

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: P1032922

Luminaire Tested: S124RDIW-B1195D470UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1032922
REPORT IS A COMBINATION OF REPORTS P1000181 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S124RDIW-B1195D470UB2750-4F0-XX-W2A-A_3500K
Description: Define 4 Regressed Direct/Indirect Wall Mount with 3500K BioUP LEDs {m-DER=0.721}
{m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

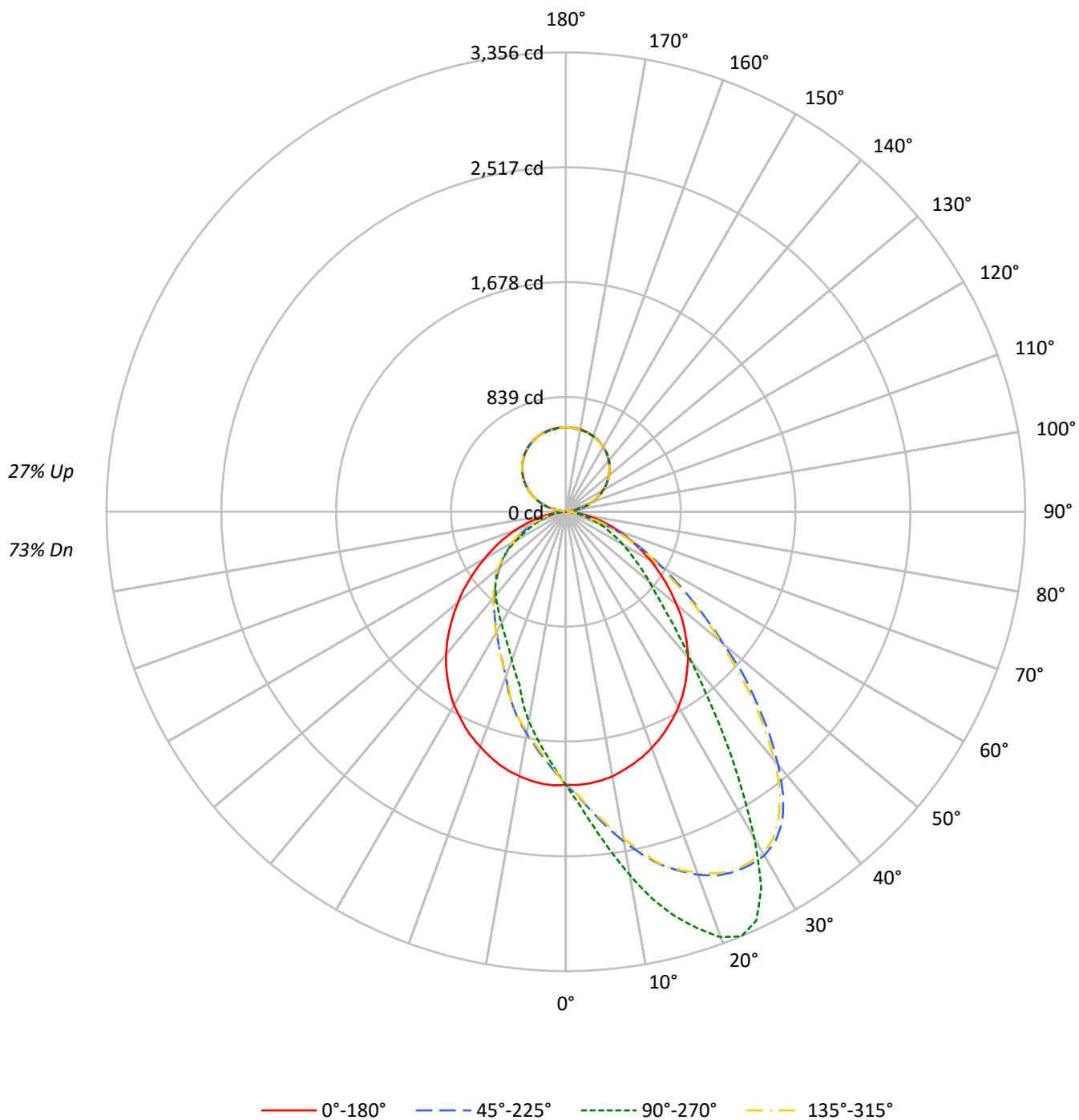
Lumens per Lamp: N/A
Luminaire Lumens: 6947.0 lumens
Efficiency: N/A
Efficacy: 93.2 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 74.5
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	113	113	113	113	107	107	107	107	96	96	96	86	86	86	77	77	77	77	77	77
1	104	99	96	92	98	94	91	88	85	83	80	77	75	73	69	68	66	66	66	63
2	95	88	82	76	90	83	78	73	76	71	68	68	65	62	62	59	57	57	57	53
3	87	78	70	65	82	74	67	62	67	62	58	61	57	53	55	52	49	49	49	46
4	80	69	61	55	76	66	59	53	60	54	50	55	50	46	50	46	43	43	43	40
5	74	62	54	48	70	59	52	46	54	48	43	49	44	41	45	41	38	38	38	35
6	68	56	48	42	65	54	46	41	49	43	38	45	40	36	41	37	34	34	34	31
7	63	51	43	37	60	49	41	36	45	39	34	41	36	32	38	33	30	30	30	28
8	59	46	39	33	56	45	37	32	41	35	31	38	33	29	35	30	27	27	27	25
9	55	43	35	30	52	41	34	29	38	32	28	35	30	26	32	28	25	25	25	23
10	51	39	32	27	49	38	31	26	35	29	25	32	27	24	30	25	22	22	22	21

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16265	16265	16265	16265
5°	16264	18378	16291	14047
10°	16178	21186	16165	12216
15°	15985	23844	15985	10228
20°	15784	25851	15701	9007
25°	15537	25962	15466	8134
30°	15276	22077	15157	7535
35°	14906	16657	14718	7088
40°	14495	12072	14210	6739
45°	13815	9175	13472	6430
50°	13008	7415	12652	5977
55°	12134	6140	11736	5374
60°	11255	5192	10753	4470
65°	10155	4229	9831	3553
70°	9143	3429	8714	2886
75°	8011	2472	7458	2114
80°	6609	1638	6017	1555
85°	4795	843	3973	843

