

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: P1029340

Luminaire Tested: S122DIW-B290D1440UB2750-4F0-XX-W2A-A_5000K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029340
REPORT IS A COMBINATION OF REPORTS P985581 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIW-B290D1440UB2750-4F0-XX-W2A-A_5000K
Description: Define 2 Direct/Indirect Wall Mount with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

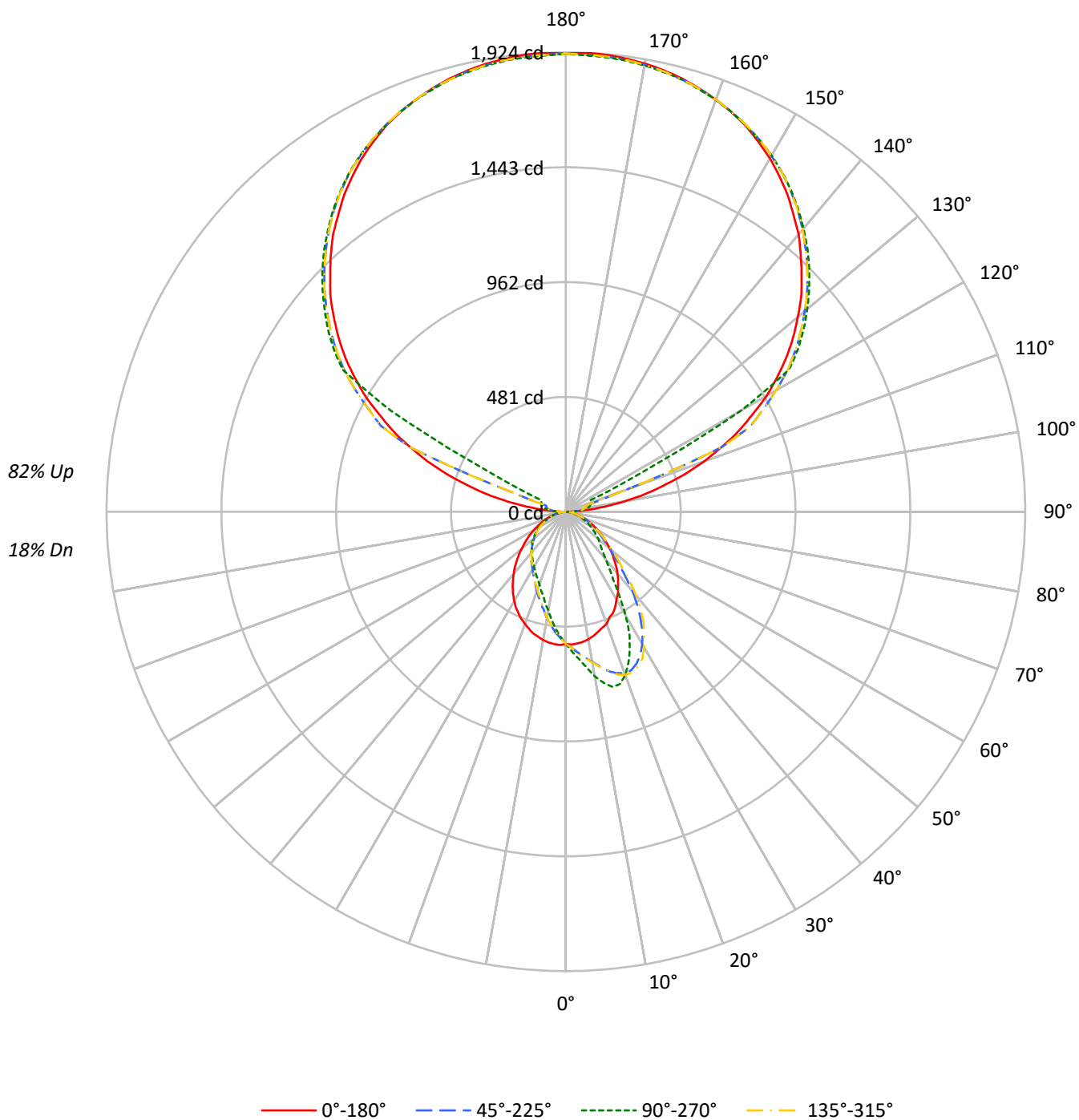
Lumens per Lamp: N/A
Luminaire Lumens: 6846.0 lumens
Efficiency: N/A
Efficacy: 105.0 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 65.2
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



TEST NUMBER: P1029340

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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	99	99	99	99	88	88	88	88	65	65	65	45	45	45	27	27	27			18
1	91	87	83	80	80	77	74	71	57	56	54	40	39	38	24	23	23			15
2	83	76	70	65	73	67	62	58	50	47	45	35	33	32	21	20	19			13
3	75	67	60	55	66	59	53	49	45	41	38	31	29	27	19	18	17			11
4	69	59	52	46	61	52	46	41	40	35	32	28	25	23	17	16	14			10
5	63	52	45	39	56	47	40	35	35	31	28	25	22	20	15	14	13			9
6	58	47	39	34	51	42	35	31	32	27	24	23	20	18	14	12	11			8
7	54	42	35	30	47	38	31	27	29	24	21	20	18	15	13	11	10			7
8	50	38	31	26	44	34	28	23	26	22	19	19	16	14	12	10	9			6
9	46	35	28	23	41	31	25	21	24	19	16	17	14	12	11	9	8			6
10	43	32	25	20	38	28	22	18	22	18	15	16	13	11	10	8	7			5

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8760	8760	8760	8760
5°	8781	9341	8815	7431
10°	8680	10197	8734	6127
15°	8468	10755	8587	5160
20°	8337	10098	8337	4486
25°	8071	8676	8107	4012
30°	7634	6819	7780	3633
35°	7247	4716	7367	3324
40°	6800	3561	6879	3078
45°	6253	2926	6355	2812
50°	5778	2568	5787	2574
55°	5236	2188	5271	2316
60°	4661	1828	4725	2021
65°	4145	1487	4220	1726
70°	3629	1166	3720	1392
75°	3043	846	3166	1009
80°	2379	536	2547	599
85°	1568	270	1681	200

