

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: P1034662

Luminaire Tested: S125DIW-B850D470UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1034662
REPORT IS A COMBINATION OF REPORTS P1004250 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIW-B850D470UB2750-4F0-XX-W2A-A_3500K
Description: Define 5 Direct/Indirect Wall Mount with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

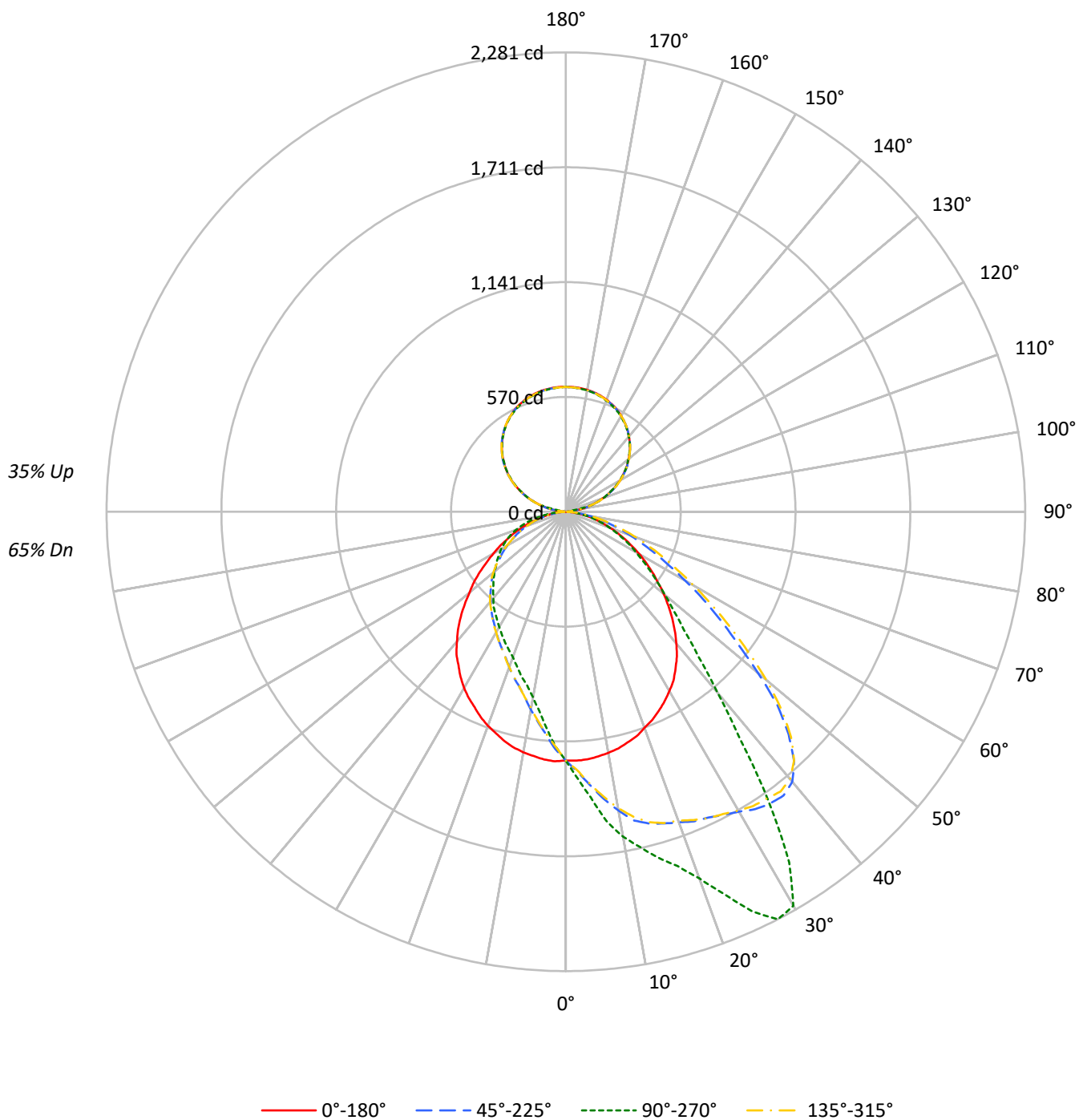
Lumens per Lamp: N/A
Luminaire Lumens: 5389.0 lumens
Efficiency: N/A
Efficacy: 109.8 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 49.1
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	111	111	111	111	104	104	104	104	91	91	91	80	80	80	70	70	70	65		
1	101	97	93	90	95	91	88	85	81	78	76	71	69	67	62	61	59	55		
2	93	85	79	74	87	80	75	70	71	67	63	63	60	57	55	53	50	47		
3	85	75	68	62	79	71	64	59	63	58	54	56	52	48	49	46	43	40		
4	78	67	59	53	73	63	56	50	56	50	46	50	45	42	44	40	37	34		
5	71	60	51	45	67	56	49	43	50	44	40	45	40	36	40	36	33	30		
6	66	54	45	39	62	51	43	38	45	39	35	41	36	32	36	32	29	26		
7	61	48	40	35	57	46	39	33	41	35	31	37	32	28	33	29	26	23		
8	57	44	36	31	53	42	35	30	38	32	27	34	29	25	30	26	23	21		
9	53	40	33	27	50	38	31	27	35	29	25	31	26	23	28	24	21	19		
10	49	37	30	25	46	35	28	24	32	26	22	29	24	21	26	22	19	17		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	7913	7913	7913	7913
5°	7919	8977	7926	6810
10°	7871	10231	7857	5845
15°	7813	11093	7764	5282
20°	7714	12156	7643	4822
25°	7627	13929	7488	4550
30°	7501	14695	7370	4303
35°	7301	11780	7148	4105
40°	6991	8142	6888	3895
45°	6599	6061	6525	3721
50°	6149	4990	6048	3582
55°	5664	4256	5619	3461
60°	5189	3643	5100	3367
65°	4676	3146	4602	3231
70°	4135	2612	4079	2992
75°	3562	2020	3514	2597
80°	2811	1366	2711	1909
85°	1801	683	1738	974

