

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: P1008467

Luminaire Tested: S122RDIP-B675D530UB2750-4F0-XX-W2A-A_4000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1008467
REPORT IS A COMBINATION OF REPORTS P988507 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122RDIP-B675D530UB2750-4F0-XX-W2A-A_4000K
Description: Define 2 Regressed Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865}
{m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

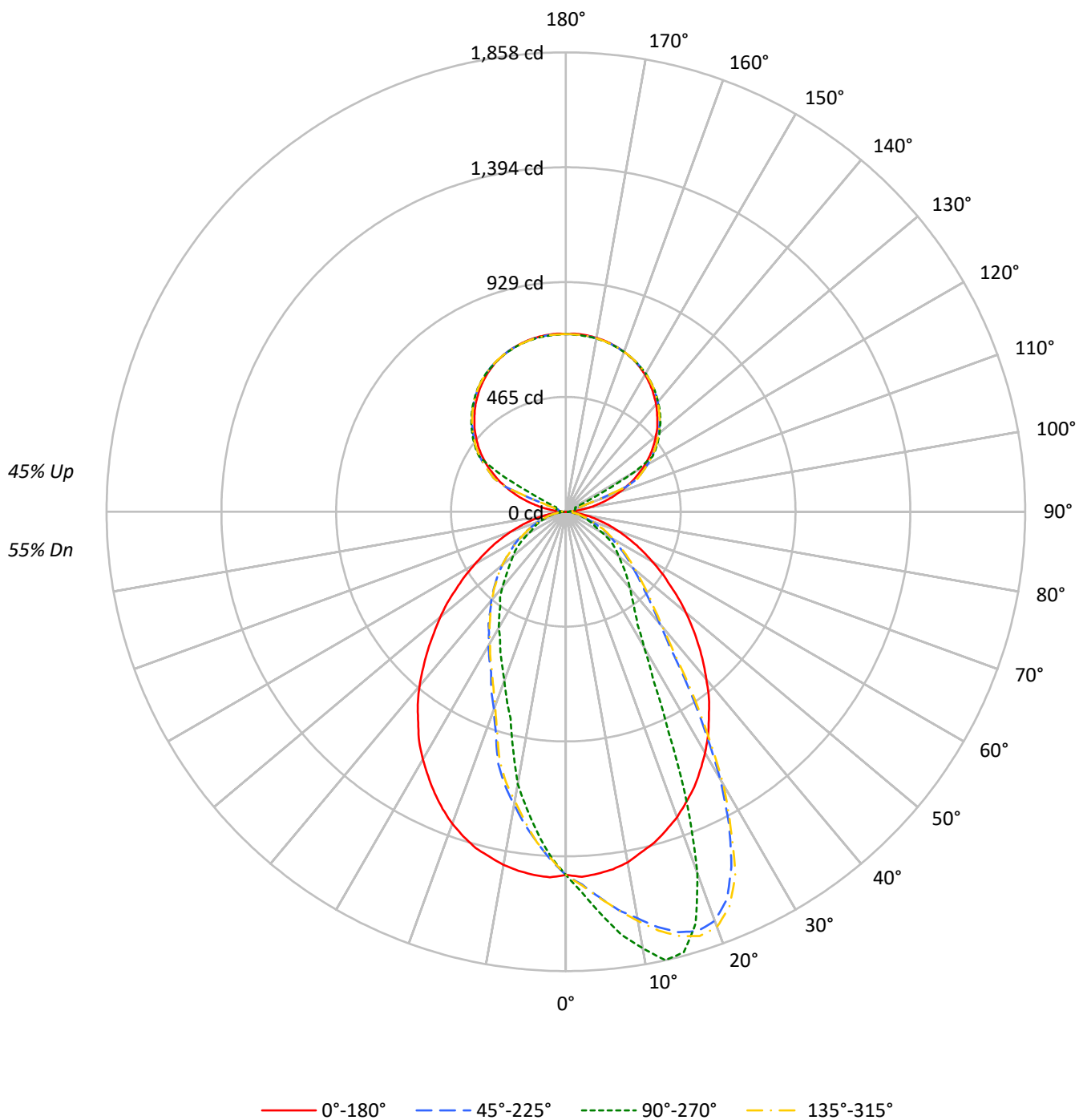
Lumens per Lamp: N/A
Luminaire Lumens: 4646.0 lumens
Efficiency: N/A
Efficacy: 90.6 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 51.3
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1008467

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A_4000K

Luminous Intensity Polar Plot



TEST NUMBER: P1008467

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A_4000K

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
RCR																	
0	108	108	108	108	100	100	100	100	86	86	86	73	73	73	60	60	60
1	100	96	92	89	92	89	86	83	77	74	72	65	64	62	55	54	53
2	91	85	79	74	85	79	74	70	68	65	61	58	56	53	49	47	46
3	84	75	68	63	78	70	64	59	61	56	53	52	49	46	44	42	40
4	77	67	60	54	72	63	56	51	55	50	46	47	44	41	40	38	35
5	72	60	53	47	66	57	50	45	50	44	40	43	39	36	37	34	31
6	66	55	47	41	62	51	45	40	45	40	36	39	35	32	34	31	28
7	62	50	42	37	57	47	40	35	41	36	32	36	32	29	31	28	26
8	57	46	38	33	53	43	36	32	38	33	29	33	29	26	29	26	23
9	54	42	35	30	50	40	33	29	35	30	26	31	27	24	27	24	21
10	50	39	32	27	47	37	30	26	33	27	24	29	25	22	25	22	20

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	23247	23247	23247	23247
5°	23302	24693	23383	19726
10°	23046	26100	23209	16290
15°	22546	26107	22927	12237
20°	21943	21581	22421	10097
25°	21215	13485	21672	8588
30°	20283	8634	20834	7394
35°	19151	6635	19770	6327
40°	17887	5577	18652	5535
45°	16539	4747	17230	4647
50°	15156	4033	15864	4019
55°	13624	3505	14360	3460
60°	12265	2672	12915	2641
65°	10992	2012	11646	2282
70°	9593	1606	10342	1859
75°	8106	1231	8850	1407
80°	6435	837	6930	923
85°	4464	433	4902	456

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 21267 cd/sqm

TEST NUMBER: P1008467

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	139.3	3.0
10°-20°	388.8	8.4
20°-30°	500.4	10.8
30°-40°	474.7	10.2
40°-50°	406.9	8.8
50°-60°	309.9	6.7
60°-70°	195.4	4.2
70°-80°	97.5	2.1
80°-90°	26.3	0.6
90°-100°	23.7	0.5
100°-110°	88.3	1.9
110°-120°	234.3	5.0
120°-130°	388.6	8.4
130°-140°	412.7	8.9
140°-150°	383.6	8.3
150°-160°	308.4	6.6
160°-170°	198.7	4.3
170°-180°	68.4	1.5
0°-30°	1028.6	22.1
0°-40°	1503.3	32.4
0°-60°	2220.0	47.8
0°-90°	2539.3	54.7
90°-120°	346.3	7.5
90°-150°	1531.2	33.0
90°-180°	2107.0	45.4
0°-180°	4646.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1469	1469	1469	1469	1469	
5°	1470	1634	1475	1305	1470	139
15°	1385	1844	1408	864	1385	390
25°	1229	984	1255	627	1229	564
35°	1008	485	1041	462	1008	631
45°	757	337	789	330	757	585
55°	511	234	539	231	511	461
65°	309	122	328	138	309	307
75°	145	64	158	74	145	157
85°	32	18	35	19	32	36
90°	0	14	0	14	0	4
95°	34	22	34	22	34	40
105°	158	40	158	40	158	169
115°	299	43	299	43	299	294
125°	423	445	423	445	423	377
135°	523	540	523	540	523	404
145°	607	616	607	616	607	380
155°	668	669	668	669	668	308
165°	704	702	704	702	704	199
175°	720	716	720	716	720	69
180°	719	719	719	719	719	