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 9055 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.7	0.8
10°-20°	153.4	2.2
20°-30°	222.7	3.3
30°-40°	234.7	3.4
40°-50°	207.7	3.0
50°-60°	165.9	2.4
60°-70°	112.7	1.6
70°-80°	57.6	0.8
80°-90°	17.0	0.2
90°-100°	63.3	0.9
100°-110°	235.7	3.4
110°-120°	625.2	9.1
120°-130°	1036.8	15.1
130°-140°	1101.4	16.1
140°-150°	1023.6	15.0
150°-160°	822.9	12.0
160°-170°	530.3	7.7
170°-180°	182.5	2.7
0°-30°	428.8	6.3
0°-40°	663.5	9.7
0°-60°	1037.1	15.1
0°-90°	1224.4	17.9
90°-120°	924.1	13.5
90°-150°	4085.9	59.7
90°-180°	5622.0	82.1
0°-180°	6846.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	553	553	553	553	553	
5°	554	618	556	492	554	53
15°	520	760	528	364	520	147
25°	468	633	470	293	468	214
35°	382	345	388	243	382	239
45°	286	208	291	200	286	222
55°	196	146	198	154	196	175
65°	117	90	119	104	117	116
75°	54	44	57	53	54	58
85°	11	12	12	8	11	13
90°	1	38	1	38	1	6
95°	90	60	90	60	90	107
105°	422	106	422	106	422	451
115°	798	114	798	114	798	785
125°	1128	1186	1128	1186	1128	1006
135°	1396	1442	1396	1442	1396	1078
145°	1619	1644	1619	1644	1619	1013
155°	1783	1784	1783	1784	1783	822
165°	1879	1875	1879	1875	1879	531
175°	1922	1911	1922	1911	1922	183
180°	1918	1918	1918	1918	1918	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4
2.5°	556.4	557.7	559.8	560.2	564.5	567.9	571.7	571.7	573.0	572.6	569.2
5°	553.8	557.7	563.2	567.9	575.5	578.9	584.0	587.9	591.3	593.8	593.4
7.5°	549.6	556.4	564.5	573.4	583.6	589.6	596.8	603.6	608.3	612.5	615.5
10°	542.4	553.8	564.9	576.8	590.0	598.1	606.6	615.5	622.8	630.8	638.5
12.5°	532.6	549.2	562.8	578.5	594.7	603.6	617.2	624.0	638.1	658.5	664.0
15°	520.2	542.8	555.5	575.5	596.8	604.0	622.8	633.8	662.7	675.5	690.8
17.5°	508.7	533.8	550.9	573.8	594.7	608.7	627.0	649.5	673.8	692.1	709.1
20°	499.4	523.6	544.1	569.6	596.0	613.8	633.0	660.2	686.6	705.3	718.5
22.5°	478.1	509.2	533.0	561.5	593.4	618.1	636.4	666.1	694.6	706.1	717.6
25°	467.5	494.3	521.9	554.3	591.7	621.0	636.8	670.0	695.1	699.3	701.9
27.5°	447.9	478.1	510.5	547.5	591.3	615.9	635.9	666.1	686.1	683.2	675.5
30°	423.7	460.7	496.4	536.4	585.3	612.1	630.8	658.5	668.7	653.4	639.8
32.5°	405.8	440.7	480.2	526.6	578.5	604.0	622.3	644.0	646.1	618.5	595.5
35°	381.6	420.3	464.9	513.9	567.0	590.0	607.0	620.2	610.0	571.3	544.1
37.5°	359.9	398.2	445.8	495.6	551.3	573.8	587.4	589.6	564.5	530.4	490.5
40°	336.0	375.6	425.4	477.7	533.8	553.4	561.9	555.5	519.4	479.8	433.5
42.5°	312.2	351.4	405.0	458.6	511.7	528.3	531.7	514.3	470.0	423.7	370.1
45°	286.3	327.1	380.7	434.7	486.2	495.6	496.0	470.9	418.6	370.1	320.3
47.5°	265.0	302.9	356.0	410.1	453.5	459.8	457.3	428.4	371.4	316.9	273.5
50°	241.6	277.8	330.5	383.7	420.7	422.4	416.0	374.8	319.0	269.3	234.8
52.5°	216.5	253.1	301.6	352.6	385.8	383.3	370.9	326.7	274.4	233.1	206.7
55°	196.5	228.9	274.4	324.1	347.5	340.3	326.7	281.6	240.3	205.5	182.5
57.5°	174.4	202.9	247.6	291.0	304.6	297.8	284.2	242.0	203.8	177.4	162.1
60°	153.6	179.5	218.6	254.8	265.4	258.2	242.5	204.6	177.0	154.8	143.4
62.5°	134.4	157.0	189.7	222.9	227.2	219.9	206.3	175.7	151.9	134.4	125.9
65°	116.6	137.8	164.2	189.3	193.1	185.5	171.4	149.3	129.3	118.3	110.2
67.5°	99.1	116.1	139.5	157.8	159.9	152.7	141.2	123.4	111.0	99.1	93.2
70°	83.8	96.6	114.9	129.7	130.6	123.8	117.8	101.7	92.3	83.8	79.1
72.5°	68.9	77.8	91.9	102.9	103.4	99.1	93.6	83.4	75.3	69.3	64.7
75°	54.4	62.1	70.6	80.4	80.0	76.6	72.3	65.9	59.1	55.3	53.2
77.5°	41.7	46.4	53.2	59.6	59.6	57.9	55.3	50.6	46.4	42.5	40.4
80°	29.8	32.8	38.3	40.4	41.3	40.8	38.7	35.3	33.6	30.6	29.8
82.5°	19.1	21.3	23.8	25.9	27.2	26.4	25.9	24.2	21.7	20.8	20.0
85°	11.1	11.9	13.2	14.5	14.9	14.5	15.3	14.0	12.8	12.8	12.3
87.5°	4.7	5.1	6.0	6.0	6.4	6.4	6.0	6.4	6.4	6.0	5.5
90°	1.4	4.8	8.2	11.6	15.0	16.7	17.9	20.4	22.9	25.3	27.8
92.5°	34.7	33.5	32.2	31.0	29.7	29.1	29.6	30.5	31.4	32.4	33.3
95°	90.2	80.0	69.8	59.7	49.5	44.4	45.5	47.6	49.8	51.9	54.1
97.5°	162.3	137.0	111.8	86.5	61.2	48.6	51.1	56.0	60.9	65.9	70.8
100°	245.6	203.4	161.1	118.9	76.6	55.5	58.1	63.4	68.6	73.9	79.1
102.5°	337.2	336.6	336.0	335.3	334.7	334.4	306.3	250.2	194.1	138.0	81.9
105°	421.8	431.0	440.3	449.5	458.8	463.4	421.3	337.1	253.0	168.8	84.6
107.5°	520.3	528.0	535.7	543.4	551.1	555.0	503.0	399.1	295.2	191.3	87.4
110°	614.7	621.2	627.6	634.1	640.6	643.8	599.2	510.1	421.0	331.9	242.8

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	703.5	709.1	714.6	720.2	725.7	728.5	725.9	720.6	715.4	710.1	704.9
115°	797.8	803.0	808.3	813.5	818.8	821.4	825.3	833.0	840.7	848.4	856.1
117.5°	879.7	885.9	892.0	898.2	904.3	907.4	910.0	915.3	920.5	925.8	931.0
120°	971.3	975.9	980.5	985.2	989.8	992.1	994.9	1000.4	1006.0	1011.5	1017.1
122.5°	1049.0	1053.9	1058.9	1063.8	1068.7	1071.2	1074.3	1080.4	1086.6	1092.7	1098.9
125°	1128.1	1132.1	1136.1	1140.1	1144.1	1146.1	1149.0	1154.9	1160.8	1166.6	1172.5
127.5°	1200.2	1204.5	1208.8	1213.1	1217.4	1219.6	1221.9	1226.6	1231.2	1235.9	1240.5
130°	1268.2	1273.1	1278.1	1283.0	1287.9	1290.4	1292.1	1295.5	1298.9	1302.3	1305.7
132.5°	1337.6	1341.6	1345.6	1349.6	1353.6	1355.6	1357.3	1360.7	1364.1	1367.5	1370.9
135°	1395.9	1400.8	1405.8	1410.7	1415.6	1418.1	1419.5	1422.2	1425.0	1427.7	1430.5
137.5°	1456.9	1460.6	1464.3	1468.0	1471.7	1473.6	1475.1	1478.2	1481.3	1484.3	1487.4
140°	1516.6	1519.1	1521.5	1524.0	1526.5	1527.7	1529.4	1532.8	1536.1	1539.5	1542.9
142.5°	1566.5	1568.7	1570.8	1573.0	1575.1	1576.2	1578.2	1582.2	1586.3	1590.3	1594.3
145°	1619.2	1618.9	1618.6	1618.3	1618.0	1617.9	1620.5	1625.7	1631.0	1636.2	1641.4
147.5°	1665.0	1664.1	1663.2	1662.3	1661.4	1660.9	1663.5	1668.8	1674.0	1679.3	1684.5
150°	1709.4	1707.2	1705.1	1702.9	1700.8	1699.7	1702.2	1707.1	1712.0	1717.0	1721.9
152.5°	1746.9	1744.4	1742.0	1739.5	1737.0	1735.8	1738.1	1742.7	1747.4	1752.0	1756.6
155°	1783.0	1780.2	1777.4	1774.7	1771.9	1770.5	1772.3	1776.0	1779.7	1783.4	1787.1
157.5°	1812.1	1809.6	1807.2	1804.7	1802.2	1801.0	1802.4	1805.2	1807.9	1810.7	1813.5
160°	1837.1	1835.3	1833.4	1831.6	1829.7	1828.8	1829.7	1831.6	1833.4	1835.3	1837.1
162.5°	1859.3	1857.5	1855.6	1853.8	1851.9	1851.0	1851.8	1853.3	1854.8	1856.4	1857.9
165°	1878.7	1876.9	1875.0	1873.2	1871.3	1870.4	1870.9	1871.8	1872.7	1873.7	1874.6
167.5°	1894.0	1892.2	1890.3	1888.5	1886.6	1885.7	1886.2	1887.1	1888.0	1888.9	1889.8
170°	1906.5	1904.6	1902.8	1900.9	1899.0	1898.1	1898.4	1899.0	1899.7	1900.3	1900.9
172.5°	1914.8	1913.0	1911.1	1909.3	1907.4	1906.5	1906.8	1907.4	1908.0	1908.6	1909.2
175°	1921.7	1919.5	1917.4	1915.2	1913.1	1912.0	1912.3	1912.9	1913.6	1914.2	1914.8
177.5°	1924.5	1922.3	1920.2	1918.0	1915.9	1914.8	1915.0	1915.3	1915.6	1915.9	1916.2
180°	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4
2.5°	575.1	575.5	576.4	580.6	582.8	583.2	581.5	585.3	586.6	585.3	584.5
5°	602.3	604.9	610.0	615.5	615.1	615.5	618.1	620.6	621.5	618.1	619.3
7.5°	626.2	631.3	636.8	645.3	645.3	649.5	651.3	653.4	658.5	655.9	655.1
10°	653.4	660.2	670.4	684.0	684.4	688.7	692.9	699.7	701.9	700.2	701.0
12.5°	687.4	700.6	701.4	716.3	723.1	724.0	730.8	729.5	733.8	733.8	741.0
15°	702.3	722.7	734.2	748.7	752.9	747.8	753.3	759.3	759.7	759.7	759.3
17.5°	729.1	737.2	748.7	756.3	758.0	758.0	758.4	761.0	759.3	755.9	758.4
20°	734.6	738.0	742.3	741.4	742.3	738.0	733.8	729.5	729.9	727.8	734.2
22.5°	724.4	723.6	713.8	707.4	707.4	698.9	690.8	687.0	683.2	684.4	686.6
25°	698.9	685.7	673.8	664.4	662.3	648.7	637.6	634.2	627.9	633.0	633.8
27.5°	658.1	643.2	624.0	615.9	604.9	599.4	591.7	581.5	568.3	576.0	574.7
30°	614.2	592.1	576.4	556.8	539.4	538.1	523.6	506.6	499.8	499.8	503.6
32.5°	565.3	536.0	513.0	485.4	468.3	461.1	443.7	426.7	430.5	417.7	422.4
35°	508.3	469.6	440.7	413.9	401.1	392.6	370.1	360.7	350.5	344.6	355.6
37.5°	453.9	409.2	372.2	342.9	338.2	322.9	307.5	301.6	295.6	298.2	297.8
40°	387.5	348.0	314.8	291.8	283.7	276.5	266.3	259.1	255.2	257.4	257.8
42.5°	327.5	294.4	269.7	253.5	246.7	241.6	236.5	230.6	229.3	229.3	231.0
45°	281.2	253.9	237.4	224.2	220.3	216.5	212.7	210.1	209.3	207.6	208.9
47.5°	244.2	222.5	212.3	202.5	198.2	197.4	194.0	192.7	191.0	190.6	191.0
50°	213.1	199.5	190.1	184.6	181.6	180.4	178.7	176.1	175.3	177.4	176.5
52.5°	191.4	178.7	173.6	168.0	166.3	164.6	162.1	162.5	162.1	161.2	161.2
55°	169.7	161.6	156.5	152.3	151.9	150.2	148.0	147.2	146.8	145.9	147.2
57.5°	152.3	145.9	141.2	137.4	135.7	135.7	133.6	131.9	131.9	131.4	131.9
60°	134.8	128.5	125.5	121.7	120.4	120.0	118.7	117.8	116.6	116.6	116.6
62.5°	118.7	113.6	110.2	106.8	107.2	105.1	103.4	102.5	102.5	102.9	102.9
65°	103.4	100.0	95.7	92.7	91.9	91.5	90.6	90.2	88.9	89.8	89.8
67.5°	89.3	84.6	82.1	80.8	79.5	79.1	78.3	77.4	77.0	76.6	77.4
70°	75.3	71.5	69.3	68.5	67.2	66.8	66.4	65.1	65.5	65.9	66.4
72.5°	62.5	59.1	58.7	56.1	56.1	56.1	54.4	55.3	54.9	54.0	54.9
75°	49.3	47.6	46.8	45.5	45.9	45.5	45.1	43.8	43.8	44.2	44.7
77.5°	39.1	37.4	37.0	35.7	34.9	35.7	34.9	34.5	34.5	34.9	34.9
80°	28.9	28.1	26.8	26.8	26.8	26.4	26.4	26.4	25.9	25.5	25.9
82.5°	19.1	19.1	18.7	18.3	18.7	17.9	18.3	18.3	18.3	18.3	18.3
85°	12.3	11.9	11.9	11.5	11.5	11.5	11.9	11.1	11.1	11.5	11.5
87.5°	5.5	5.5	5.5	6.0	5.5	5.5	5.5	6.0	5.5	5.5	5.5
90°	29.3	30.9	32.4	33.9	34.7	35.0	35.6	36.3	36.9	37.5	36.9
92.5°	33.9	34.5	35.2	35.8	36.1	36.3	36.6	36.9	37.2	37.5	37.2
95°	55.7	57.2	58.8	60.3	61.1	60.9	60.6	60.3	60.0	59.7	60.0
97.5°	71.7	72.6	73.5	74.4	74.9	75.1	75.4	75.7	76.0	76.3	76.0
100°	81.6	84.0	86.5	89.0	90.2	90.5	91.1	91.8	92.4	93.0	92.4
102.5°	85.3	88.7	92.0	95.4	97.1	97.6	98.5	99.4	100.4	101.3	100.4
105°	88.0	91.4	94.8	98.2	99.9	100.5	101.8	103.0	104.3	105.5	104.3
107.5°	90.8	94.2	97.6	101.0	102.7	103.3	104.5	105.8	107.0	108.2	107.0
110°	212.0	181.2	150.3	119.5	104.1	104.7	105.9	107.2	108.4	109.6	108.4