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 20362 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	193.1	2.8
10°-20°	583.2	8.4
20°-30°	913.6	13.2
30°-40°	1014.5	14.6
40°-50°	899.0	12.9
50°-60°	700.6	10.1
60°-70°	458.3	6.6
70°-80°	224.9	3.2
80°-90°	56.0	0.8
90°-100°	20.4	0.3
100°-110°	134.5	1.9
110°-120°	256.8	3.7
120°-130°	326.0	4.7
130°-140°	348.8	5.0
140°-150°	326.1	4.7
150°-160°	263.0	3.8
160°-170°	169.6	2.4
170°-180°	58.5	0.8
0°-30°	1690.0	24.3
0°-40°	2704.5	38.9
0°-60°	4304.1	62.0
0°-90°	5043.3	72.6
90°-120°	411.7	5.9
90°-150°	1412.6	20.3
90°-180°	1904.0	27.4
0°-180°	6947.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1995	1995	1995	1995	1995	
5°	1991	2305	1995	1762	1991	189
15°	1906	3054	1906	1310	1906	538
25°	1747	3293	1739	1032	1747	805
35°	1524	2028	1504	863	1524	952
45°	1228	1037	1197	726	1228	947
55°	884	619	855	542	884	790
65°	554	362	537	304	554	553
75°	278	167	259	143	278	295
85°	66	40	55	40	66	74
90°	1	14	1	14	1	6
95°	25	13	25	13	25	31
105°	138	131	138	131	138	145
115°	259	260	259	260	259	255
125°	364	366	364	366	364	325
135°	451	454	451	454	451	347
145°	520	523	520	523	520	325
155°	570	570	570	570	570	263
165°	601	599	601	599	601	170
175°	615	612	615	612	615	59
180°	615	615	615	615	615	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6
2.5°	1997.8	2015.4	2025.1	2033.1	2049.2	2055.6	2068.5	2071.7	2084.6	2083.0	2078.1
5°	1991.3	2021.9	2044.4	2068.5	2097.4	2113.5	2131.2	2156.9	2169.7	2187.4	2198.7
7.5°	1980.1	2021.9	2058.8	2095.8	2142.4	2168.1	2190.6	2230.8	2264.6	2293.5	2325.6
10°	1962.4	2015.4	2070.1	2119.9	2184.2	2214.7	2248.5	2308.0	2354.6	2394.8	2446.2
12.5°	1935.1	2009.0	2070.1	2137.6	2219.6	2261.4	2306.4	2377.1	2431.7	2497.6	2561.9
15°	1906.2	1988.1	2068.5	2156.9	2250.1	2298.3	2343.3	2438.1	2521.7	2597.3	2668.0
17.5°	1874.0	1964.0	2052.4	2150.5	2263.0	2322.4	2375.5	2489.6	2581.2	2679.2	2749.9
20°	1835.4	1933.5	2034.7	2144.0	2271.0	2336.9	2396.4	2526.5	2627.8	2733.9	2822.3
22.5°	1793.7	1899.7	2010.6	2129.6	2261.4	2333.7	2402.8	2542.6	2659.9	2758.0	2876.9
25°	1747.0	1859.5	1973.7	2099.0	2246.9	2325.6	2396.4	2534.6	2659.9	2788.5	2904.2
27.5°	1698.8	1814.5	1933.5	2065.3	2216.4	2293.5	2373.9	2507.3	2653.5	2793.3	2910.7
30°	1645.8	1758.3	1883.7	2009.0	2169.7	2246.9	2328.9	2473.5	2632.6	2772.4	2899.4
32.5°	1587.9	1703.6	1822.6	1952.8	2110.3	2193.8	2269.4	2433.3	2595.7	2733.9	2852.8
35°	1523.6	1632.9	1745.4	1878.8	2034.7	2110.3	2200.3	2370.6	2534.6	2680.8	2758.0
37.5°	1454.5	1559.0	1663.5	1795.3	1944.7	2036.3	2124.7	2296.7	2470.3	2568.3	2608.5
40°	1390.2	1481.9	1573.5	1700.4	1851.5	1946.3	2036.3	2214.7	2367.4	2443.0	2412.4
42.5°	1308.3	1403.1	1485.1	1602.4	1755.1	1843.5	1935.1	2119.9	2243.7	2274.2	2198.7
45°	1227.9	1306.7	1385.4	1499.5	1660.3	1735.8	1833.8	2005.8	2108.7	2081.3	1970.4
47.5°	1149.2	1213.4	1287.4	1398.3	1542.9	1632.9	1724.5	1874.0	1946.3	1907.8	1753.5
50°	1055.9	1120.2	1197.4	1293.8	1433.6	1520.4	1592.8	1731.0	1785.6	1690.8	1504.4
52.5°	967.5	1023.8	1089.7	1179.7	1313.1	1391.8	1470.6	1589.5	1607.2	1497.9	1301.8
55°	884.0	929.0	998.1	1070.4	1192.6	1276.1	1330.8	1432.0	1427.2	1290.6	1121.8
57.5°	797.2	839.0	885.6	961.1	1076.8	1139.5	1199.0	1287.4	1240.8	1125.1	957.9
60°	720.0	744.1	790.8	863.1	961.1	1015.8	1062.4	1110.6	1070.4	945.0	816.5
62.5°	634.9	662.2	695.9	753.8	840.6	892.0	925.8	946.6	904.9	808.4	691.1
65°	554.5	578.6	614.0	665.4	731.3	769.9	787.5	802.0	779.5	670.2	577.0
67.5°	482.2	498.2	530.4	564.1	634.9	644.5	668.6	675.0	630.0	546.5	472.5
70°	409.8	425.9	440.4	480.6	512.7	530.4	535.2	535.2	490.2	435.6	374.5
72.5°	342.3	352.0	366.4	393.8	411.4	424.3	430.7	422.7	380.9	335.9	290.9
75°	278.0	282.9	295.7	313.4	327.9	323.1	321.4	311.8	281.3	249.1	223.4
77.5°	213.8	217.0	231.4	236.3	236.3	241.1	234.7	225.0	199.3	175.2	163.9
80°	160.7	165.5	167.2	170.4	167.2	167.2	162.3	146.3	133.4	122.1	114.1
82.5°	110.9	114.1	115.7	110.9	114.1	109.3	101.3	90.0	82.0	80.4	77.1
85°	65.9	67.5	65.9	65.9	61.1	59.5	53.0	51.4	48.2	48.2	46.6
87.5°	32.1	30.5	27.3	24.1	24.1	22.5	24.1	20.9	24.1	22.5	20.9
90°	1.4	2.5	3.6	4.7	5.8	6.4	6.8	7.6	8.5	9.3	10.1
92.5°	6.9	6.7	6.5	6.3	6.1	6.0	6.4	7.2	8.1	8.9	9.7
95°	25.3	21.8	18.4	14.9	11.4	9.7	9.7	9.8	9.9	10.0	10.1
97.5°	48.3	50.5	52.8	55.0	57.3	58.4	53.0	42.3	31.6	20.8	10.1
100°	75.5	77.3	79.1	81.0	82.8	83.7	76.6	62.5	48.4	34.3	20.2
102.5°	105.8	107.0	108.3	109.5	110.8	111.4	112.0	113.2	114.5	115.7	116.9
105°	138.5	139.1	139.7	140.4	141.0	141.3	141.6	142.1	142.6	143.1	143.6
107.5°	168.4	168.7	169.0	169.3	169.6	169.8	170.2	170.9	171.6	172.3	173.0
110°	198.8	199.1	199.4	199.7	200.0	200.2	200.5	201.1	201.7	202.3	202.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	228.2	228.8	229.4	230.1	230.7	231.0	231.1	231.3	231.5	231.7	231.9
115°	258.6	258.9	259.2	259.5	259.8	260.0	259.9	259.8	259.7	259.6	259.5
117.5°	285.8	286.2	286.6	287.0	287.4	287.6	287.8	288.1	288.4	288.7	289.0
120°	313.4	313.8	314.2	314.6	315.0	315.2	315.1	315.0	314.9	314.8	314.7
122.5°	339.1	339.3	339.5	339.8	340.0	340.1	340.2	340.4	340.6	340.8	341.0
125°	363.5	363.9	364.3	364.8	365.2	365.4	365.3	365.1	364.8	364.6	364.4
127.5°	387.0	387.1	387.2	387.3	387.4	387.5	387.8	388.3	388.8	389.3	389.8
130°	409.5	409.6	409.7	409.8	409.9	410.0	410.2	410.5	410.8	411.1	411.4
132.5°	430.2	430.4	430.6	430.9	431.1	431.2	431.4	431.8	432.2	432.6	433.0
135°	451.0	450.9	450.8	450.7	450.6	450.5	450.7	451.1	451.5	451.9	452.3
137.5°	469.4	469.4	469.4	469.4	469.4	469.4	469.7	470.2	470.7	471.2	471.7
140°	487.3	487.5	487.7	487.9	488.1	488.2	488.3	488.5	488.7	488.9	489.1
142.5°	503.4	503.8	504.2	504.7	505.1	505.3	505.3	505.4	505.5	505.6	505.7
145°	520.0	520.3	520.6	520.9	521.2	521.4	521.4	521.4	521.4	521.4	521.4
147.5°	532.9	533.5	534.1	534.7	535.3	535.6	535.6	535.5	535.4	535.3	535.2
150°	547.1	547.5	547.9	548.4	548.8	549.0	548.9	548.8	548.7	548.6	548.5
152.5°	559.1	559.4	559.7	560.0	560.3	560.5	560.4	560.2	559.9	559.7	559.5
155°	570.1	570.2	570.3	570.4	570.5	570.6	570.4	570.1	569.8	569.5	569.2
157.5°	579.8	579.8	579.8	579.8	579.8	579.8	579.6	579.2	578.8	578.4	578.0
160°	588.1	587.8	587.5	587.2	586.9	586.7	586.6	586.5	586.4	586.3	586.2
162.5°	595.4	595.0	594.6	594.2	593.8	593.6	593.5	593.4	593.3	593.2	593.1
165°	601.4	600.9	600.4	599.9	599.4	599.1	599.1	599.1	599.1	599.1	599.1
167.5°	606.5	606.0	605.5	605.0	604.5	604.2	604.1	604.0	603.9	603.8	603.7
170°	610.6	610.0	609.4	608.8	608.2	607.9	607.9	608.0	608.1	608.2	608.3
172.5°	613.4	612.8	612.2	611.5	610.9	610.6	610.7	610.8	610.9	611.0	611.1
175°	615.2	614.6	614.0	613.4	612.8	612.5	612.5	612.6	612.7	612.8	612.9
177.5°	616.6	615.9	615.2	614.5	613.8	613.4	613.5	613.7	613.9	614.1	614.3
180°	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6
2.5°	2091.0	2108.7	2110.3	2126.3	2121.5	2113.5	2128.0	2118.3	2137.6	2131.2	2139.2
5°	2213.1	2237.2	2258.1	2271.0	2293.5	2288.7	2312.8	2304.7	2322.4	2304.7	2327.2
7.5°	2356.2	2396.4	2417.3	2451.0	2460.6	2462.3	2491.2	2497.6	2508.9	2497.6	2510.5
10°	2496.0	2544.2	2592.4	2619.8	2637.4	2661.5	2687.3	2698.5	2706.6	2695.3	2703.3
12.5°	2623.0	2698.5	2751.6	2806.2	2819.1	2839.9	2867.3	2864.1	2896.2	2889.8	2904.2
15°	2740.3	2823.9	2888.2	2931.6	2966.9	2984.6	3036.0	3039.2	3037.6	3053.7	3044.1
17.5°	2844.8	2915.5	3007.1	3063.4	3106.7	3106.7	3135.7	3195.1	3190.3	3188.7	3198.4
20°	2930.0	3010.3	3095.5	3190.3	3225.7	3232.1	3272.3	3302.8	3307.6	3307.6	3307.6
22.5°	2994.2	3089.1	3180.7	3248.2	3275.5	3298.0	3333.4	3352.7	3359.1	3355.9	3359.1
25°	3026.4	3116.4	3209.6	3270.7	3286.8	3299.6	3302.8	3314.1	3312.5	3293.2	3304.4
27.5°	3032.8	3119.6	3180.7	3196.8	3188.7	3180.7	3129.2	3134.1	3119.6	3090.7	3101.9
30°	3003.9	3050.5	3048.9	2999.1	2984.6	2950.8	2904.2	2835.1	2778.9	2754.8	2762.8
32.5°	2899.4	2899.4	2841.6	2729.1	2679.2	2618.2	2534.6	2471.9	2398.0	2381.9	2412.4
35°	2754.8	2672.8	2566.7	2418.9	2343.3	2298.3	2153.7	2108.7	2046.0	2028.3	2042.8
37.5°	2529.8	2393.1	2238.9	2100.6	2036.3	1956.0	1829.0	1764.7	1719.7	1689.2	1703.6
40°	2277.4	2111.9	1951.2	1780.8	1710.1	1644.2	1549.4	1491.5	1419.2	1422.4	1427.2
42.5°	2036.3	1841.9	1661.9	1504.4	1436.9	1382.2	1316.3	1245.6	1219.9	1211.8	1203.8
45°	1780.8	1573.5	1404.7	1287.4	1226.3	1174.9	1113.8	1073.6	1043.1	1036.7	1044.7
47.5°	1539.7	1364.5	1203.8	1094.5	1044.7	1019.0	970.8	933.8	914.5	898.4	908.1
50°	1321.1	1157.2	1028.6	937.0	901.6	884.0	839.0	819.7	800.4	795.6	794.0
52.5°	1141.1	1001.3	890.4	816.5	789.1	779.5	745.7	718.4	702.4	707.2	710.4
55°	977.2	858.3	771.5	712.0	689.5	678.2	654.1	634.9	623.6	618.8	622.0
57.5°	832.5	729.7	667.0	618.8	601.1	596.3	570.6	564.1	556.1	551.3	551.3
60°	700.7	628.4	570.6	543.2	524.0	519.1	499.8	491.8	490.2	485.4	482.2
62.5°	589.8	530.4	490.2	461.3	453.2	451.6	438.8	429.1	424.3	421.1	421.1
65°	493.4	450.0	416.3	395.4	388.9	385.7	371.3	368.1	364.8	361.6	360.0
67.5°	411.4	372.9	348.8	334.3	326.3	327.9	319.8	313.4	313.4	311.8	310.2
70°	332.7	308.6	287.7	279.7	276.4	273.2	270.0	265.2	263.6	263.6	263.6
72.5°	262.0	245.9	234.7	229.8	226.6	223.4	220.2	220.2	220.2	218.6	218.6
75°	200.9	194.5	186.4	181.6	181.6	184.8	180.0	175.2	170.4	167.2	168.8
77.5°	151.1	147.9	143.0	135.0	136.6	133.4	133.4	130.2	131.8	131.8	128.6
80°	110.9	106.1	104.5	99.6	101.3	99.6	98.0	98.0	94.8	94.8	94.8
82.5°	77.1	72.3	72.3	70.7	69.1	69.1	67.5	67.5	69.1	65.9	65.9
85°	46.6	45.0	45.0	41.8	41.8	41.8	41.8	43.4	41.8	40.2	40.2
87.5°	20.9	22.5	20.9	19.3	19.3	19.3	17.7	17.7	16.1	17.7	17.7
90°	10.7	11.3	12.0	12.6	12.9	13.0	13.2	13.4	13.6	13.8	13.6
92.5°	10.3	10.9	11.5	12.1	12.4	12.4	12.4	12.4	12.4	12.4	12.4
95°	10.7	11.3	12.0	12.6	12.9	12.9	13.0	13.1	13.2	13.3	13.2
97.5°	10.6	11.1	11.6	12.1	12.4	12.5	12.6	12.7	12.8	12.9	12.8
100°	18.5	16.7	15.0	13.3	12.4	12.5	12.6	12.7	12.8	12.9	12.8
102.5°	93.9	70.9	47.8	24.8	13.3	13.3	13.3	13.3	13.3	13.3	13.3
105°	144.5	145.4	146.3	147.2	147.7	145.9	142.2	138.5	134.8	131.1	134.8
107.5°	173.5	174.0	174.5	175.0	175.3	175.5	175.9	176.4	176.8	177.2	176.8
110°	203.1	203.3	203.5	203.7	203.8	204.0	204.3	204.6	204.9	205.2	204.9

