261.2	261.1
125°	281.3	281.6	281.6	281.6	281.6	281.6	281.6	281.3	281.0	280.7	280.4
127.5°	299.5	299.7	299.7	299.6	299.5	299.5	299.4	299.2	299.1	298.9	298.8
130°	316.6	316.8	316.8	316.9	317.0	317.0	317.1	316.9	316.7	316.4	316.2
132.5°	334.0	334.2	334.1	333.8	333.6	333.3	333.1	333.1	333.1	333.1	333.1
135°	350.0	350.2	350.1	350.0	349.8	349.7	349.5	349.3	349.2	349.0	348.9
137.5°	364.9	365.1	365.0	364.9	364.7	364.6	364.4	364.4	364.4	364.4	364.4
140°	378.2	378.3	378.3	378.2	378.1	378.0	377.9	378.1	378.2	378.4	378.5
142.5°	391.1	391.1	391.2	391.3	391.5	391.6	391.8	391.8	391.8	391.8	391.8
145°	404.1	404.2	404.2	404.2	404.2	404.2	404.2	404.3	404.4	404.5	404.6
147.5°	414.9	414.9	414.9	415.0	415.1	415.2	415.3	415.4	415.4	415.5	415.6
150°	425.0	424.9	425.0	425.1	425.3	425.4	425.6	425.8	425.9	426.1	426.2
152.5°	434.3	434.1	434.2	434.3	434.5	434.6	434.8	435.0	435.1	435.3	435.4
155°	442.5	442.3	442.4	442.5	442.7	442.8	443.0	443.2	443.5	443.7	444.0
157.5°	450.2	450.1	450.1	450.1	450.1	450.1	450.1	450.3	450.6	450.8	451.1
160°	456.4	456.2	456.2	456.3	456.4	456.4	456.5	456.8	457.1	457.4	457.7
162.5°	462.0	461.8	461.8	461.9	462.0	462.1	462.2	462.7	463.1	463.6	464.1
165°	467.0	466.8	466.8	466.9	467.0	467.1	467.2	467.7	468.1	468.6	469.1
167.5°	470.9	470.7	470.7	470.8	470.9	471.0	471.1	471.7	472.2	472.8	473.3
170°	473.9	473.6	473.6	473.7	473.8	473.8	473.9	474.5	475.2	475.8	476.5
172.5°	476.0	475.7	475.8	475.9	476.1	476.2	476.4	477.0	477.5	478.1	478.6
175°	477.7	477.5	477.5	477.6	477.7	477.7	477.8	478.4	479.1	479.7	480.4
177.5°	478.8	478.6	478.6	478.7	478.8	478.8	478.9	479.5	480.0	480.6	481.1
180°	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6