TEST NUMBER: P1029340

CATALOG NUMBER: S122DIW-B290D1440UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	572.0	439.1	306.2	173.3	106.8	107.3	108.2	109.1	110.1	111.0	110.1
115°	713.3	570.6	427.8	285.1	213.7	202.6	180.4	158.2	136.0	113.8	136.0
117.5°	886.9	842.8	798.7	754.6	732.6	692.2	611.4	530.7	449.9	369.1	449.9
120°	1020.8	1024.5	1028.2	1031.9	1033.7	1012.9	971.3	929.6	888.0	846.4	888.0
122.5°	1100.7	1102.6	1104.4	1106.3	1107.2	1107.4	1107.7	1108.0	1108.3	1108.6	1108.3
125°	1174.7	1176.8	1179.0	1181.1	1182.2	1182.7	1183.6	1184.5	1185.4	1186.3	1185.4
127.5°	1243.6	1246.6	1249.7	1252.8	1254.3	1254.5	1254.8	1255.1	1255.4	1255.7	1255.4
130°	1309.1	1312.5	1315.8	1319.2	1320.9	1320.7	1320.4	1320.1	1319.8	1319.5	1319.8
132.5°	1373.7	1376.5	1379.2	1382.0	1383.4	1383.2	1382.9	1382.6	1382.3	1382.0	1382.3
135°	1433.6	1436.7	1439.8	1442.9	1444.4	1444.1	1443.5	1442.8	1442.2	1441.6	1442.2
137.5°	1490.5	1493.6	1496.7	1499.8	1501.3	1500.8	1499.9	1499.0	1498.0	1497.1	1498.0
140°	1545.7	1548.5	1551.2	1554.0	1555.4	1554.6	1553.1	1551.6	1550.0	1548.5	1550.0
142.5°	1596.8	1599.2	1601.7	1604.2	1605.4	1604.6	1603.1	1601.5	1600.0	1598.4	1600.0
145°	1643.6	1645.8	1647.9	1650.1	1651.2	1650.4	1648.9	1647.3	1645.8	1644.2	1645.8
147.5°	1686.0	1687.6	1689.1	1690.6	1691.4	1690.8	1689.5	1688.3	1687.0	1685.8	1687.0
150°	1723.7	1725.6	1727.4	1729.3	1730.2	1729.4	1727.9	1726.4	1724.8	1723.3	1724.8
152.5°	1758.4	1760.3	1762.1	1764.0	1764.9	1763.8	1761.7	1759.5	1757.4	1755.2	1757.4
155°	1789.0	1790.8	1792.7	1794.6	1795.5	1794.3	1791.8	1789.3	1786.9	1784.4	1786.9
157.5°	1815.7	1817.8	1820.0	1822.1	1823.2	1822.0	1819.5	1817.0	1814.6	1812.1	1814.6
160°	1838.9	1840.8	1842.6	1844.5	1845.4	1844.3	1842.2	1840.0	1837.9	1835.7	1837.9
162.5°	1860.1	1862.2	1864.4	1866.5	1867.6	1866.2	1863.4	1860.7	1857.9	1855.1	1857.9
165°	1876.8	1878.9	1881.1	1883.2	1884.3	1883.2	1881.1	1878.9	1876.8	1874.6	1876.8
167.5°	1892.0	1894.1	1896.3	1898.4	1899.5	1898.1	1895.3	1892.6	1889.8	1887.0	1889.8
170°	1903.1	1905.2	1907.4	1909.5	1910.6	1909.2	1906.4	1903.7	1900.9	1898.1	1900.9
172.5°	1911.4	1913.6	1915.7	1917.9	1919.0	1917.6	1914.8	1912.1	1909.3	1906.5	1909.3
175°	1917.0	1919.1	1921.3	1923.4	1924.5	1923.0	1919.9	1916.8	1913.7	1910.6	1913.7
177.5°	1918.4	1920.5	1922.7	1924.8	1925.9	1924.5	1921.7	1919.0	1916.2	1913.4	1916.2
180°	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6