TEST NUMBER: P1008467

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6
2.5°	1477.8	1484.0	1487.0	1491.1	1500.3	1506.4	1515.6	1517.6	1516.6	1520.7	1509.5
5°	1469.7	1482.9	1495.2	1505.4	1521.7	1531.9	1543.1	1556.4	1559.5	1574.8	1565.6
7.5°	1458.4	1477.8	1495.2	1515.6	1540.1	1553.4	1570.7	1591.1	1600.3	1618.7	1623.8
10°	1440.1	1467.6	1497.2	1518.7	1552.3	1575.8	1592.1	1624.8	1646.2	1673.8	1669.7
12.5°	1410.5	1446.2	1486.0	1521.7	1565.6	1580.9	1611.5	1645.2	1672.8	1698.3	1720.7
15°	1385.0	1425.8	1469.7	1513.6	1563.6	1592.1	1622.8	1666.6	1696.2	1741.1	1760.5
17.5°	1350.3	1402.3	1454.4	1503.3	1562.5	1595.2	1633.0	1675.8	1719.7	1762.6	1777.9
20°	1314.5	1370.7	1426.8	1493.1	1560.5	1592.1	1630.9	1684.0	1726.9	1760.5	1760.5
22.5°	1271.7	1340.0	1404.3	1467.6	1541.1	1587.0	1626.8	1689.1	1719.7	1726.9	1699.3
25°	1228.8	1297.2	1367.6	1446.2	1529.9	1570.7	1615.6	1673.8	1684.0	1655.4	1584.0
27.5°	1177.8	1254.3	1333.9	1418.6	1506.4	1557.4	1598.3	1637.0	1617.7	1541.1	1429.9
30°	1125.7	1208.4	1298.2	1378.8	1485.0	1531.9	1566.6	1577.8	1516.6	1392.1	1248.2
32.5°	1071.6	1152.3	1247.2	1344.1	1451.3	1496.2	1518.7	1489.1	1376.8	1219.6	1044.1
35°	1008.4	1099.2	1198.2	1299.2	1405.4	1439.0	1452.3	1379.9	1235.9	1032.8	858.3
37.5°	951.2	1042.0	1148.2	1251.3	1354.3	1372.7	1359.4	1246.2	1063.5	862.4	692.0
40°	883.8	980.8	1084.9	1200.2	1284.9	1290.0	1257.4	1110.4	883.8	695.0	589.9
42.5°	821.6	919.6	1023.7	1141.0	1205.3	1188.0	1144.1	951.2	737.9	599.1	514.4
45°	757.3	850.2	962.4	1066.5	1112.5	1071.6	1005.3	800.2	619.5	515.4	450.1
47.5°	695.0	781.8	893.0	993.0	1001.2	955.3	876.7	670.5	536.8	453.1	400.1
50°	633.8	720.5	824.6	907.3	899.1	835.9	747.1	582.8	466.4	400.1	356.2
52.5°	572.6	651.1	752.2	817.5	782.8	721.6	633.8	494.0	407.2	349.0	315.4
55°	511.3	584.8	671.6	725.6	670.5	600.1	537.9	423.5	353.1	306.2	280.7
57.5°	460.3	518.5	598.1	630.7	564.4	509.3	455.2	364.4	306.2	272.5	242.9
60°	404.2	457.2	522.5	541.9	473.6	428.7	382.7	308.2	262.3	232.7	213.3
62.5°	356.2	400.1	450.1	450.1	389.9	356.2	321.5	258.2	220.4	197.0	187.8
65°	309.2	340.9	376.6	372.5	321.5	291.9	264.3	213.3	184.7	168.4	159.2
67.5°	263.3	287.8	311.3	297.0	260.3	234.7	209.2	172.5	153.1	141.9	129.6
70°	221.5	240.9	253.1	239.8	203.1	181.7	163.3	138.8	123.5	109.2	102.1
72.5°	185.7	193.9	198.0	181.7	151.0	138.8	125.5	108.2	94.9	87.8	85.7
75°	144.9	152.1	149.0	136.8	111.2	102.1	91.9	79.6	76.5	72.5	70.4
77.5°	113.3	113.3	108.2	97.0	79.6	72.5	68.4	62.3	59.2	58.2	56.1
80°	80.6	79.6	76.5	64.3	54.1	50.0	50.0	45.9	44.9	42.9	42.9
82.5°	53.1	53.1	49.0	38.8	35.7	34.7	33.7	31.6	31.6	30.6	30.6
85°	31.6	29.6	24.5	21.4	20.4	20.4	19.4	18.4	19.4	18.4	18.4
87.5°	14.3	11.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
90°	0.5	1.8	3.0	4.3	5.6	6.2	6.7	7.6	8.5	9.5	10.4
92.5°	13.0	12.5	12.1	11.6	11.1	10.9	11.1	11.4	11.8	12.1	12.5
95°	33.8	30.0	26.2	22.3	18.5	16.6	17.0	17.8	18.7	19.5	20.3
97.5°	60.8	51.3	41.9	32.4	22.9	18.2	19.1	21.0	22.8	24.7	26.5
100°	92.0	76.2	60.4	44.5	28.7	20.8	21.8	23.7	25.7	27.6	29.6
102.5°	126.4	126.2	125.9	125.7	125.4	125.3	114.8	93.8	72.7	51.7	30.7
105°	158.1	161.6	165.0	168.5	172.0	173.7	157.9	126.4	94.8	63.3	31.7
107.5°	195.0	197.9	200.8	203.7	206.6	208.0	188.5	149.6	110.7	71.7	32.8
110°	230.4	232.8	235.2	237.7	240.1	241.3	224.6	191.2	157.8	124.4	91.0

TEST NUMBER: P1008467

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	263.6	265.7	267.8	269.9	272.0	273.0	272.0	270.1	268.1	266.2	264.2
115°	299.0	301.0	302.9	304.9	306.8	307.8	309.2	312.1	315.0	317.9	320.8
117.5°	329.7	332.0	334.3	336.6	338.9	340.1	341.1	343.0	345.0	346.9	348.9
120°	364.0	365.7	367.5	369.2	370.9	371.8	372.8	374.9	377.0	379.0	381.1
122.5°	393.1	394.9	396.8	398.6	400.5	401.4	402.6	404.9	407.2	409.5	411.8
125°	422.7	424.2	425.7	427.2	428.7	429.5	430.6	432.8	435.0	437.2	439.4
127.5°	449.8	451.4	453.0	454.7	456.3	457.1	458.0	459.7	461.4	463.2	464.9
130°	475.3	477.1	479.0	480.8	482.7	483.6	484.2	485.5	486.8	488.0	489.3
132.5°	501.3	502.8	504.3	505.8	507.3	508.0	508.6	509.9	511.2	512.4	513.7
135°	523.1	524.9	526.8	528.6	530.5	531.4	531.9	533.0	534.0	535.1	536.1
137.5°	546.0	547.4	548.8	550.1	551.5	552.2	552.8	553.9	555.1	556.2	557.4
140°	568.3	569.2	570.2	571.1	572.0	572.5	573.1	574.4	575.7	576.9	578.2
142.5°	587.1	587.9	588.7	589.5	590.3	590.7	591.5	593.0	594.5	596.0	597.5
145°	606.8	606.7	606.6	606.5	606.4	606.3	607.3	609.2	611.2	613.1	615.1
147.5°	624.0	623.6	623.3	622.9	622.6	622.4	623.4	625.4	627.3	629.3	631.3
150°	640.6	639.8	639.0	638.2	637.4	637.0	637.9	639.8	641.6	643.5	645.3
152.5°	654.7	653.8	652.8	651.9	651.0	650.5	651.4	653.1	654.8	656.6	658.3
155°	668.2	667.2	666.1	665.1	664.0	663.5	664.2	665.6	666.9	668.3	669.7
157.5°	679.1	678.2	677.2	676.3	675.4	674.9	675.4	676.5	677.5	678.6	679.6
160°	688.5	687.8	687.1	686.4	685.7	685.3	685.7	686.4	687.1	687.8	688.5
162.5°	696.8	696.1	695.4	694.7	694.0	693.7	694.0	694.6	695.1	695.7	696.3
165°	704.1	703.4	702.7	702.0	701.3	700.9	701.1	701.4	701.8	702.1	702.5
167.5°	709.8	709.1	708.4	707.7	707.0	706.7	706.9	707.2	707.5	707.9	708.2
170°	714.5	713.8	713.1	712.4	711.7	711.3	711.4	711.7	711.9	712.2	712.4
172.5°	717.6	716.9	716.2	715.5	714.8	714.5	714.6	714.8	715.1	715.3	715.5
175°	720.2	719.4	718.6	717.7	716.9	716.5	716.6	716.9	717.1	717.4	717.6
177.5°	721.2	720.4	719.6	718.8	718.0	717.6	717.7	717.8	717.9	718.0	718.1
180°	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6

