

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: P1029487

Luminaire Tested: S122DIW-B485D1440UB2750-4F0-XX-W2A-A_5000K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029487
REPORT IS A COMBINATION OF REPORTS P986031 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIW-B485D1440UB2750-4F0-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

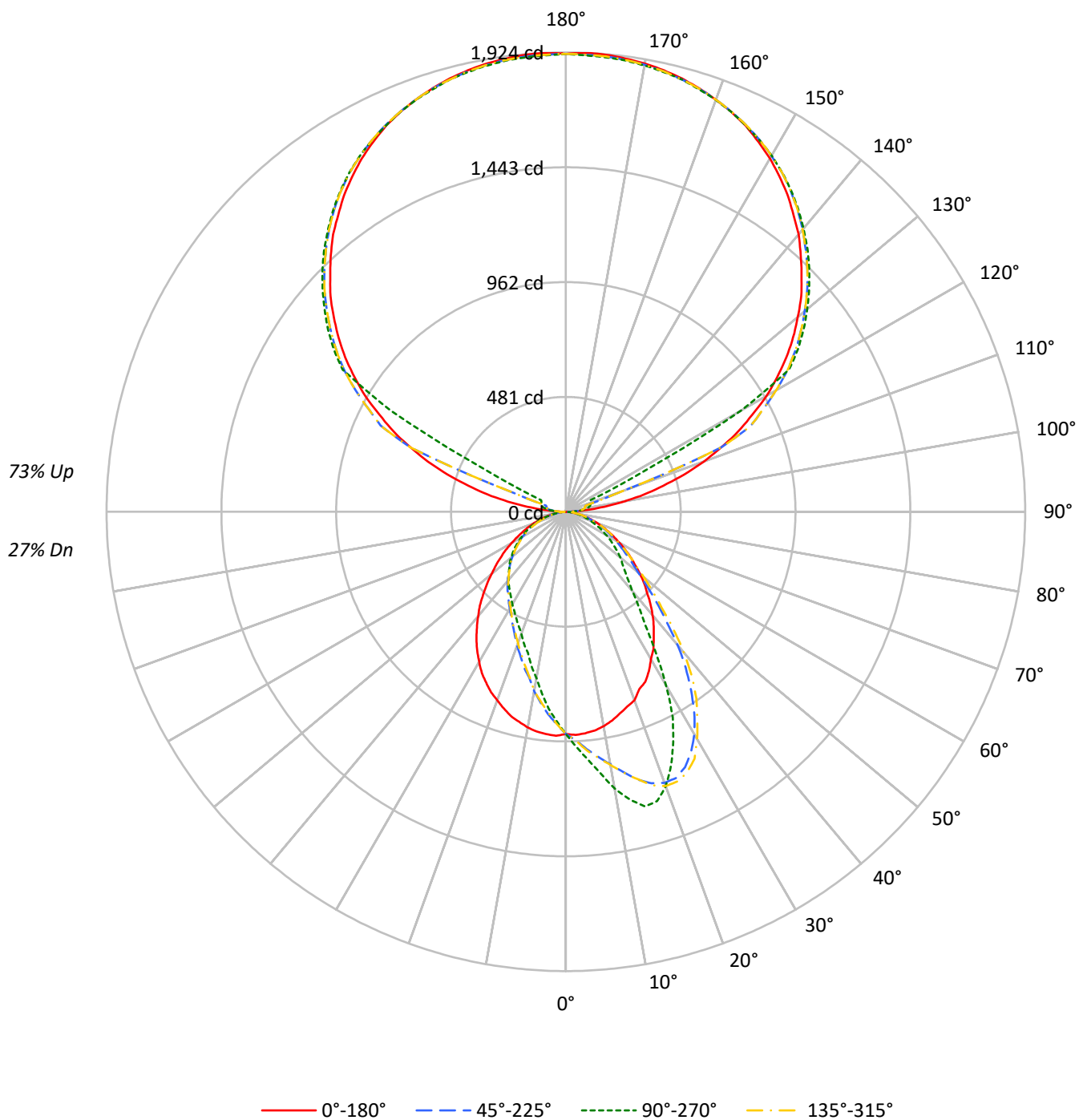
Lumens per Lamp: N/A
Luminaire Lumens: 7678.0 lumens
Efficiency: N/A
Efficacy: 100.8 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 76.2
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