TEST NUMBER: P1029340

CATALOG NUMBER: S122DIW-B290D1440UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4
2.5°	586.6	583.6	581.1	581.5	583.6	581.9	577.7	572.1	570.0	567.5	570.0
5°	621.9	619.3	614.2	614.7	613.4	611.7	604.9	596.4	596.4	589.6	588.7
7.5°	656.8	653.0	649.5	648.7	644.0	640.6	634.7	622.8	618.1	610.0	605.3
10°	695.9	692.9	689.1	684.4	681.9	675.9	666.1	648.7	640.2	629.1	621.0
12.5°	735.5	735.0	726.5	717.2	716.8	707.4	700.6	677.2	665.7	650.8	631.7
15°	760.6	758.4	753.8	749.1	750.4	740.2	724.8	697.2	689.5	671.7	651.3
17.5°	760.1	760.1	758.9	758.0	756.7	753.8	745.3	727.0	714.6	692.1	672.9
20°	735.9	741.4	742.7	742.3	746.5	748.7	748.2	736.8	727.0	707.0	687.4
22.5°	687.4	700.2	705.7	709.1	718.0	722.7	733.8	729.5	727.0	712.1	695.5
25°	642.3	646.6	663.2	664.0	676.3	687.8	698.9	706.1	715.5	710.0	695.9
27.5°	584.0	593.8	605.7	614.7	617.2	640.6	658.9	672.5	693.8	695.5	690.8
30°	518.1	522.8	542.4	554.3	567.9	584.9	611.3	634.7	653.8	671.2	677.2
32.5°	437.7	456.9	468.3	482.8	494.7	524.9	557.2	587.4	609.6	638.9	651.7
35°	364.1	379.0	398.6	404.5	426.2	451.7	493.9	532.6	566.2	596.0	621.9
37.5°	303.3	315.2	336.0	345.4	358.2	390.9	426.2	474.3	514.7	551.3	583.6
40°	261.6	270.5	286.3	289.3	299.9	329.7	358.2	403.3	456.9	506.2	541.5
42.5°	233.1	237.4	248.0	251.8	258.6	278.6	304.1	346.7	396.5	447.5	497.3
45°	212.7	215.7	222.0	225.4	234.0	242.9	263.7	297.8	336.9	388.4	442.0
47.5°	194.4	198.2	200.8	202.9	207.6	217.4	231.0	256.1	293.5	340.7	392.6
50°	179.1	180.4	185.0	185.5	188.4	194.8	207.6	222.9	252.7	291.0	341.2
52.5°	163.8	165.0	168.0	171.0	172.3	177.4	185.9	198.7	220.8	251.0	295.6
55°	148.5	150.2	153.1	155.3	156.5	160.8	165.9	178.2	195.7	216.9	253.5
57.5°	133.1	137.0	137.8	139.1	141.2	145.9	150.6	157.8	171.4	191.0	217.8
60°	118.7	120.0	122.9	124.2	126.3	128.9	134.8	140.4	150.2	165.5	189.7
62.5°	103.8	106.8	108.0	109.3	111.0	114.0	117.8	123.8	132.3	144.6	163.8
65°	91.0	91.5	94.0	95.7	97.4	99.5	103.4	108.9	114.0	125.5	139.5
67.5°	78.7	79.5	80.4	82.1	84.2	86.4	89.8	92.7	99.1	106.8	117.8
70°	66.8	66.8	68.9	70.2	69.8	72.3	74.9	78.3	82.9	90.2	99.1
72.5°	56.1	55.7	57.4	57.9	58.7	60.4	62.1	65.5	68.1	73.6	80.4
75°	44.7	45.5	46.4	46.4	47.6	48.9	50.6	52.3	55.3	58.7	63.8
77.5°	35.3	35.3	36.2	36.6	37.9	37.4	39.1	40.8	43.0	45.9	49.8
80°	25.9	26.8	26.8	26.8	27.2	27.6	29.4	30.6	31.9	34.0	35.7
82.5°	18.3	18.3	19.1	19.1	19.1	20.0	20.0	20.4	21.3	22.5	23.8
85°	11.5	11.5	11.5	11.9	11.5	11.9	12.8	12.3	12.8	13.6	13.6
87.5°	5.5	5.5	5.5	5.5	5.5	6.0	5.5	6.0	6.4	6.4	6.4
90°	36.3	35.6	35.0	34.7	33.9	32.4	30.9	29.3	27.8	25.3	22.9
92.5°	36.9	36.6	36.3	36.1	35.8	35.2	34.5	33.9	33.3	32.4	31.4
95°	60.3	60.6	60.9	61.1	60.3	58.8	57.2	55.7	54.1	51.9	49.8
97.5°	75.7	75.4	75.1	74.9	74.4	73.5	72.6	71.7	70.8	65.9	60.9
100°	91.8	91.1	90.5	90.2	89.0	86.5	84.0	81.6	79.1	73.9	68.6
102.5°	99.4	98.5	97.6	97.1	95.4	92.0	88.7	85.3	81.9	138.0	194.1
105°	103.0	101.8	100.5	99.9	98.2	94.8	91.4	88.0	84.6	168.8	253.0
107.5°	105.8	104.5	103.3	102.7	101.0	97.6	94.2	90.8	87.4	191.3	295.2
110°	107.2	105.9	104.7	104.1	119.5	150.3	181.2	212.0	242.8	331.9	421.0

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CATALOG NUMBER: S122DIW-B290D1440UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	109.1	108.2	107.3	106.8	173.3	306.2	439.1	572.0	704.9	710.1	715.4
115°	158.2	180.4	202.6	213.7	285.1	427.8	570.6	713.3	856.1	848.4	840.7
117.5°	530.7	611.4	692.2	732.6	754.6	798.7	842.8	886.9	931.0	925.8	920.5
120°	929.6	971.3	1012.9	1033.7	1031.9	1028.2	1024.5	1020.8	1017.1	1011.5	1006.0
122.5°	1108.0	1107.7	1107.4	1107.2	1106.3	1104.4	1102.6	1100.7	1098.9	1092.7	1086.6
125°	1184.5	1183.6	1182.7	1182.2	1181.1	1179.0	1176.8	1174.7	1172.5	1166.6	1160.8
127.5°	1255.1	1254.8	1254.5	1254.3	1252.8	1249.7	1246.6	1243.6	1240.5	1235.9	1231.2
130°	1320.1	1320.4	1320.7	1320.9	1319.2	1315.8	1312.5	1309.1	1305.7	1302.3	1298.9
132.5°	1382.6	1382.9	1383.2	1383.4	1382.0	1379.2	1376.5	1373.7	1370.9	1367.5	1364.1
135°	1442.8	1443.5	1444.1	1444.4	1442.9	1439.8	1436.7	1433.6	1430.5	1427.7	1425.0
137.5°	1499.0	1499.9	1500.8	1501.3	1499.8	1496.7	1493.6	1490.5	1487.4	1484.3	1481.3
140°	1551.6	1553.1	1554.6	1555.4	1554.0	1551.2	1548.5	1545.7	1542.9	1539.5	1536.1
142.5°	1601.5	1603.1	1604.6	1605.4	1604.2	1601.7	1599.2	1596.8	1594.3	1590.3	1586.3
145°	1647.3	1648.9	1650.4	1651.2	1650.1	1647.9	1645.8	1643.6	1641.4	1636.2	1631.0
147.5°	1688.3	1689.5	1690.8	1691.4	1690.6	1689.1	1687.6	1686.0	1684.5	1679.3	1674.0
150°	1726.4	1727.9	1729.4	1730.2	1729.3	1727.4	1725.6	1723.7	1721.9	1717.0	1712.0
152.5°	1759.5	1761.7	1763.8	1764.9	1764.0	1762.1	1760.3	1758.4	1756.6	1752.0	1747.4
155°	1789.3	1791.8	1794.3	1795.5	1794.6	1792.7	1790.8	1789.0	1787.1	1783.4	1779.7
157.5°	1817.0	1819.5	1822.0	1823.2	1822.1	1820.0	1817.8	1815.7	1813.5	1810.7	1807.9
160°	1840.0	1842.2	1844.3	1845.4	1844.5	1842.6	1840.8	1838.9	1837.1	1835.3	1833.4
162.5°	1860.7	1863.4	1866.2	1867.6	1866.5	1864.4	1862.2	1860.1	1857.9	1856.4	1854.8
165°	1878.9	1881.1	1883.2	1884.3	1883.2	1881.1	1878.9	1876.8	1874.6	1873.7	1872.7
167.5°	1892.6	1895.3	1898.1	1899.5	1898.4	1896.3	1894.1	1892.0	1889.8	1888.9	1888.0
170°	1903.7	1906.4	1909.2	1910.6	1909.5	1907.4	1905.2	1903.1	1900.9	1900.3	1899.7
172.5°	1912.1	1914.8	1917.6	1919.0	1917.9	1915.7	1913.6	1911.4	1909.2	1908.6	1908.0
175°	1916.8	1919.9	1923.0	1924.5	1923.4	1921.3	1919.1	1917.0	1914.8	1914.2	1913.6
177.5°	1919.0	1921.7	1924.5	1925.9	1924.8	1922.7	1920.5	1918.4	1916.2	1915.9	1915.6
180°	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6

TEST NUMBER: P1029340

CATALOG NUMBER: S122DIW-B290D1440UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4
2.5°	567.9	565.7	564.5	565.3	562.8	556.4	556.4	558.5	556.0	553.4	549.6
5°	583.6	579.4	576.8	576.4	570.4	560.2	558.1	556.0	550.4	544.5	538.1
7.5°	598.9	591.3	587.0	584.0	575.5	562.3	556.8	552.1	543.2	534.3	526.2
10°	611.7	600.6	595.5	590.8	579.8	563.2	554.3	545.8	534.3	522.8	512.6
12.5°	621.9	609.1	602.8	596.0	582.3	560.6	549.6	536.0	524.5	509.2	499.0
15°	638.9	612.5	606.6	600.2	586.2	556.4	542.8	527.5	511.7	491.3	480.2
17.5°	652.5	617.2	616.8	603.2	584.9	554.7	533.8	513.9	496.8	476.4	459.0
20°	660.6	624.5	617.6	603.6	580.6	543.2	521.5	499.4	481.1	456.4	439.0
22.5°	667.4	634.7	616.8	599.8	571.7	539.4	507.5	486.6	461.5	434.7	418.1
25°	670.0	636.8	618.1	598.5	565.3	528.3	492.2	469.6	441.5	417.3	394.7
27.5°	670.4	636.4	613.4	593.0	556.4	513.9	476.8	453.0	422.0	393.9	371.4
30°	666.1	631.7	610.8	588.7	547.9	500.7	458.1	431.8	398.6	370.5	347.1
32.5°	653.4	622.3	605.3	581.1	536.8	482.4	440.3	410.9	376.0	348.4	325.8
35°	632.1	610.8	592.1	569.6	522.4	465.4	422.4	387.9	352.6	326.3	305.0
37.5°	605.7	594.3	576.8	554.7	505.8	450.0	402.4	364.1	328.8	303.3	282.4
40°	570.0	573.0	556.0	536.0	486.2	429.2	376.5	339.9	306.7	282.9	262.5
42.5°	531.3	543.6	533.8	514.7	464.5	406.2	357.3	316.9	284.6	259.9	242.9
45°	489.6	510.9	504.9	490.9	442.0	382.0	330.1	291.0	262.5	238.6	223.7
47.5°	444.1	474.3	474.3	464.1	416.9	357.7	306.7	266.7	238.6	221.6	207.2
50°	397.7	431.8	437.3	430.5	388.8	330.1	278.2	242.0	217.8	201.2	190.6
52.5°	349.2	388.8	399.0	395.6	359.0	303.7	254.8	219.5	197.4	182.9	173.6
55°	302.9	348.8	359.9	361.1	327.1	274.8	228.9	197.8	176.5	166.7	158.7
57.5°	259.1	303.3	315.6	317.8	294.8	248.4	204.6	177.4	158.2	150.2	143.8
60°	221.6	258.6	274.8	279.5	259.5	217.8	182.1	155.7	141.2	133.6	127.6
62.5°	191.0	220.8	237.8	239.1	230.1	191.0	158.7	136.5	124.2	117.4	114.4
65°	161.2	188.0	198.2	203.3	196.1	165.5	137.0	118.7	108.9	102.9	100.0
67.5°	137.4	154.4	162.9	169.7	162.5	139.5	116.6	101.7	94.4	88.5	86.8
70°	112.7	126.8	133.1	139.9	133.6	116.1	99.5	85.9	79.5	74.9	72.7
72.5°	90.2	101.2	107.2	111.4	107.6	93.2	79.5	70.2	65.5	62.1	60.8
75°	71.5	79.1	82.5	85.5	83.8	72.7	64.2	56.6	52.3	49.3	48.5
77.5°	54.4	60.0	63.8	64.7	62.5	55.3	48.1	43.4	40.0	38.3	37.4
80°	38.7	42.1	44.2	45.5	43.4	40.4	35.3	31.9	28.9	26.8	26.4
82.5°	25.9	27.6	29.4	28.9	28.1	25.5	22.5	20.8	19.6	17.9	17.9
85°	14.9	15.3	16.2	16.6	16.2	14.5	12.8	11.9	11.1	9.8	9.8
87.5°	6.4	6.8	6.8	7.2	6.4	6.4	5.5	4.7	4.7	4.3	3.8
90°	20.4	17.9	16.7	15.0	11.6	8.2	4.8	1.4	4.8	8.2	11.6
92.5°	30.5	29.6	29.1	29.7	31.0	32.2	33.5	34.7	33.5	32.2	31.0
95°	47.6	45.5	44.4	49.5	59.7	69.8	80.0	90.2	80.0	69.8	59.7
97.5°	56.0	51.1	48.6	61.2	86.5	111.8	137.0	162.3	137.0	111.8	86.5
100°	63.4	58.1	55.5	76.6	118.9	161.1	203.4	245.6	203.4	161.1	118.9
102.5°	250.2	306.3	334.4	334.7	335.3	336.0	336.6	337.2	336.6	336.0	335.3
105°	337.1	421.3	463.4	458.8	449.5	440.3	431.0	421.8	431.0	440.3	449.5
107.5°	399.1	503.0	555.0	551.1	543.4	535.7	528.0	520.3	528.0	535.7	543.4
110°	510.1	599.2	643.8	640.6	634.1	627.6	621.2	614.7	621.2	627.6	634.1