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 12086 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	118.9	2.2
10°-20°	354.0	6.6
20°-30°	575.1	10.7
30°-40°	702.9	13.0
40°-50°	637.5	11.8
50°-60°	507.8	9.4
60°-70°	353.7	6.6
70°-80°	188.4	3.5
80°-90°	47.6	0.9
90°-100°	21.0	0.4
100°-110°	139.8	2.6
110°-120°	251.8	4.7
120°-130°	323.2	6.0
130°-140°	347.6	6.5
140°-150°	326.2	6.1
150°-160°	263.9	4.9
160°-170°	170.7	3.2
170°-180°	58.9	1.1
0°-30°	1048.0	19.4
0°-40°	1750.8	32.5
0°-60°	2896.2	53.7
0°-90°	3485.9	64.7
90°-120°	412.6	7.7
90°-150°	1409.7	26.2
90°-180°	1903.0	35.3
0°-180°	5389.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1235	1235	1235	1235	1235	
5°	1234	1425	1235	1081	1234	117
15°	1186	1779	1178	847	1186	335
25°	1091	2189	1072	715	1091	503
35°	950	1757	930	612	950	593
45°	746	828	738	508	746	575
55°	525	511	521	415	525	470
65°	325	314	320	322	325	322
75°	157	154	155	198	157	167
85°	32	35	30	49	32	38
90°	0	11	0	11	0	3
95°	26	10	26	10	26	32
105°	135	136	135	136	135	143
115°	254	252	254	252	254	251
125°	360	360	360	360	360	322
135°	450	448	450	448	450	347
145°	521	520	521	520	521	326
155°	574	570	574	570	574	265
165°	606	602	606	602	606	171
175°	620	617	620	617	620	59
180°	620	620	620	620	620	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0
2.5°	1237.1	1244.4	1252.8	1259.1	1269.6	1272.7	1278.0	1281.1	1284.3	1287.4	1289.5
5°	1234.0	1251.8	1267.5	1279.0	1299.0	1306.3	1315.7	1327.3	1340.9	1352.4	1359.8
7.5°	1225.6	1253.9	1274.8	1297.9	1325.2	1343.0	1352.4	1376.5	1398.6	1415.3	1437.3
10°	1215.1	1248.6	1281.1	1315.7	1354.5	1374.4	1393.3	1426.9	1457.3	1484.5	1506.5
12.5°	1203.6	1244.4	1283.2	1328.3	1380.7	1404.8	1417.4	1475.1	1512.8	1527.5	1570.5
15°	1185.7	1234.0	1289.5	1345.1	1389.1	1417.4	1452.0	1498.1	1535.9	1568.4	1603.0
17.5°	1169.0	1221.4	1278.0	1339.8	1403.8	1440.5	1466.7	1507.6	1548.5	1590.4	1622.9
20°	1141.7	1209.8	1267.5	1333.6	1409.0	1435.2	1462.5	1510.7	1554.8	1599.8	1640.7
22.5°	1119.7	1184.7	1263.3	1326.2	1390.2	1416.4	1449.9	1500.2	1552.7	1604.0	1663.8
25°	1091.4	1163.7	1231.9	1299.0	1365.0	1393.3	1423.7	1488.7	1543.2	1609.3	1675.3
27.5°	1061.0	1135.4	1203.6	1264.4	1326.2	1365.0	1397.5	1465.6	1538.0	1610.3	1696.3
30°	1028.5	1098.7	1163.7	1223.5	1291.6	1331.5	1364.0	1443.6	1524.4	1616.6	1719.4
32.5°	993.9	1059.9	1115.5	1176.3	1248.6	1285.3	1329.4	1416.4	1511.8	1621.9	1750.8
35°	949.8	1012.7	1062.0	1123.9	1196.2	1243.4	1289.5	1387.0	1498.1	1620.8	1768.6
37.5°	905.8	955.1	1002.3	1068.3	1152.2	1195.2	1243.4	1350.3	1477.2	1617.7	1776.0
40°	853.4	901.6	942.5	1009.6	1097.7	1146.9	1197.3	1309.4	1453.1	1606.1	1749.8
42.5°	801.0	841.9	886.9	957.2	1042.1	1094.5	1148.0	1272.7	1421.6	1572.6	1677.4
45°	746.5	777.9	827.2	891.1	981.3	1031.6	1092.4	1227.7	1377.6	1511.8	1564.2
47.5°	689.8	721.3	767.4	829.3	918.4	978.1	1035.8	1171.1	1322.0	1425.8	1425.8
50°	635.3	660.5	705.6	767.4	857.6	912.1	970.8	1114.4	1236.1	1312.6	1244.4
52.5°	576.6	604.9	642.7	707.7	796.8	846.1	910.0	1032.7	1148.0	1179.4	1074.6
55°	525.2	548.3	584.0	645.8	728.6	780.0	834.5	951.9	1049.4	1047.3	935.2
57.5°	471.8	490.6	528.4	585.0	661.5	707.7	762.2	863.9	943.6	915.2	809.4
60°	422.5	436.1	472.8	519.0	592.3	635.3	687.7	770.6	831.4	791.5	684.6
62.5°	371.1	386.9	416.2	461.3	526.3	560.9	599.7	683.6	722.3	686.7	577.7
65°	325.0	337.6	363.8	401.5	460.2	491.7	525.2	594.4	631.1	579.8	489.6
67.5°	278.9	293.5	312.4	346.0	392.1	421.5	450.8	510.6	527.3	481.2	405.7
70°	235.9	248.5	266.3	290.4	329.2	355.4	377.4	426.7	438.2	395.2	335.5
72.5°	194.0	202.3	217.0	236.9	272.6	287.3	310.3	343.9	358.5	319.8	276.8
75°	157.3	163.5	173.0	187.7	211.8	227.5	246.4	277.8	276.8	249.5	219.1
77.5°	121.6	122.7	133.1	146.8	161.5	175.1	184.5	206.5	208.6	191.9	166.7
80°	87.0	90.2	94.4	104.8	117.4	122.7	134.2	147.8	149.9	137.3	120.6
82.5°	55.6	57.7	60.8	67.1	75.5	81.8	88.1	93.3	98.5	91.2	77.6
85°	31.5	32.5	35.6	37.7	41.9	45.1	50.3	55.6	54.5	49.3	45.1
87.5°	15.7	15.7	15.7	17.8	19.9	19.9	22.0	23.1	24.1	22.0	19.9
90°	0.5	1.3	2.1	2.9	3.7	4.1	4.5	5.2	5.9	6.6	7.3
92.5°	8.7	7.8	6.9	6.0	5.1	4.6	4.9	5.5	6.1	6.7	7.3
95°	26.2	25.9	25.6	25.3	25.0	24.8	22.9	19.0	15.1	11.2	7.3
97.5°	49.1	49.7	50.3	51.0	51.6	51.9	47.1	37.4	27.7	18.0	8.3
100°	76.7	77.0	77.3	77.6	77.9	78.1	78.3	78.7	79.1	79.5	79.9
102.5°	104.7	105.1	105.5	105.9	106.3	106.5	106.6	106.8	107.1	107.3	107.5
105°	135.0	135.4	135.8	136.3	136.7	136.9	136.9	136.9	136.9	136.9	136.9
107.5°	166.3	166.3	166.3	166.3	166.3	166.3	166.4	166.6	166.8	167.0	167.2
110°	196.6	196.6	196.6	196.6	196.6	196.6	196.7	196.9	197.1	197.3	197.5



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	225.0	225.3	225.6	225.9	226.2	226.4	226.5	226.6	226.7	226.8	226.9
115°	253.5	254.0	254.5	255.0	255.5	255.8	255.9	256.0	256.1	256.2	256.3
117.5°	283.4	283.4	283.4	283.4	283.4	283.4	283.6	284.0	284.4	284.8	285.2
120°	310.9	310.8	310.7	310.6	310.5	310.5	310.6	310.9	311.2	311.5	311.8
122.5°	335.3	335.8	336.3	336.8	337.3	337.6	337.6	337.7	337.8	337.9	338.0
125°	360.5	361.2	361.9	362.6	363.3	363.7	363.7	363.7	363.7	363.7	363.7
127.5°	384.9	385.4	385.9	386.4	386.9	387.2	387.1	387.0	386.9	386.8	386.7
130°	406.9	407.4	407.9	408.4	408.9	409.2	409.3	409.4	409.5	409.6	409.7
132.5°	428.9	429.5	430.1	430.8	431.4	431.7	431.5	431.2	430.9	430.6	430.3
135°	449.6	450.2	450.8	451.5	452.1	452.4	452.3	452.1	451.8	451.6	451.4
137.5°	468.9	469.5	470.1	470.8	471.4	471.7	471.6	471.4	471.1	470.9	470.7
140°	487.7	487.9	488.1	488.3	488.5	488.6	488.6	488.5	488.4	488.3	488.2
142.5°	504.7	504.8	504.9	505.0	505.1	505.2	505.3	505.5	505.7	505.9	506.1
145°	521.3	521.5	521.7	521.9	522.1	522.2	522.2	522.2	522.2	522.2	522.2
147.5°	536.0	536.0	536.0	536.0	536.0	536.0	536.0	536.1	536.2	536.3	536.4
150°	549.7	549.5	549.3	549.1	548.9	548.8	548.9	549.1	549.3	549.5	549.7
152.5°	563.0	562.5	562.0	561.5	561.0	560.8	560.9	561.1	561.3	561.5	561.7
155°	574.1	573.5	572.9	572.2	571.6	571.3	571.4	571.6	571.8	572.0	572.2
157.5°	582.8	582.5	582.2	581.9	581.6	581.4	581.4	581.4	581.4	581.4	581.4
160°	592.0	591.4	590.8	590.1	589.5	589.2	589.3	589.4	589.5	589.6	589.7
162.5°	599.3	598.7	598.1	597.5	596.9	596.6	596.6	596.7	596.8	596.9	597.0
165°	605.8	605.2	604.6	603.9	603.3	603.0	603.1	603.2	603.3	603.4	603.5
167.5°	610.8	610.2	609.6	609.0	608.4	608.1	608.1	608.2	608.3	608.4	608.5
170°	614.9	614.2	613.5	612.8	612.1	611.7	611.8	611.9	612.0	612.1	612.2
172.5°	617.7	617.0	616.3	615.6	614.9	614.5	614.6	614.8	615.0	615.2	615.4
175°	619.5	618.9	618.3	617.7	617.1	616.8	616.8	616.9	617.0	617.1	617.2
177.5°	620.9	620.3	619.7	619.1	618.5	618.2	618.2	618.3	618.4	618.5	618.6
180°	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0
2.5°	1291.6	1299.0	1305.2	1310.5	1314.7	1321.0	1316.8	1317.8	1319.9	1324.1	1324.1
5°	1375.5	1387.0	1393.3	1414.3	1419.5	1418.5	1415.3	1432.1	1431.1	1424.8	1423.7
7.5°	1457.3	1477.2	1495.0	1511.8	1517.0	1530.6	1533.8	1541.1	1539.0	1549.5	1544.3
10°	1531.7	1563.1	1579.9	1605.1	1611.4	1617.7	1626.1	1630.2	1639.7	1638.6	1638.6
12.5°	1589.4	1627.1	1649.1	1655.4	1679.5	1686.9	1694.2	1707.8	1704.7	1705.7	1712.0
15°	1634.4	1671.1	1690.0	1719.4	1736.1	1744.5	1757.1	1771.8	1769.7	1779.1	1777.0
17.5°	1668.0	1702.6	1737.2	1781.2	1782.3	1804.3	1833.6	1839.9	1853.6	1844.1	1844.1
20°	1695.2	1741.4	1790.6	1847.3	1853.6	1867.2	1902.8	1926.9	1942.7	1937.4	1940.6
22.5°	1724.6	1790.6	1848.3	1904.9	1935.3	1959.4	1994.0	2031.8	2045.4	2053.8	2051.7
25°	1762.3	1831.5	1916.5	1995.1	2026.5	2072.7	2118.8	2155.5	2166.0	2189.0	2168.1
27.5°	1801.1	1898.6	2004.5	2096.8	2136.6	2174.4	2229.9	2257.2	2270.8	2281.3	2274.0
30°	1833.6	1967.8	2083.2	2168.1	2196.4	2218.4	2249.8	2256.1	2250.9	2259.3	2269.8
32.5°	1884.0	2015.0	2112.5	2153.4	2150.2	2149.2	2125.1	2091.5	2084.2	2064.3	2091.5
35°	1911.2	2016.1	2053.8	1999.3	1977.3	1937.4	1860.9	1810.6	1766.5	1757.1	1759.2
37.5°	1895.5	1936.4	1891.3	1747.7	1712.0	1651.2	1549.5	1478.2	1445.7	1420.6	1453.1
40°	1810.6	1765.5	1641.8	1466.7	1415.3	1357.7	1262.3	1223.5	1177.3	1167.9	1210.9
42.5°	1670.1	1532.7	1357.7	1222.4	1169.0	1136.5	1056.8	1020.1	987.6	972.9	997.0
45°	1479.3	1312.6	1136.5	1025.3	980.2	941.5	894.3	855.5	834.5	828.2	848.1
47.5°	1282.2	1106.1	965.6	882.7	835.6	806.2	762.2	740.2	723.4	725.5	728.6
50°	1093.5	933.1	825.1	742.3	719.2	696.1	666.8	647.9	639.5	642.7	640.6
52.5°	931.0	801.0	709.8	645.8	635.3	613.3	589.2	573.5	570.3	571.4	574.5
55°	788.4	686.7	614.4	568.2	556.7	541.0	526.3	515.8	507.4	510.6	509.5
57.5°	680.4	591.3	535.7	498.0	489.6	480.2	466.5	461.3	458.1	451.9	457.1
60°	585.0	512.7	464.4	441.4	434.0	427.7	413.1	406.8	404.7	401.5	409.9
62.5°	494.8	443.5	406.8	385.8	378.5	372.2	364.8	359.6	360.6	356.5	360.6
65°	423.5	381.6	355.4	336.5	327.1	322.9	321.9	313.5	312.4	313.5	314.5
67.5°	357.5	321.9	301.9	290.4	283.1	278.9	275.7	270.5	274.7	271.5	273.6
70°	297.7	273.6	252.7	241.1	238.0	239.0	233.8	231.7	232.7	230.6	232.7
72.5°	240.1	220.2	211.8	203.4	199.2	198.1	195.0	191.9	195.0	194.0	194.0
75°	191.9	177.2	167.7	162.5	162.5	160.4	155.2	155.2	155.2	154.1	155.2
77.5°	147.8	135.2	131.0	125.8	125.8	122.7	121.6	121.6	119.5	122.7	120.6
80°	110.1	100.6	94.4	91.2	91.2	90.2	88.1	87.0	88.1	87.0	87.0
82.5°	71.3	67.1	64.0	60.8	59.8	60.8	59.8	57.7	58.7	57.7	59.8
85°	40.9	36.7	36.7	34.6	35.6	33.5	34.6	32.5	31.5	34.6	32.5
87.5°	17.8	16.8	16.8	14.7	14.7	14.7	13.6	14.7	13.6	12.6	13.6
90°	7.8	8.3	8.8	9.3	9.6	9.8	10.1	10.4	10.7	11.0	10.7
92.5°	7.8	8.3	8.8	9.3	9.6	9.7	9.8	9.9	10.0	10.1	10.0
95°	7.8	8.3	8.8	9.3	9.6	9.6	9.6	9.6	9.6	9.6	9.6
97.5°	8.5	8.7	8.9	9.1	9.2	9.2	9.3	9.4	9.5	9.6	9.5
100°	64.7	49.5	34.3	19.1	11.5	11.3	10.9	10.4	10.0	9.6	10.0
102.5°	107.7	107.9	108.1	108.3	108.4	104.1	95.5	87.0	78.4	69.8	78.4
105°	136.9	136.9	136.9	136.9	136.9	136.8	136.7	136.6	136.5	136.4	136.5
107.5°	167.3	167.4	167.5	167.6	167.6	167.4	167.0	166.6	166.2	165.8	166.2
110°	197.2	196.9	196.6	196.3	196.1	196.2	196.3	196.4	196.5	196.6	196.5