TEST NUMBER: P1032922

CATALOG NUMBER: S124RDIW-B1195D470UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	231.8	231.7	231.6	231.5	231.5	231.7	232.1	232.5	232.9	233.3	232.9
115°	259.7	259.9	260.1	260.3	260.4	260.4	260.4	260.4	260.4	260.4	260.4
117.5°	288.9	288.8	288.7	288.6	288.5	288.5	288.5	288.5	288.5	288.5	288.5
120°	314.9	315.1	315.4	315.6	315.7	315.6	315.4	315.1	314.9	314.7	314.9
122.5°	341.1	341.2	341.3	341.4	341.4	341.3	341.1	340.9	340.7	340.5	340.7
125°	364.7	365.0	365.3	365.6	365.8	365.9	366.0	366.1	366.2	366.3	366.2
127.5°	389.7	389.6	389.5	389.4	389.3	389.2	389.1	389.0	388.9	388.8	388.9
130°	411.5	411.6	411.7	411.8	411.8	411.8	411.8	411.8	411.8	411.8	411.8
132.5°	433.1	433.2	433.3	433.4	433.5	433.4	433.3	433.2	433.1	433.0	433.1
135°	452.5	452.7	453.0	453.2	453.3	453.4	453.6	453.8	454.0	454.2	454.0
137.5°	471.9	472.1	472.3	472.5	472.6	472.5	472.4	472.3	472.2	472.1	472.2
140°	489.4	489.7	490.0	490.3	490.5	490.6	490.7	490.8	490.9	491.0	490.9
142.5°	505.9	506.1	506.3	506.5	506.6	506.6	506.6	506.6	506.6	506.6	506.6
145°	521.5	521.6	521.7	521.8	521.8	521.9	522.1	522.3	522.5	522.7	522.5
147.5°	535.3	535.4	535.5	535.6	535.6	535.7	535.8	535.9	536.0	536.1	536.0
150°	548.5	548.5	548.5	548.5	548.5	548.6	548.7	548.8	548.9	549.0	548.9
152.5°	559.7	559.9	560.2	560.4	560.5	560.4	560.3	560.2	560.1	560.0	560.1
155°	569.6	570.0	570.5	570.9	571.1	570.9	570.6	570.3	570.0	569.7	570.0
157.5°	578.5	579.0	579.5	580.0	580.3	580.0	579.5	579.0	578.5	578.0	578.5
160°	586.8	587.4	588.1	588.7	589.0	588.7	588.1	587.4	586.8	586.2	586.8
162.5°	593.7	594.3	595.0	595.6	595.9	595.5	594.8	594.1	593.4	592.7	593.4
165°	599.9	600.7	601.6	602.4	602.8	602.3	601.4	600.5	599.6	598.7	599.6
167.5°	604.6	605.6	606.5	607.4	607.9	607.4	606.4	605.3	604.3	603.3	604.3
170°	609.1	609.9	610.8	611.6	612.0	611.5	610.5	609.4	608.4	607.4	608.4
172.5°	611.9	612.7	613.6	614.4	614.8	614.2	613.1	612.0	610.8	609.7	610.8
175°	613.8	614.8	615.7	616.6	617.1	616.5	615.2	614.0	612.7	611.5	612.7
177.5°	615.1	615.9	616.8	617.6	618.0	617.4	616.2	614.9	613.7	612.5	613.7
180°	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2