TEST NUMBER: P1027275

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8
2.5°	1203.9	1206.0	1200.8	1198.7	1194.5	1199.8	1200.8	1199.8	1209.2	1205.0	1207.1
5°	1134.0	1129.8	1126.7	1119.4	1119.4	1120.4	1123.5	1118.3	1121.4	1128.8	1127.7
7.5°	1056.7	1054.6	1055.7	1047.3	1041.0	1043.1	1041.0	1050.4	1055.7	1053.6	1057.8
10°	986.7	990.9	981.5	977.4	973.2	977.4	976.3	978.4	984.7	988.8	996.1
12.5°	930.4	929.3	924.1	919.9	912.6	914.7	921.0	918.9	919.9	929.3	928.3
15°	877.1	870.8	866.7	857.3	859.4	852.1	858.3	865.6	868.8	877.1	882.3
17.5°	823.9	822.8	817.6	816.5	805.1	801.9	808.2	810.3	813.4	817.6	824.9
20°	779.0	777.9	770.6	768.5	759.1	765.4	763.3	767.5	769.6	777.9	781.0
22.5°	738.2	733.0	730.9	727.8	724.7	723.6	727.8	726.7	734.1	737.2	738.2
25°	700.6	696.5	695.4	690.2	688.1	685.0	688.1	691.2	699.6	702.7	706.9
27.5°	666.2	663.1	661.0	656.8	653.7	653.7	655.7	659.9	663.1	665.1	667.2
30°	634.9	632.8	626.5	624.4	621.3	621.3	621.3	623.4	628.6	634.9	638.0
32.5°	602.5	598.3	594.1	594.1	591.0	591.0	592.0	594.1	599.4	600.4	605.6
35°	571.2	567.0	563.9	561.8	562.8	558.6	560.7	563.9	570.1	572.2	575.3
37.5°	540.9	539.8	533.6	530.4	532.5	532.5	531.5	533.6	537.8	541.9	544.0
40°	507.5	505.4	505.4	502.3	503.3	499.1	502.3	504.3	506.4	510.6	513.7
42.5°	478.2	476.1	472.0	473.0	469.9	469.9	472.0	473.0	476.1	481.4	483.5
45°	446.9	446.9	444.8	441.7	442.7	439.6	441.7	442.7	446.9	452.1	450.0
47.5°	416.6	415.6	415.6	411.4	413.5	410.4	413.5	414.5	416.6	419.8	418.7
50°	387.4	384.3	385.3	384.3	383.2	383.2	385.3	385.3	387.4	387.4	390.5
52.5°	357.1	357.1	355.0	356.1	358.2	356.1	359.2	356.1	358.2	359.2	361.3
55°	330.0	327.9	328.9	327.9	332.0	328.9	332.0	330.0	332.0	331.0	333.1
57.5°	300.7	297.6	298.6	297.6	300.7	299.7	302.8	299.7	300.7	301.8	304.9
60°	267.3	267.3	267.3	265.2	268.4	268.4	267.3	267.3	271.5	273.6	272.5
62.5°	236.0	234.9	231.8	230.8	231.8	229.7	233.9	232.9	234.9	237.0	239.1
65°	201.5	199.4	198.4	196.3	196.3	195.3	196.3	200.5	201.5	202.6	207.8
67.5°	173.3	172.3	171.2	168.1	168.1	170.2	170.2	170.2	176.5	173.3	177.5
70°	148.3	146.2	144.1	143.1	143.1	144.1	145.1	146.2	145.1	149.3	150.4
72.5°	124.3	125.3	123.2	123.2	123.2	122.2	122.2	124.3	125.3	124.3	125.3
75°	103.4	103.4	102.3	103.4	103.4	102.3	102.3	104.4	104.4	103.4	106.5
77.5°	83.5	82.5	80.4	78.3	79.4	78.3	79.4	78.3	81.4	84.6	82.5
80°	58.5	57.4	57.4	57.4	58.5	57.4	59.5	57.4	58.5	58.5	59.5
82.5°	41.8	42.8	42.8	41.8	42.8	41.8	42.8	42.8	42.8	41.8	42.8
85°	27.1	27.1	27.1	27.1	26.1	27.1	27.1	27.1	28.2	27.1	28.2
87.5°	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	12.5	11.5	12.5
90°	7.5	7.6	7.8	8.1	8.3	8.5	8.3	8.1	7.8	7.6	7.5
92.5°	7.5	7.5	7.6	7.7	7.7	7.8	7.7	7.7	7.6	7.5	7.5
95°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
97.5°	7.1	7.1	7.2	7.3	7.4	7.5	7.4	7.3	7.2	7.1	7.1
100°	8.9	8.7	8.4	8.1	7.8	7.5	7.8	8.1	8.4	8.7	8.9
102.5°	83.9	80.6	73.9	67.3	60.6	54.0	60.6	67.3	73.9	80.6	83.9
105°	105.9	105.9	105.8	105.7	105.7	105.6	105.7	105.7	105.8	105.9	105.9
107.5°	129.8	129.6	129.3	129.0	128.6	128.3	128.6	129.0	129.3	129.6	129.8
110°	151.8	151.8	151.9	152.0	152.1	152.2	152.1	152.0	151.9	151.8	151.8