TEST NUMBER: P1034662

CATALOG NUMBER: S125DIW-B850D470UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	226.5	226.1	225.6	225.2	225.0	224.9	224.7	224.5	224.3	224.1	224.3
115°	255.9	255.5	255.0	254.6	254.4	254.1	253.5	252.9	252.3	251.7	252.3
117.5°	284.6	284.0	283.3	282.7	282.4	282.3	282.1	281.9	281.7	281.5	281.7
120°	311.6	311.4	311.2	311.0	310.9	310.6	310.1	309.6	309.1	308.6	309.1
122.5°	337.8	337.6	337.4	337.2	337.1	336.8	336.2	335.5	334.9	334.3	334.9
125°	363.3	362.9	362.5	362.1	361.9	361.7	361.4	361.1	360.8	360.5	360.8
127.5°	386.5	386.3	386.1	385.9	385.8	385.4	384.6	383.7	382.9	382.1	382.9
130°	409.4	409.1	408.8	408.5	408.3	408.0	407.5	407.0	406.5	406.0	406.5
132.5°	430.3	430.3	430.3	430.3	430.3	430.0	429.5	429.0	428.5	428.0	428.5
135°	451.2	451.0	450.8	450.6	450.5	450.2	449.6	449.0	448.4	447.8	448.4
137.5°	470.7	470.7	470.7	470.7	470.7	470.4	469.9	469.4	468.9	468.4	468.9
140°	488.4	488.6	488.8	489.0	489.1	488.8	488.2	487.6	487.0	486.4	487.0
142.5°	506.1	506.1	506.1	506.1	506.1	505.8	505.2	504.5	503.9	503.3	503.9
145°	522.3	522.4	522.5	522.6	522.6	522.3	521.7	521.1	520.5	519.9	520.5
147.5°	536.5	536.6	536.7	536.8	536.9	536.5	535.8	535.1	534.4	533.7	534.4
150°	549.9	550.1	550.3	550.5	550.6	550.2	549.4	548.6	547.8	547.0	547.8
152.5°	561.9	562.1	562.3	562.5	562.6	562.2	561.5	560.8	560.1	559.4	560.1
155°	572.5	572.8	573.1	573.4	573.6	573.2	572.4	571.5	570.7	569.9	570.7
157.5°	581.7	582.0	582.3	582.6	582.8	582.4	581.6	580.7	579.9	579.1	579.9
160°	590.1	590.5	590.9	591.3	591.5	591.1	590.3	589.4	588.6	587.8	588.6
162.5°	597.6	598.2	598.9	599.5	599.8	599.3	598.4	597.5	596.6	595.7	596.6
165°	604.1	604.7	605.3	605.9	606.2	605.8	605.0	604.1	603.3	602.5	603.3
167.5°	609.2	609.9	610.6	611.3	611.7	611.2	610.3	609.4	608.5	607.6	608.5
170°	613.0	613.8	614.7	615.5	615.9	615.4	614.5	613.6	612.6	611.7	612.6
172.5°	616.1	616.8	617.5	618.2	618.6	618.1	617.2	616.3	615.4	614.5	615.4
175°	618.0	618.8	619.7	620.5	620.9	620.4	619.5	618.6	617.7	616.8	617.7
177.5°	619.3	620.0	620.7	621.4	621.8	621.4	620.6	619.8	619.0	618.2	619.0
180°	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5