TEST NUMBER: P1029340

CATALOG NUMBER: S122DIW-B290D1440UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	720.6	725.9	728.5	725.7	720.2	714.6	709.1	703.5	709.1	714.6	720.2
115°	833.0	825.3	821.4	818.8	813.5	808.3	803.0	797.8	803.0	808.3	813.5
117.5°	915.3	910.0	907.4	904.3	898.2	892.0	885.9	879.7	885.9	892.0	898.2
120°	1000.4	994.9	992.1	989.8	985.2	980.5	975.9	971.3	975.9	980.5	985.2
122.5°	1080.4	1074.3	1071.2	1068.7	1063.8	1058.9	1053.9	1049.0	1053.9	1058.9	1063.8
125°	1154.9	1149.0	1146.1	1144.1	1140.1	1136.1	1132.1	1128.1	1132.1	1136.1	1140.1
127.5°	1226.6	1221.9	1219.6	1217.4	1213.1	1208.8	1204.5	1200.2	1204.5	1208.8	1213.1
130°	1295.5	1292.1	1290.4	1287.9	1283.0	1278.1	1273.1	1268.2	1273.1	1278.1	1283.0
132.5°	1360.7	1357.3	1355.6	1353.6	1349.6	1345.6	1341.6	1337.6	1341.6	1345.6	1349.6
135°	1422.2	1419.5	1418.1	1415.6	1410.7	1405.8	1400.8	1395.9	1400.8	1405.8	1410.7
137.5°	1478.2	1475.1	1473.6	1471.7	1468.0	1464.3	1460.6	1456.9	1460.6	1464.3	1468.0
140°	1532.8	1529.4	1527.7	1526.5	1524.0	1521.5	1519.1	1516.6	1519.1	1521.5	1524.0
142.5°	1582.2	1578.2	1576.2	1575.1	1573.0	1570.8	1568.7	1566.5	1568.7	1570.8	1573.0
145°	1625.7	1620.5	1617.9	1618.0	1618.3	1618.6	1618.9	1619.2	1618.9	1618.6	1618.3
147.5°	1668.8	1663.5	1660.9	1661.4	1662.3	1663.2	1664.1	1665.0	1664.1	1663.2	1662.3
150°	1707.1	1702.2	1699.7	1700.8	1702.9	1705.1	1707.2	1709.4	1707.2	1705.1	1702.9
152.5°	1742.7	1738.1	1735.8	1737.0	1739.5	1742.0	1744.4	1746.9	1744.4	1742.0	1739.5
155°	1776.0	1772.3	1770.5	1771.9	1774.7	1777.4	1780.2	1783.0	1780.2	1777.4	1774.7
157.5°	1805.2	1802.4	1801.0	1802.2	1804.7	1807.2	1809.6	1812.1	1809.6	1807.2	1804.7
160°	1831.6	1829.7	1828.8	1829.7	1831.6	1833.4	1835.3	1837.1	1835.3	1833.4	1831.6
162.5°	1853.3	1851.8	1851.0	1851.9	1853.8	1855.6	1857.5	1859.3	1857.5	1855.6	1853.8
165°	1871.8	1870.9	1870.4	1871.3	1873.2	1875.0	1876.9	1878.7	1876.9	1875.0	1873.2
167.5°	1887.1	1886.2	1885.7	1886.6	1888.5	1890.3	1892.2	1894.0	1892.2	1890.3	1888.5
170°	1899.0	1898.4	1898.1	1899.0	1900.9	1902.8	1904.6	1906.5	1904.6	1902.8	1900.9
172.5°	1907.4	1906.8	1906.5	1907.4	1909.3	1911.1	1913.0	1914.8	1913.0	1911.1	1909.3
175°	1912.9	1912.3	1912.0	1913.1	1915.2	1917.4	1919.5	1921.7	1919.5	1917.4	1915.2
177.5°	1915.3	1915.0	1914.8	1915.9	1918.0	1920.2	1922.3	1924.5	1922.3	1920.2	1918.0
180°	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6

TEST NUMBER: P1029340

CATALOG NUMBER: S122DIW-B290D1440UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4
2.5°	547.5	549.6	549.2	544.9	540.2	536.4	529.2	530.0	527.5	527.9	530.4
5°	533.8	533.8	532.1	526.2	518.5	514.3	506.2	504.1	499.0	498.5	498.1
7.5°	519.4	517.3	515.1	506.6	497.3	490.5	479.4	476.8	471.7	468.3	466.6
10°	502.4	499.4	495.1	485.4	473.9	465.4	453.9	450.5	440.7	436.4	433.9
12.5°	483.7	482.0	475.1	467.1	448.3	439.0	422.4	425.8	416.0	407.5	406.2
15°	464.9	458.6	454.7	441.5	419.0	414.7	401.6	394.7	385.8	379.0	379.0
17.5°	446.6	436.9	428.4	414.3	397.7	385.8	376.0	372.6	361.6	354.8	353.5
20°	422.4	411.3	409.2	389.2	377.7	364.5	355.2	346.7	338.6	335.6	333.5
22.5°	399.4	386.7	383.3	366.2	354.8	341.6	332.2	326.3	320.3	318.2	314.4
25°	374.8	367.1	362.0	343.7	330.9	318.6	312.2	308.0	302.4	302.0	299.5
27.5°	350.9	343.7	338.6	321.2	311.8	300.3	295.2	290.5	287.6	286.3	285.0
30°	330.5	322.4	316.5	303.7	292.2	282.9	278.6	275.6	273.9	271.8	271.4
32.5°	308.0	303.3	295.2	285.4	276.5	267.6	265.0	262.9	260.3	259.5	259.1
35°	288.8	282.4	277.3	266.3	262.5	254.8	251.8	250.1	246.7	245.9	245.0
37.5°	270.1	264.2	258.6	251.8	244.6	240.3	238.6	236.1	234.4	234.8	234.0
40°	251.4	246.7	242.5	235.2	231.0	228.9	225.4	222.9	222.0	222.5	222.0
42.5°	233.1	228.9	226.3	220.8	216.5	214.4	212.3	209.7	211.0	211.0	212.3
45°	216.5	212.7	211.0	206.7	204.2	200.8	198.7	198.2	199.9	199.5	199.5
47.5°	199.5	198.2	196.1	192.3	188.9	186.7	186.3	186.3	188.0	188.9	188.4
50°	186.3	183.8	181.2	178.2	175.7	174.8	173.6	174.4	176.1	176.1	177.0
52.5°	169.7	168.0	167.2	164.6	162.9	162.9	162.9	163.3	164.6	165.9	165.5
55°	155.3	154.0	153.1	151.9	149.7	150.2	149.7	150.6	151.9	153.1	154.0
57.5°	139.9	139.5	138.7	136.5	136.5	136.1	137.4	137.8	139.9	140.8	142.1
60°	126.3	125.1	125.1	123.4	123.4	123.4	124.6	125.9	127.6	128.0	128.9
62.5°	111.9	111.9	111.4	110.2	110.2	111.4	111.9	113.6	114.4	114.4	115.7
65°	98.3	97.8	97.4	97.8	98.3	98.3	99.5	100.4	101.2	101.7	102.1
67.5°	84.6	84.2	85.1	84.6	85.5	87.2	86.8	88.1	89.3	89.3	89.8
70°	71.9	72.7	72.3	73.2	72.7	73.6	74.9	75.3	75.3	75.7	77.0
72.5°	60.0	60.0	60.0	59.6	60.0	60.8	61.7	62.1	63.0	63.4	64.7
75°	48.5	48.5	47.6	48.5	48.5	49.3	50.2	50.2	50.2	51.0	52.3
77.5°	36.6	37.0	36.6	37.4	37.4	37.9	38.7	38.3	39.1	39.6	40.0
80°	26.8	26.4	26.4	26.4	26.8	26.8	27.6	28.1	28.1	29.4	28.5
82.5°	17.0	17.4	17.0	17.4	17.4	17.9	17.4	17.9	18.3	19.1	18.7
85°	9.8	9.4	9.4	9.8	9.4	9.4	9.8	9.4	9.8	9.4	9.8
87.5°	3.8	3.4	3.4	3.4	3.4	3.0	3.0	2.6	2.6	2.6	2.1
90°	15.0	16.7	17.9	20.4	22.9	25.3	27.8	29.3	30.9	32.4	33.9
92.5°	29.7	29.1	29.6	30.5	31.4	32.4	33.3	33.9	34.5	35.2	35.8
95°	49.5	44.4	45.5	47.6	49.8	51.9	54.1	55.7	57.2	58.8	60.3
97.5°	61.2	48.6	51.1	56.0	60.9	65.9	70.8	71.7	72.6	73.5	74.4
100°	76.6	55.5	58.1	63.4	68.6	73.9	79.1	81.6	84.0	86.5	89.0
102.5°	334.7	334.4	306.3	250.2	194.1	138.0	81.9	85.3	88.7	92.0	95.4
105°	458.8	463.4	421.3	337.1	253.0	168.8	84.6	88.0	91.4	94.8	98.2
107.5°	551.1	555.0	503.0	399.1	295.2	191.3	87.4	90.8	94.2	97.6	101.0
110°	640.6	643.8	599.2	510.1	421.0	331.9	242.8	212.0	181.2	150.3	119.5