TEST NUMBER: P1027275

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	174.2	174.1	174.0	173.8	173.7	173.5	173.7	173.8	174.0	174.1	174.2
115°	197.0	196.8	196.3	195.8	195.3	194.8	195.3	195.8	196.3	196.8	197.0
117.5°	218.7	218.6	218.4	218.3	218.1	217.9	218.1	218.3	218.4	218.6	218.7
120°	240.7	240.5	240.1	239.7	239.3	238.9	239.3	239.7	240.1	240.5	240.7
122.5°	261.0	260.8	260.3	259.8	259.3	258.8	259.3	259.8	260.3	260.8	261.0
125°	280.2	280.1	279.8	279.6	279.3	279.1	279.3	279.6	279.8	280.1	280.2
127.5°	298.7	298.4	297.7	297.1	296.4	295.8	296.4	297.1	297.7	298.4	298.7
130°	316.1	315.9	315.5	315.1	314.7	314.3	314.7	315.1	315.5	315.9	316.1
132.5°	333.1	332.9	332.5	332.2	331.8	331.4	331.8	332.2	332.5	332.9	333.1
135°	348.8	348.6	348.1	347.6	347.1	346.6	347.1	347.6	348.1	348.6	348.8
137.5°	364.4	364.2	363.8	363.4	363.0	362.6	363.0	363.4	363.8	364.2	364.4
140°	378.6	378.4	377.9	377.4	377.0	376.5	377.0	377.4	377.9	378.4	378.6
142.5°	391.8	391.6	391.1	390.6	390.2	389.7	390.2	390.6	391.1	391.6	391.8
145°	404.6	404.4	403.9	403.4	403.0	402.5	403.0	403.4	403.9	404.4	404.6
147.5°	415.6	415.3	414.8	414.2	413.7	413.1	413.7	414.2	414.8	415.3	415.6
150°	426.3	426.0	425.3	424.7	424.0	423.4	424.0	424.7	425.3	426.0	426.3
152.5°	435.5	435.2	434.7	434.1	433.6	433.0	433.6	434.1	434.7	435.2	435.5
155°	444.1	443.8	443.1	442.5	441.8	441.2	441.8	442.5	443.1	443.8	444.1
157.5°	451.2	450.9	450.2	449.6	448.9	448.3	448.9	449.6	450.2	450.9	451.2
160°	457.9	457.6	457.0	456.3	455.7	455.1	455.7	456.3	457.0	457.6	457.9
162.5°	464.3	463.9	463.2	462.5	461.8	461.1	461.8	462.5	463.2	463.9	464.3
165°	469.3	469.0	468.4	467.7	467.1	466.5	467.1	467.7	468.4	469.0	469.3
167.5°	473.6	473.2	472.5	471.8	471.1	470.4	471.1	471.8	472.5	473.2	473.6
170°	476.8	476.4	475.7	475.0	474.3	473.6	474.3	475.0	475.7	476.4	476.8
172.5°	478.9	478.5	477.8	477.1	476.4	475.7	476.4	477.1	477.8	478.5	478.9
175°	480.7	480.3	479.6	478.9	478.2	477.5	478.2	478.9	479.6	480.3	480.7
177.5°	481.4	481.1	480.5	479.8	479.2	478.6	479.2	479.8	480.5	481.1	481.4
180°	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6