TEST NUMBER: P1034662

CATALOG NUMBER: S125DIW-B850D470UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0
2.5°	1322.0	1314.7	1316.8	1314.7	1309.4	1306.3	1297.9	1287.4	1283.2	1278.0	1274.8
5°	1427.9	1422.7	1421.6	1413.2	1411.1	1398.6	1377.6	1367.1	1354.5	1341.9	1329.4
7.5°	1543.2	1536.9	1516.0	1512.8	1514.9	1499.2	1471.9	1451.0	1424.8	1406.9	1382.8
10°	1638.6	1626.1	1608.2	1609.3	1601.9	1581.0	1553.7	1531.7	1494.0	1470.9	1436.3
12.5°	1696.3	1685.8	1683.7	1673.2	1666.9	1639.7	1607.2	1578.9	1550.6	1519.1	1492.9
15°	1766.5	1752.9	1743.5	1728.8	1724.6	1696.3	1660.6	1628.1	1595.6	1566.3	1510.7
17.5°	1844.1	1829.4	1793.8	1790.6	1765.5	1738.2	1703.6	1655.4	1620.8	1578.9	1538.0
20°	1932.2	1911.2	1865.1	1853.6	1833.6	1788.6	1741.4	1687.9	1632.3	1589.4	1541.1
22.5°	2030.7	1994.0	1960.5	1923.8	1909.1	1853.6	1788.6	1723.6	1656.5	1597.7	1540.1
25°	2158.6	2110.4	2063.2	2026.5	2001.4	1929.0	1842.0	1756.1	1678.5	1601.9	1526.5
27.5°	2259.3	2217.3	2166.0	2117.7	2085.2	1999.3	1899.7	1788.6	1692.1	1598.8	1518.1
30°	2266.6	2254.0	2222.6	2196.4	2160.7	2068.5	1958.4	1832.6	1713.1	1599.8	1501.3
32.5°	2129.3	2154.4	2168.1	2172.3	2164.9	2111.5	2010.8	1872.4	1731.9	1590.4	1486.6
35°	1833.6	1900.7	1983.6	2015.0	2045.4	2073.7	2021.3	1900.7	1738.2	1588.3	1463.6
37.5°	1509.7	1570.5	1707.8	1770.7	1806.4	1918.6	1961.5	1896.5	1750.8	1590.4	1441.5
40°	1218.2	1314.7	1413.2	1498.1	1553.7	1679.5	1812.7	1827.3	1733.0	1570.5	1413.2
42.5°	1025.3	1081.9	1156.4	1235.0	1284.3	1433.1	1613.5	1719.4	1677.4	1538.0	1378.6
45°	873.3	915.2	985.5	1011.7	1074.6	1217.2	1408.0	1561.1	1582.0	1486.6	1338.8
47.5°	749.6	785.2	830.3	862.8	913.1	1020.1	1181.5	1350.3	1451.0	1416.4	1283.2
50°	660.5	689.8	727.6	746.5	779.0	875.4	997.0	1164.8	1300.0	1311.5	1210.9
52.5°	586.0	602.8	632.2	653.1	679.4	738.1	848.1	986.5	1138.6	1201.5	1121.8
55°	521.0	534.7	560.9	574.5	588.1	638.5	724.4	850.2	992.8	1075.6	1030.6
57.5°	462.3	473.9	495.9	508.5	515.8	564.0	630.1	728.6	856.5	957.2	932.0
60°	414.1	424.6	437.2	446.6	455.0	494.8	541.0	620.6	734.9	832.4	826.1
62.5°	362.7	372.2	385.8	395.2	402.6	427.7	466.5	527.3	624.8	715.0	732.8
65°	317.7	325.0	334.4	338.6	348.1	366.9	398.4	452.9	532.6	613.3	625.9
67.5°	276.8	278.9	285.2	294.6	296.7	313.5	341.8	382.7	444.5	510.6	530.5
70°	232.7	235.9	241.1	248.5	252.7	263.1	287.3	314.5	368.0	425.6	440.3
72.5°	194.0	198.1	200.2	204.4	206.5	223.3	233.8	261.0	297.7	346.0	361.7
75°	157.3	161.5	162.5	164.6	166.7	174.0	188.7	205.5	235.9	267.3	288.3
77.5°	124.8	123.7	125.8	129.0	127.9	134.2	143.6	158.3	178.2	204.4	218.1
80°	88.1	88.1	91.2	94.4	93.3	99.6	102.7	113.2	130.0	146.8	152.0
82.5°	58.7	58.7	61.9	61.9	64.0	65.0	69.2	74.4	88.1	96.5	99.6
85°	33.5	33.5	34.6	34.6	34.6	36.7	39.8	41.9	46.1	51.4	53.5
87.5°	13.6	14.7	14.7	14.7	14.7	16.8	16.8	18.9	19.9	22.0	22.0
90°	10.4	10.1	9.8	9.6	9.3	8.8	8.3	7.8	7.3	6.6	5.9
92.5°	9.9	9.8	9.7	9.6	9.3	8.8	8.3	7.8	7.3	6.7	6.1
95°	9.6	9.6	9.6	9.6	9.3	8.8	8.3	7.8	7.3	11.2	15.1
97.5°	9.4	9.3	9.2	9.2	9.1	8.9	8.7	8.5	8.3	18.0	27.7
100°	10.4	10.9	11.3	11.5	19.1	34.3	49.5	64.7	79.9	79.5	79.1
102.5°	87.0	95.5	104.1	108.4	108.3	108.1	107.9	107.7	107.5	107.3	107.1
105°	136.6	136.7	136.8	136.9	136.9	136.9	136.9	136.9	136.9	136.9	136.9
107.5°	166.6	167.0	167.4	167.6	167.6	167.5	167.4	167.3	167.2	167.0	166.8
110°	196.4	196.3	196.2	196.1	196.3	196.6	196.9	197.2	197.5	197.3	197.1

TEST NUMBER: P1034662

CATALOG NUMBER: S125DIW-B850D470UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	224.5	224.7	224.9	225.0	225.2	225.6	226.1	226.5	226.9	226.8	226.7
115°	252.9	253.5	254.1	254.4	254.6	255.0	255.5	255.9	256.3	256.2	256.1
117.5°	281.9	282.1	282.3	282.4	282.7	283.3	284.0	284.6	285.2	284.8	284.4
120°	309.6	310.1	310.6	310.9	311.0	311.2	311.4	311.6	311.8	311.5	311.2
122.5°	335.5	336.2	336.8	337.1	337.2	337.4	337.6	337.8	338.0	337.9	337.8
125°	361.1	361.4	361.7	361.9	362.1	362.5	362.9	363.3	363.7	363.7	363.7
127.5°	383.7	384.6	385.4	385.8	385.9	386.1	386.3	386.5	386.7	386.8	386.9
130°	407.0	407.5	408.0	408.3	408.5	408.8	409.1	409.4	409.7	409.6	409.5
132.5°	429.0	429.5	430.0	430.3	430.3	430.3	430.3	430.3	430.3	430.6	430.9
135°	449.0	449.6	450.2	450.5	450.6	450.8	451.0	451.2	451.4	451.6	451.8
137.5°	469.4	469.9	470.4	470.7	470.7	470.7	470.7	470.7	470.7	470.9	471.1
140°	487.6	488.2	488.8	489.1	489.0	488.8	488.6	488.4	488.2	488.3	488.4
142.5°	504.5	505.2	505.8	506.1	506.1	506.1	506.1	506.1	506.1	505.9	505.7
145°	521.1	521.7	522.3	522.6	522.6	522.5	522.4	522.3	522.2	522.2	522.2
147.5°	535.1	535.8	536.5	536.9	536.8	536.7	536.6	536.5	536.4	536.3	536.2
150°	548.6	549.4	550.2	550.6	550.5	550.3	550.1	549.9	549.7	549.5	549.3
152.5°	560.8	561.5	562.2	562.6	562.5	562.3	562.1	561.9	561.7	561.5	561.3
155°	571.5	572.4	573.2	573.6	573.4	573.1	572.8	572.5	572.2	572.0	571.8
157.5°	580.7	581.6	582.4	582.8	582.6	582.3	582.0	581.7	581.4	581.4	581.4
160°	589.4	590.3	591.1	591.5	591.3	590.9	590.5	590.1	589.7	589.6	589.5
162.5°	597.5	598.4	599.3	599.8	599.5	598.9	598.2	597.6	597.0	596.9	596.8
165°	604.1	605.0	605.8	606.2	605.9	605.3	604.7	604.1	603.5	603.4	603.3
167.5°	609.4	610.3	611.2	611.7	611.3	610.6	609.9	609.2	608.5	608.4	608.3
170°	613.6	614.5	615.4	615.9	615.5	614.7	613.8	613.0	612.2	612.1	612.0
172.5°	616.3	617.2	618.1	618.6	618.2	617.5	616.8	616.1	615.4	615.2	615.0
175°	618.6	619.5	620.4	620.9	620.5	619.7	618.8	618.0	617.2	617.1	617.0
177.5°	619.8	620.6	621.4	621.8	621.4	620.7	620.0	619.3	618.6	618.5	618.4
180°	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5