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	725.7	728.5	725.9	720.6	715.4	710.1	704.9	572.0	439.1	306.2	173.3
115°	818.8	821.4	825.3	833.0	840.7	848.4	856.1	713.3	570.6	427.8	285.1
117.5°	904.3	907.4	910.0	915.3	920.5	925.8	931.0	886.9	842.8	798.7	754.6
120°	989.8	992.1	994.9	1000.4	1006.0	1011.5	1017.1	1020.8	1024.5	1028.2	1031.9
122.5°	1068.7	1071.2	1074.3	1080.4	1086.6	1092.7	1098.9	1100.7	1102.6	1104.4	1106.3
125°	1144.1	1146.1	1149.0	1154.9	1160.8	1166.6	1172.5	1174.7	1176.8	1179.0	1181.1
127.5°	1217.4	1219.6	1221.9	1226.6	1231.2	1235.9	1240.5	1243.6	1246.6	1249.7	1252.8
130°	1287.9	1290.4	1292.1	1295.5	1298.9	1302.3	1305.7	1309.1	1312.5	1315.8	1319.2
132.5°	1353.6	1355.6	1357.3	1360.7	1364.1	1367.5	1370.9	1373.7	1376.5	1379.2	1382.0
135°	1415.6	1418.1	1419.5	1422.2	1425.0	1427.7	1430.5	1433.6	1436.7	1439.8	1442.9
137.5°	1471.7	1473.6	1475.1	1478.2	1481.3	1484.3	1487.4	1490.5	1493.6	1496.7	1499.8
140°	1526.5	1527.7	1529.4	1532.8	1536.1	1539.5	1542.9	1545.7	1548.5	1551.2	1554.0
142.5°	1575.1	1576.2	1578.2	1582.2	1586.3	1590.3	1594.3	1596.8	1599.2	1601.7	1604.2
145°	1618.0	1617.9	1620.5	1625.7	1631.0	1636.2	1641.4	1643.6	1645.8	1647.9	1650.1
147.5°	1661.4	1660.9	1663.5	1668.8	1674.0	1679.3	1684.5	1686.0	1687.6	1689.1	1690.6
150°	1700.8	1699.7	1702.2	1707.1	1712.0	1717.0	1721.9	1723.7	1725.6	1727.4	1729.3
152.5°	1737.0	1735.8	1738.1	1742.7	1747.4	1752.0	1756.6	1758.4	1760.3	1762.1	1764.0
155°	1771.9	1770.5	1772.3	1776.0	1779.7	1783.4	1787.1	1789.0	1790.8	1792.7	1794.6
157.5°	1802.2	1801.0	1802.4	1805.2	1807.9	1810.7	1813.5	1815.7	1817.8	1820.0	1822.1
160°	1829.7	1828.8	1829.7	1831.6	1833.4	1835.3	1837.1	1838.9	1840.8	1842.6	1844.5
162.5°	1851.9	1851.0	1851.8	1853.3	1854.8	1856.4	1857.9	1860.1	1862.2	1864.4	1866.5
165°	1871.3	1870.4	1870.9	1871.8	1872.7	1873.7	1874.6	1876.8	1878.9	1881.1	1883.2
167.5°	1886.6	1885.7	1886.2	1887.1	1888.0	1888.9	1889.8	1892.0	1894.1	1896.3	1898.4
170°	1899.0	1898.1	1898.4	1899.0	1899.7	1900.3	1900.9	1903.1	1905.2	1907.4	1909.5
172.5°	1907.4	1906.5	1906.8	1907.4	1908.0	1908.6	1909.2	1911.4	1913.6	1915.7	1917.9
175°	1913.1	1912.0	1912.3	1912.9	1913.6	1914.2	1914.8	1917.0	1919.1	1921.3	1923.4
177.5°	1915.9	1914.8	1915.0	1915.3	1915.6	1915.9	1916.2	1918.4	1920.5	1922.7	1924.8
180°	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4
2.5°	527.5	528.7	525.8	524.9	525.8	522.8	523.6	524.5	524.5	525.8	526.6
5°	496.8	495.1	492.2	491.3	490.5	491.7	490.9	492.2	492.6	495.6	496.0
7.5°	466.6	464.1	461.5	459.0	458.1	456.0	458.1	458.1	461.1	460.3	462.4
10°	430.9	430.5	427.1	425.8	424.1	420.7	425.4	424.1	426.2	430.1	430.9
12.5°	404.5	399.9	402.0	396.0	398.2	394.7	395.2	395.2	398.6	399.0	398.2
15°	379.4	375.6	370.1	367.5	366.2	364.5	370.1	370.5	368.0	373.9	371.8
17.5°	353.9	353.9	348.8	347.5	344.1	345.8	345.0	345.4	344.6	348.8	350.9
20°	331.8	329.7	328.0	328.4	324.1	323.3	322.4	323.3	326.3	329.2	330.1
22.5°	313.9	312.7	308.4	309.2	305.8	307.1	306.3	308.4	308.8	308.8	311.8
25°	296.9	295.2	295.6	293.9	292.7	292.7	291.4	292.7	294.4	295.2	295.6
27.5°	284.2	282.9	280.7	279.5	280.3	278.2	279.9	281.2	281.2	280.3	281.2
30°	268.8	269.7	269.7	265.4	267.1	266.3	267.6	268.4	268.4	268.8	268.0
32.5°	258.6	256.1	255.7	255.2	255.2	253.5	253.5	254.8	255.2	255.7	256.9
35°	245.0	245.0	242.9	244.2	242.5	242.9	242.5	242.9	243.7	242.5	243.7
37.5°	232.7	233.1	232.3	233.1	233.5	232.7	231.8	233.5	232.7	232.7	231.8
40°	222.0	221.6	222.0	222.0	222.0	222.5	221.6	221.6	221.6	220.8	219.9
42.5°	213.1	210.6	211.4	211.8	210.6	210.6	211.0	210.6	211.8	209.3	209.3
45°	200.4	199.5	199.9	199.9	200.8	199.5	200.4	200.8	199.5	199.1	198.2
47.5°	188.9	189.7	188.9	189.7	189.7	190.6	188.9	189.3	189.7	188.0	186.7
50°	177.4	177.4	178.7	178.2	178.7	177.8	177.8	177.4	177.8	177.0	175.7
52.5°	166.7	165.5	167.6	167.2	166.7	166.3	165.9	166.3	165.5	164.6	164.6
55°	153.6	153.6	154.8	155.3	155.3	154.4	153.6	154.0	153.6	153.1	152.7
57.5°	142.9	141.2	142.1	142.5	142.5	141.2	142.1	141.2	141.2	141.7	140.4
60°	129.3	129.3	128.5	129.7	129.7	128.9	128.9	129.3	128.5	128.0	127.6
62.5°	114.9	115.3	116.6	117.0	117.4	116.6	115.7	116.1	116.1	114.9	115.3
65°	102.5	103.4	105.1	104.6	103.8	104.2	103.4	103.8	102.5	102.9	101.7
67.5°	90.6	90.2	90.6	90.6	91.5	91.0	90.2	90.2	89.8	91.0	89.8
70°	77.8	77.8	77.8	77.8	78.3	78.7	77.8	77.0	77.4	76.6	76.1
72.5°	64.7	65.1	64.7	65.5	64.2	65.1	65.1	64.7	64.2	64.2	64.2
75°	52.3	53.2	51.9	52.3	51.9	52.7	52.3	52.3	51.5	51.0	51.5
77.5°	40.0	40.4	39.6	40.0	39.6	40.0	40.0	39.6	39.6	39.6	39.6
80°	28.5	28.9	28.5	28.1	27.6	28.5	27.6	28.1	28.5	28.1	28.9
82.5°	18.3	18.3	17.9	18.3	17.4	17.4	17.9	17.9	17.4	18.3	17.4
85°	8.9	8.9	9.8	8.9	8.5	8.5	8.5	8.9	8.5	9.4	8.9
87.5°	2.1	1.7	2.1	2.1	1.7	1.7	2.1	1.7	2.1	2.6	1.7
90°	34.7	35.0	35.6	36.3	36.9	37.5	36.9	36.3	35.6	35.0	34.7
92.5°	36.1	36.3	36.6	36.9	37.2	37.5	37.2	36.9	36.6	36.3	36.1
95°	61.1	60.9	60.6	60.3	60.0	59.7	60.0	60.3	60.6	60.9	61.1
97.5°	74.9	75.1	75.4	75.7	76.0	76.3	76.0	75.7	75.4	75.1	74.9
100°	90.2	90.5	91.1	91.8	92.4	93.0	92.4	91.8	91.1	90.5	90.2
102.5°	97.1	97.6	98.5	99.4	100.4	101.3	100.4	99.4	98.5	97.6	97.1
105°	99.9	100.5	101.8	103.0	104.3	105.5	104.3	103.0	101.8	100.5	99.9
107.5°	102.7	103.3	104.5	105.8	107.0	108.2	107.0	105.8	104.5	103.3	102.7
110°	104.1	104.7	105.9	107.2	108.4	109.6	108.4	107.2	105.9	104.7	104.1