TEST NUMBER: P1032922

CATALOG NUMBER: S124RDIW-B1195D470UB2750-4FO-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6
2.5°	2144.0	2132.8	2131.2	2131.2	2113.5	2123.1	2103.8	2083.0	2073.3	2073.3	2055.6
5°	2322.4	2311.2	2299.9	2282.2	2282.2	2272.6	2242.1	2211.5	2189.0	2169.7	2148.8
7.5°	2505.6	2494.4	2462.3	2444.6	2454.2	2434.9	2394.8	2343.3	2304.7	2274.2	2230.8
10°	2704.9	2674.4	2658.3	2648.7	2614.9	2594.0	2547.4	2471.9	2423.7	2383.5	2327.2
12.5°	2867.3	2876.9	2815.8	2820.7	2786.9	2758.0	2685.7	2613.3	2541.0	2484.8	2401.2
15°	3042.5	3013.5	2976.6	2947.6	2936.4	2901.0	2839.9	2743.5	2664.8	2576.4	2481.5
17.5°	3180.7	3158.2	3122.8	3095.5	3071.4	2986.2	2934.8	2849.6	2741.9	2655.1	2539.4
20°	3298.0	3277.1	3227.3	3209.6	3166.2	3105.1	3031.2	2899.4	2803.0	2708.2	2595.7
22.5°	3347.8	3326.9	3283.5	3261.0	3233.7	3174.3	3103.5	2978.2	2859.2	2740.3	2621.4
25°	3306.0	3306.0	3285.1	3277.1	3253.0	3200.0	3127.6	3021.6	2894.6	2766.0	2624.6
27.5°	3103.5	3143.7	3158.2	3166.2	3166.2	3167.8	3118.0	3015.1	2891.4	2766.0	2618.2
30°	2811.0	2878.5	2938.0	2955.7	2986.2	3020.0	3040.9	2991.0	2880.1	2748.3	2600.5
32.5°	2443.0	2529.8	2640.7	2668.0	2709.8	2811.0	2867.3	2888.2	2827.1	2711.4	2553.9
35°	2076.5	2185.8	2253.3	2336.9	2375.5	2524.9	2650.3	2725.8	2711.4	2642.3	2499.2
37.5°	1756.7	1819.4	1901.3	1989.7	2066.9	2209.9	2365.8	2512.1	2571.5	2537.8	2430.1
40°	1449.7	1523.6	1621.7	1694.0	1747.0	1890.1	2083.0	2242.1	2372.3	2393.1	2327.2
42.5°	1232.7	1306.7	1366.1	1444.9	1486.7	1624.9	1795.3	1994.6	2148.8	2230.8	2201.9
45°	1065.6	1110.6	1158.8	1203.8	1255.2	1377.4	1534.9	1753.5	1927.1	2042.8	2054.0
47.5°	919.3	959.5	1001.3	1043.1	1072.0	1166.8	1311.5	1489.9	1679.5	1838.7	1901.3
50°	816.5	835.8	866.3	890.4	924.1	1006.1	1121.8	1276.1	1477.0	1649.0	1731.0
52.5°	715.2	739.3	763.4	784.3	806.8	864.7	970.8	1104.2	1277.7	1454.5	1555.8
55°	630.0	649.3	671.8	686.3	699.1	750.6	830.9	933.8	1083.3	1250.4	1375.8
57.5°	560.9	569.0	588.2	596.3	610.7	652.5	710.4	802.0	922.5	1084.9	1187.7
60°	485.4	501.5	515.9	522.3	533.6	562.5	602.7	687.9	792.4	911.3	1028.6
62.5°	424.3	430.7	442.0	450.0	458.1	488.6	522.3	586.6	665.4	765.0	872.7
65°	368.1	371.3	377.7	388.9	393.8	416.3	435.6	482.2	556.1	631.6	739.3
67.5°	310.2	313.4	321.4	327.9	332.7	347.2	368.1	401.8	442.0	525.6	585.0
70°	265.2	265.2	270.0	273.2	278.0	284.5	295.7	321.4	358.4	411.4	466.1
72.5°	221.8	221.8	221.8	226.6	226.6	231.4	237.9	255.5	281.3	323.1	358.4
75°	172.0	173.6	176.8	176.8	178.4	184.8	189.7	194.5	207.3	234.7	266.8
77.5°	130.2	133.4	135.0	131.8	135.0	135.0	141.4	147.9	154.3	162.3	186.4
80°	96.4	98.0	94.8	96.4	96.4	99.6	102.9	101.3	104.5	114.1	120.5
82.5°	64.3	65.9	65.9	65.9	65.9	70.7	70.7	69.1	70.7	72.3	73.9
85°	40.2	38.6	38.6	40.2	38.6	38.6	40.2	41.8	40.2	41.8	43.4
87.5°	17.7	17.7	17.7	17.7	16.1	16.1	17.7	16.1	17.7	16.1	14.5
90°	13.4	13.2	13.0	12.9	12.6	12.0	11.3	10.7	10.1	9.3	8.5
92.5°	12.4	12.4	12.4	12.4	12.1	11.5	10.9	10.3	9.7	8.9	8.1
95°	13.1	13.0	12.9	12.9	12.6	12.0	11.3	10.7	10.1	10.0	9.9
97.5°	12.7	12.6	12.5	12.4	12.1	11.6	11.1	10.6	10.1	20.8	31.6
100°	12.7	12.6	12.5	12.4	13.3	15.0	16.7	18.5	20.2	34.3	48.4
102.5°	13.3	13.3	13.3	13.3	24.8	47.8	70.9	93.9	116.9	115.7	114.5
105°	138.5	142.2	145.9	147.7	147.2	146.3	145.4	144.5	143.6	143.1	142.6
107.5°	176.4	175.9	175.5	175.3	175.0	174.5	174.0	173.5	173.0	172.3	171.6
110°	204.6	204.3	204.0	203.8	203.7	203.5	203.3	203.1	202.9	202.3	201.7

TEST NUMBER: P1032922

CATALOG NUMBER: S124RDIW-B1195D470UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	232.5	232.1	231.7	231.5	231.5	231.6	231.7	231.8	231.9	231.7	231.5
115°	260.4	260.4	260.4	260.4	260.3	260.1	259.9	259.7	259.5	259.6	259.7
117.5°	288.5	288.5	288.5	288.5	288.6	288.7	288.8	288.9	289.0	288.7	288.4
120°	315.1	315.4	315.6	315.7	315.6	315.4	315.1	314.9	314.7	314.8	314.9
122.5°	340.9	341.1	341.3	341.4	341.4	341.3	341.2	341.1	341.0	340.8	340.6
125°	366.1	366.0	365.9	365.8	365.6	365.3	365.0	364.7	364.4	364.6	364.8
127.5°	389.0	389.1	389.2	389.3	389.4	389.5	389.6	389.7	389.8	389.3	388.8
130°	411.8	411.8	411.8	411.8	411.8	411.7	411.6	411.5	411.4	411.1	410.8
132.5°	433.2	433.3	433.4	433.5	433.4	433.3	433.2	433.1	433.0	432.6	432.2
135°	453.8	453.6	453.4	453.3	453.2	453.0	452.7	452.5	452.3	451.9	451.5
137.5°	472.3	472.4	472.5	472.6	472.5	472.3	472.1	471.9	471.7	471.2	470.7
140°	490.8	490.7	490.6	490.5	490.3	490.0	489.7	489.4	489.1	488.9	488.7
142.5°	506.6	506.6	506.6	506.6	506.5	506.3	506.1	505.9	505.7	505.6	505.5
145°	522.3	522.1	521.9	521.8	521.8	521.7	521.6	521.5	521.4	521.4	521.4
147.5°	535.9	535.8	535.7	535.6	535.6	535.5	535.4	535.3	535.2	535.3	535.4
150°	548.8	548.7	548.6	548.5	548.5	548.5	548.5	548.5	548.5	548.6	548.7
152.5°	560.2	560.3	560.4	560.5	560.4	560.2	559.9	559.7	559.5	559.7	559.9
155°	570.3	570.6	570.9	571.1	570.9	570.5	570.0	569.6	569.2	569.5	569.8
157.5°	579.0	579.5	580.0	580.3	580.0	579.5	579.0	578.5	578.0	578.4	578.8
160°	587.4	588.1	588.7	589.0	588.7	588.1	587.4	586.8	586.2	586.3	586.4
162.5°	594.1	594.8	595.5	595.9	595.6	595.0	594.3	593.7	593.1	593.2	593.3
165°	600.5	601.4	602.3	602.8	602.4	601.6	600.7	599.9	599.1	599.1	599.1
167.5°	605.3	606.4	607.4	607.9	607.4	606.5	605.6	604.6	603.7	603.8	603.9
170°	609.4	610.5	611.5	612.0	611.6	610.8	609.9	609.1	608.3	608.2	608.1
172.5°	612.0	613.1	614.2	614.8	614.4	613.6	612.7	611.9	611.1	611.0	610.9
175°	614.0	615.2	616.5	617.1	616.6	615.7	614.8	613.8	612.9	612.8	612.7
177.5°	614.9	616.2	617.4	618.0	617.6	616.8	615.9	615.1	614.3	614.1	613.9
180°	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2