TEST NUMBER: P1034662

CATALOG NUMBER: S125DIW-B850D470UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0
2.5°	1270.6	1265.4	1259.1	1259.1	1251.8	1248.6	1242.3	1240.2	1235.0	1226.6	1220.3
5°	1315.7	1302.1	1293.7	1286.4	1270.6	1259.1	1247.6	1235.0	1222.4	1207.7	1191.0
7.5°	1359.8	1334.6	1323.1	1310.5	1287.4	1263.3	1240.2	1223.5	1206.7	1183.6	1162.7
10°	1405.9	1374.4	1353.5	1336.7	1301.1	1270.6	1237.1	1213.0	1186.8	1157.4	1130.2
12.5°	1444.7	1403.8	1386.0	1354.5	1313.6	1276.9	1235.0	1198.3	1163.7	1129.1	1095.6
15°	1477.2	1438.4	1394.4	1381.8	1325.2	1272.7	1225.6	1178.4	1135.4	1100.8	1062.0
17.5°	1487.7	1438.4	1416.4	1386.0	1318.9	1264.4	1204.6	1153.2	1112.3	1061.0	1030.6
20°	1490.8	1443.6	1413.2	1384.9	1325.2	1252.8	1194.1	1131.2	1081.9	1030.6	982.3
22.5°	1482.4	1426.9	1397.5	1370.2	1303.1	1241.3	1173.1	1104.0	1046.3	999.1	950.9
25°	1466.7	1401.7	1373.4	1344.0	1280.1	1211.9	1137.5	1071.5	1018.0	961.4	914.2
27.5°	1445.7	1371.3	1338.8	1308.4	1245.5	1181.5	1111.3	1043.1	983.4	923.6	879.6
30°	1419.5	1333.6	1304.2	1264.4	1203.6	1142.7	1078.8	1010.6	943.6	886.9	838.7
32.5°	1386.0	1295.8	1257.0	1219.3	1153.2	1097.7	1036.9	972.9	907.9	852.3	802.0
35°	1355.6	1252.8	1209.8	1172.1	1098.7	1040.0	989.7	929.9	872.3	814.6	769.5
37.5°	1314.7	1209.8	1158.5	1119.7	1045.2	985.5	938.3	892.2	831.4	775.8	733.9
40°	1271.7	1156.4	1108.1	1069.4	991.8	926.8	881.7	840.8	791.5	740.2	696.1
42.5°	1232.9	1105.0	1053.6	1006.5	927.8	870.2	824.0	792.6	747.5	701.4	661.5
45°	1183.6	1050.5	994.9	945.6	870.2	807.3	763.2	738.1	704.5	659.4	624.8
47.5°	1133.3	991.8	934.1	885.9	804.1	748.6	705.6	681.5	658.4	622.7	588.1
50°	1067.3	929.9	877.5	821.9	741.2	684.6	649.0	624.8	607.0	581.9	552.5
52.5°	994.9	866.0	809.4	761.1	681.5	630.1	589.2	575.6	557.7	538.9	513.7
55°	918.4	796.8	742.3	695.1	621.7	569.3	535.7	521.0	507.4	492.7	476.0
57.5°	841.9	724.4	673.1	631.1	563.0	512.7	485.4	465.5	456.0	447.7	434.0
60°	746.5	646.9	607.0	569.3	502.2	456.0	429.8	415.2	406.8	402.6	396.3
62.5°	662.6	580.8	536.8	500.1	446.6	405.7	380.6	369.0	361.7	359.6	352.3
65°	573.5	503.2	468.6	437.2	391.0	354.4	333.4	319.8	314.5	313.5	313.5
67.5°	489.6	433.0	398.4	376.4	336.5	304.0	284.1	278.9	275.7	271.5	270.5
70°	411.0	365.9	335.5	316.6	281.0	256.9	241.1	232.7	232.7	229.6	227.5
72.5°	341.8	296.7	276.8	261.0	231.7	210.7	199.2	197.1	189.8	188.7	188.7
75°	267.3	233.8	220.2	206.5	184.5	169.8	160.4	155.2	151.0	151.0	152.0
77.5°	201.3	178.2	165.6	155.2	139.4	130.0	122.7	120.6	116.4	116.4	116.4
80°	142.6	130.0	120.6	112.2	100.6	92.3	88.1	83.9	83.9	82.8	83.9
82.5°	92.3	81.8	76.5	75.5	65.0	61.9	56.6	57.7	54.5	53.5	55.6
85°	53.5	48.2	41.9	39.8	35.6	31.5	29.4	30.4	29.4	28.3	29.4
87.5°	21.0	17.8	16.8	16.8	13.6	12.6	11.5	12.6	10.5	10.5	11.5
90°	5.2	4.5	4.1	3.7	2.9	2.1	1.3	0.5	1.3	2.1	2.9
92.5°	5.5	4.9	4.6	5.1	6.0	6.9	7.8	8.7	7.8	6.9	6.0
95°	19.0	22.9	24.8	25.0	25.3	25.6	25.9	26.2	25.9	25.6	25.3
97.5°	37.4	47.1	51.9	51.6	51.0	50.3	49.7	49.1	49.7	50.3	51.0
100°	78.7	78.3	78.1	77.9	77.6	77.3	77.0	76.7	77.0	77.3	77.6
102.5°	106.8	106.6	106.5	106.3	105.9	105.5	105.1	104.7	105.1	105.5	105.9
105°	136.9	136.9	136.9	136.7	136.3	135.8	135.4	135.0	135.4	135.8	136.3
107.5°	166.6	166.4	166.3	166.3	166.3	166.3	166.3	166.3	166.3	166.3	166.3
110°	196.9	196.7	196.6	196.6	196.6	196.6	196.6	196.6	196.6	196.6	196.6

TEST NUMBER: P1034662

CATALOG NUMBER: S125DIW-B850D470UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	226.6	226.5	226.4	226.2	225.9	225.6	225.3	225.0	225.3	225.6	225.9
115°	256.0	255.9	255.8	255.5	255.0	254.5	254.0	253.5	254.0	254.5	255.0
117.5°	284.0	283.6	283.4	283.4	283.4	283.4	283.4	283.4	283.4	283.4	283.4
120°	310.9	310.6	310.5	310.5	310.6	310.7	310.8	310.9	310.8	310.7	310.6
122.5°	337.7	337.6	337.6	337.3	336.8	336.3	335.8	335.3	335.8	336.3	336.8
125°	363.7	363.7	363.7	363.3	362.6	361.9	361.2	360.5	361.2	361.9	362.6
127.5°	387.0	387.1	387.2	386.9	386.4	385.9	385.4	384.9	385.4	385.9	386.4
130°	409.4	409.3	409.2	408.9	408.4	407.9	407.4	406.9	407.4	407.9	408.4
132.5°	431.2	431.5	431.7	431.4	430.8	430.1	429.5	428.9	429.5	430.1	430.8
135°	452.1	452.3	452.4	452.1	451.5	450.8	450.2	449.6	450.2	450.8	451.5
137.5°	471.4	471.6	471.7	471.4	470.8	470.1	469.5	468.9	469.5	470.1	470.8
140°	488.5	488.6	488.6	488.5	488.3	488.1	487.9	487.7	487.9	488.1	488.3
142.5°	505.5	505.3	505.2	505.1	505.0	504.9	504.8	504.7	504.8	504.9	505.0
145°	522.2	522.2	522.2	522.1	521.9	521.7	521.5	521.3	521.5	521.7	521.9
147.5°	536.1	536.0	536.0	536.0	536.0	536.0	536.0	536.0	536.0	536.0	536.0
150°	549.1	548.9	548.8	548.9	549.1	549.3	549.5	549.7	549.5	549.3	549.1
152.5°	561.1	560.9	560.8	561.0	561.5	562.0	562.5	563.0	562.5	562.0	561.5
155°	571.6	571.4	571.3	571.6	572.2	572.9	573.5	574.1	573.5	572.9	572.2
157.5°	581.4	581.4	581.4	581.6	581.9	582.2	582.5	582.8	582.5	582.2	581.9
160°	589.4	589.3	589.2	589.5	590.1	590.8	591.4	592.0	591.4	590.8	590.1
162.5°	596.7	596.6	596.6	596.9	597.5	598.1	598.7	599.3	598.7	598.1	597.5
165°	603.2	603.1	603.0	603.3	603.9	604.6	605.2	605.8	605.2	604.6	603.9
167.5°	608.2	608.1	608.1	608.4	609.0	609.6	610.2	610.8	610.2	609.6	609.0
170°	611.9	611.8	611.7	612.1	612.8	613.5	614.2	614.9	614.2	613.5	612.8
172.5°	614.8	614.6	614.5	614.9	615.6	616.3	617.0	617.7	617.0	616.3	615.6
175°	616.9	616.8	616.8	617.1	617.7	618.3	618.9	619.5	618.9	618.3	617.7
177.5°	618.3	618.2	618.2	618.5	619.1	619.7	620.3	620.9	620.3	619.7	619.1
180°	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5