TEST NUMBER: P1008467

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6
2.5°	1520.7	1522.7	1525.8	1540.1	1542.1	1546.2	1544.2	1544.2	1545.2	1543.1	1544.2
5°	1586.0	1589.1	1604.4	1621.7	1625.8	1621.7	1626.8	1634.0	1634.0	1634.0	1631.9
7.5°	1647.2	1658.5	1675.8	1701.3	1706.4	1711.5	1720.7	1714.6	1716.7	1725.8	1722.8
10°	1706.4	1722.8	1742.2	1763.6	1774.8	1782.0	1786.1	1795.2	1816.7	1792.2	1801.4
12.5°	1762.6	1786.1	1806.5	1829.9	1838.1	1847.3	1850.3	1858.5	1858.5	1857.5	1864.6
15°	1799.3	1820.8	1839.1	1854.4	1856.5	1854.4	1852.4	1853.4	1856.5	1844.2	1851.4
17.5°	1807.5	1809.5	1815.6	1809.5	1810.5	1789.1	1776.9	1773.8	1745.2	1746.2	1769.7
20°	1767.7	1733.0	1723.8	1690.1	1669.7	1614.6	1612.5	1597.2	1537.0	1555.4	1551.3
22.5°	1658.5	1599.3	1520.7	1481.9	1462.5	1404.3	1359.4	1327.8	1306.4	1284.9	1275.8
25°	1514.6	1418.6	1307.4	1230.8	1219.6	1165.5	1082.9	1044.1	998.1	983.9	1008.4
27.5°	1328.8	1204.3	1078.8	961.4	940.0	891.0	849.1	821.6	768.5	765.5	767.5
30°	1076.7	951.2	846.1	769.5	716.5	694.0	666.5	646.0	624.6	632.8	634.8
32.5°	884.9	765.5	667.5	626.6	602.2	587.9	564.4	551.1	541.9	538.9	537.9
35°	703.2	623.6	579.7	539.9	525.6	515.4	498.1	491.9	483.8	484.8	484.8
37.5°	602.2	535.8	503.2	482.7	469.5	464.4	453.1	447.0	441.9	439.9	442.9
40°	519.5	473.6	453.1	434.8	423.5	421.5	415.4	408.2	402.1	403.1	406.2
42.5°	459.3	432.7	408.2	394.0	385.8	382.7	377.6	372.5	372.5	369.5	368.4
45°	411.3	389.9	369.5	356.2	351.1	347.0	340.9	339.9	335.8	336.8	337.8
47.5°	368.4	351.1	335.8	322.5	317.4	316.4	310.3	306.2	306.2	305.2	304.1
50°	329.7	312.3	299.0	291.9	284.7	282.7	281.7	280.7	278.6	278.6	279.6
52.5°	298.0	280.7	270.5	264.3	260.3	258.2	258.2	257.2	257.2	257.2	256.2
55°	263.3	249.0	240.9	238.8	236.8	235.8	234.7	232.7	231.7	233.7	231.7
57.5°	230.7	225.6	218.4	216.4	211.3	211.3	208.2	206.2	204.1	206.2	206.2
60°	205.1	198.0	193.9	187.8	183.7	179.6	174.5	173.5	171.5	170.4	169.4
62.5°	178.6	172.5	162.3	153.1	147.0	142.9	140.8	139.8	139.8	138.8	138.8
65°	149.0	134.7	129.6	126.6	125.5	124.5	122.5	121.5	122.5	121.5	122.5
67.5°	116.3	114.3	111.2	109.2	108.2	107.2	107.2	106.1	106.1	106.1	106.1
70°	101.0	95.9	94.9	92.9	92.9	91.9	91.9	91.9	91.9	90.8	92.9
72.5°	83.7	80.6	79.6	78.6	78.6	78.6	77.6	77.6	77.6	76.5	77.6
75°	68.4	67.4	65.3	65.3	64.3	65.3	64.3	64.3	63.3	64.3	64.3
77.5°	55.1	54.1	53.1	53.1	52.1	52.1	52.1	52.1	52.1	52.1	53.1
80°	41.8	40.8	39.8	40.8	39.8	40.8	39.8	39.8	40.8	39.8	39.8
82.5°	30.6	29.6	29.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
85°	18.4	17.4	17.4	18.4	17.4	18.4	17.4	17.4	17.4	18.4	18.4
87.5°	8.2	9.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	9.2
90°	11.0	11.6	12.1	12.7	13.0	13.1	13.3	13.6	13.8	14.0	13.8
92.5°	12.7	12.9	13.2	13.4	13.5	13.6	13.7	13.8	13.9	14.0	13.9
95°	20.9	21.5	22.0	22.6	22.9	22.8	22.7	22.6	22.5	22.4	22.5
97.5°	26.9	27.2	27.6	27.9	28.1	28.2	28.3	28.4	28.5	28.6	28.5
100°	30.5	31.5	32.4	33.3	33.8	33.9	34.1	34.4	34.6	34.8	34.6
102.5°	32.0	33.2	34.5	35.8	36.4	36.6	36.9	37.3	37.6	38.0	37.6
105°	33.0	34.2	35.5	36.8	37.4	37.6	38.1	38.6	39.0	39.5	39.0
107.5°	34.1	35.3	36.6	37.9	38.5	38.7	39.2	39.7	40.1	40.6	40.1
110°	79.4	67.9	56.3	44.8	39.0	39.2	39.7	40.2	40.6	41.1	40.6

TEST NUMBER: P1008467

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	214.4	164.6	114.7	64.9	40.0	40.2	40.5	40.9	41.2	41.6	41.2
115°	267.3	213.8	160.3	106.8	80.1	75.9	67.6	59.3	50.9	42.6	50.9
117.5°	332.4	315.9	299.4	282.9	274.6	259.5	229.2	198.9	168.6	138.3	168.6
120°	382.5	383.9	385.3	386.7	387.4	379.6	364.0	348.4	332.8	317.2	332.8
122.5°	412.5	413.2	413.9	414.6	414.9	415.0	415.1	415.2	415.4	415.5	415.4
125°	440.2	441.0	441.8	442.6	443.0	443.2	443.5	443.9	444.2	444.6	444.2
127.5°	466.1	467.2	468.4	469.5	470.1	470.2	470.3	470.4	470.5	470.6	470.5
130°	490.6	491.8	493.1	494.4	495.0	494.9	494.8	494.7	494.6	494.5	494.6
132.5°	514.7	515.8	516.8	517.9	518.4	518.3	518.2	518.1	518.0	517.9	518.0
135°	537.3	538.4	539.6	540.7	541.3	541.2	541.0	540.7	540.5	540.3	540.5
137.5°	558.6	559.7	560.9	562.0	562.6	562.4	562.1	561.8	561.4	561.1	561.4
140°	579.2	580.3	581.3	582.4	582.9	582.6	582.0	581.5	580.9	580.3	580.9
142.5°	598.4	599.3	600.2	601.1	601.6	601.3	600.7	600.2	599.6	599.0	599.6
145°	615.9	616.7	617.6	618.4	618.8	618.5	617.9	617.4	616.8	616.2	616.8
147.5°	631.9	632.5	633.0	633.6	633.9	633.7	633.2	632.7	632.3	631.8	632.3
150°	646.0	646.7	647.4	648.1	648.4	648.1	647.5	647.0	646.4	645.8	646.4
152.5°	659.0	659.7	660.4	661.1	661.4	661.0	660.2	659.4	658.6	657.8	658.6
155°	670.4	671.1	671.8	672.5	672.9	672.4	671.5	670.6	669.6	668.7	669.6
157.5°	680.4	681.2	682.1	682.9	683.3	682.8	681.9	681.0	680.0	679.1	680.0
160°	689.2	689.9	690.6	691.3	691.6	691.2	690.4	689.5	688.7	687.9	688.7
162.5°	697.1	697.9	698.7	699.5	699.9	699.4	698.3	697.3	696.2	695.2	696.2
165°	703.3	704.1	704.9	705.7	706.1	705.7	704.9	704.1	703.3	702.5	703.3
167.5°	709.0	709.8	710.7	711.5	711.9	711.4	710.3	709.3	708.2	707.2	708.2
170°	713.2	714.0	714.8	715.6	716.0	715.5	714.4	713.4	712.3	711.3	712.3
172.5°	716.3	717.1	717.9	718.7	719.1	718.6	717.6	716.5	715.5	714.5	715.5
175°	718.4	719.2	720.0	720.8	721.2	720.6	719.5	718.3	717.2	716.0	717.2
177.5°	718.9	719.7	720.5	721.3	721.7	721.2	720.2	719.1	718.1	717.1	718.1
180°	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6