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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
RCR																	
0	102	102	102	102	91	91	91	91	70	70	70	52	52	52	35	35	35
1	93	89	85	82	83	79	76	74	62	60	58	46	45	44	31	30	30
2	85	78	72	67	75	70	65	61	55	51	48	41	39	37	28	27	25
3	77	69	62	56	69	61	56	51	48	44	41	36	33	31	25	23	22
4	71	61	53	48	63	55	48	43	43	39	35	32	29	27	22	21	19
5	65	54	46	41	58	49	42	37	38	34	30	29	26	23	20	18	17
6	60	48	41	35	53	44	37	32	35	30	26	26	23	21	18	16	15
7	55	44	36	31	49	39	33	28	31	27	23	24	21	18	17	15	13
8	51	40	32	27	46	36	29	25	29	24	21	22	19	16	15	13	12
9	48	36	29	24	43	33	26	22	26	22	18	20	17	15	14	12	11
10	44	33	26	22	40	30	24	20	24	20	16	18	15	13	13	11	10

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14729	14729	14729	14729
5°	14764	15704	14821	12495
10°	14593	17145	14684	10302
15°	14239	18083	14438	8678
20°	14017	16980	14017	7542
25°	13570	14587	13632	6745
30°	12836	11467	13081	6109
35°	12185	7929	12388	5590
40°	11435	5986	11567	5176
45°	10514	4919	10684	4727
50°	9716	4319	9733	4329
55°	8804	3679	8863	3893
60°	7835	3074	7944	3398
65°	6968	2499	7092	2902
70°	6102	1962	6258	2340
75°	5119	1424	5320	1698
80°	4000	902	4279	1007
85°	2627	454	2825	336