TEST NUMBER: P1032922

CATALOG NUMBER: S124RDIW-B1195D470UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6
2.5°	2046.0	2037.9	2033.1	2031.5	2017.1	2009.0	2004.2	2001.0	1996.2	1983.3	1972.1
5°	2123.1	2100.6	2089.4	2076.5	2054.0	2028.3	2007.4	1994.6	1978.5	1952.8	1928.7
7.5°	2195.5	2161.7	2139.2	2121.5	2083.0	2041.2	2007.4	1980.1	1949.6	1914.2	1880.4
10°	2271.0	2216.4	2187.4	2160.1	2103.8	2049.2	2001.0	1960.8	1917.4	1870.8	1833.8
12.5°	2330.5	2258.1	2226.0	2187.4	2118.3	2054.0	1992.9	1938.3	1882.0	1832.2	1779.2
15°	2399.6	2309.6	2272.6	2222.8	2128.0	2044.4	1965.6	1906.2	1848.3	1774.4	1718.1
17.5°	2439.8	2335.3	2282.2	2238.9	2136.0	2034.7	1943.1	1869.2	1801.7	1727.8	1668.3
20°	2479.9	2361.0	2301.5	2240.5	2118.3	2010.6	1914.2	1825.8	1755.1	1674.7	1613.6
22.5°	2492.8	2354.6	2291.9	2235.6	2107.1	1986.5	1875.6	1785.6	1703.6	1623.3	1554.2
25°	2492.8	2353.0	2279.0	2206.7	2071.7	1947.9	1837.0	1739.0	1647.4	1567.0	1497.9
27.5°	2467.1	2320.8	2243.7	2177.8	2037.9	1904.6	1790.4	1682.8	1594.4	1514.0	1435.2
30°	2434.9	2274.2	2197.1	2118.3	1983.3	1856.3	1732.6	1632.9	1539.7	1448.1	1377.4
32.5°	2394.8	2224.4	2139.2	2058.8	1915.8	1784.0	1669.9	1571.9	1483.5	1388.6	1309.9
35°	2336.9	2150.5	2055.6	1984.9	1846.7	1710.1	1600.8	1504.4	1419.2	1321.1	1235.9
37.5°	2263.0	2083.0	1986.5	1899.7	1756.7	1631.3	1528.5	1435.2	1351.7	1261.7	1166.8
40°	2176.2	1988.1	1904.6	1812.9	1661.9	1542.9	1446.5	1362.9	1279.3	1194.2	1102.5
42.5°	2078.1	1891.7	1798.5	1710.1	1565.4	1448.1	1358.1	1282.6	1205.4	1126.7	1028.6
45°	1960.8	1785.6	1695.6	1612.0	1472.2	1351.7	1269.7	1197.4	1131.5	1051.1	964.3
47.5°	1829.0	1676.3	1584.7	1494.7	1358.1	1253.6	1173.3	1112.2	1055.9	975.6	896.8
50°	1700.4	1549.4	1475.4	1383.8	1258.4	1160.4	1078.4	1027.0	983.6	904.9	834.1
52.5°	1538.1	1424.0	1353.3	1274.5	1154.0	1054.3	990.0	945.0	893.6	832.5	769.9
55°	1395.1	1289.0	1232.7	1158.8	1039.9	951.5	896.8	855.0	814.9	760.2	710.4
57.5°	1232.7	1166.8	1110.6	1046.3	929.0	853.4	805.2	769.9	732.9	687.9	647.7
60°	1062.4	1031.8	977.2	925.8	826.1	760.2	720.0	687.9	652.5	615.6	581.8
62.5°	911.3	893.6	861.5	821.3	728.1	671.8	631.6	607.5	581.8	548.1	515.9
65°	768.2	760.2	729.7	700.7	636.5	586.6	551.3	536.8	507.9	482.2	453.2
67.5°	641.3	631.6	614.0	601.1	546.5	499.8	482.2	462.9	438.8	419.5	395.4
70°	512.7	511.1	499.8	483.8	454.8	421.1	403.4	390.6	366.4	352.0	334.3
72.5°	398.6	406.6	397.0	390.6	371.3	347.2	331.1	323.1	303.8	292.5	279.7
75°	297.3	303.8	308.6	297.3	292.5	281.3	266.8	258.8	249.1	233.0	228.2
77.5°	202.5	217.0	217.0	220.2	221.8	215.4	204.1	197.7	186.4	183.2	176.8
80°	133.4	146.3	147.9	151.1	155.9	155.9	147.9	146.3	135.0	133.4	128.6
82.5°	77.1	88.4	94.8	99.6	98.0	104.5	98.0	96.4	90.0	90.0	86.8
85°	41.8	43.4	46.6	49.8	53.0	56.3	56.3	54.6	53.0	51.4	48.2
87.5°	16.1	16.1	17.7	16.1	17.7	20.9	22.5	22.5	20.9	19.3	16.1
90°	7.6	6.8	6.4	5.8	4.7	3.6	2.5	1.4	2.5	3.6	4.7
92.5°	7.2	6.4	6.0	6.1	6.3	6.5	6.7	6.9	6.7	6.5	6.3
95°	9.8	9.7	9.7	11.4	14.9	18.4	21.8	25.3	21.8	18.4	14.9
97.5°	42.3	53.0	58.4	57.3	55.0	52.8	50.5	48.3	50.5	52.8	55.0
100°	62.5	76.6	83.7	82.8	81.0	79.1	77.3	75.5	77.3	79.1	81.0
102.5°	113.2	112.0	111.4	110.8	109.5	108.3	107.0	105.8	107.0	108.3	109.5
105°	142.1	141.6	141.3	141.0	140.4	139.7	139.1	138.5	139.1	139.7	140.4
107.5°	170.9	170.2	169.8	169.6	169.3	169.0	168.7	168.4	168.7	169.0	169.3
110°	201.1	200.5	200.2	200.0	199.7	199.4	199.1	198.8	199.1	199.4	199.7

TEST NUMBER: P1032922

CATALOG NUMBER: S124RDIW-B1195D470UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	231.3	231.1	231.0	230.7	230.1	229.4	228.8	228.2	228.8	229.4	230.1
115°	259.8	259.9	260.0	259.8	259.5	259.2	258.9	258.6	258.9	259.2	259.5
117.5°	288.1	287.8	287.6	287.4	287.0	286.6	286.2	285.8	286.2	286.6	287.0
120°	315.0	315.1	315.2	315.0	314.6	314.2	313.8	313.4	313.8	314.2	314.6
122.5°	340.4	340.2	340.1	340.0	339.8	339.5	339.3	339.1	339.3	339.5	339.8
125°	365.1	365.3	365.4	365.2	364.8	364.3	363.9	363.5	363.9	364.3	364.8
127.5°	388.3	387.8	387.5	387.4	387.3	387.2	387.1	387.0	387.1	387.2	387.3
130°	410.5	410.2	410.0	409.9	409.8	409.7	409.6	409.5	409.6	409.7	409.8
132.5°	431.8	431.4	431.2	431.1	430.9	430.6	430.4	430.2	430.4	430.6	430.9
135°	451.1	450.7	450.5	450.6	450.7	450.8	450.9	451.0	450.9	450.8	450.7
137.5°	470.2	469.7	469.4	469.4	469.4	469.4	469.4	469.4	469.4	469.4	469.4
140°	488.5	488.3	488.2	488.1	487.9	487.7	487.5	487.3	487.5	487.7	487.9
142.5°	505.4	505.3	505.3	505.1	504.7	504.2	503.8	503.4	503.8	504.2	504.7
145°	521.4	521.4	521.4	521.2	520.9	520.6	520.3	520.0	520.3	520.6	520.9
147.5°	535.5	535.6	535.6	535.3	534.7	534.1	533.5	532.9	533.5	534.1	534.7
150°	548.8	548.9	549.0	548.8	548.4	547.9	547.5	547.1	547.5	547.9	548.4
152.5°	560.2	560.4	560.5	560.3	560.0	559.7	559.4	559.1	559.4	559.7	560.0
155°	570.1	570.4	570.6	570.5	570.4	570.3	570.2	570.1	570.2	570.3	570.4
157.5°	579.2	579.6	579.8	579.8	579.8	579.8	579.8	579.8	579.8	579.8	579.8
160°	586.5	586.6	586.7	586.9	587.2	587.5	587.8	588.1	587.8	587.5	587.2
162.5°	593.4	593.5	593.6	593.8	594.2	594.6	595.0	595.4	595.0	594.6	594.2
165°	599.1	599.1	599.1	599.4	599.9	600.4	600.9	601.4	600.9	600.4	599.9
167.5°	604.0	604.1	604.2	604.5	605.0	605.5	606.0	606.5	606.0	605.5	605.0
170°	608.0	607.9	607.9	608.2	608.8	609.4	610.0	610.6	610.0	609.4	608.8
172.5°	610.8	610.7	610.6	610.9	611.5	612.2	612.8	613.4	612.8	612.2	611.5
175°	612.6	612.5	612.5	612.8	613.4	614.0	614.6	615.2	614.6	614.0	613.4
177.5°	613.7	613.5	613.4	613.8	614.5	615.2	615.9	616.6	615.9	615.2	614.5
180°	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2