TEST NUMBER: P1008467

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6
2.5°	1548.3	1541.1	1539.1	1541.1	1539.1	1540.1	1532.9	1506.4	1513.6	1502.3	1508.4
5°	1636.0	1629.9	1616.6	1614.6	1612.5	1610.5	1600.3	1576.8	1567.6	1552.3	1551.3
7.5°	1719.7	1719.7	1709.5	1702.4	1693.2	1686.0	1672.8	1638.1	1623.8	1605.4	1595.2
10°	1802.4	1775.8	1787.1	1779.9	1757.5	1753.4	1728.9	1708.5	1680.9	1662.6	1646.2
12.5°	1861.6	1853.4	1843.2	1837.1	1831.0	1817.7	1801.4	1749.3	1735.0	1698.3	1679.9
15°	1859.5	1854.4	1857.5	1857.5	1855.5	1852.4	1839.1	1801.4	1776.9	1741.1	1709.5
17.5°	1759.5	1772.8	1786.1	1795.2	1815.6	1824.8	1837.1	1814.6	1799.3	1768.7	1735.0
20°	1585.0	1617.7	1656.4	1664.6	1683.0	1737.1	1761.6	1780.9	1787.1	1776.9	1749.3
22.5°	1342.1	1369.6	1463.5	1461.5	1488.0	1552.3	1623.8	1682.0	1727.9	1753.4	1743.2
25°	1051.2	1090.0	1140.0	1177.8	1264.5	1360.5	1449.3	1542.1	1621.7	1692.2	1709.5
27.5°	795.0	846.1	885.9	935.9	979.8	1093.1	1207.4	1352.3	1445.2	1578.9	1648.3
30°	643.0	666.5	706.3	729.7	751.2	837.9	967.5	1110.4	1273.7	1427.8	1547.2
32.5°	549.1	565.4	595.0	605.2	627.7	685.8	767.5	898.1	1066.5	1253.3	1410.5
35°	493.0	510.3	516.4	525.6	544.0	580.7	636.9	731.8	883.8	1066.5	1254.3
37.5°	445.0	454.2	471.5	477.6	483.8	511.3	549.1	615.4	716.5	866.5	1074.7
40°	411.3	416.4	425.6	430.7	434.8	454.2	487.8	532.8	607.3	721.6	913.4
42.5°	375.6	381.7	387.8	394.0	399.1	414.4	434.8	477.6	527.7	614.4	753.2
45°	340.9	345.0	352.1	356.2	363.3	375.6	394.0	423.5	468.5	523.6	635.8
47.5°	309.2	314.3	317.4	322.5	327.6	340.9	358.2	377.6	414.4	468.5	550.1
50°	280.7	286.8	290.9	291.9	296.0	308.2	322.5	343.9	367.4	409.3	480.7
52.5°	260.3	261.3	264.3	268.4	267.4	274.5	287.8	304.1	328.6	362.3	414.4
55°	236.8	239.8	241.9	242.9	242.9	249.0	256.2	271.5	290.9	318.4	362.3
57.5°	207.2	210.2	216.4	218.4	221.5	224.5	227.6	237.8	254.1	280.7	316.4
60°	176.6	178.6	184.7	188.8	190.9	199.0	203.1	211.3	220.4	239.8	273.5
62.5°	141.9	143.9	147.0	151.0	155.1	167.4	177.6	185.7	192.9	206.2	233.7
65°	123.5	124.5	126.6	127.6	128.6	133.7	142.9	154.1	167.4	177.6	193.9
67.5°	107.2	108.2	109.2	111.2	112.3	113.3	117.4	120.4	133.7	148.0	160.2
70°	91.9	93.9	94.9	94.9	95.9	98.0	100.0	104.1	108.2	115.3	130.6
72.5°	77.6	78.6	80.6	80.6	80.6	82.7	84.7	86.8	88.8	92.9	99.0
75°	64.3	66.3	66.3	66.3	67.4	67.4	69.4	71.4	73.5	76.5	78.6
77.5°	53.1	53.1	53.1	53.1	54.1	54.1	55.1	57.2	58.2	59.2	61.2
80°	39.8	40.8	40.8	40.8	41.8	41.8	41.8	43.9	44.9	44.9	46.9
82.5°	29.6	29.6	29.6	30.6	29.6	30.6	30.6	31.6	30.6	31.6	32.7
85°	18.4	18.4	18.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	20.4
87.5°	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	10.2	9.2	9.2
90°	13.6	13.3	13.1	13.0	12.7	12.1	11.6	11.0	10.4	9.5	8.5
92.5°	13.8	13.7	13.6	13.5	13.4	13.2	12.9	12.7	12.5	12.1	11.8
95°	22.6	22.7	22.8	22.9	22.6	22.0	21.5	20.9	20.3	19.5	18.7
97.5°	28.4	28.3	28.2	28.1	27.9	27.6	27.2	26.9	26.5	24.7	22.8
100°	34.4	34.1	33.9	33.8	33.3	32.4	31.5	30.5	29.6	27.6	25.7
102.5°	37.3	36.9	36.6	36.4	35.8	34.5	33.2	32.0	30.7	51.7	72.7
105°	38.6	38.1	37.6	37.4	36.8	35.5	34.2	33.0	31.7	63.3	94.8
107.5°	39.7	39.2	38.7	38.5	37.9	36.6	35.3	34.1	32.8	71.7	110.7
110°	40.2	39.7	39.2	39.0	44.8	56.3	67.9	79.4	91.0	124.4	157.8

TEST NUMBER: P1008467

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	40.9	40.5	40.2	40.0	64.9	114.7	164.6	214.4	264.2	266.2	268.1
115°	59.3	67.6	75.9	80.1	106.8	160.3	213.8	267.3	320.8	317.9	315.0
117.5°	198.9	229.2	259.5	274.6	282.9	299.4	315.9	332.4	348.9	346.9	345.0
120°	348.4	364.0	379.6	387.4	386.7	385.3	383.9	382.5	381.1	379.0	377.0
122.5°	415.2	415.1	415.0	414.9	414.6	413.9	413.2	412.5	411.8	409.5	407.2
125°	443.9	443.5	443.2	443.0	442.6	441.8	441.0	440.2	439.4	437.2	435.0
127.5°	470.4	470.3	470.2	470.1	469.5	468.4	467.2	466.1	464.9	463.2	461.4
130°	494.7	494.8	494.9	495.0	494.4	493.1	491.8	490.6	489.3	488.0	486.8
132.5°	518.1	518.2	518.3	518.4	517.9	516.8	515.8	514.7	513.7	512.4	511.2
135°	540.7	541.0	541.2	541.3	540.7	539.6	538.4	537.3	536.1	535.1	534.0
137.5°	561.8	562.1	562.4	562.6	562.0	560.9	559.7	558.6	557.4	556.2	555.1
140°	581.5	582.0	582.6	582.9	582.4	581.3	580.3	579.2	578.2	576.9	575.7
142.5°	600.2	600.7	601.3	601.6	601.1	600.2	599.3	598.4	597.5	596.0	594.5
145°	617.4	617.9	618.5	618.8	618.4	617.6	616.7	615.9	615.1	613.1	611.2
147.5°	632.7	633.2	633.7	633.9	633.6	633.0	632.5	631.9	631.3	629.3	627.3
150°	647.0	647.5	648.1	648.4	648.1	647.4	646.7	646.0	645.3	643.5	641.6
152.5°	659.4	660.2	661.0	661.4	661.1	660.4	659.7	659.0	658.3	656.6	654.8
155°	670.6	671.5	672.4	672.9	672.5	671.8	671.1	670.4	669.7	668.3	666.9
157.5°	681.0	681.9	682.8	683.3	682.9	682.1	681.2	680.4	679.6	678.6	677.5
160°	689.5	690.4	691.2	691.6	691.3	690.6	689.9	689.2	688.5	687.8	687.1
162.5°	697.3	698.3	699.4	699.9	699.5	698.7	697.9	697.1	696.3	695.7	695.1
165°	704.1	704.9	705.7	706.1	705.7	704.9	704.1	703.3	702.5	702.1	701.8
167.5°	709.3	710.3	711.4	711.9	711.5	710.7	709.8	709.0	708.2	707.9	707.5
170°	713.4	714.4	715.5	716.0	715.6	714.8	714.0	713.2	712.4	712.2	711.9
172.5°	716.5	717.6	718.6	719.1	718.7	717.9	717.1	716.3	715.5	715.3	715.1
175°	718.3	719.5	720.6	721.2	720.8	720.0	719.2	718.4	717.6	717.4	717.1
177.5°	719.1	720.2	721.2	721.7	721.3	720.5	719.7	718.9	718.1	718.0	717.9
180°	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6