TEST NUMBER: P1027275

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8
2.5°	1202.9	1208.1	1203.9	1200.8	1209.2	1213.3	1213.3	1220.6	1228.0	1234.2	1235.3
5°	1128.8	1137.1	1139.2	1138.2	1150.7	1157.0	1170.5	1177.8	1188.3	1195.6	1203.9
7.5°	1060.9	1072.4	1073.4	1075.5	1094.3	1104.7	1116.2	1135.0	1149.6	1160.1	1169.5
10°	993.0	1000.3	1007.6	1017.0	1035.8	1053.6	1070.3	1090.1	1108.9	1119.4	1132.9
12.5°	941.9	947.1	955.4	961.7	981.5	997.2	1019.1	1046.3	1073.4	1081.8	1098.5
15°	888.6	891.7	908.4	914.7	931.4	957.5	971.1	997.2	1026.4	1042.1	1060.9
17.5°	827.0	845.8	856.2	863.5	884.4	905.3	927.2	954.4	992.0	1006.6	1020.2
20°	783.1	796.7	808.2	817.6	836.4	867.7	887.6	909.5	945.0	961.7	981.5
22.5°	744.5	756.0	766.4	776.9	789.4	817.6	840.6	870.8	906.3	922.0	945.0
25°	708.0	719.4	725.7	738.2	754.9	774.8	801.9	829.1	864.6	882.3	904.3
27.5°	672.5	683.9	695.4	705.9	717.4	736.1	754.9	789.4	825.9	846.8	865.6
30°	642.2	647.4	657.8	669.3	680.8	698.6	720.5	744.5	786.3	805.1	828.0
32.5°	608.8	618.2	625.5	633.8	648.4	663.1	682.9	713.2	746.6	764.3	789.4
35°	577.4	585.8	591.0	605.6	615.0	630.7	650.5	677.7	705.9	725.7	747.6
37.5°	547.2	555.5	561.8	570.1	582.7	596.2	617.1	636.9	670.4	687.1	712.1
40°	515.8	523.1	530.4	539.8	551.3	568.0	580.6	605.6	632.8	651.6	670.4
42.5°	485.5	489.7	498.1	508.5	520.0	534.6	552.4	572.2	599.4	616.1	632.8
45°	453.2	460.5	469.9	477.2	487.6	502.3	517.9	535.7	562.8	579.5	597.3
47.5°	422.9	428.1	434.4	445.9	459.4	469.9	486.6	503.3	528.4	544.0	560.7
50°	391.6	396.8	406.2	413.5	423.9	437.5	453.2	470.9	494.9	505.4	522.1
52.5°	362.3	364.4	373.8	381.1	391.6	407.2	419.8	435.4	458.4	469.9	486.6
55°	333.1	335.2	340.4	347.7	359.2	371.7	385.3	403.1	422.9	433.3	449.0
57.5°	302.8	304.9	310.1	315.3	326.8	338.3	354.0	368.6	388.4	397.8	412.5
60°	272.5	272.5	277.8	285.1	293.4	303.9	317.4	335.2	349.8	361.3	371.7
62.5°	240.2	243.3	246.4	251.6	261.0	273.6	285.1	297.6	315.3	323.7	333.1
65°	207.8	210.9	217.2	222.4	229.7	238.1	252.7	263.1	276.7	286.1	294.5
67.5°	179.6	182.7	186.9	193.2	198.4	207.8	218.2	228.7	243.3	249.6	255.8
70°	150.4	153.5	156.6	165.0	170.2	177.5	184.8	195.3	207.8	212.0	217.2
72.5°	127.4	128.4	132.6	134.7	142.0	148.3	156.6	162.9	172.3	177.5	181.7
75°	107.6	107.6	108.6	110.7	114.9	119.0	125.3	131.6	139.9	143.1	148.3
77.5°	84.6	87.7	86.7	88.8	90.8	92.9	98.2	102.3	110.7	112.8	114.9
80°	60.6	61.6	64.7	67.9	67.9	71.0	74.1	75.2	80.4	83.5	83.5
82.5°	43.9	44.9	43.9	44.9	45.9	47.0	50.1	54.3	54.3	55.3	57.4
85°	27.1	27.1	28.2	29.2	29.2	28.2	30.3	29.2	30.3	32.4	32.4
87.5°	13.6	12.5	12.5	12.5	12.5	12.5	13.6	12.5	13.6	13.6	13.6
90°	7.3	6.9	6.5	6.1	5.7	5.1	4.6	4.0	3.5	3.2	2.9
92.5°	7.3	6.9	6.5	6.1	5.7	5.2	4.8	4.3	3.8	3.6	4.0
95°	7.3	6.9	6.5	6.1	5.7	8.7	11.7	14.7	17.7	19.2	19.3
97.5°	7.0	6.9	6.7	6.6	6.4	13.9	21.4	28.9	36.4	40.2	40.0
100°	14.8	26.6	38.3	50.1	61.9	61.6	61.2	60.9	60.6	60.4	60.3
102.5°	83.8	83.7	83.5	83.4	83.2	83.0	82.9	82.7	82.6	82.5	82.3
105°	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.7
107.5°	129.8	129.7	129.6	129.5	129.4	129.2	129.1	128.9	128.8	128.7	128.7
110°	151.9	152.2	152.4	152.7	152.9	152.7	152.6	152.4	152.3	152.2	152.2