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 15226 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.6	1.2
10°-20°	258.0	3.4
20°-30°	374.4	4.9
30°-40°	394.7	5.1
40°-50°	349.2	4.5
50°-60°	278.9	3.6
60°-70°	189.4	2.5
70°-80°	96.9	1.3
80°-90°	26.3	0.3
90°-100°	63.3	0.8
100°-110°	235.7	3.1
110°-120°	625.2	8.1
120°-130°	1036.8	13.5
130°-140°	1101.4	14.3
140°-150°	1023.6	13.3
150°-160°	822.9	10.7
160°-170°	530.3	6.9
170°-180°	182.5	2.4
0°-30°	721.0	9.4
0°-40°	1115.7	14.5
0°-60°	1743.8	22.7
0°-90°	2056.4	26.8
90°-120°	924.1	12.0
90°-150°	4085.9	53.2
90°-180°	5622.0	73.2
0°-180°	7678.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	930	930	930	930	930	
5°	931	1039	935	827	931	88
15°	875	1277	887	613	875	247
25°	786	1064	790	492	786	359
35°	642	579	652	408	642	401
45°	481	349	489	335	481	373
55°	330	245	333	260	330	295
65°	196	151	200	175	196	195
75°	92	74	95	89	92	98
85°	19	19	20	14	19	22
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°	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5
2.5°	935.5	937.7	941.2	942.0	949.1	954.8	961.3	961.3	963.4	962.7	957.0
5°	931.2	937.7	947.0	954.8	967.7	973.4	982.0	988.4	994.2	998.5	997.7
7.5°	924.1	935.5	949.1	964.1	981.3	991.3	1003.5	1014.9	1022.8	1029.9	1034.9
10°	911.9	931.2	949.8	969.9	992.0	1005.6	1019.9	1034.9	1047.1	1060.7	1073.6
12.5°	895.5	923.4	946.3	972.7	999.9	1014.9	1037.8	1049.2	1072.8	1107.2	1116.5
15°	874.7	912.6	934.1	967.7	1003.5	1015.6	1047.1	1065.7	1114.3	1135.8	1161.5
17.5°	855.4	897.6	926.2	964.8	999.9	1023.5	1054.3	1092.2	1132.9	1163.7	1192.3
20°	839.7	880.4	914.8	957.7	1002.0	1032.1	1064.3	1110.0	1154.4	1185.9	1208.0
22.5°	803.9	856.1	896.2	944.1	997.7	1039.2	1070.0	1120.1	1168.0	1187.3	1206.6
25°	786.0	831.1	877.6	931.9	994.9	1044.2	1070.7	1126.5	1168.7	1175.8	1180.1
27.5°	753.1	803.9	858.3	920.5	994.2	1035.7	1069.3	1120.1	1153.7	1148.7	1135.8
30°	712.4	774.6	834.7	901.9	984.2	1029.2	1060.7	1107.2	1124.3	1098.6	1075.7
32.5°	682.3	741.0	807.5	885.5	972.7	1015.6	1046.4	1082.9	1086.4	1039.9	1001.3
35°	641.6	706.6	781.7	864.0	953.4	992.0	1020.6	1042.8	1025.6	960.6	914.8
37.5°	605.1	669.5	749.6	833.2	926.9	964.8	987.7	991.3	949.1	891.9	824.7
40°	565.0	631.5	715.2	803.2	897.6	930.5	944.8	934.1	873.3	806.8	728.8
42.5°	525.0	590.8	680.9	771.0	860.4	888.3	894.0	864.7	790.3	712.4	622.3
45°	481.4	550.0	640.1	731.0	817.5	833.2	834.0	791.8	703.8	622.3	538.6
47.5°	445.6	509.2	598.6	689.5	762.4	773.2	768.9	720.2	624.4	532.8	459.9
50°	406.3	467.0	555.7	645.1	707.4	710.2	699.5	630.1	536.4	452.7	394.8
52.5°	364.1	425.6	507.1	592.9	648.7	644.4	623.7	549.3	461.3	391.9	347.6
55°	330.4	384.8	461.3	545.0	584.3	572.2	549.3	473.5	404.1	345.5	306.8
57.5°	293.2	341.2	416.3	489.2	512.1	500.7	477.8	407.0	342.6	298.3	272.5
60°	258.2	301.8	367.6	428.4	446.3	434.1	407.7	344.0	297.5	260.3	241.0
62.5°	226.0	263.9	319.0	374.8	381.9	369.8	346.9	295.4	255.3	226.0	211.7
65°	196.0	231.7	276.1	318.3	324.7	311.8	288.2	251.0	217.4	198.8	185.2
67.5°	166.6	195.3	234.6	265.4	268.9	256.8	237.5	207.4	186.7	166.6	156.6
70°	140.9	162.4	193.1	218.1	219.6	208.1	198.1	170.9	155.2	140.9	133.0