TEST NUMBER: P1008467

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6
2.5°	1499.3	1494.2	1494.2	1491.1	1491.1	1474.8	1474.8	1479.9	1473.7	1466.6	1456.4
5°	1538.0	1526.8	1523.8	1519.7	1506.4	1486.0	1477.8	1474.8	1462.5	1447.2	1429.9
7.5°	1574.8	1556.4	1547.2	1538.0	1520.7	1492.1	1475.8	1464.6	1446.2	1422.7	1400.3
10°	1610.5	1587.0	1563.6	1552.3	1527.8	1492.1	1468.6	1450.3	1423.7	1392.1	1360.5
12.5°	1643.2	1594.2	1590.1	1567.6	1531.9	1491.1	1455.4	1428.8	1395.2	1358.4	1321.7
15°	1671.7	1621.7	1597.2	1576.8	1529.9	1478.9	1441.1	1408.4	1363.5	1321.7	1276.8
17.5°	1686.0	1631.9	1615.6	1581.9	1534.0	1467.6	1416.6	1376.8	1327.8	1277.8	1226.8
20°	1700.3	1637.0	1610.5	1587.0	1521.7	1446.2	1389.0	1343.1	1289.0	1229.8	1173.7
22.5°	1707.5	1637.0	1605.4	1572.7	1509.5	1422.7	1355.4	1301.3	1238.0	1177.8	1110.4
25°	1695.2	1630.9	1593.2	1559.5	1488.0	1394.1	1316.6	1255.3	1188.0	1119.6	1051.2
27.5°	1664.6	1616.6	1572.7	1538.0	1458.4	1357.4	1275.8	1206.4	1136.9	1060.4	991.0
30°	1607.4	1586.0	1551.3	1512.5	1425.8	1324.7	1227.8	1156.3	1079.8	1003.3	930.8
32.5°	1518.7	1537.0	1514.6	1480.9	1387.0	1279.8	1176.8	1104.3	1020.6	937.9	871.6
35°	1410.5	1475.8	1463.5	1440.1	1346.2	1231.9	1128.8	1041.0	957.3	873.6	807.3
37.5°	1292.1	1391.1	1401.3	1387.0	1299.2	1182.9	1069.6	983.9	898.1	813.4	746.1
40°	1129.8	1281.9	1314.5	1320.7	1250.2	1123.7	1005.3	921.6	836.9	754.2	672.6
42.5°	980.8	1172.7	1213.5	1239.0	1188.0	1065.5	946.1	853.2	769.5	695.0	613.4
45°	841.0	1041.0	1107.4	1140.0	1117.6	999.2	875.7	788.9	712.4	644.0	565.4
47.5°	697.1	898.1	991.0	1043.1	1043.1	931.8	808.3	722.6	649.1	590.9	521.5
50°	601.1	768.5	864.4	932.8	951.2	863.4	747.1	663.4	594.0	530.7	477.6
52.5°	512.3	662.4	742.0	813.4	866.5	789.9	678.7	603.2	534.8	475.6	433.8
55°	442.9	555.2	627.7	706.3	765.5	715.4	612.4	538.9	479.7	430.7	395.0
57.5°	376.6	474.6	533.8	603.2	666.5	628.7	546.0	482.7	430.7	387.8	356.2
60°	320.5	400.1	446.0	500.1	578.7	552.1	483.8	425.6	383.7	345.0	318.4
62.5°	272.5	335.8	374.6	413.3	484.8	472.5	419.5	374.6	338.8	306.2	283.7
65°	223.5	275.6	306.2	339.9	397.0	402.1	359.3	327.6	295.0	266.4	246.0
67.5°	180.6	221.5	249.0	277.6	323.5	337.8	308.2	281.7	254.1	230.7	212.3
70°	145.9	174.5	194.9	217.4	255.2	272.5	257.2	238.8	216.4	197.0	180.6
72.5°	115.3	133.7	145.9	163.3	193.9	211.3	210.2	193.9	177.6	164.3	151.0
75°	84.7	99.0	109.2	120.4	144.9	161.3	165.3	158.2	141.9	131.7	121.5
77.5°	64.3	72.5	77.6	85.7	103.1	117.4	123.5	121.5	110.2	102.1	94.9
80°	49.0	51.0	53.1	56.1	70.4	83.7	87.8	86.8	80.6	77.6	69.4
82.5°	34.7	35.7	36.7	37.8	42.9	54.1	58.2	60.2	55.1	52.1	44.9
85°	20.4	21.4	21.4	23.5	24.5	27.6	34.7	34.7	33.7	29.6	28.6
87.5°	10.2	10.2	9.2	9.2	10.2	11.2	13.3	15.3	13.3	12.2	11.2
90°	7.6	6.7	6.2	5.6	4.3	3.0	1.8	0.5	1.8	3.0	4.3
92.5°	11.4	11.1	10.9	11.1	11.6	12.1	12.5	13.0	12.5	12.1	11.6
95°	17.8	17.0	16.6	18.5	22.3	26.2	30.0	33.8	30.0	26.2	22.3
97.5°	21.0	19.1	18.2	22.9	32.4	41.9	51.3	60.8	51.3	41.9	32.4
100°	23.7	21.8	20.8	28.7	44.5	60.4	76.2	92.0	76.2	60.4	44.5
102.5°	93.8	114.8	125.3	125.4	125.7	125.9	126.2	126.4	126.2	125.9	125.7
105°	126.4	157.9	173.7	172.0	168.5	165.0	161.6	158.1	161.6	165.0	168.5
107.5°	149.6	188.5	208.0	206.6	203.7	200.8	197.9	195.0	197.9	200.8	203.7
110°	191.2	224.6	241.3	240.1	237.7	235.2	232.8	230.4	232.8	235.2	237.7

TEST NUMBER: P1008467

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	270.1	272.0	273.0	272.0	269.9	267.8	265.7	263.6	265.7	267.8	269.9
115°	312.1	309.2	307.8	306.8	304.9	302.9	301.0	299.0	301.0	302.9	304.9
117.5°	343.0	341.1	340.1	338.9	336.6	334.3	332.0	329.7	332.0	334.3	336.6
120°	374.9	372.8	371.8	370.9	369.2	367.5	365.7	364.0	365.7	367.5	369.2
122.5°	404.9	402.6	401.4	400.5	398.6	396.8	394.9	393.1	394.9	396.8	398.6
125°	432.8	430.6	429.5	428.7	427.2	425.7	424.2	422.7	424.2	425.7	427.2
127.5°	459.7	458.0	457.1	456.3	454.7	453.0	451.4	449.8	451.4	453.0	454.7
130°	485.5	484.2	483.6	482.7	480.8	479.0	477.1	475.3	477.1	479.0	480.8
132.5°	509.9	508.6	508.0	507.3	505.8	504.3	502.8	501.3	502.8	504.3	505.8
135°	533.0	531.9	531.4	530.5	528.6	526.8	524.9	523.1	524.9	526.8	528.6
137.5°	553.9	552.8	552.2	551.5	550.1	548.8	547.4	546.0	547.4	548.8	550.1
140°	574.4	573.1	572.5	572.0	571.1	570.2	569.2	568.3	569.2	570.2	571.1
142.5°	593.0	591.5	590.7	590.3	589.5	588.7	587.9	587.1	587.9	588.7	589.5
145°	609.2	607.3	606.3	606.4	606.5	606.6	606.7	606.8	606.7	606.6	606.5
147.5°	625.4	623.4	622.4	622.6	622.9	623.3	623.6	624.0	623.6	623.3	622.9
150°	639.8	637.9	637.0	637.4	638.2	639.0	639.8	640.6	639.8	639.0	638.2
152.5°	653.1	651.4	650.5	651.0	651.9	652.8	653.8	654.7	653.8	652.8	651.9
155°	665.6	664.2	663.5	664.0	665.1	666.1	667.2	668.2	667.2	666.1	665.1
157.5°	676.5	675.4	674.9	675.4	676.3	677.2	678.2	679.1	678.2	677.2	676.3
160°	686.4	685.7	685.3	685.7	686.4	687.1	687.8	688.5	687.8	687.1	686.4
162.5°	694.6	694.0	693.7	694.0	694.7	695.4	696.1	696.8	696.1	695.4	694.7
165°	701.4	701.1	700.9	701.3	702.0	702.7	703.4	704.1	703.4	702.7	702.0
167.5°	707.2	706.9	706.7	707.0	707.7	708.4	709.1	709.8	709.1	708.4	707.7
170°	711.7	711.4	711.3	711.7	712.4	713.1	713.8	714.5	713.8	713.1	712.4
172.5°	714.8	714.6	714.5	714.8	715.5	716.2	716.9	717.6	716.9	716.2	715.5
175°	716.9	716.6	716.5	716.9	717.7	718.6	719.4	720.2	719.4	718.6	717.7
177.5°	717.8	717.7	717.6	718.0	718.8	719.6	720.4	721.2	720.4	719.6	718.8
180°	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6