TEST NUMBER: P1027275

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	174.4	174.7	175.0	175.3	175.6	175.5	175.5	175.4	175.3	175.3	175.2
115°	197.2	197.5	197.8	198.1	198.4	198.3	198.2	198.1	198.0	198.0	197.8
117.5°	218.9	219.4	219.9	220.3	220.8	220.5	220.2	219.9	219.6	219.4	219.4
120°	240.8	240.9	241.1	241.2	241.4	241.2	240.9	240.7	240.4	240.3	240.3
122.5°	261.1	261.2	261.4	261.5	261.7	261.6	261.5	261.4	261.3	261.3	261.1
125°	280.4	280.7	281.0	281.3	281.6	281.6	281.6	281.6	281.6	281.6	281.3
127.5°	298.8	298.9	299.1	299.2	299.4	299.5	299.5	299.6	299.7	299.7	299.5
130°	316.2	316.4	316.7	316.9	317.1	317.0	317.0	316.9	316.8	316.8	316.6
132.5°	333.1	333.1	333.1	333.1	333.1	333.3	333.6	333.8	334.1	334.2	334.0
135°	348.9	349.0	349.2	349.3	349.5	349.7	349.8	350.0	350.1	350.2	350.0
137.5°	364.4	364.4	364.4	364.4	364.4	364.6	364.7	364.9	365.0	365.1	364.9
140°	378.5	378.4	378.2	378.1	377.9	378.0	378.1	378.2	378.3	378.3	378.2
142.5°	391.8	391.8	391.8	391.8	391.8	391.6	391.5	391.3	391.2	391.1	391.1
145°	404.6	404.5	404.4	404.3	404.2	404.2	404.2	404.2	404.2	404.2	404.1
147.5°	415.6	415.5	415.4	415.4	415.3	415.2	415.1	415.0	414.9	414.9	414.9
150°	426.2	426.1	425.9	425.8	425.6	425.4	425.3	425.1	425.0	424.9	425.0
152.5°	435.4	435.3	435.1	435.0	434.8	434.6	434.5	434.3	434.2	434.1	434.3
155°	444.0	443.7	443.5	443.2	443.0	442.8	442.7	442.5	442.4	442.3	442.5
157.5°	451.1	450.8	450.6	450.3	450.1	450.1	450.1	450.1	450.1	450.1	450.2
160°	457.7	457.4	457.1	456.8	456.5	456.4	456.4	456.3	456.2	456.2	456.4
162.5°	464.1	463.6	463.1	462.7	462.2	462.1	462.0	461.9	461.8	461.8	462.0
165°	469.1	468.6	468.1	467.7	467.2	467.1	467.0	466.9	466.8	466.8	467.0
167.5°	473.3	472.8	472.2	471.7	471.1	471.0	470.9	470.8	470.7	470.7	470.9
170°	476.5	475.8	475.2	474.5	473.9	473.8	473.8	473.7	473.6	473.6	473.9
172.5°	478.6	478.1	477.5	477.0	476.4	476.2	476.1	475.9	475.8	475.7	476.0
175°	480.4	479.7	479.1	478.4	477.8	477.7	477.7	477.6	477.5	477.5	477.7
177.5°	481.1	480.6	480.0	479.5	478.9	478.8	478.8	478.7	478.6	478.6	478.8
180°	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6