TEST NUMBER: P1032922

CATALOG NUMBER: S124RDIW-B1195D470UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6
2.5°	1962.4	1959.2	1956.0	1943.1	1931.9	1912.6	1896.5	1890.1	1888.5	1890.1	1885.3
5°	1906.2	1904.6	1893.3	1870.8	1849.9	1827.4	1811.3	1795.3	1785.6	1785.6	1774.4
7.5°	1853.1	1841.9	1832.2	1803.3	1779.2	1748.7	1724.5	1710.1	1702.0	1684.4	1684.4
10°	1796.9	1780.8	1767.9	1740.6	1705.3	1674.7	1644.2	1626.5	1612.0	1599.2	1594.4
12.5°	1740.6	1727.8	1703.6	1674.7	1639.4	1600.8	1568.6	1555.8	1522.0	1494.7	1496.3
15°	1687.6	1658.6	1647.4	1605.6	1563.8	1526.9	1480.2	1443.3	1416.0	1398.3	1375.8
17.5°	1628.1	1599.2	1578.3	1542.9	1488.3	1430.4	1385.4	1335.6	1308.3	1277.7	1263.3
20°	1562.2	1538.1	1522.0	1465.8	1399.9	1330.8	1281.0	1250.4	1219.9	1197.4	1184.5
22.5°	1506.0	1475.4	1456.1	1380.6	1308.3	1239.2	1200.6	1174.9	1149.2	1129.9	1123.4
25°	1433.6	1416.0	1369.3	1303.5	1215.1	1168.4	1134.7	1100.9	1086.5	1073.6	1059.2
27.5°	1374.2	1330.8	1298.6	1211.8	1157.2	1104.2	1070.4	1044.7	1027.0	1014.2	1002.9
30°	1300.2	1260.1	1215.1	1142.7	1092.9	1043.1	1012.5	991.7	972.4	964.3	954.7
32.5°	1223.1	1186.1	1142.7	1084.9	1023.8	985.2	961.1	938.6	925.8	917.7	906.5
35°	1154.0	1107.4	1078.4	1023.8	974.0	930.6	908.1	888.8	874.3	871.1	869.5
37.5°	1080.0	1044.7	1017.4	961.1	919.3	882.4	861.5	840.6	832.5	830.9	824.5
40°	1015.8	985.2	959.5	906.5	861.5	827.7	811.6	798.8	790.8	790.8	789.1
42.5°	959.5	927.4	901.6	853.4	813.3	782.7	765.0	752.2	749.0	750.6	749.0
45°	896.8	869.5	843.8	794.0	760.2	737.7	718.4	712.0	707.2	708.8	710.4
47.5°	837.4	814.9	789.1	749.0	710.4	686.3	675.0	668.6	668.6	668.6	671.8
50°	784.3	758.6	736.1	694.3	659.0	639.7	630.0	622.0	623.6	625.2	626.8
52.5°	721.6	699.1	683.1	641.3	615.6	591.5	580.2	581.8	580.2	580.2	583.4
55°	667.0	644.5	628.4	589.8	564.1	548.1	538.4	533.6	535.2	532.0	538.4
57.5°	605.9	586.6	575.4	538.4	515.9	501.5	493.4	485.4	488.6	487.0	485.4
60°	552.9	530.4	512.7	487.0	467.7	450.0	445.2	437.2	440.4	437.2	435.6
62.5°	491.8	474.1	461.3	435.6	419.5	405.0	393.8	388.9	387.3	382.5	377.7
65°	430.7	421.1	408.2	382.5	366.4	355.2	348.8	343.9	342.3	329.5	315.0
67.5°	374.5	368.1	355.2	335.9	321.4	310.2	300.5	292.5	282.9	273.2	265.2
70°	321.4	311.8	303.8	286.1	273.2	262.0	252.3	242.7	237.9	228.2	225.0
72.5°	270.0	260.4	252.3	236.3	225.0	213.8	210.5	199.3	194.5	192.9	192.9
75°	217.0	208.9	204.1	189.7	180.0	172.0	167.2	163.9	160.7	157.5	152.7
77.5°	165.5	160.7	157.5	147.9	139.8	135.0	133.4	122.1	118.9	115.7	112.5
80°	120.5	118.9	115.7	107.7	104.5	93.2	93.2	90.0	88.4	88.4	88.4
82.5°	82.0	78.8	77.1	69.1	67.5	65.9	64.3	62.7	64.3	62.7	64.3
85°	43.4	41.8	40.2	40.2	40.2	40.2	40.2	40.2	40.2	38.6	40.2
87.5°	16.1	16.1	16.1	16.1	14.5	16.1	16.1	14.5	16.1	16.1	16.1
90°	5.8	6.4	6.8	7.6	8.5	9.3	10.1	10.7	11.3	12.0	12.6
92.5°	6.1	6.0	6.4	7.2	8.1	8.9	9.7	10.3	10.9	11.5	12.1
95°	11.4	9.7	9.7	9.8	9.9	10.0	10.1	10.7	11.3	12.0	12.6
97.5°	57.3	58.4	53.0	42.3	31.6	20.8	10.1	10.6	11.1	11.6	12.1
100°	82.8	83.7	76.6	62.5	48.4	34.3	20.2	18.5	16.7	15.0	13.3
102.5°	110.8	111.4	112.0	113.2	114.5	115.7	116.9	93.9	70.9	47.8	24.8
105°	141.0	141.3	141.6	142.1	142.6	143.1	143.6	144.5	145.4	146.3	147.2
107.5°	169.6	169.8	170.2	170.9	171.6	172.3	173.0	173.5	174.0	174.5	175.0
110°	200.0	200.2	200.5	201.1	201.7	202.3	202.9	203.1	203.3	203.5	203.7

TEST NUMBER: P1032922

CATALOG NUMBER: S124RDIW-B1195D470UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	230.7	231.0	231.1	231.3	231.5	231.7	231.9	231.8	231.7	231.6	231.5
115°	259.8	260.0	259.9	259.8	259.7	259.6	259.5	259.7	259.9	260.1	260.3
117.5°	287.4	287.6	287.8	288.1	288.4	288.7	289.0	288.9	288.8	288.7	288.6
120°	315.0	315.2	315.1	315.0	314.9	314.8	314.7	314.9	315.1	315.4	315.6
122.5°	340.0	340.1	340.2	340.4	340.6	340.8	341.0	341.1	341.2	341.3	341.4
125°	365.2	365.4	365.3	365.1	364.8	364.6	364.4	364.7	365.0	365.3	365.6
127.5°	387.4	387.5	387.8	388.3	388.8	389.3	389.8	389.7	389.6	389.5	389.4
130°	409.9	410.0	410.2	410.5	410.8	411.1	411.4	411.5	411.6	411.7	411.8
132.5°	431.1	431.2	431.4	431.8	432.2	432.6	433.0	433.1	433.2	433.3	433.4
135°	450.6	450.5	450.7	451.1	451.5	451.9	452.3	452.5	452.7	453.0	453.2
137.5°	469.4	469.4	469.7	470.2	470.7	471.2	471.7	471.9	472.1	472.3	472.5
140°	488.1	488.2	488.3	488.5	488.7	488.9	489.1	489.4	489.7	490.0	490.3
142.5°	505.1	505.3	505.3	505.4	505.5	505.6	505.7	505.9	506.1	506.3	506.5
145°	521.2	521.4	521.4	521.4	521.4	521.4	521.4	521.5	521.6	521.7	521.8
147.5°	535.3	535.6	535.6	535.5	535.4	535.3	535.2	535.3	535.4	535.5	535.6
150°	548.8	549.0	548.9	548.8	548.7	548.6	548.5	548.5	548.5	548.5	548.5
152.5°	560.3	560.5	560.4	560.2	559.9	559.7	559.5	559.7	559.9	560.2	560.4
155°	570.5	570.6	570.4	570.1	569.8	569.5	569.2	569.6	570.0	570.5	570.9
157.5°	579.8	579.8	579.6	579.2	578.8	578.4	578.0	578.5	579.0	579.5	580.0
160°	586.9	586.7	586.6	586.5	586.4	586.3	586.2	586.8	587.4	588.1	588.7
162.5°	593.8	593.6	593.5	593.4	593.3	593.2	593.1	593.7	594.3	595.0	595.6
165°	599.4	599.1	599.1	599.1	599.1	599.1	599.1	599.9	600.7	601.6	602.4
167.5°	604.5	604.2	604.1	604.0	603.9	603.8	603.7	604.6	605.6	606.5	607.4
170°	608.2	607.9	607.9	608.0	608.1	608.2	608.3	609.1	609.9	610.8	611.6
172.5°	610.9	610.6	610.7	610.8	610.9	611.0	611.1	611.9	612.7	613.6	614.4
175°	612.8	612.5	612.5	612.6	612.7	612.8	612.9	613.8	614.8	615.7	616.6
177.5°	613.8	613.4	613.5	613.7	613.9	614.1	614.3	615.1	615.9	616.8	617.6
180°	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2

TEST NUMBER: P1032922

CATALOG NUMBER: S124RDIW-B1195D470UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6
2.5°	1885.3	1891.7	1883.7	1888.5	1877.2	1875.6	1877.2	1877.2	1878.8	1880.4	1882.0
5°	1779.2	1777.6	1767.9	1761.5	1756.7	1761.5	1764.7	1767.9	1764.7	1767.9	1769.5
7.5°	1679.5	1674.7	1669.9	1658.6	1661.9	1658.6	1668.3	1663.5	1663.5	1671.5	1677.9
10°	1591.1	1581.5	1578.3	1565.4	1555.8	1554.2	1565.4	1570.2	1575.1	1578.3	1591.1
12.5°	1477.0	1462.6	1451.3	1456.1	1428.8	1440.1	1443.3	1436.9	1456.1	1478.6	1465.8
15°	1354.9	1356.5	1334.0	1326.0	1303.5	1309.9	1311.5	1327.6	1343.6	1342.0	1361.3
17.5°	1264.9	1255.2	1235.9	1234.3	1224.7	1229.5	1227.9	1240.8	1235.9	1244.0	1260.1
20°	1181.3	1174.9	1158.8	1152.4	1155.6	1152.4	1154.0	1155.6	1160.4	1178.1	1174.9
22.5°	1115.4	1107.4	1107.4	1099.3	1089.7	1086.5	1094.5	1099.3	1105.8	1109.0	1117.0
25°	1057.5	1051.1	1043.1	1038.3	1030.2	1031.8	1036.7	1043.1	1047.9	1054.3	1060.8
27.5°	998.1	998.1	990.0	988.4	985.2	983.6	990.0	993.3	993.3	998.1	1004.5
30°	951.5	951.5	943.4	941.8	940.2	940.2	945.0	946.6	948.3	953.1	956.3
32.5°	906.5	904.9	901.6	903.3	901.6	903.3	903.3	904.9	908.1	909.7	916.1
35°	864.7	866.3	863.1	863.1	861.5	863.1	866.3	867.9	869.5	872.7	872.7
37.5°	824.5	827.7	826.1	830.9	830.9	830.9	830.9	834.1	834.1	834.1	832.5
40°	789.1	789.1	787.5	790.8	794.0	794.0	795.6	795.6	797.2	797.2	795.6
42.5°	749.0	752.2	757.0	758.6	761.8	760.2	765.0	763.4	765.0	761.8	758.6
45°	712.0	712.0	718.4	724.9	726.5	726.5	726.5	729.7	726.5	721.6	720.0
47.5°	671.8	675.0	678.2	686.3	687.9	687.9	687.9	687.9	684.7	684.7	684.7
50°	631.6	633.2	634.9	638.1	642.9	641.3	641.3	641.3	647.7	641.3	642.9
52.5°	583.4	585.0	586.6	593.1	591.5	591.5	593.1	593.1	597.9	596.3	593.1
55°	535.2	535.2	538.4	538.4	538.4	541.6	543.2	546.5	544.8	546.5	548.1
57.5°	487.0	483.8	482.2	482.2	487.0	485.4	487.0	487.0	493.4	496.6	498.2
60°	430.7	430.7	429.1	419.5	419.5	417.9	422.7	425.9	429.1	443.6	442.0
62.5°	372.9	366.4	360.0	361.6	352.0	356.8	353.6	356.8	366.4	377.7	379.3
65°	315.0	310.2	303.8	302.2	298.9	303.8	302.2	303.8	308.6	315.0	323.1
67.5°	263.6	262.0	258.8	257.2	257.2	257.2	260.4	260.4	262.0	266.8	271.6
70°	225.0	223.4	225.0	221.8	223.4	221.8	223.4	225.0	226.6	228.2	233.0
72.5°	189.7	189.7	189.7	186.4	189.7	188.0	188.0	189.7	191.3	192.9	196.1
75°	151.1	147.9	144.6	141.4	139.8	143.0	144.6	143.0	147.9	154.3	154.3
77.5°	114.1	112.5	112.5	112.5	114.1	112.5	115.7	114.1	115.7	115.7	118.9
80°	88.4	86.8	88.4	88.4	86.8	90.0	88.4	88.4	90.0	91.6	90.0
82.5°	64.3	65.9	64.3	64.3	64.3	67.5	64.3	64.3	64.3	65.9	65.9
85°	40.2	40.2	40.2	40.2	41.8	40.2	41.8	40.2	43.4	41.8	41.8
87.5°	14.5	16.1	17.7	17.7	17.7	17.7	16.1	17.7	19.3	17.7	19.3
90°	12.9	13.0	13.2	13.4	13.6	13.8	13.6	13.4	13.2	13.0	12.9
92.5°	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
95°	12.9	12.9	13.0	13.1	13.2	13.3	13.2	13.1	13.0	12.9	12.9
97.5°	12.4	12.5	12.6	12.7	12.8	12.9	12.8	12.7	12.6	12.5	12.4
100°	12.4	12.5	12.6	12.7	12.8	12.9	12.8	12.7	12.6	12.5	12.4
102.5°	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
105°	147.7	145.9	142.2	138.5	134.8	131.1	134.8	138.5	142.2	145.9	147.7
107.5°	175.3	175.5	175.9	176.4	176.8	177.2	176.8	176.4	175.9	175.5	175.3
110°	203.8	204.0	204.3	204.6	204.9	205.2	204.9	204.6	204.3	204.0	203.8