72.5°	115.9	130.9	154.5	173.1	173.8	166.6	157.4	140.2	126.6	116.6	108.7
75°	91.5	104.4	118.7	135.2	134.5	128.7	121.6	110.9	99.4	93.0	89.4
77.5°	70.1	78.0	89.4	100.1	100.1	97.3	93.0	85.1	78.0	71.5	67.9
80°	50.1	55.1	64.4	67.9	69.4	68.7	65.1	59.4	56.5	51.5	50.1
82.5°	32.2	35.8	40.1	43.6	45.8	44.3	43.6	40.8	36.5	35.0	33.6
85°	18.6	20.0	22.2	24.3	25.0	24.3	25.7	23.6	21.5	21.5	20.7
87.5°	7.9	8.6	10.0	10.0	10.7	10.7	10.0	10.7	10.7	10.0	9.3
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°	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5
2.5°	967.0	967.7	969.1	976.3	979.9	980.6	977.7	984.2	986.3	984.2	982.7
5°	1012.8	1017.1	1025.6	1034.9	1034.2	1034.9	1039.2	1043.5	1045.0	1039.2	1041.4
7.5°	1052.8	1061.4	1070.7	1085.0	1085.0	1092.2	1095.0	1098.6	1107.2	1102.9	1101.5
10°	1098.6	1110.0	1127.2	1150.1	1150.8	1158.0	1165.1	1176.6	1180.1	1177.3	1178.7
12.5°	1155.8	1178.0	1179.4	1204.4	1215.9	1217.3	1228.8	1226.6	1233.8	1233.8	1245.9
15°	1180.8	1215.2	1234.5	1258.8	1266.0	1257.4	1266.7	1276.7	1277.4	1277.4	1276.7
17.5°	1225.9	1239.5	1258.8	1271.7	1274.5	1274.5	1275.3	1279.5	1276.7	1271.0	1275.3
20°	1235.2	1240.9	1248.1	1246.6	1248.1	1240.9	1233.8	1226.6	1227.3	1223.8	1234.5
22.5°	1218.0	1216.6	1200.2	1189.4	1189.4	1175.1	1161.5	1155.1	1148.7	1150.8	1154.4
25°	1175.1	1153.0	1132.9	1117.2	1113.6	1090.7	1072.1	1066.4	1055.7	1064.3	1065.7
27.5°	1106.5	1081.4	1049.2	1035.7	1017.1	1007.8	994.9	977.7	955.5	968.4	966.3
30°	1032.8	995.6	969.1	936.2	906.9	904.8	880.4	851.8	840.4	840.4	846.8
32.5°	950.5	901.2	862.6	816.1	787.5	775.3	746.0	717.4	723.8	702.4	710.2
35°	854.7	789.6	741.0	695.9	674.5	660.2	622.3	606.5	589.4	579.3	597.9
37.5°	763.2	688.1	625.8	576.5	568.6	542.9	517.1	507.1	497.1	501.4	500.7
40°	651.6	585.1	529.3	490.6	477.1	464.9	447.7	435.6	429.1	432.7	433.4
42.5°	550.7	494.9	453.5	426.3	414.8	406.3	397.7	387.7	385.5	385.5	388.4
45°	472.8	427.0	399.1	376.9	370.5	364.1	357.6	353.3	351.9	349.0	351.2
47.5°	410.5	374.1	356.9	340.4	333.3	331.9	326.1	324.0	321.1	320.4	321.1
50°	358.3	335.4	319.7	310.4	305.4	303.3	300.4	296.1	294.7	298.3	296.8
52.5°	321.9	300.4	291.8	282.5	279.7	276.8	272.5	273.2	272.5	271.1	271.1
55°	285.4	271.8	263.2	256.1	255.3	252.5	248.9	247.5	246.8	245.3	247.5
57.5°	256.1	245.3	237.5	231.0	228.2	228.2	224.6	221.7	221.7	221.0	221.7
60°	226.7	216.0	211.0	204.6	202.4	201.7	199.5	198.1	196.0	196.0	196.0
62.5°	199.5	191.0	185.2	179.5	180.2	176.7	173.8	172.4	172.4	173.1	173.1
65°	173.8	168.1	160.9	155.9	154.5	153.8	152.3	151.6	149.5	150.9	150.9
67.5°	150.2	142.3	138.0	135.9	133.7	133.0	131.6	130.2	129.5	128.7	130.2
70°	126.6	120.2	116.6	115.2	113.0	112.3	111.6	109.4	110.1	110.9	111.6
72.5°	105.1	99.4	98.7	94.4	94.4	94.4	91.5	93.0	92.3	90.8	92.3
75°	83.0	80.1	78.7	76.5	77.2	76.5	75.8	73.7	73.7	74.4	75.1
77.5°	65.8	62.9	62.2	60.1	58.6	60.1	58.6	57.9	57.9	58.6	58.6
80°	48.6	47.2	45.1	45.1	45.1	44.3	44.3	44.3	43.6	42.9	43.6
82.5°	32.2	32.2	31.5	30.8	31.5	30.0	30.8	30.8	30.8	30.8	30.8
85°	20.7	20.0	20.0	19.3	19.3	19.3	20.0	18.6	18.6	19.3	19.3
87.5°	9.3	9.3	9.3	10.0	9.3	9.3	9.3	10.0	9.3	9.3	9.3
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: P1029487