TEST NUMBER: P1029340

CATALOG NUMBER: S122DIW-B290D1440UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	106.8	107.3	108.2	109.1	110.1	111.0	110.1	109.1	108.2	107.3	106.8
115°	213.7	202.6	180.4	158.2	136.0	113.8	136.0	158.2	180.4	202.6	213.7
117.5°	732.6	692.2	611.4	530.7	449.9	369.1	449.9	530.7	611.4	692.2	732.6
120°	1033.7	1012.9	971.3	929.6	888.0	846.4	888.0	929.6	971.3	1012.9	1033.7
122.5°	1107.2	1107.4	1107.7	1108.0	1108.3	1108.6	1108.3	1108.0	1107.7	1107.4	1107.2
125°	1182.2	1182.7	1183.6	1184.5	1185.4	1186.3	1185.4	1184.5	1183.6	1182.7	1182.2
127.5°	1254.3	1254.5	1254.8	1255.1	1255.4	1255.7	1255.4	1255.1	1254.8	1254.5	1254.3
130°	1320.9	1320.7	1320.4	1320.1	1319.8	1319.5	1319.8	1320.1	1320.4	1320.7	1320.9
132.5°	1383.4	1383.2	1382.9	1382.6	1382.3	1382.0	1382.3	1382.6	1382.9	1383.2	1383.4
135°	1444.4	1444.1	1443.5	1442.8	1442.2	1441.6	1442.2	1442.8	1443.5	1444.1	1444.4
137.5°	1501.3	1500.8	1499.9	1499.0	1498.0	1497.1	1498.0	1499.0	1499.9	1500.8	1501.3
140°	1555.4	1554.6	1553.1	1551.6	1550.0	1548.5	1550.0	1551.6	1553.1	1554.6	1555.4
142.5°	1605.4	1604.6	1603.1	1601.5	1600.0	1598.4	1600.0	1601.5	1603.1	1604.6	1605.4
145°	1651.2	1650.4	1648.9	1647.3	1645.8	1644.2	1645.8	1647.3	1648.9	1650.4	1651.2
147.5°	1691.4	1690.8	1689.5	1688.3	1687.0	1685.8	1687.0	1688.3	1689.5	1690.8	1691.4
150°	1730.2	1729.4	1727.9	1726.4	1724.8	1723.3	1724.8	1726.4	1727.9	1729.4	1730.2
152.5°	1764.9	1763.8	1761.7	1759.5	1757.4	1755.2	1757.4	1759.5	1761.7	1763.8	1764.9
155°	1795.5	1794.3	1791.8	1789.3	1786.9	1784.4	1786.9	1789.3	1791.8	1794.3	1795.5
157.5°	1823.2	1822.0	1819.5	1817.0	1814.6	1812.1	1814.6	1817.0	1819.5	1822.0	1823.2
160°	1845.4	1844.3	1842.2	1840.0	1837.9	1835.7	1837.9	1840.0	1842.2	1844.3	1845.4
162.5°	1867.6	1866.2	1863.4	1860.7	1857.9	1855.1	1857.9	1860.7	1863.4	1866.2	1867.6
165°	1884.3	1883.2	1881.1	1878.9	1876.8	1874.6	1876.8	1878.9	1881.1	1883.2	1884.3
167.5°	1899.5	1898.1	1895.3	1892.6	1889.8	1887.0	1889.8	1892.6	1895.3	1898.1	1899.5
170°	1910.6	1909.2	1906.4	1903.7	1900.9	1898.1	1900.9	1903.7	1906.4	1909.2	1910.6
172.5°	1919.0	1917.6	1914.8	1912.1	1909.3	1906.5	1909.3	1912.1	1914.8	1917.6	1919.0
175°	1924.5	1923.0	1919.9	1916.8	1913.7	1910.6	1913.7	1916.8	1919.9	1923.0	1924.5
177.5°	1925.9	1924.5	1921.7	1919.0	1916.2	1913.4	1916.2	1919.0	1921.7	1924.5	1925.9
180°	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6

TEST NUMBER: P1029340

CATALOG NUMBER: S122DIW-B290D1440UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4
2.5°	525.3	528.7	527.5	522.8	528.3	528.3	532.1	532.1	536.8	538.5	541.1
5°	495.6	498.1	500.2	498.1	501.9	507.9	511.3	514.3	520.7	523.2	527.0
7.5°	463.7	468.3	470.5	470.5	476.8	483.7	490.5	494.7	503.6	507.0	510.9
10°	432.6	438.1	442.4	442.0	452.6	456.9	465.4	475.1	484.1	489.2	494.7
12.5°	399.9	402.8	408.8	417.3	419.8	427.5	437.3	449.6	465.8	470.5	478.5
15°	372.6	380.7	385.4	389.2	395.2	402.4	413.0	425.0	441.1	451.3	459.8
17.5°	349.7	360.3	363.3	362.4	370.1	381.1	393.5	402.4	416.9	429.2	437.3
20°	330.9	335.2	340.3	342.4	348.4	360.3	372.2	382.4	394.3	404.1	413.5
22.5°	312.2	315.6	319.9	323.7	328.4	335.2	346.7	359.4	370.9	380.3	390.9
25°	296.9	299.0	302.9	305.8	310.9	315.6	323.7	337.7	351.4	356.9	366.2
27.5°	282.0	283.7	286.3	289.7	292.2	296.9	304.1	315.6	329.7	335.2	348.0
30°	268.8	270.1	272.7	274.4	275.6	281.2	286.7	295.6	306.3	313.9	323.3
32.5°	256.5	257.8	260.3	260.8	262.5	265.4	270.5	278.6	288.0	294.4	302.4
35°	242.9	243.7	246.3	247.1	248.4	251.0	254.8	260.8	269.3	273.9	281.2
37.5°	232.3	231.8	233.5	234.8	236.5	237.8	239.1	245.0	251.4	255.7	261.2
40°	220.8	219.9	220.3	222.0	222.9	224.6	224.6	230.6	234.8	238.2	242.5
42.5°	209.3	208.9	208.0	208.9	209.7	210.1	210.6	214.8	219.1	222.0	226.7
45°	197.8	197.4	196.5	196.9	196.9	197.8	199.1	200.8	203.8	206.3	208.9
47.5°	187.2	186.3	185.0	184.6	185.5	185.5	185.5	187.2	190.1	191.0	193.5
50°	176.1	174.8	173.1	172.3	172.3	171.9	172.7	173.1	175.7	176.5	178.7
52.5°	164.2	163.3	161.6	159.9	160.4	159.5	159.9	160.4	161.2	162.5	163.8
55°	152.3	150.6	149.3	148.9	147.6	147.6	146.3	148.0	147.6	148.0	149.7
57.5°	140.8	139.1	137.0	136.1	134.8	134.4	133.6	133.1	133.6	134.8	136.1
60°	127.2	126.3	125.1	123.8	122.9	121.7	120.8	120.8	120.4	120.4	120.8
62.5°	114.0	113.6	111.9	111.4	110.6	109.7	108.5	107.6	107.6	108.5	108.9
65°	101.2	100.8	99.5	99.1	97.0	96.1	95.7	95.3	94.4	94.4	94.4
67.5°	89.3	88.1	88.1	85.9	84.2	83.4	82.5	82.1	82.1	82.1	82.5
70°	76.1	76.1	74.9	73.6	71.9	72.3	71.0	69.8	69.8	68.9	69.3
72.5°	63.4	63.0	61.7	61.3	60.0	58.7	57.9	58.7	57.4	57.0	57.4
75°	51.0	50.6	49.8	48.9	49.3	48.1	46.8	46.4	46.4	45.5	45.5
77.5°	39.1	40.0	38.3	37.9	37.0	36.2	35.7	35.3	35.3	35.3	36.2
80°	27.2	27.6	27.6	26.8	27.2	25.9	25.9	25.9	24.7	25.1	25.5
82.5°	17.4	17.4	17.0	17.4	17.0	17.0	16.6	16.6	16.2	16.2	16.6
85°	9.8	9.4	8.9	9.8	9.4	9.4	8.9	8.9	8.9	8.9	8.9
87.5°	2.1	2.6	2.6	2.6	2.6	3.0	3.0	3.0	3.4	3.4	3.4
90°	33.9	32.4	30.9	29.3	27.8	25.3	22.9	20.4	17.9	16.7	15.0
92.5°	35.8	35.2	34.5	33.9	33.3	32.4	31.4	30.5	29.6	29.1	29.7
95°	60.3	58.8	57.2	55.7	54.1	51.9	49.8	47.6	45.5	44.4	49.5
97.5°	74.4	73.5	72.6	71.7	70.8	65.9	60.9	56.0	51.1	48.6	61.2
100°	89.0	86.5	84.0	81.6	79.1	73.9	68.6	63.4	58.1	55.5	76.6
102.5°	95.4	92.0	88.7	85.3	81.9	138.0	194.1	250.2	306.3	334.4	334.7
105°	98.2	94.8	91.4	88.0	84.6	168.8	253.0	337.1	421.3	463.4	458.8
107.5°	101.0	97.6	94.2	90.8	87.4	191.3	295.2	399.1	503.0	555.0	551.1
110°	119.5	150.3	181.2	212.0	242.8	331.9	421.0	510.1	599.2	643.8	640.6