TEST NUMBER: P1032922

CATALOG NUMBER: S124RDIW-B1195D470UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	231.5	231.7	232.1	232.5	232.9	233.3	232.9	232.5	232.1	231.7	231.5
115°	260.4	260.4	260.4	260.4	260.4	260.4	260.4	260.4	260.4	260.4	260.4
117.5°	288.5	288.5	288.5	288.5	288.5	288.5	288.5	288.5	288.5	288.5	288.5
120°	315.7	315.6	315.4	315.1	314.9	314.7	314.9	315.1	315.4	315.6	315.7
122.5°	341.4	341.3	341.1	340.9	340.7	340.5	340.7	340.9	341.1	341.3	341.4
125°	365.8	365.9	366.0	366.1	366.2	366.3	366.2	366.1	366.0	365.9	365.8
127.5°	389.3	389.2	389.1	389.0	388.9	388.8	388.9	389.0	389.1	389.2	389.3
130°	411.8	411.8	411.8	411.8	411.8	411.8	411.8	411.8	411.8	411.8	411.8
132.5°	433.5	433.4	433.3	433.2	433.1	433.0	433.1	433.2	433.3	433.4	433.5
135°	453.3	453.4	453.6	453.8	454.0	454.2	454.0	453.8	453.6	453.4	453.3
137.5°	472.6	472.5	472.4	472.3	472.2	472.1	472.2	472.3	472.4	472.5	472.6
140°	490.5	490.6	490.7	490.8	490.9	491.0	490.9	490.8	490.7	490.6	490.5
142.5°	506.6	506.6	506.6	506.6	506.6	506.6	506.6	506.6	506.6	506.6	506.6
145°	521.8	521.9	522.1	522.3	522.5	522.7	522.5	522.3	522.1	521.9	521.8
147.5°	535.6	535.7	535.8	535.9	536.0	536.1	536.0	535.9	535.8	535.7	535.6
150°	548.5	548.6	548.7	548.8	548.9	549.0	548.9	548.8	548.7	548.6	548.5
152.5°	560.5	560.4	560.3	560.2	560.1	560.0	560.1	560.2	560.3	560.4	560.5
155°	571.1	570.9	570.6	570.3	570.0	569.7	570.0	570.3	570.6	570.9	571.1
157.5°	580.3	580.0	579.5	579.0	578.5	578.0	578.5	579.0	579.5	580.0	580.3
160°	589.0	588.7	588.1	587.4	586.8	586.2	586.8	587.4	588.1	588.7	589.0
162.5°	595.9	595.5	594.8	594.1	593.4	592.7	593.4	594.1	594.8	595.5	595.9
165°	602.8	602.3	601.4	600.5	599.6	598.7	599.6	600.5	601.4	602.3	602.8
167.5°	607.9	607.4	606.4	605.3	604.3	603.3	604.3	605.3	606.4	607.4	607.9
170°	612.0	611.5	610.5	609.4	608.4	607.4	608.4	609.4	610.5	611.5	612.0
172.5°	614.8	614.2	613.1	612.0	610.8	609.7	610.8	612.0	613.1	614.2	614.8
175°	617.1	616.5	615.2	614.0	612.7	611.5	612.7	614.0	615.2	616.5	617.1
177.5°	618.0	617.4	616.2	614.9	613.7	612.5	613.7	614.9	616.2	617.4	618.0
180°	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2

TEST NUMBER: P1032922

CATALOG NUMBER: S124RDIW-B1195D470UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6	1994.6
2.5°	1888.5	1896.5	1893.3	1882.0	1886.9	1896.5	1906.2	1919.0	1927.1	1933.5	1936.7
5°	1777.6	1792.0	1788.8	1788.8	1795.3	1811.3	1827.4	1854.7	1864.4	1875.6	1891.7
7.5°	1679.5	1690.8	1700.4	1703.6	1713.3	1734.2	1755.1	1785.6	1809.7	1822.6	1832.2
10°	1592.8	1600.8	1615.3	1623.3	1632.9	1658.6	1689.2	1721.3	1745.4	1767.9	1780.8
12.5°	1481.9	1514.0	1533.3	1546.1	1559.0	1597.6	1621.7	1657.0	1686.0	1706.9	1726.1
15°	1358.1	1396.7	1407.9	1457.7	1489.9	1520.4	1557.4	1599.2	1626.5	1650.6	1676.3
17.5°	1253.6	1281.0	1293.8	1346.8	1374.2	1422.4	1475.4	1528.5	1570.2	1587.9	1613.6
20°	1187.7	1202.2	1227.9	1245.6	1274.5	1330.8	1388.6	1452.9	1515.6	1533.3	1559.0
22.5°	1120.2	1139.5	1157.2	1181.3	1203.8	1242.4	1300.2	1371.0	1438.5	1470.6	1501.1
25°	1059.2	1078.4	1089.7	1115.4	1136.3	1174.9	1215.1	1287.4	1367.7	1395.1	1443.3
27.5°	1010.9	1022.2	1041.5	1052.7	1076.8	1112.2	1149.2	1203.8	1282.6	1329.2	1375.8
30°	962.7	970.8	986.8	1002.9	1020.6	1044.7	1086.5	1139.5	1211.8	1252.0	1298.6
32.5°	914.5	927.4	937.0	948.3	967.5	996.5	1025.4	1076.8	1134.7	1179.7	1226.3
35°	874.3	879.1	892.0	904.9	917.7	943.4	974.0	1023.8	1075.2	1110.6	1152.4
37.5°	830.9	839.0	848.6	853.4	874.3	890.4	922.5	961.1	1022.2	1044.7	1086.5
40°	797.2	795.6	805.2	813.3	822.9	848.6	867.9	909.7	957.9	993.3	1019.0
42.5°	755.4	755.4	758.6	768.2	781.1	797.2	819.7	855.0	904.9	930.6	961.1
45°	721.6	716.8	718.4	724.9	732.9	749.0	771.5	802.0	851.8	872.7	904.9
47.5°	681.5	676.6	676.6	683.1	689.5	700.7	718.4	753.8	794.0	821.3	845.4
50°	636.5	638.1	636.5	641.3	644.5	655.7	675.0	704.0	740.9	763.4	790.8
52.5°	594.7	591.5	589.8	593.1	599.5	607.5	628.4	654.1	689.5	712.0	736.1
55°	543.2	546.5	546.5	546.5	556.1	559.3	575.4	601.1	636.5	654.1	676.6
57.5°	496.6	495.0	498.2	496.6	504.7	515.9	528.8	548.1	583.4	601.1	622.0
60°	445.2	446.8	448.4	448.4	454.8	466.1	480.6	498.2	527.2	544.8	564.1
62.5°	382.5	390.6	398.6	401.8	411.4	419.5	429.1	448.4	474.1	487.0	504.7
65°	323.1	334.3	345.6	353.6	360.0	368.1	380.9	398.6	419.5	432.3	450.0
67.5°	271.6	279.7	294.1	302.2	315.0	324.7	332.7	347.2	372.9	377.7	392.2
70°	234.7	237.9	244.3	250.7	265.2	273.2	282.9	297.3	316.6	327.9	335.9
72.5°	197.7	199.3	202.5	208.9	215.4	225.0	236.3	249.1	266.8	271.6	282.9
75°	157.5	167.2	167.2	172.0	176.8	181.6	191.3	204.1	215.4	223.4	229.8
77.5°	117.3	122.1	125.4	133.4	139.8	144.6	151.1	160.7	167.2	173.6	178.4
80°	91.6	93.2	94.8	94.8	98.0	104.5	110.9	117.3	125.4	128.6	133.4
82.5°	67.5	67.5	67.5	70.7	72.3	73.9	73.9	77.1	85.2	88.4	93.2
85°	43.4	43.4	43.4	43.4	45.0	46.6	48.2	49.8	49.8	49.8	53.0
87.5°	17.7	20.9	19.3	20.9	20.9	20.9	20.9	22.5	22.5	24.1	24.1
90°	12.6	12.0	11.3	10.7	10.1	9.3	8.5	7.6	6.8	6.4	5.8
92.5°	12.1	11.5	10.9	10.3	9.7	8.9	8.1	7.2	6.4	6.0	6.1
95°	12.6	12.0	11.3	10.7	10.1	10.0	9.9	9.8	9.7	9.7	11.4
97.5°	12.1	11.6	11.1	10.6	10.1	20.8	31.6	42.3	53.0	58.4	57.3
100°	13.3	15.0	16.7	18.5	20.2	34.3	48.4	62.5	76.6	83.7	82.8
102.5°	24.8	47.8	70.9	93.9	116.9	115.7	114.5	113.2	112.0	111.4	110.8
105°	147.2	146.3	145.4	144.5	143.6	143.1	142.6	142.1	141.6	141.3	141.0
107.5°	175.0	174.5	174.0	173.5	173.0	172.3	171.6	170.9	170.2	169.8	169.6
110°	203.7	203.5	203.3	203.1	202.9	202.3	201.7	201.1	200.5	200.2	200.0