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-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: P1029487

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5
2.5°	986.3	981.3	977.0	977.7	981.3	978.4	971.3	962.0	958.4	954.1	958.4
5°	1045.7	1041.4	1032.8	1033.5	1031.4	1028.5	1017.1	1002.8	1002.8	991.3	989.9
7.5°	1104.3	1097.9	1092.2	1090.7	1082.9	1077.1	1067.1	1047.1	1039.2	1025.6	1017.8
10°	1170.1	1165.1	1158.7	1150.8	1146.5	1136.5	1120.1	1090.7	1076.4	1057.8	1044.2
12.5°	1236.6	1235.9	1221.6	1205.9	1205.2	1189.4	1178.0	1138.6	1119.3	1094.3	1062.1
15°	1278.8	1275.3	1267.4	1259.5	1261.7	1244.5	1218.8	1172.3	1159.4	1129.3	1095.0
17.5°	1278.1	1278.1	1276.0	1274.5	1272.4	1267.4	1253.1	1222.3	1201.6	1163.7	1131.5
20°	1237.3	1246.6	1248.8	1248.1	1255.2	1258.8	1258.1	1238.8	1222.3	1188.7	1155.8
22.5°	1155.8	1177.3	1186.6	1192.3	1207.3	1215.2	1233.8	1226.6	1222.3	1197.3	1169.4
25°	1080.0	1087.2	1115.0	1116.5	1137.2	1156.5	1175.1	1187.3	1203.0	1193.7	1170.1
27.5°	982.0	998.5	1018.5	1033.5	1037.8	1077.1	1107.9	1130.8	1166.5	1169.4	1161.5
30°	871.2	879.0	911.9	931.9	954.8	983.4	1027.8	1067.1	1099.3	1128.6	1138.6
32.5°	736.0	768.2	787.5	811.8	831.8	882.6	937.0	987.7	1024.9	1074.3	1095.7
35°	612.2	637.3	670.2	680.2	716.7	759.6	830.4	895.5	952.0	1002.0	1045.7
37.5°	510.0	530.0	565.0	580.8	602.2	657.3	716.7	797.5	865.4	926.9	981.3
40°	439.9	454.9	481.4	486.4	504.2	554.3	602.2	678.0	768.2	851.1	910.5
42.5°	391.9	399.1	417.0	423.4	434.9	468.5	511.4	582.9	666.6	752.4	836.1
45°	357.6	362.6	373.4	379.1	393.4	408.4	443.4	500.7	566.5	653.0	743.1
47.5°	326.9	333.3	337.6	341.2	349.0	365.5	388.4	430.6	493.5	572.9	660.2
50°	301.1	303.3	311.1	311.8	316.8	327.6	349.0	374.8	424.8	489.2	573.6
52.5°	275.4	277.5	282.5	287.5	289.7	298.3	312.6	334.0	371.2	422.0	497.1
55°	249.6	252.5	257.5	261.1	263.2	270.4	278.9	299.7	329.0	364.8	426.3
57.5°	223.9	230.3	231.7	233.9	237.5	245.3	253.2	265.4	288.2	321.1	366.2
60°	199.5	201.7	206.7	208.8	212.4	216.7	226.7	236.0	252.5	278.2	319.0
62.5°	174.5	179.5	181.7	183.8	186.7	191.7	198.1	208.1	222.4	243.2	275.4
65°	153.1	153.8	158.1	160.9	163.8	167.4	173.8	183.1	191.7	211.0	234.6
67.5°	132.3	133.7	135.2	138.0	141.6	145.2	150.9	155.9	166.6	179.5	198.1
70°	112.3	112.3	115.9	118.0	117.3	121.6	125.9	131.6	139.5	151.6	166.6
72.5°	94.4	93.7	96.6	97.3	98.7	101.6	104.4	110.1	114.4	123.7	135.2
75°	75.1	76.5	78.0	78.0	80.1	82.3	85.1	88.0	93.0	98.7	107.3
77.5°	59.4	59.4	60.8	61.5	63.7	62.9	65.8	68.7	72.2	77.2	83.7
80°	43.6	45.1	45.1	45.1	45.8	46.5	49.4	51.5	53.6	57.2	60.1
82.5°	30.8	30.8	32.2	32.2	32.2	33.6	33.6	34.3	35.8	37.9	40.1
85°	19.3	19.3	19.3	20.0	19.3	20.0	21.5	20.7	21.5	22.9	22.9
87.5°	9.3	9.3	9.3	9.3	9.3	10.0	9.3	10.0	10.7	10.7	10.7
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