TEST NUMBER: P1008467

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6
2.5°	1452.3	1453.3	1456.4	1447.2	1432.9	1426.8	1408.4	1405.4	1402.3	1402.3	1405.4
5°	1419.7	1415.6	1416.6	1399.2	1378.8	1366.6	1341.1	1345.2	1331.9	1323.7	1325.8
7.5°	1383.9	1372.7	1371.7	1349.2	1323.7	1301.3	1274.7	1268.6	1256.4	1242.1	1235.9
10°	1339.0	1330.9	1315.6	1290.0	1257.4	1239.0	1203.3	1181.9	1178.8	1157.4	1149.2
12.5°	1293.1	1278.8	1263.5	1227.8	1191.0	1161.4	1134.9	1111.4	1095.1	1076.7	1064.5
15°	1240.0	1222.7	1205.3	1167.6	1124.7	1095.1	1055.3	1020.6	972.6	934.9	913.4
17.5°	1181.9	1162.5	1139.0	1097.1	1055.3	1014.5	941.0	900.2	866.5	844.0	830.8
20°	1121.6	1100.2	1076.7	1034.9	962.4	891.0	850.2	818.5	798.1	775.7	759.3
22.5°	1058.4	1035.9	1010.4	945.1	868.5	818.5	786.9	757.3	727.7	715.4	707.3
25°	999.2	978.8	946.1	857.3	797.1	751.2	715.4	696.0	680.7	664.4	649.1
27.5°	937.9	900.2	854.2	779.7	742.0	695.0	669.5	655.2	628.7	617.5	610.3
30°	864.4	822.6	778.7	725.6	681.8	649.1	625.6	602.2	586.8	575.6	563.4
32.5°	789.9	750.1	722.6	667.5	634.8	601.1	578.7	564.4	541.9	534.8	529.7
35°	725.6	692.0	667.5	622.6	591.9	561.3	545.0	523.6	509.3	496.0	487.8
37.5°	662.4	644.0	618.5	580.7	548.1	523.6	501.1	494.0	474.6	467.4	459.3
40°	618.5	590.9	569.5	536.8	509.3	482.7	468.5	452.1	438.9	427.6	424.6
42.5°	565.4	545.0	532.8	497.0	468.5	453.1	435.8	417.4	407.2	398.0	386.8
45°	525.6	507.2	489.9	461.3	435.8	416.4	401.1	388.8	371.5	367.4	350.1
47.5°	483.8	465.4	452.1	423.5	400.1	381.7	370.5	354.1	339.9	330.7	322.5
50°	441.9	426.6	414.4	389.9	369.5	350.1	334.8	318.4	312.3	297.0	291.9
52.5°	402.1	391.9	378.6	355.2	334.8	318.4	302.1	288.8	279.6	271.5	265.4
55°	368.4	352.1	346.0	320.5	303.1	285.8	271.5	263.3	252.1	247.0	241.9
57.5°	330.7	321.5	311.3	291.9	272.5	256.2	246.0	233.7	227.6	221.5	217.4
60°	298.0	284.7	276.6	260.3	242.9	227.6	218.4	209.2	201.1	196.0	187.8
62.5°	260.3	250.0	244.9	227.6	213.3	199.0	190.9	181.7	175.5	166.4	156.2
65°	227.6	219.4	213.3	199.0	185.7	172.5	164.3	153.1	144.9	139.8	138.8
67.5°	199.0	192.9	183.7	170.4	157.2	147.0	137.8	128.6	127.6	125.5	125.5
70°	167.4	161.3	156.2	141.9	130.6	119.4	117.4	114.3	111.2	110.2	108.2
72.5°	139.8	134.7	128.6	116.3	105.1	102.1	100.0	98.0	94.9	93.9	92.9
75°	113.3	106.1	102.1	90.8	87.8	85.7	83.7	80.6	78.6	77.6	75.5
77.5°	86.8	79.6	79.6	73.5	71.4	68.4	66.3	64.3	63.3	61.2	61.2
80°	61.2	61.2	59.2	56.1	53.1	52.1	49.0	48.0	46.9	48.0	45.9
82.5°	44.9	40.8	40.8	38.8	36.7	35.7	33.7	33.7	32.7	32.7	32.7
85°	25.5	25.5	24.5	22.5	21.4	21.4	20.4	20.4	19.4	19.4	18.4
87.5°	10.2	9.2	10.2	9.2	9.2	8.2	8.2	8.2	7.1	8.2	7.1
90°	5.6	6.2	6.7	7.6	8.5	9.5	10.4	11.0	11.6	12.1	12.7
92.5°	11.1	10.9	11.1	11.4	11.8	12.1	12.5	12.7	12.9	13.2	13.4
95°	18.5	16.6	17.0	17.8	18.7	19.5	20.3	20.9	21.5	22.0	22.6
97.5°	22.9	18.2	19.1	21.0	22.8	24.7	26.5	26.9	27.2	27.6	27.9
100°	28.7	20.8	21.8	23.7	25.7	27.6	29.6	30.5	31.5	32.4	33.3
102.5°	125.4	125.3	114.8	93.8	72.7	51.7	30.7	32.0	33.2	34.5	35.8
105°	172.0	173.7	157.9	126.4	94.8	63.3	31.7	33.0	34.2	35.5	36.8
107.5°	206.6	208.0	188.5	149.6	110.7	71.7	32.8	34.1	35.3	36.6	37.9
110°	240.1	241.3	224.6	191.2	157.8	124.4	91.0	79.4	67.9	56.3	44.8

TEST NUMBER: P1008467

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	272.0	273.0	272.0	270.1	268.1	266.2	264.2	214.4	164.6	114.7	64.9
115°	306.8	307.8	309.2	312.1	315.0	317.9	320.8	267.3	213.8	160.3	106.8
117.5°	338.9	340.1	341.1	343.0	345.0	346.9	348.9	332.4	315.9	299.4	282.9
120°	370.9	371.8	372.8	374.9	377.0	379.0	381.1	382.5	383.9	385.3	386.7
122.5°	400.5	401.4	402.6	404.9	407.2	409.5	411.8	412.5	413.2	413.9	414.6
125°	428.7	429.5	430.6	432.8	435.0	437.2	439.4	440.2	441.0	441.8	442.6
127.5°	456.3	457.1	458.0	459.7	461.4	463.2	464.9	466.1	467.2	468.4	469.5
130°	482.7	483.6	484.2	485.5	486.8	488.0	489.3	490.6	491.8	493.1	494.4
132.5°	507.3	508.0	508.6	509.9	511.2	512.4	513.7	514.7	515.8	516.8	517.9
135°	530.5	531.4	531.9	533.0	534.0	535.1	536.1	537.3	538.4	539.6	540.7
137.5°	551.5	552.2	552.8	553.9	555.1	556.2	557.4	558.6	559.7	560.9	562.0
140°	572.0	572.5	573.1	574.4	575.7	576.9	578.2	579.2	580.3	581.3	582.4
142.5°	590.3	590.7	591.5	593.0	594.5	596.0	597.5	598.4	599.3	600.2	601.1
145°	606.4	606.3	607.3	609.2	611.2	613.1	615.1	615.9	616.7	617.6	618.4
147.5°	622.6	622.4	623.4	625.4	627.3	629.3	631.3	631.9	632.5	633.0	633.6
150°	637.4	637.0	637.9	639.8	641.6	643.5	645.3	646.0	646.7	647.4	648.1
152.5°	651.0	650.5	651.4	653.1	654.8	656.6	658.3	659.0	659.7	660.4	661.1
155°	664.0	663.5	664.2	665.6	666.9	668.3	669.7	670.4	671.1	671.8	672.5
157.5°	675.4	674.9	675.4	676.5	677.5	678.6	679.6	680.4	681.2	682.1	682.9
160°	685.7	685.3	685.7	686.4	687.1	687.8	688.5	689.2	689.9	690.6	691.3
162.5°	694.0	693.7	694.0	694.6	695.1	695.7	696.3	697.1	697.9	698.7	699.5
165°	701.3	700.9	701.1	701.4	701.8	702.1	702.5	703.3	704.1	704.9	705.7
167.5°	707.0	706.7	706.9	707.2	707.5	707.9	708.2	709.0	709.8	710.7	711.5
170°	711.7	711.3	711.4	711.7	711.9	712.2	712.4	713.2	714.0	714.8	715.6
172.5°	714.8	714.5	714.6	714.8	715.1	715.3	715.5	716.3	717.1	717.9	718.7
175°	716.9	716.5	716.6	716.9	717.1	717.4	717.6	718.4	719.2	720.0	720.8
177.5°	718.0	717.6	717.7	717.8	717.9	718.0	718.1	718.9	719.7	720.5	721.3
180°	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6

TEST NUMBER: P1008467

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6
2.5°	1405.4	1403.3	1397.2	1399.2	1396.2	1396.2	1394.1	1394.1	1394.1	1399.2	1396.2
5°	1328.8	1321.7	1314.5	1311.5	1308.4	1305.3	1305.3	1304.3	1313.5	1311.5	1319.6
7.5°	1233.9	1231.9	1217.6	1217.6	1212.5	1210.4	1215.5	1216.6	1217.6	1219.6	1224.7
10°	1149.2	1144.1	1123.7	1125.7	1122.7	1118.6	1121.6	1119.6	1126.7	1128.8	1126.7
12.5°	1049.2	1040.0	1017.5	1006.3	994.1	984.9	996.1	987.9	1016.5	1024.7	1047.1
15°	916.5	899.1	883.8	883.8	872.6	864.4	869.6	878.7	884.9	894.0	898.1
17.5°	827.7	820.6	808.3	801.2	798.1	795.0	795.0	799.1	812.4	811.4	819.5
20°	752.2	748.1	742.0	732.8	729.7	727.7	727.7	727.7	736.9	745.0	750.1
22.5°	700.1	697.1	693.0	680.7	674.6	672.6	677.7	680.7	687.9	694.0	699.1
25°	648.1	640.9	633.8	629.7	626.6	626.6	628.7	629.7	632.8	635.8	642.0
27.5°	605.2	600.1	589.9	578.7	578.7	575.6	577.7	579.7	586.8	597.1	602.2
30°	557.2	556.2	552.1	548.1	544.0	541.9	546.0	549.1	550.1	555.2	555.2
32.5°	522.5	515.4	508.3	504.2	502.1	501.1	502.1	506.2	506.2	512.3	519.5
35°	487.8	483.8	476.6	469.5	467.4	462.3	466.4	470.5	477.6	480.7	483.8
37.5°	450.1	445.0	441.9	439.9	435.8	436.8	433.8	439.9	446.0	445.0	447.0
40°	421.5	412.3	403.1	402.1	401.1	400.1	400.1	401.1	405.2	409.3	415.4
42.5°	384.8	381.7	373.5	365.4	363.3	361.3	359.3	363.3	371.5	378.6	381.7
45°	347.0	342.9	340.9	334.8	330.7	329.7	327.6	332.7	339.9	342.9	345.0
47.5°	312.3	311.3	305.2	306.2	303.1	304.1	303.1	306.2	306.2	309.2	311.3
50°	288.8	285.8	282.7	280.7	277.6	277.6	276.6	277.6	281.7	285.8	284.7
52.5°	265.4	260.3	259.2	258.2	256.2	258.2	255.2	256.2	260.3	262.3	261.3
55°	237.8	236.8	234.7	232.7	231.7	230.7	230.7	230.7	234.7	237.8	238.8
57.5°	216.4	211.3	207.2	207.2	203.1	202.1	204.1	205.1	208.2	210.2	212.3
60°	186.8	184.7	178.6	175.5	169.4	168.4	168.4	172.5	177.6	184.7	186.8
62.5°	155.1	152.1	151.0	151.0	151.0	151.0	151.0	151.0	151.0	152.1	152.1
65°	137.8	138.8	137.8	136.8	137.8	137.8	136.8	136.8	136.8	137.8	138.8
67.5°	123.5	122.5	123.5	122.5	121.5	121.5	120.4	121.5	122.5	123.5	123.5
70°	107.2	107.2	106.1	107.2	106.1	105.1	104.1	104.1	106.1	107.2	107.2
72.5°	91.9	91.9	90.8	90.8	88.8	88.8	89.8	88.8	88.8	91.9	91.9
75°	76.5	75.5	74.5	74.5	73.5	73.5	73.5	72.5	74.5	74.5	75.5
77.5°	60.2	60.2	60.2	59.2	59.2	58.2	58.2	59.2	59.2	59.2	60.2
80°	45.9	45.9	45.9	44.9	43.9	43.9	43.9	43.9	43.9	44.9	43.9
82.5°	31.6	31.6	31.6	31.6	31.6	30.6	30.6	30.6	31.6	31.6	30.6
85°	19.4	18.4	19.4	19.4	18.4	19.4	18.4	18.4	17.4	17.4	18.4
87.5°	8.2	7.1	6.1	6.1	7.1	6.1	6.1	6.1	7.1	6.1	6.1
90°	13.0	13.1	13.3	13.6	13.8	14.0	13.8	13.6	13.3	13.1	13.0
92.5°	13.5	13.6	13.7	13.8	13.9	14.0	13.9	13.8	13.7	13.6	13.5
95°	22.9	22.8	22.7	22.6	22.5	22.4	22.5	22.6	22.7	22.8	22.9
97.5°	28.1	28.2	28.3	28.4	28.5	28.6	28.5	28.4	28.3	28.2	28.1
100°	33.8	33.9	34.1	34.4	34.6	34.8	34.6	34.4	34.1	33.9	33.8
102.5°	36.4	36.6	36.9	37.3	37.6	38.0	37.6	37.3	36.9	36.6	36.4
105°	37.4	37.6	38.1	38.6	39.0	39.5	39.0	38.6	38.1	37.6	37.4
107.5°	38.5	38.7	39.2	39.7	40.1	40.6	40.1	39.7	39.2	38.7	38.5
110°	39.0	39.2	39.7	40.2	40.6	41.1	40.6	40.2	39.7	39.2	39.0