TEST NUMBER: P1034662

CATALOG NUMBER: S125DIW-B850D470UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0
2.5°	1218.2	1216.1	1210.9	1207.7	1197.3	1184.7	1180.5	1170.0	1174.2	1166.9	1166.9
5°	1185.7	1176.3	1170.0	1160.6	1140.6	1127.0	1112.3	1105.0	1100.8	1095.6	1091.4
7.5°	1143.8	1136.5	1130.2	1112.3	1090.3	1071.5	1053.6	1046.3	1032.7	1023.2	1019.0
10°	1107.1	1096.6	1081.9	1061.0	1037.9	1013.8	998.1	982.3	971.9	966.6	955.1
12.5°	1069.4	1056.8	1041.1	1010.6	985.5	970.8	942.5	927.8	922.6	918.4	904.8
15°	1030.6	1016.9	998.1	969.8	947.7	913.1	896.4	884.8	872.3	871.2	860.7
17.5°	996.0	979.2	963.5	928.9	901.6	871.2	861.8	849.2	837.7	825.1	819.8
20°	951.9	936.2	924.7	886.9	856.5	837.7	821.9	811.5	804.1	791.5	789.4
22.5°	912.1	895.3	879.6	851.3	825.1	801.0	782.1	770.6	767.4	762.2	752.7
25°	873.3	856.5	837.7	811.5	784.2	767.4	750.6	743.3	737.0	728.6	721.3
27.5°	840.8	825.1	807.3	774.8	751.7	739.1	721.3	712.9	704.5	700.3	697.2
30°	802.0	784.2	770.6	745.4	720.2	703.5	690.9	683.6	676.2	672.0	669.9
32.5°	764.3	747.5	738.1	710.8	690.9	671.0	661.5	656.3	652.1	647.9	643.7
35°	733.9	717.1	702.4	677.3	657.3	643.7	636.4	628.0	624.8	620.6	620.6
37.5°	696.1	683.6	668.9	644.8	626.9	616.5	610.2	599.7	598.6	596.5	593.4
40°	663.6	651.1	637.4	616.5	600.7	588.1	579.8	574.5	571.4	569.3	567.2
42.5°	629.0	615.4	609.1	585.0	571.4	558.8	554.6	549.4	548.3	544.1	538.9
45°	595.5	584.0	571.4	553.5	542.0	531.5	525.2	521.0	515.8	514.8	511.6
47.5°	566.1	552.5	541.0	524.2	511.6	503.2	498.0	492.7	488.5	485.4	482.3
50°	528.4	517.9	508.5	490.6	480.2	471.8	464.4	460.2	456.0	456.0	456.0
52.5°	491.7	482.3	473.9	461.3	448.7	441.4	433.0	429.8	427.7	424.6	427.7
55°	456.0	446.6	438.2	428.8	414.1	407.8	399.4	396.3	397.3	397.3	400.5
57.5°	418.3	411.0	405.7	394.2	380.6	374.3	369.0	365.9	365.9	370.1	371.1
60°	381.6	374.3	364.8	354.4	346.0	338.6	335.5	336.5	336.5	338.6	343.9
62.5°	340.7	336.5	331.3	316.6	311.4	306.1	301.9	305.1	304.0	309.3	316.6
65°	303.0	298.8	291.5	284.1	277.8	272.6	271.5	272.6	274.7	279.9	288.3
67.5°	261.0	261.0	254.8	248.5	243.2	238.0	239.0	240.1	242.2	248.5	261.0
70°	226.5	222.3	216.0	211.8	207.6	205.5	203.4	207.6	213.9	218.1	227.5
72.5°	188.7	185.6	180.3	176.1	175.1	173.0	171.9	174.0	180.3	187.7	198.1
75°	148.9	149.9	146.8	143.6	143.6	140.5	142.6	142.6	148.9	156.2	164.6
77.5°	115.3	114.3	113.2	111.1	110.1	110.1	110.1	112.2	118.5	122.7	131.0
80°	81.8	82.8	79.7	80.7	79.7	80.7	80.7	84.9	88.1	93.3	99.6
82.5°	54.5	54.5	52.4	53.5	53.5	53.5	54.5	56.6	60.8	65.0	69.2
85°	30.4	31.5	29.4	31.5	31.5	31.5	32.5	33.5	36.7	37.7	41.9
87.5°	11.5	13.6	13.6	11.5	12.6	13.6	14.7	13.6	15.7	17.8	18.9
90°	3.7	4.1	4.5	5.2	5.9	6.6	7.3	7.8	8.3	8.8	9.3
92.5°	5.1	4.6	4.9	5.5	6.1	6.7	7.3	7.8	8.3	8.8	9.3
95°	25.0	24.8	22.9	19.0	15.1	11.2	7.3	7.8	8.3	8.8	9.3
97.5°	51.6	51.9	47.1	37.4	27.7	18.0	8.3	8.5	8.7	8.9	9.1
100°	77.9	78.1	78.3	78.7	79.1	79.5	79.9	64.7	49.5	34.3	19.1
102.5°	106.3	106.5	106.6	106.8	107.1	107.3	107.5	107.7	107.9	108.1	108.3
105°	136.7	136.9	136.9	136.9	136.9	136.9	136.9	136.9	136.9	136.9	136.9
107.5°	166.3	166.3	166.4	166.6	166.8	167.0	167.2	167.3	167.4	167.5	167.6
110°	196.6	196.6	196.7	196.9	197.1	197.3	197.5	197.2	196.9	196.6	196.3

TEST NUMBER: P1034662

CATALOG NUMBER: S125DIW-B850D470UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	226.2	226.4	226.5	226.6	226.7	226.8	226.9	226.5	226.1	225.6	225.2
115°	255.5	255.8	255.9	256.0	256.1	256.2	256.3	255.9	255.5	255.0	254.6
117.5°	283.4	283.4	283.6	284.0	284.4	284.8	285.2	284.6	284.0	283.3	282.7
120°	310.5	310.5	310.6	310.9	311.2	311.5	311.8	311.6	311.4	311.2	311.0
122.5°	337.3	337.6	337.6	337.7	337.8	337.9	338.0	337.8	337.6	337.4	337.2
125°	363.3	363.7	363.7	363.7	363.7	363.7	363.7	363.3	362.9	362.5	362.1
127.5°	386.9	387.2	387.1	387.0	386.9	386.8	386.7	386.5	386.3	386.1	385.9
130°	408.9	409.2	409.3	409.4	409.5	409.6	409.7	409.4	409.1	408.8	408.5
132.5°	431.4	431.7	431.5	431.2	430.9	430.6	430.3	430.3	430.3	430.3	430.3
135°	452.1	452.4	452.3	452.1	451.8	451.6	451.4	451.2	451.0	450.8	450.6
137.5°	471.4	471.7	471.6	471.4	471.1	470.9	470.7	470.7	470.7	470.7	470.7
140°	488.5	488.6	488.6	488.5	488.4	488.3	488.2	488.4	488.6	488.8	489.0
142.5°	505.1	505.2	505.3	505.5	505.7	505.9	506.1	506.1	506.1	506.1	506.1
145°	522.1	522.2	522.2	522.2	522.2	522.2	522.2	522.3	522.4	522.5	522.6
147.5°	536.0	536.0	536.0	536.1	536.2	536.3	536.4	536.5	536.6	536.7	536.8
150°	548.9	548.8	548.9	549.1	549.3	549.5	549.7	549.9	550.1	550.3	550.5
152.5°	561.0	560.8	560.9	561.1	561.3	561.5	561.7	561.9	562.1	562.3	562.5
155°	571.6	571.3	571.4	571.6	571.8	572.0	572.2	572.5	572.8	573.1	573.4
157.5°	581.6	581.4	581.4	581.4	581.4	581.4	581.4	581.7	582.0	582.3	582.6
160°	589.5	589.2	589.3	589.4	589.5	589.6	589.7	590.1	590.5	590.9	591.3
162.5°	596.9	596.6	596.6	596.7	596.8	596.9	597.0	597.6	598.2	598.9	599.5
165°	603.3	603.0	603.1	603.2	603.3	603.4	603.5	604.1	604.7	605.3	605.9
167.5°	608.4	608.1	608.1	608.2	608.3	608.4	608.5	609.2	609.9	610.6	611.3
170°	612.1	611.7	611.8	611.9	612.0	612.1	612.2	613.0	613.8	614.7	615.5
172.5°	614.9	614.5	614.6	614.8	615.0	615.2	615.4	616.1	616.8	617.5	618.2
175°	617.1	616.8	616.8	616.9	617.0	617.1	617.2	618.0	618.8	619.7	620.5
177.5°	618.5	618.2	618.2	618.3	618.4	618.5	618.6	619.3	620.0	620.7	621.4
180°	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5

TEST NUMBER: P1034662

CATALOG NUMBER: S125DIW-B850D470UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0
2.5°	1171.1	1163.7	1162.7	1164.8	1160.6	1166.9	1164.8	1166.9	1161.6	1166.9	1163.7
5°	1090.3	1088.2	1084.0	1078.8	1079.8	1080.9	1086.1	1080.9	1085.1	1086.1	1091.4
7.5°	1014.8	1010.6	1013.8	1011.7	1002.3	1000.2	1002.3	1005.4	1011.7	1015.9	1019.0
10°	954.0	951.9	947.7	944.6	939.4	936.2	940.4	936.2	944.6	951.9	951.9
12.5°	907.9	899.5	894.3	893.2	881.7	883.8	888.0	891.1	900.6	904.8	904.8
15°	859.7	853.4	851.3	847.1	842.9	847.1	845.0	848.1	852.3	856.5	858.6
17.5°	817.7	816.7	817.7	807.3	810.4	805.2	806.2	811.5	808.3	811.5	817.7
20°	780.0	782.1	779.0	774.8	774.8	768.5	775.8	773.7	774.8	781.1	790.5
22.5°	751.7	750.6	747.5	744.4	740.2	741.2	742.3	740.2	748.6	753.8	754.8
25°	721.3	719.2	718.1	715.0	710.8	715.0	714.0	715.0	717.1	725.5	719.2
27.5°	693.0	688.8	690.9	687.7	686.7	687.7	687.7	688.8	690.9	691.9	693.0
30°	668.9	664.7	663.6	661.5	660.5	661.5	663.6	661.5	669.9	668.9	668.9
32.5°	642.7	639.5	637.4	637.4	636.4	635.3	636.4	637.4	643.7	639.5	643.7
35°	617.5	615.4	615.4	613.3	612.3	612.3	612.3	616.5	614.4	617.5	617.5
37.5°	593.4	593.4	592.3	590.2	589.2	590.2	589.2	591.3	590.2	591.3	592.3
40°	568.2	566.1	565.1	565.1	561.9	558.8	561.9	561.9	563.0	566.1	567.2
42.5°	537.8	538.9	538.9	534.7	534.7	534.7	535.7	536.8	536.8	538.9	538.9
45°	511.6	509.5	509.5	509.5	507.4	508.5	510.6	510.6	510.6	510.6	508.5
47.5°	482.3	482.3	483.3	483.3	486.5	485.4	485.4	484.4	482.3	482.3	483.3
50°	455.0	458.1	459.2	459.2	460.2	461.3	461.3	459.2	458.1	455.0	455.0
52.5°	428.8	430.9	433.0	436.1	438.2	437.2	437.2	435.1	430.9	429.8	428.8
55°	400.5	403.6	407.8	411.0	414.1	415.2	415.2	411.0	406.8	401.5	401.5
57.5°	374.3	377.4	384.8	387.9	392.1	392.1	390.0	386.9	380.6	376.4	373.2
60°	348.1	353.3	358.5	364.8	370.1	371.1	368.0	363.8	356.5	351.2	347.0
62.5°	319.8	325.0	335.5	341.8	346.0	346.0	346.0	340.7	331.3	324.0	317.7
65°	292.5	297.7	307.2	315.6	318.7	321.9	318.7	313.5	306.1	297.7	291.5
67.5°	264.2	270.5	279.9	286.2	290.4	293.5	291.5	287.3	277.8	266.3	262.1
70°	232.7	235.9	249.5	255.8	262.1	264.2	262.1	255.8	246.4	233.8	229.6
72.5°	203.4	206.5	219.1	224.4	229.6	231.7	228.5	224.4	216.0	204.4	199.2
75°	169.8	175.1	181.4	189.8	196.0	198.1	195.0	191.9	181.4	174.0	169.8
77.5°	134.2	139.4	147.8	155.2	161.5	160.4	156.2	157.3	145.7	137.3	134.2
80°	101.7	105.9	112.2	118.5	121.6	121.6	120.6	116.4	112.2	105.9	100.6
82.5°	70.2	75.5	80.7	84.9	84.9	86.0	83.9	82.8	78.6	73.4	72.3
85°	41.9	43.0	47.2	47.2	51.4	49.3	48.2	51.4	47.2	44.0	43.0
87.5°	18.9	17.8	18.9	18.9	17.8	19.9	19.9	18.9	19.9	18.9	18.9
90°	9.6	9.8	10.1	10.4	10.7	11.0	10.7	10.4	10.1	9.8	9.6
92.5°	9.6	9.7	9.8	9.9	10.0	10.1	10.0	9.9	9.8	9.7	9.6
95°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
97.5°	9.2	9.2	9.3	9.4	9.5	9.6	9.5	9.4	9.3	9.2	9.2
100°	11.5	11.3	10.9	10.4	10.0	9.6	10.0	10.4	10.9	11.3	11.5
102.5°	108.4	104.1	95.5	87.0	78.4	69.8	78.4	87.0	95.5	104.1	108.4
105°	136.9	136.8	136.7	136.6	136.5	136.4	136.5	136.6	136.7	136.8	136.9
107.5°	167.6	167.4	167.0	166.6	166.2	165.8	166.2	166.6	167.0	167.4	167.6
110°	196.1	196.2	196.3	196.4	196.5	196.6	196.5	196.4	196.3	196.2	196.1