TEST NUMBER: P1029487

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-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: P1029487

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5
2.5°	954.8	951.3	949.1	950.5	946.3	935.5	935.5	939.1	934.8	930.5	924.1
5°	981.3	974.1	969.9	969.1	959.1	942.0	938.4	934.8	925.5	915.5	904.8
7.5°	1007.0	994.2	987.0	982.0	967.7	945.5	936.2	928.4	913.3	898.3	884.7
10°	1028.5	1009.9	1001.3	993.5	974.9	947.0	931.9	917.6	898.3	879.0	861.9
12.5°	1045.7	1024.2	1013.5	1002.0	979.2	942.7	924.1	901.2	881.9	856.1	839.0
15°	1074.3	1029.9	1019.9	1009.2	985.6	935.5	912.6	886.9	860.4	826.1	807.5
17.5°	1097.2	1037.8	1037.1	1014.2	983.4	932.7	897.6	864.0	835.4	801.1	771.7
20°	1110.8	1050.0	1038.5	1014.9	976.3	913.3	876.9	839.7	808.9	767.4	738.1
22.5°	1122.2	1067.1	1037.1	1008.5	961.3	906.9	853.3	818.2	776.0	731.0	703.1
25°	1126.5	1070.7	1039.2	1006.3	950.5	888.3	827.5	789.6	742.4	701.6	663.7
27.5°	1127.2	1070.0	1031.4	997.0	935.5	864.0	801.8	761.7	709.5	662.3	624.4
30°	1120.1	1062.1	1027.1	989.9	921.2	841.8	770.3	726.0	670.2	623.0	583.6
32.5°	1098.6	1046.4	1017.8	977.0	902.6	811.1	740.3	690.9	632.3	585.8	547.9
35°	1062.8	1027.1	995.6	957.7	878.3	782.5	710.2	652.3	592.9	548.6	512.8
37.5°	1018.5	999.2	969.9	932.7	850.4	756.7	676.6	612.2	552.9	510.0	474.9
40°	958.4	963.4	934.8	901.2	817.5	721.7	633.0	571.5	515.7	475.6	441.3
42.5°	893.3	914.1	897.6	865.4	781.0	683.0	600.8	532.8	478.5	437.0	408.4
45°	823.2	859.0	849.0	825.4	743.1	642.3	555.0	489.2	441.3	401.2	376.2
47.5°	746.7	797.5	797.5	780.3	700.9	601.5	515.7	448.4	401.2	372.6	348.3
50°	668.7	726.0	735.3	723.8	653.7	555.0	467.8	407.0	366.2	338.3	320.4
52.5°	587.2	653.7	670.9	665.2	603.7	510.7	428.4	369.1	331.9	307.5	291.8
55°	509.2	586.5	605.1	607.2	550.0	462.0	384.8	332.6	296.8	280.4	266.8
57.5°	435.6	510.0	530.7	534.3	495.7	417.7	344.0	298.3	266.1	252.5	241.7
60°	372.6	434.9	462.0	469.9	436.3	366.2	306.1	261.8	237.5	224.6	214.6
62.5°	321.1	371.2	399.8	402.0	386.9	321.1	266.8	229.6	208.8	197.4	192.4
65°	271.1	316.1	333.3	341.9	329.7	278.2	230.3	199.5	183.1	173.1	168.1
67.5°	231.0	259.6	273.9	285.4	273.2	234.6	196.0	170.9	158.8	148.8	145.9
70°	189.5	213.1	223.9	235.3	224.6	195.3	167.4	144.5	133.7	125.9	122.3
72.5°	151.6	170.2	180.2	187.4	181.0	156.6	133.7	118.0	110.1	104.4	102.3
75°	120.2	133.0	138.8	143.8	140.9	122.3	108.0	95.1	88.0	83.0	81.5
77.5°	91.5	100.8	107.3	108.7	105.1	93.0	80.8	73.0	67.2	64.4	62.9
80°	65.1	70.8	74.4	76.5	73.0	67.9	59.4	53.6	48.6	45.1	44.3
82.5°	43.6	46.5	49.4	48.6	47.2	42.9	37.9	35.0	32.9	30.0	30.0
85°	25.0	25.7	27.2	27.9	27.2	24.3	21.5	20.0	18.6	16.5	16.5
87.5°	10.7	11.4	11.4	12.2	10.7	10.7	9.3	7.9	7.9	7.2	6.4
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: P1029487