TEST NUMBER: P1008467

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	40.0	40.2	40.5	40.9	41.2	41.6	41.2	40.9	40.5	40.2	40.0
115°	80.1	75.9	67.6	59.3	50.9	42.6	50.9	59.3	67.6	75.9	80.1
117.5°	274.6	259.5	229.2	198.9	168.6	138.3	168.6	198.9	229.2	259.5	274.6
120°	387.4	379.6	364.0	348.4	332.8	317.2	332.8	348.4	364.0	379.6	387.4
122.5°	414.9	415.0	415.1	415.2	415.4	415.5	415.4	415.2	415.1	415.0	414.9
125°	443.0	443.2	443.5	443.9	444.2	444.6	444.2	443.9	443.5	443.2	443.0
127.5°	470.1	470.2	470.3	470.4	470.5	470.6	470.5	470.4	470.3	470.2	470.1
130°	495.0	494.9	494.8	494.7	494.6	494.5	494.6	494.7	494.8	494.9	495.0
132.5°	518.4	518.3	518.2	518.1	518.0	517.9	518.0	518.1	518.2	518.3	518.4
135°	541.3	541.2	541.0	540.7	540.5	540.3	540.5	540.7	541.0	541.2	541.3
137.5°	562.6	562.4	562.1	561.8	561.4	561.1	561.4	561.8	562.1	562.4	562.6
140°	582.9	582.6	582.0	581.5	580.9	580.3	580.9	581.5	582.0	582.6	582.9
142.5°	601.6	601.3	600.7	600.2	599.6	599.0	599.6	600.2	600.7	601.3	601.6
145°	618.8	618.5	617.9	617.4	616.8	616.2	616.8	617.4	617.9	618.5	618.8
147.5°	633.9	633.7	633.2	632.7	632.3	631.8	632.3	632.7	633.2	633.7	633.9
150°	648.4	648.1	647.5	647.0	646.4	645.8	646.4	647.0	647.5	648.1	648.4
152.5°	661.4	661.0	660.2	659.4	658.6	657.8	658.6	659.4	660.2	661.0	661.4
155°	672.9	672.4	671.5	670.6	669.6	668.7	669.6	670.6	671.5	672.4	672.9
157.5°	683.3	682.8	681.9	681.0	680.0	679.1	680.0	681.0	681.9	682.8	683.3
160°	691.6	691.2	690.4	689.5	688.7	687.9	688.7	689.5	690.4	691.2	691.6
162.5°	699.9	699.4	698.3	697.3	696.2	695.2	696.2	697.3	698.3	699.4	699.9
165°	706.1	705.7	704.9	704.1	703.3	702.5	703.3	704.1	704.9	705.7	706.1
167.5°	711.9	711.4	710.3	709.3	708.2	707.2	708.2	709.3	710.3	711.4	711.9
170°	716.0	715.5	714.4	713.4	712.3	711.3	712.3	713.4	714.4	715.5	716.0
172.5°	719.1	718.6	717.6	716.5	715.5	714.5	715.5	716.5	717.6	718.6	719.1
175°	721.2	720.6	719.5	718.3	717.2	716.0	717.2	718.3	719.5	720.6	721.2
177.5°	721.7	721.2	720.2	719.1	718.1	717.1	718.1	719.1	720.2	721.2	721.7
180°	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6

TEST NUMBER: P1008467

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6
2.5°	1399.2	1404.3	1402.3	1391.1	1402.3	1405.4	1411.5	1417.6	1421.7	1427.8	1432.9
5°	1311.5	1321.7	1327.8	1321.7	1342.1	1345.2	1359.4	1367.6	1379.9	1390.1	1398.2
7.5°	1228.8	1237.0	1249.2	1251.3	1263.5	1277.8	1298.2	1318.6	1338.0	1348.2	1357.4
10°	1140.0	1154.3	1172.7	1168.6	1187.0	1209.4	1230.8	1263.5	1279.8	1298.2	1314.5
12.5°	1051.2	1060.4	1084.9	1093.1	1119.6	1136.9	1166.5	1187.0	1227.8	1249.2	1263.5
15°	896.1	933.8	964.5	1001.2	1035.9	1068.6	1095.1	1131.8	1167.6	1183.9	1207.4
17.5°	825.7	843.0	861.4	879.8	924.7	982.8	1029.8	1069.6	1100.2	1121.6	1149.2
20°	752.2	769.5	789.9	807.3	834.9	876.7	934.9	1003.3	1040.0	1062.4	1089.0
22.5°	700.1	716.5	729.7	745.0	766.5	797.1	841.0	925.7	974.7	1002.2	1025.7
25°	644.0	664.4	678.7	689.9	707.3	741.0	776.7	824.6	912.4	933.8	966.5
27.5°	605.2	611.3	627.7	645.0	662.4	680.7	717.5	758.3	817.5	864.4	904.3
30°	559.3	574.6	589.9	597.1	612.4	638.9	661.3	705.2	751.2	787.9	835.9
32.5°	524.6	533.8	544.0	561.3	575.6	594.0	616.4	653.2	692.0	715.4	752.2
35°	485.8	491.9	513.4	520.5	534.8	553.2	575.6	604.2	646.0	664.4	690.9
37.5°	449.1	463.4	469.5	485.8	499.1	517.4	533.8	566.4	594.0	615.4	639.9
40°	420.5	426.6	437.8	452.1	463.4	477.6	498.1	521.5	551.1	568.5	589.9
42.5°	385.8	390.9	405.2	413.3	431.7	445.0	457.2	485.8	512.3	525.6	547.0
45°	348.0	360.3	369.5	385.8	396.0	412.3	427.6	448.0	472.5	487.8	500.1
47.5°	315.4	327.6	336.8	352.1	368.4	375.6	391.9	413.3	435.8	448.0	465.4
50°	288.8	292.9	310.3	317.4	334.8	349.0	360.3	378.6	403.1	410.3	424.6
52.5°	263.3	266.4	277.6	286.8	302.1	314.3	328.6	346.0	366.4	377.6	388.8
55°	240.9	242.9	248.0	258.2	268.4	283.7	297.0	313.3	330.7	342.9	353.1
57.5°	215.3	219.4	223.5	229.6	239.8	254.1	268.4	283.7	298.0	306.2	319.4
60°	185.7	191.9	199.0	206.2	213.3	223.5	239.8	254.1	267.4	274.5	284.7
62.5°	154.1	166.4	172.5	180.6	186.8	196.0	208.2	224.5	233.7	242.9	251.1
65°	138.8	139.8	140.8	149.0	160.2	169.4	180.6	192.9	207.2	213.3	219.4
67.5°	123.5	124.5	126.6	127.6	131.7	141.9	154.1	167.4	178.6	182.7	188.8
70°	108.2	108.2	112.3	113.3	114.3	115.3	125.5	138.8	149.0	154.1	161.3
72.5°	91.9	92.9	94.9	95.9	98.0	100.0	103.1	110.2	122.5	127.6	135.7
75°	75.5	76.5	77.6	78.6	81.6	82.7	85.7	89.8	94.9	101.0	106.1
77.5°	60.2	60.2	61.2	63.3	65.3	66.3	69.4	71.4	73.5	76.5	80.6
80°	44.9	45.9	45.9	48.0	48.0	49.0	50.0	53.1	55.1	57.2	59.2
82.5°	30.6	32.7	32.7	32.7	33.7	34.7	35.7	35.7	37.8	38.8	41.8
85°	18.4	19.4	19.4	19.4	18.4	20.4	20.4	21.4	21.4	21.4	22.5
87.5°	7.1	6.1	7.1	7.1	7.1	8.2	7.1	7.1	8.2	9.2	9.2
90°	12.7	12.1	11.6	11.0	10.4	9.5	8.5	7.6	6.7	6.2	5.6
92.5°	13.4	13.2	12.9	12.7	12.5	12.1	11.8	11.4	11.1	10.9	11.1
95°	22.6	22.0	21.5	20.9	20.3	19.5	18.7	17.8	17.0	16.6	18.5
97.5°	27.9	27.6	27.2	26.9	26.5	24.7	22.8	21.0	19.1	18.2	22.9
100°	33.3	32.4	31.5	30.5	29.6	27.6	25.7	23.7	21.8	20.8	28.7
102.5°	35.8	34.5	33.2	32.0	30.7	51.7	72.7	93.8	114.8	125.3	125.4
105°	36.8	35.5	34.2	33.0	31.7	63.3	94.8	126.4	157.9	173.7	172.0
107.5°	37.9	36.6	35.3	34.1	32.8	71.7	110.7	149.6	188.5	208.0	206.6
110°	44.8	56.3	67.9	79.4	91.0	124.4	157.8	191.2	224.6	241.3	240.1