TEST NUMBER: P1034662

CATALOG NUMBER: S125DIW-B850D470UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	225.0	224.9	224.7	224.5	224.3	224.1	224.3	224.5	224.7	224.9	225.0
115°	254.4	254.1	253.5	252.9	252.3	251.7	252.3	252.9	253.5	254.1	254.4
117.5°	282.4	282.3	282.1	281.9	281.7	281.5	281.7	281.9	282.1	282.3	282.4
120°	310.9	310.6	310.1	309.6	309.1	308.6	309.1	309.6	310.1	310.6	310.9
122.5°	337.1	336.8	336.2	335.5	334.9	334.3	334.9	335.5	336.2	336.8	337.1
125°	361.9	361.7	361.4	361.1	360.8	360.5	360.8	361.1	361.4	361.7	361.9
127.5°	385.8	385.4	384.6	383.7	382.9	382.1	382.9	383.7	384.6	385.4	385.8
130°	408.3	408.0	407.5	407.0	406.5	406.0	406.5	407.0	407.5	408.0	408.3
132.5°	430.3	430.0	429.5	429.0	428.5	428.0	428.5	429.0	429.5	430.0	430.3
135°	450.5	450.2	449.6	449.0	448.4	447.8	448.4	449.0	449.6	450.2	450.5
137.5°	470.7	470.4	469.9	469.4	468.9	468.4	468.9	469.4	469.9	470.4	470.7
140°	489.1	488.8	488.2	487.6	487.0	486.4	487.0	487.6	488.2	488.8	489.1
142.5°	506.1	505.8	505.2	504.5	503.9	503.3	503.9	504.5	505.2	505.8	506.1
145°	522.6	522.3	521.7	521.1	520.5	519.9	520.5	521.1	521.7	522.3	522.6
147.5°	536.9	536.5	535.8	535.1	534.4	533.7	534.4	535.1	535.8	536.5	536.9
150°	550.6	550.2	549.4	548.6	547.8	547.0	547.8	548.6	549.4	550.2	550.6
152.5°	562.6	562.2	561.5	560.8	560.1	559.4	560.1	560.8	561.5	562.2	562.6
155°	573.6	573.2	572.4	571.5	570.7	569.9	570.7	571.5	572.4	573.2	573.6
157.5°	582.8	582.4	581.6	580.7	579.9	579.1	579.9	580.7	581.6	582.4	582.8
160°	591.5	591.1	590.3	589.4	588.6	587.8	588.6	589.4	590.3	591.1	591.5
162.5°	599.8	599.3	598.4	597.5	596.6	595.7	596.6	597.5	598.4	599.3	599.8
165°	606.2	605.8	605.0	604.1	603.3	602.5	603.3	604.1	605.0	605.8	606.2
167.5°	611.7	611.2	610.3	609.4	608.5	607.6	608.5	609.4	610.3	611.2	611.7
170°	615.9	615.4	614.5	613.6	612.6	611.7	612.6	613.6	614.5	615.4	615.9
172.5°	618.6	618.1	617.2	616.3	615.4	614.5	615.4	616.3	617.2	618.1	618.6
175°	620.9	620.4	619.5	618.6	617.7	616.8	617.7	618.6	619.5	620.4	620.9
177.5°	621.8	621.4	620.6	619.8	619.0	618.2	619.0	619.8	620.6	621.4	621.8
180°	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5

TEST NUMBER: P1034662

CATALOG NUMBER: S125DIW-B850D470UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0
2.5°	1173.1	1166.9	1174.2	1164.8	1166.9	1178.4	1177.3	1187.8	1194.1	1193.1	1198.3
5°	1095.6	1095.6	1098.7	1097.7	1108.1	1117.6	1130.2	1140.6	1152.2	1158.5	1165.8
7.5°	1019.0	1029.5	1031.6	1036.9	1049.4	1065.2	1077.7	1093.5	1110.2	1121.8	1130.2
10°	956.1	964.5	972.9	977.1	990.7	1011.7	1029.5	1054.7	1075.6	1088.2	1099.8
12.5°	900.6	910.0	914.2	933.1	942.5	956.1	981.3	1008.6	1031.6	1045.2	1054.7
15°	860.7	866.0	875.4	886.9	896.4	913.1	934.1	964.5	986.5	998.1	1030.6
17.5°	827.2	833.5	838.7	844.0	858.6	876.5	896.4	922.6	950.9	970.8	987.6
20°	792.6	795.7	802.0	810.4	820.9	837.7	855.5	882.7	907.9	923.6	945.6
22.5°	751.7	761.1	767.4	773.7	785.2	804.1	820.9	840.8	872.3	890.1	913.1
25°	727.6	731.8	736.0	743.3	751.7	768.5	787.3	808.3	833.5	852.3	872.3
27.5°	696.1	702.4	707.7	717.1	722.3	736.0	753.8	774.8	805.2	820.9	837.7
30°	669.9	676.2	680.4	684.6	691.9	706.6	723.4	740.2	768.5	788.4	805.2
32.5°	643.7	650.0	655.2	658.4	665.7	675.2	688.8	709.8	733.9	747.5	769.5
35°	620.6	620.6	626.9	631.1	637.4	645.8	658.4	674.1	699.3	717.1	737.0
37.5°	594.4	595.5	600.7	603.9	610.2	618.5	631.1	645.8	666.8	680.4	700.3
40°	567.2	570.3	572.4	577.7	585.0	588.1	600.7	617.5	638.5	651.1	667.8
42.5°	539.9	542.0	547.3	551.5	557.7	563.0	571.4	587.1	602.8	621.7	635.3
45°	509.5	514.8	517.9	525.2	528.4	533.6	542.0	554.6	573.5	585.0	600.7
47.5°	483.3	485.4	487.5	496.9	503.2	506.4	514.8	522.1	542.0	552.5	567.2
50°	455.0	455.0	458.1	462.3	469.7	476.0	483.3	491.7	507.4	517.9	532.6
52.5°	428.8	425.6	427.7	429.8	437.2	443.5	450.8	462.3	477.0	483.3	495.9
55°	400.5	395.2	398.4	401.5	403.6	412.0	420.4	427.7	439.3	448.7	460.2
57.5°	370.1	369.0	366.9	368.0	373.2	378.5	384.8	394.2	407.8	415.2	421.5
60°	342.8	336.5	334.4	336.5	339.7	342.8	351.2	359.6	371.1	378.5	385.8
62.5°	314.5	308.2	304.0	300.9	304.0	311.4	316.6	322.9	332.3	340.7	347.0
65°	287.3	277.8	273.6	271.5	270.5	275.7	279.9	288.3	296.7	299.8	307.2
67.5°	256.9	248.5	243.2	240.1	240.1	240.1	244.3	252.7	261.0	262.1	269.4
70°	226.5	217.0	211.8	207.6	205.5	207.6	212.8	213.9	221.2	223.3	227.5
72.5°	194.0	185.6	179.3	174.0	175.1	177.2	177.2	179.3	183.5	188.7	188.7
75°	163.5	152.0	148.9	144.7	142.6	142.6	142.6	146.8	149.9	154.1	153.1
77.5°	129.0	122.7	116.4	114.3	111.1	110.1	112.2	112.2	114.3	117.4	118.5
80°	99.6	92.3	88.1	86.0	81.8	80.7	81.8	81.8	84.9	83.9	84.9
82.5°	69.2	64.0	60.8	57.7	55.6	56.6	55.6	55.6	56.6	55.6	55.6
85°	39.8	38.8	36.7	35.6	34.6	32.5	34.6	33.5	32.5	31.5	33.5
87.5°	18.9	17.8	17.8	15.7	15.7	14.7	15.7	15.7	14.7	14.7	14.7
90°	9.3	8.8	8.3	7.8	7.3	6.6	5.9	5.2	4.5	4.1	3.7
92.5°	9.3	8.8	8.3	7.8	7.3	6.7	6.1	5.5	4.9	4.6	5.1
95°	9.3	8.8	8.3	7.8	7.3	11.2	15.1	19.0	22.9	24.8	25.0
97.5°	9.1	8.9	8.7	8.5	8.3	18.0	27.7	37.4	47.1	51.9	51.6
100°	19.1	34.3	49.5	64.7	79.9	79.5	79.1	78.7	78.3	78.1	77.9
102.5°	108.3	108.1	107.9	107.7	107.5	107.3	107.1	106.8	106.6	106.5	106.3
105°	136.9	136.9	136.9	136.9	136.9	136.9	136.9	136.9	136.9	136.9	136.7
107.5°	167.6	167.5	167.4	167.3	167.2	167.0	166.8	166.6	166.4	166.3	166.3
110°	196.3	196.6	196.9	197.2	197.5	197.3	197.1	196.9	196.7	196.6	196.6