TEST NUMBER: P1032922

CATALOG NUMBER: S124RDIW-B1195D470UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	231.5	231.6	231.7	231.8	231.9	231.7	231.5	231.3	231.1	231.0	230.7
115°	260.3	260.1	259.9	259.7	259.5	259.6	259.7	259.8	259.9	260.0	259.8
117.5°	288.6	288.7	288.8	288.9	289.0	288.7	288.4	288.1	287.8	287.6	287.4
120°	315.6	315.4	315.1	314.9	314.7	314.8	314.9	315.0	315.1	315.2	315.0
122.5°	341.4	341.3	341.2	341.1	341.0	340.8	340.6	340.4	340.2	340.1	340.0
125°	365.6	365.3	365.0	364.7	364.4	364.6	364.8	365.1	365.3	365.4	365.2
127.5°	389.4	389.5	389.6	389.7	389.8	389.3	388.8	388.3	387.8	387.5	387.4
130°	411.8	411.7	411.6	411.5	411.4	411.1	410.8	410.5	410.2	410.0	409.9
132.5°	433.4	433.3	433.2	433.1	433.0	432.6	432.2	431.8	431.4	431.2	431.1
135°	453.2	453.0	452.7	452.5	452.3	451.9	451.5	451.1	450.7	450.5	450.6
137.5°	472.5	472.3	472.1	471.9	471.7	471.2	470.7	470.2	469.7	469.4	469.4
140°	490.3	490.0	489.7	489.4	489.1	488.9	488.7	488.5	488.3	488.2	488.1
142.5°	506.5	506.3	506.1	505.9	505.7	505.6	505.5	505.4	505.3	505.3	505.1
145°	521.8	521.7	521.6	521.5	521.4	521.4	521.4	521.4	521.4	521.4	521.2
147.5°	535.6	535.5	535.4	535.3	535.2	535.3	535.4	535.5	535.6	535.6	535.3
150°	548.5	548.5	548.5	548.5	548.5	548.6	548.7	548.8	548.9	549.0	548.8
152.5°	560.4	560.2	559.9	559.7	559.5	559.7	559.9	560.2	560.4	560.5	560.3
155°	570.9	570.5	570.0	569.6	569.2	569.5	569.8	570.1	570.4	570.6	570.5
157.5°	580.0	579.5	579.0	578.5	578.0	578.4	578.8	579.2	579.6	579.8	579.8
160°	588.7	588.1	587.4	586.8	586.2	586.3	586.4	586.5	586.6	586.7	586.9
162.5°	595.6	595.0	594.3	593.7	593.1	593.2	593.3	593.4	593.5	593.6	593.8
165°	602.4	601.6	600.7	599.9	599.1	599.1	599.1	599.1	599.1	599.1	599.4
167.5°	607.4	606.5	605.6	604.6	603.7	603.8	603.9	604.0	604.1	604.2	604.5
170°	611.6	610.8	609.9	609.1	608.3	608.2	608.1	608.0	607.9	607.9	608.2
172.5°	614.4	613.6	612.7	611.9	611.1	611.0	610.9	610.8	610.7	610.6	610.9
175°	616.6	615.7	614.8	613.8	612.9	612.8	612.7	612.6	612.5	612.5	612.8
177.5°	617.6	616.8	615.9	615.1	614.3	614.1	613.9	613.7	613.5	613.4	613.8
180°	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2

TEST NUMBER: P1032922

CATALOG NUMBER: S124RDIW-B1195D470UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1994.6	1994.6	1994.6	1994.6
2.5°	1949.6	1959.2	1975.3	1997.8
5°	1904.6	1931.9	1957.6	1991.3
7.5°	1864.4	1896.5	1931.9	1980.1
10°	1817.8	1857.9	1902.9	1962.4
12.5°	1763.1	1819.4	1870.8	1935.1
15°	1722.9	1764.7	1830.6	1906.2
17.5°	1666.7	1722.9	1788.8	1874.0
20°	1613.6	1673.1	1747.0	1835.4
22.5°	1557.4	1624.9	1698.8	1793.7
25°	1499.5	1571.9	1645.8	1747.0
27.5°	1446.5	1512.4	1596.0	1698.8
30°	1382.2	1457.7	1538.1	1645.8
32.5°	1319.5	1398.3	1480.2	1587.9
35°	1252.0	1330.8	1420.8	1523.6
37.5°	1186.1	1272.9	1354.9	1454.5
40°	1113.8	1203.8	1289.0	1390.2
42.5°	1043.1	1136.3	1221.5	1308.3
45°	977.2	1068.8	1145.9	1227.9
47.5°	914.5	996.5	1075.2	1149.2
50°	853.4	922.5	994.9	1055.9
52.5°	789.1	855.0	912.9	967.5
55°	731.3	782.7	834.1	884.0
57.5°	662.2	713.6	758.6	797.2
60°	604.3	636.5	679.9	720.0
62.5°	538.4	575.4	609.1	634.9
65°	474.1	506.3	532.0	554.5
67.5°	419.5	438.8	458.1	482.2
70°	353.6	369.7	392.2	409.8
72.5°	297.3	310.2	321.4	342.3
75°	241.1	252.3	258.8	278.0
77.5°	186.4	197.7	202.5	213.8
80°	143.0	144.6	151.1	160.7
82.5°	98.0	101.3	102.9	110.9
85°	56.3	64.3	62.7	65.9
87.5°	24.1	25.7	28.9	32.1
90°	4.7	3.6	2.5	1.4
92.5°	6.3	6.5	6.7	6.9
95°	14.9	18.4	21.8	25.3
97.5°	55.0	52.8	50.5	48.3
100°	81.0	79.1	77.3	75.5
102.5°	109.5	108.3	107.0	105.8
105°	140.4	139.7	139.1	138.5
107.5°	169.3	169.0	168.7	168.4
110°	199.7	199.4	199.1	198.8



TEST NUMBER: P1032922

CATALOG NUMBER: S124RDIW-B1195D470UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	230.1	229.4	228.8	228.2
115°	259.5	259.2	258.9	258.6
117.5°	287.0	286.6	286.2	285.8
120°	314.6	314.2	313.8	313.4
122.5°	339.8	339.5	339.3	339.1
125°	364.8	364.3	363.9	363.5
127.5°	387.3	387.2	387.1	387.0
130°	409.8	409.7	409.6	409.5
132.5°	430.9	430.6	430.4	430.2
135°	450.7	450.8	450.9	451.0
137.5°	469.4	469.4	469.4	469.4
140°	487.9	487.7	487.5	487.3
142.5°	504.7	504.2	503.8	503.4
145°	520.9	520.6	520.3	520.0
147.5°	534.7	534.1	533.5	532.9
150°	548.4	547.9	547.5	547.1
152.5°	560.0	559.7	559.4	559.1
155°	570.4	570.3	570.2	570.1
157.5°	579.8	579.8	579.8	579.8
160°	587.2	587.5	587.8	588.1
162.5°	594.2	594.6	595.0	595.4
165°	599.9	600.4	600.9	601.4
167.5°	605.0	605.5	606.0	606.5
170°	608.8	609.4	610.0	610.6
172.5°	611.5	612.2	612.8	613.4
175°	613.4	614.0	614.6	615.2
177.5°	614.5	615.2	615.9	616.6
180°	615.2	615.2	615.2	615.2

(END OF REPORT)