TEST NUMBER: P1029340

CATALOG NUMBER: S122DIW-B290D1440UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	173.3	306.2	439.1	572.0	704.9	710.1	715.4	720.6	725.9	728.5	725.7
115°	285.1	427.8	570.6	713.3	856.1	848.4	840.7	833.0	825.3	821.4	818.8
117.5°	754.6	798.7	842.8	886.9	931.0	925.8	920.5	915.3	910.0	907.4	904.3
120°	1031.9	1028.2	1024.5	1020.8	1017.1	1011.5	1006.0	1000.4	994.9	992.1	989.8
122.5°	1106.3	1104.4	1102.6	1100.7	1098.9	1092.7	1086.6	1080.4	1074.3	1071.2	1068.7
125°	1181.1	1179.0	1176.8	1174.7	1172.5	1166.6	1160.8	1154.9	1149.0	1146.1	1144.1
127.5°	1252.8	1249.7	1246.6	1243.6	1240.5	1235.9	1231.2	1226.6	1221.9	1219.6	1217.4
130°	1319.2	1315.8	1312.5	1309.1	1305.7	1302.3	1298.9	1295.5	1292.1	1290.4	1287.9
132.5°	1382.0	1379.2	1376.5	1373.7	1370.9	1367.5	1364.1	1360.7	1357.3	1355.6	1353.6
135°	1442.9	1439.8	1436.7	1433.6	1430.5	1427.7	1425.0	1422.2	1419.5	1418.1	1415.6
137.5°	1499.8	1496.7	1493.6	1490.5	1487.4	1484.3	1481.3	1478.2	1475.1	1473.6	1471.7
140°	1554.0	1551.2	1548.5	1545.7	1542.9	1539.5	1536.1	1532.8	1529.4	1527.7	1526.5
142.5°	1604.2	1601.7	1599.2	1596.8	1594.3	1590.3	1586.3	1582.2	1578.2	1576.2	1575.1
145°	1650.1	1647.9	1645.8	1643.6	1641.4	1636.2	1631.0	1625.7	1620.5	1617.9	1618.0
147.5°	1690.6	1689.1	1687.6	1686.0	1684.5	1679.3	1674.0	1668.8	1663.5	1660.9	1661.4
150°	1729.3	1727.4	1725.6	1723.7	1721.9	1717.0	1712.0	1707.1	1702.2	1699.7	1700.8
152.5°	1764.0	1762.1	1760.3	1758.4	1756.6	1752.0	1747.4	1742.7	1738.1	1735.8	1737.0
155°	1794.6	1792.7	1790.8	1789.0	1787.1	1783.4	1779.7	1776.0	1772.3	1770.5	1771.9
157.5°	1822.1	1820.0	1817.8	1815.7	1813.5	1810.7	1807.9	1805.2	1802.4	1801.0	1802.2
160°	1844.5	1842.6	1840.8	1838.9	1837.1	1835.3	1833.4	1831.6	1829.7	1828.8	1829.7
162.5°	1866.5	1864.4	1862.2	1860.1	1857.9	1856.4	1854.8	1853.3	1851.8	1851.0	1851.9
165°	1883.2	1881.1	1878.9	1876.8	1874.6	1873.7	1872.7	1871.8	1870.9	1870.4	1871.3
167.5°	1898.4	1896.3	1894.1	1892.0	1889.8	1888.9	1888.0	1887.1	1886.2	1885.7	1886.6
170°	1909.5	1907.4	1905.2	1903.1	1900.9	1900.3	1899.7	1899.0	1898.4	1898.1	1899.0
172.5°	1917.9	1915.7	1913.6	1911.4	1909.2	1908.6	1908.0	1907.4	1906.8	1906.5	1907.4
175°	1923.4	1921.3	1919.1	1917.0	1914.8	1914.2	1913.6	1912.9	1912.3	1912.0	1913.1
177.5°	1924.8	1922.7	1920.5	1918.4	1916.2	1915.9	1915.6	1915.3	1915.0	1914.8	1915.9
180°	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6

TEST NUMBER: P1029340

CATALOG NUMBER: S122DIW-B290D1440UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	553.4	553.4	553.4	553.4
2.5°	543.2	543.2	549.6	556.4
5°	531.3	534.3	544.5	553.8
7.5°	519.8	524.9	537.7	549.6
10°	505.8	512.6	528.3	542.4
12.5°	492.2	498.5	516.8	532.6
15°	473.0	481.1	500.7	520.2
17.5°	453.9	462.0	485.8	508.7
20°	431.3	442.0	468.8	499.4
22.5°	410.5	423.7	453.5	478.1
25°	387.5	407.9	435.6	467.5
27.5°	367.1	387.5	415.6	447.9
30°	344.1	365.0	393.9	423.7
32.5°	322.0	341.2	369.2	405.8
35°	299.0	317.3	344.6	381.6
37.5°	278.2	296.1	325.8	359.9
40°	257.8	276.5	302.0	336.0
42.5°	238.6	255.2	278.2	312.2
45°	221.2	233.1	254.4	286.3
47.5°	202.9	213.5	233.1	265.0
50°	185.9	194.8	211.8	241.6
52.5°	169.3	177.0	192.7	216.5
55°	154.4	161.6	173.1	196.5
57.5°	139.1	144.6	155.7	174.4
60°	124.2	129.3	138.2	153.6
62.5°	109.3	113.6	122.1	134.4
65°	96.1	99.5	105.9	116.6
67.5°	83.4	85.5	90.6	99.1
70°	71.0	72.7	77.0	83.8
72.5°	57.9	59.6	64.2	68.9
75°	46.8	47.2	50.6	54.4
77.5°	36.6	36.2	38.7	41.7
80°	25.1	26.4	28.5	29.8
82.5°	17.0	17.4	18.3	19.1
85°	9.4	9.8	9.8	11.1
87.5°	3.8	4.3	4.3	4.7
90°	11.6	8.2	4.8	1.4
92.5°	31.0	32.2	33.5	34.7
95°	59.7	69.8	80.0	90.2
97.5°	86.5	111.8	137.0	162.3
100°	118.9	161.1	203.4	245.6
102.5°	335.3	336.0	336.6	337.2
105°	449.5	440.3	431.0	421.8
107.5°	543.4	535.7	528.0	520.3
110°	634.1	627.6	621.2	614.7

TEST NUMBER: P1029340

CATALOG NUMBER: S122DIW-B290D1440UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	720.2	714.6	709.1	703.5
115°	813.5	808.3	803.0	797.8
117.5°	898.2	892.0	885.9	879.7
120°	985.2	980.5	975.9	971.3
122.5°	1063.8	1058.9	1053.9	1049.0
125°	1140.1	1136.1	1132.1	1128.1
127.5°	1213.1	1208.8	1204.5	1200.2
130°	1283.0	1278.1	1273.1	1268.2
132.5°	1349.6	1345.6	1341.6	1337.6
135°	1410.7	1405.8	1400.8	1395.9
137.5°	1468.0	1464.3	1460.6	1456.9
140°	1524.0	1521.5	1519.1	1516.6
142.5°	1573.0	1570.8	1568.7	1566.5
145°	1618.3	1618.6	1618.9	1619.2
147.5°	1662.3	1663.2	1664.1	1665.0
150°	1702.9	1705.1	1707.2	1709.4
152.5°	1739.5	1742.0	1744.4	1746.9
155°	1774.7	1777.4	1780.2	1783.0
157.5°	1804.7	1807.2	1809.6	1812.1
160°	1831.6	1833.4	1835.3	1837.1
162.5°	1853.8	1855.6	1857.5	1859.3
165°	1873.2	1875.0	1876.9	1878.7
167.5°	1888.5	1890.3	1892.2	1894.0
170°	1900.9	1902.8	1904.6	1906.5
172.5°	1909.3	1911.1	1913.0	1914.8
175°	1915.2	1917.4	1919.5	1921.7
177.5°	1918.0	1920.2	1922.3	1924.5
180°	1917.6	1917.6	1917.6	1917.6

(END OF REPORT)