TEST NUMBER: P1008467

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	64.9	114.7	164.6	214.4	264.2	266.2	268.1	270.1	272.0	273.0	272.0
115°	106.8	160.3	213.8	267.3	320.8	317.9	315.0	312.1	309.2	307.8	306.8
117.5°	282.9	299.4	315.9	332.4	348.9	346.9	345.0	343.0	341.1	340.1	338.9
120°	386.7	385.3	383.9	382.5	381.1	379.0	377.0	374.9	372.8	371.8	370.9
122.5°	414.6	413.9	413.2	412.5	411.8	409.5	407.2	404.9	402.6	401.4	400.5
125°	442.6	441.8	441.0	440.2	439.4	437.2	435.0	432.8	430.6	429.5	428.7
127.5°	469.5	468.4	467.2	466.1	464.9	463.2	461.4	459.7	458.0	457.1	456.3
130°	494.4	493.1	491.8	490.6	489.3	488.0	486.8	485.5	484.2	483.6	482.7
132.5°	517.9	516.8	515.8	514.7	513.7	512.4	511.2	509.9	508.6	508.0	507.3
135°	540.7	539.6	538.4	537.3	536.1	535.1	534.0	533.0	531.9	531.4	530.5
137.5°	562.0	560.9	559.7	558.6	557.4	556.2	555.1	553.9	552.8	552.2	551.5
140°	582.4	581.3	580.3	579.2	578.2	576.9	575.7	574.4	573.1	572.5	572.0
142.5°	601.1	600.2	599.3	598.4	597.5	596.0	594.5	593.0	591.5	590.7	590.3
145°	618.4	617.6	616.7	615.9	615.1	613.1	611.2	609.2	607.3	606.3	606.4
147.5°	633.6	633.0	632.5	631.9	631.3	629.3	627.3	625.4	623.4	622.4	622.6
150°	648.1	647.4	646.7	646.0	645.3	643.5	641.6	639.8	637.9	637.0	637.4
152.5°	661.1	660.4	659.7	659.0	658.3	656.6	654.8	653.1	651.4	650.5	651.0
155°	672.5	671.8	671.1	670.4	669.7	668.3	666.9	665.6	664.2	663.5	664.0
157.5°	682.9	682.1	681.2	680.4	679.6	678.6	677.5	676.5	675.4	674.9	675.4
160°	691.3	690.6	689.9	689.2	688.5	687.8	687.1	686.4	685.7	685.3	685.7
162.5°	699.5	698.7	697.9	697.1	696.3	695.7	695.1	694.6	694.0	693.7	694.0
165°	705.7	704.9	704.1	703.3	702.5	702.1	701.8	701.4	701.1	700.9	701.3
167.5°	711.5	710.7	709.8	709.0	708.2	707.9	707.5	707.2	706.9	706.7	707.0
170°	715.6	714.8	714.0	713.2	712.4	712.2	711.9	711.7	711.4	711.3	711.7
172.5°	718.7	717.9	717.1	716.3	715.5	715.3	715.1	714.8	714.6	714.5	714.8
175°	720.8	720.0	719.2	718.4	717.6	717.4	717.1	716.9	716.6	716.5	716.9
177.5°	721.3	720.5	719.7	718.9	718.1	718.0	717.9	717.8	717.7	717.6	718.0
180°	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6	718.6

TEST NUMBER: P1008467

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1468.6	1468.6	1468.6	1468.6
2.5°	1442.1	1439.0	1457.4	1477.8
5°	1412.5	1417.6	1441.1	1469.7
7.5°	1381.9	1393.1	1420.7	1458.4
10°	1339.0	1359.4	1401.3	1440.1
12.5°	1297.2	1324.7	1364.5	1410.5
15°	1250.2	1280.9	1329.8	1385.0
17.5°	1198.2	1232.9	1290.0	1350.3
20°	1143.1	1189.0	1249.2	1314.5
22.5°	1081.8	1136.9	1199.2	1271.7
25°	1022.6	1082.9	1145.1	1228.8
27.5°	964.5	1023.7	1093.1	1177.8
30°	906.3	960.4	1034.9	1125.7
32.5°	844.0	900.2	978.8	1071.6
35°	786.9	843.0	916.5	1008.4
37.5°	725.6	785.9	856.3	951.2
40°	654.2	724.6	793.0	883.8
42.5°	595.0	669.5	735.9	821.6
45°	548.1	618.5	673.6	757.3
47.5°	504.2	561.3	617.5	695.0
50°	462.3	506.2	564.4	633.8
52.5°	419.5	457.2	507.2	572.6
55°	380.7	416.4	461.3	511.3
57.5°	345.0	370.5	415.4	460.3
60°	305.2	331.7	366.4	404.2
62.5°	271.5	291.9	324.6	356.2
65°	235.8	255.2	279.6	309.2
67.5°	203.1	220.4	239.8	263.3
70°	173.5	186.8	201.1	221.5
72.5°	141.9	156.2	169.4	185.7
75°	116.3	122.5	133.7	144.9
77.5°	89.8	98.0	104.1	113.3
80°	64.3	71.4	73.5	80.6
82.5°	42.9	46.9	51.0	53.1
85°	24.5	26.5	30.6	31.6
87.5°	9.2	10.2	12.2	14.3
90°	4.3	3.0	1.8	0.5
92.5°	11.6	12.1	12.5	13.0
95°	22.3	26.2	30.0	33.8
97.5°	32.4	41.9	51.3	60.8
100°	44.5	60.4	76.2	92.0
102.5°	125.7	125.9	126.2	126.4
105°	168.5	165.0	161.6	158.1
107.5°	203.7	200.8	197.9	195.0
110°	237.7	235.2	232.8	230.4

TEST NUMBER: P1008467

CATALOG NUMBER: S122RDIP-B675D530UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	269.9	267.8	265.7	263.6
115°	304.9	302.9	301.0	299.0
117.5°	336.6	334.3	332.0	329.7
120°	369.2	367.5	365.7	364.0
122.5°	398.6	396.8	394.9	393.1
125°	427.2	425.7	424.2	422.7
127.5°	454.7	453.0	451.4	449.8
130°	480.8	479.0	477.1	475.3
132.5°	505.8	504.3	502.8	501.3
135°	528.6	526.8	524.9	523.1
137.5°	550.1	548.8	547.4	546.0
140°	571.1	570.2	569.2	568.3
142.5°	589.5	588.7	587.9	587.1
145°	606.5	606.6	606.7	606.8
147.5°	622.9	623.3	623.6	624.0
150°	638.2	639.0	639.8	640.6
152.5°	651.9	652.8	653.8	654.7
155°	665.1	666.1	667.2	668.2
157.5°	676.3	677.2	678.2	679.1
160°	686.4	687.1	687.8	688.5
162.5°	694.7	695.4	696.1	696.8
165°	702.0	702.7	703.4	704.1
167.5°	707.7	708.4	709.1	709.8
170°	712.4	713.1	713.8	714.5
172.5°	715.5	716.2	716.9	717.6
175°	717.7	718.6	719.4	720.2
177.5°	718.8	719.6	720.4	721.2
180°	718.6	718.6	718.6	718.6

(END OF REPORT)