TEST NUMBER: P1034662

CATALOG NUMBER: S125DIW-B850D470UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	225.2	225.6	226.1	226.5	226.9	226.8	226.7	226.6	226.5	226.4	226.2
115°	254.6	255.0	255.5	255.9	256.3	256.2	256.1	256.0	255.9	255.8	255.5
117.5°	282.7	283.3	284.0	284.6	285.2	284.8	284.4	284.0	283.6	283.4	283.4
120°	311.0	311.2	311.4	311.6	311.8	311.5	311.2	310.9	310.6	310.5	310.5
122.5°	337.2	337.4	337.6	337.8	338.0	337.9	337.8	337.7	337.6	337.6	337.3
125°	362.1	362.5	362.9	363.3	363.7	363.7	363.7	363.7	363.7	363.7	363.3
127.5°	385.9	386.1	386.3	386.5	386.7	386.8	386.9	387.0	387.1	387.2	386.9
130°	408.5	408.8	409.1	409.4	409.7	409.6	409.5	409.4	409.3	409.2	408.9
132.5°	430.3	430.3	430.3	430.3	430.3	430.6	430.9	431.2	431.5	431.7	431.4
135°	450.6	450.8	451.0	451.2	451.4	451.6	451.8	452.1	452.3	452.4	452.1
137.5°	470.7	470.7	470.7	470.7	470.7	470.9	471.1	471.4	471.6	471.7	471.4
140°	489.0	488.8	488.6	488.4	488.2	488.3	488.4	488.5	488.6	488.6	488.5
142.5°	506.1	506.1	506.1	506.1	506.1	505.9	505.7	505.5	505.3	505.2	505.1
145°	522.6	522.5	522.4	522.3	522.2	522.2	522.2	522.2	522.2	522.2	522.1
147.5°	536.8	536.7	536.6	536.5	536.4	536.3	536.2	536.1	536.0	536.0	536.0
150°	550.5	550.3	550.1	549.9	549.7	549.5	549.3	549.1	548.9	548.8	548.9
152.5°	562.5	562.3	562.1	561.9	561.7	561.5	561.3	561.1	560.9	560.8	561.0
155°	573.4	573.1	572.8	572.5	572.2	572.0	571.8	571.6	571.4	571.3	571.6
157.5°	582.6	582.3	582.0	581.7	581.4	581.4	581.4	581.4	581.4	581.4	581.6
160°	591.3	590.9	590.5	590.1	589.7	589.6	589.5	589.4	589.3	589.2	589.5
162.5°	599.5	598.9	598.2	597.6	597.0	596.9	596.8	596.7	596.6	596.6	596.9
165°	605.9	605.3	604.7	604.1	603.5	603.4	603.3	603.2	603.1	603.0	603.3
167.5°	611.3	610.6	609.9	609.2	608.5	608.4	608.3	608.2	608.1	608.1	608.4
170°	615.5	614.7	613.8	613.0	612.2	612.1	612.0	611.9	611.8	611.7	612.1
172.5°	618.2	617.5	616.8	616.1	615.4	615.2	615.0	614.8	614.6	614.5	614.9
175°	620.5	619.7	618.8	618.0	617.2	617.1	617.0	616.9	616.8	616.8	617.1
177.5°	621.4	620.7	620.0	619.3	618.6	618.5	618.4	618.3	618.2	618.2	618.5
180°	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5

TEST NUMBER: P1034662

CATALOG NUMBER: S125DIW-B850D470UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1235.0	1235.0	1235.0	1235.0
2.5°	1205.6	1216.1	1223.5	1237.1
5°	1178.4	1197.3	1215.1	1234.0
7.5°	1151.1	1173.1	1201.5	1225.6
10°	1120.7	1149.0	1182.6	1215.1
12.5°	1090.3	1123.9	1160.6	1203.6
15°	1053.6	1096.6	1139.6	1185.7
17.5°	1021.1	1065.2	1111.3	1169.0
20°	984.4	1032.7	1083.0	1141.7
22.5°	951.9	1005.4	1057.8	1119.7
25°	915.2	967.7	1025.3	1091.4
27.5°	884.8	933.1	989.7	1061.0
30°	848.1	900.6	957.2	1028.5
32.5°	813.6	863.9	923.6	993.9
35°	777.9	829.3	882.7	949.8
37.5°	744.4	788.4	841.9	905.8
40°	706.6	754.8	803.1	853.4
42.5°	672.0	716.1	761.1	801.0
45°	633.2	671.0	714.0	746.5
47.5°	597.6	631.1	664.7	689.8
50°	561.9	588.1	613.3	635.3
52.5°	520.0	549.4	563.0	576.6
55°	482.3	499.0	511.6	525.2
57.5°	445.6	452.9	459.2	471.8
60°	397.3	405.7	413.1	422.5
62.5°	355.4	359.6	361.7	371.1
65°	315.6	314.5	319.8	325.0
67.5°	272.6	271.5	276.8	278.9
70°	230.6	229.6	230.6	235.9
72.5°	190.8	190.8	191.9	194.0
75°	154.1	154.1	155.2	157.3
77.5°	116.4	118.5	117.4	121.6
80°	84.9	82.8	84.9	87.0
82.5°	55.6	57.7	57.7	55.6
85°	31.5	31.5	31.5	31.5
87.5°	13.6	13.6	14.7	15.7
90°	2.9	2.1	1.3	0.5
92.5°	6.0	6.9	7.8	8.7
95°	25.3	25.6	25.9	26.2
97.5°	51.0	50.3	49.7	49.1
100°	77.6	77.3	77.0	76.7
102.5°	105.9	105.5	105.1	104.7
105°	136.3	135.8	135.4	135.0
107.5°	166.3	166.3	166.3	166.3
110°	196.6	196.6	196.6	196.6

TEST NUMBER: P1034662

CATALOG NUMBER: S125DIW-B850D470UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	225.9	225.6	225.3	225.0
115°	255.0	254.5	254.0	253.5
117.5°	283.4	283.4	283.4	283.4
120°	310.6	310.7	310.8	310.9
122.5°	336.8	336.3	335.8	335.3
125°	362.6	361.9	361.2	360.5
127.5°	386.4	385.9	385.4	384.9
130°	408.4	407.9	407.4	406.9
132.5°	430.8	430.1	429.5	428.9
135°	451.5	450.8	450.2	449.6
137.5°	470.8	470.1	469.5	468.9
140°	488.3	488.1	487.9	487.7
142.5°	505.0	504.9	504.8	504.7
145°	521.9	521.7	521.5	521.3
147.5°	536.0	536.0	536.0	536.0
150°	549.1	549.3	549.5	549.7
152.5°	561.5	562.0	562.5	563.0
155°	572.2	572.9	573.5	574.1
157.5°	581.9	582.2	582.5	582.8
160°	590.1	590.8	591.4	592.0
162.5°	597.5	598.1	598.7	599.3
165°	603.9	604.6	605.2	605.8
167.5°	609.0	609.6	610.2	610.8
170°	612.8	613.5	614.2	614.9
172.5°	615.6	616.3	617.0	617.7
175°	617.7	618.3	618.9	619.5
177.5°	619.1	619.7	620.3	620.9
180°	619.5	619.5	619.5	619.5

(END OF REPORT)