TEST NUMBER: P1027275

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1271.8	1271.8	1271.8	1271.8
2.5°	1242.6	1252.0	1261.4	1272.9
5°	1217.5	1234.2	1252.0	1268.7
7.5°	1190.4	1214.4	1237.4	1261.4
10°	1160.1	1190.4	1216.5	1249.9
12.5°	1126.7	1159.0	1195.6	1233.2
15°	1093.3	1134.0	1172.6	1215.4
17.5°	1061.9	1100.6	1143.4	1194.5
20°	1024.3	1067.2	1115.2	1169.5
22.5°	984.7	1031.6	1083.9	1142.3
25°	951.2	999.3	1049.4	1111.0
27.5°	914.7	964.8	1013.9	1079.7
30°	872.9	927.2	977.4	1045.2
32.5°	833.3	887.6	942.9	1006.6
35°	794.6	847.9	903.2	968.0
37.5°	758.1	806.1	860.4	918.9
40°	723.6	767.5	815.5	868.8
42.5°	679.8	730.9	775.8	814.5
45°	642.2	683.9	725.7	757.0
47.5°	598.3	640.1	675.6	700.6
50°	561.8	595.2	624.4	646.3
52.5°	517.9	549.2	573.3	590.0
55°	475.1	502.3	523.1	534.6
57.5°	436.5	454.2	469.9	480.3
60°	393.7	407.2	420.8	432.3
62.5°	347.7	362.3	369.6	382.2
65°	307.0	316.4	327.9	332.0
67.5°	267.3	272.5	279.8	288.2
70°	225.5	228.7	236.0	247.5
72.5°	189.0	192.1	197.3	201.5
75°	150.4	153.5	157.7	161.8
77.5°	118.0	119.0	121.1	125.3
80°	85.6	88.8	90.8	91.9
82.5°	59.5	60.6	60.6	61.6
85°	37.6	35.5	35.5	36.5
87.5°	13.6	15.7	15.7	17.8
90°	2.3	1.6	1.0	0.4
92.5°	4.7	5.4	6.1	6.8
95°	19.6	19.8	20.1	20.3
97.5°	39.5	39.0	38.5	38.0
100°	60.1	59.8	59.6	59.4
102.5°	82.0	81.7	81.4	81.1
105°	105.4	105.1	104.8	104.5
107.5°	128.7	128.7	128.7	128.7
110°	152.2	152.2	152.2	152.2

TEST NUMBER: P1027275

CATALOG NUMBER: S125RDIP-B850D375UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	174.9	174.7	174.4	174.2
115°	197.4	197.1	196.7	196.3
117.5°	219.4	219.4	219.4	219.4
120°	240.4	240.5	240.6	240.7
122.5°	260.7	260.3	259.9	259.5
125°	280.8	280.2	279.7	279.1
127.5°	299.1	298.7	298.3	297.9
130°	316.2	315.8	315.4	315.0
132.5°	333.5	333.0	332.6	332.1
135°	349.5	349.0	348.6	348.1
137.5°	364.4	363.9	363.5	363.0
140°	378.1	377.9	377.8	377.6
142.5°	391.0	390.9	390.8	390.7
145°	404.0	403.8	403.7	403.5
147.5°	414.9	414.9	414.9	414.9
150°	425.1	425.3	425.4	425.6
152.5°	434.7	435.1	435.5	435.9
155°	443.0	443.5	443.9	444.4
157.5°	450.5	450.7	451.0	451.2
160°	456.9	457.4	457.8	458.3
162.5°	462.5	463.0	463.5	464.0
165°	467.5	468.0	468.5	469.0
167.5°	471.4	471.9	472.4	472.9
170°	474.4	475.0	475.5	476.1
172.5°	476.5	477.1	477.6	478.2
175°	478.2	478.7	479.1	479.6
177.5°	479.3	479.8	480.2	480.7
180°	479.6	479.6	479.6	479.6

(END OF REPORT)