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-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

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5
2.5°	920.5	924.1	923.4	916.2	908.3	901.9	889.7	891.2	886.9	887.6	891.9
5°	897.6	897.6	894.8	884.7	871.9	864.7	851.1	847.5	839.0	838.3	837.5
7.5°	873.3	869.7	866.1	851.8	836.1	824.7	806.1	801.8	793.2	787.5	784.6
10°	844.7	839.7	832.5	816.1	796.8	782.5	763.2	757.4	741.0	733.8	729.5
12.5°	813.2	810.4	798.9	785.3	753.9	738.1	710.2	715.9	699.5	685.2	683.0
15°	781.7	771.0	764.6	742.4	704.5	697.3	675.2	663.7	648.7	637.3	637.3
17.5°	751.0	734.5	720.2	696.6	668.7	648.7	632.3	626.5	607.9	596.5	594.4
20°	710.2	691.6	688.1	654.4	635.1	613.0	597.2	582.9	569.3	564.3	560.7
22.5°	671.6	650.1	644.4	615.8	596.5	574.3	558.6	548.6	538.6	535.0	528.6
25°	630.1	617.2	608.7	577.9	556.4	535.7	525.0	517.8	508.5	507.8	503.5
27.5°	590.1	577.9	569.3	540.0	524.3	505.0	496.4	488.5	483.5	481.4	479.2
30°	555.7	542.1	532.1	510.7	491.4	475.6	468.5	463.5	460.6	457.0	456.3
32.5°	517.8	510.0	496.4	479.9	464.9	449.9	445.6	442.0	437.7	436.3	435.6
35°	485.6	474.9	466.3	447.7	441.3	428.4	423.4	420.6	414.8	413.4	412.0
37.5°	454.2	444.2	434.9	423.4	411.3	404.1	401.2	397.0	394.1	394.8	393.4
40°	422.7	414.8	407.7	395.5	388.4	384.8	379.1	374.8	373.4	374.1	373.4
42.5°	391.9	384.8	380.5	371.2	364.1	360.5	356.9	352.6	354.8	354.8	356.9
45°	364.1	357.6	354.8	347.6	343.3	337.6	334.0	333.3	336.2	335.4	335.4
47.5°	335.4	333.3	329.7	323.3	317.6	314.0	313.3	313.3	316.1	317.6	316.8
50°	313.3	309.0	304.7	299.7	295.4	294.0	291.8	293.2	296.1	296.1	297.5
52.5°	285.4	282.5	281.1	276.8	273.9	273.9	273.9	274.6	276.8	278.9	278.2
55°	261.1	258.9	257.5	255.3	251.8	252.5	251.8	253.2	255.3	257.5	258.9
57.5°	235.3	234.6	233.2	229.6	229.6	228.9	231.0	231.7	235.3	236.7	238.9
60°	212.4	210.3	210.3	207.4	207.4	207.4	209.6	211.7	214.6	215.3	216.7
62.5°	188.1	188.1	187.4	185.2	185.2	187.4	188.1	191.0	192.4	192.4	194.5
65°	165.2	164.5	163.8	164.5	165.2	165.2	167.4	168.8	170.2	170.9	171.7
67.5°	142.3	141.6	143.0	142.3	143.8	146.6	145.9	148.1	150.2	150.2	150.9
70°	120.9	122.3	121.6	123.0	122.3	123.7	125.9	126.6	126.6	127.3	129.5
72.5°	100.8	100.8	100.8	100.1	100.8	102.3	103.7	104.4	105.9	106.6	108.7
75°	81.5	81.5	80.1	81.5	81.5	83.0	84.4	84.4	84.4	85.8	88.0
77.5°	61.5	62.2	61.5	62.9	62.9	63.7	65.1	64.4	65.8	66.5	67.2
80°	45.1	44.3	44.3	44.3	45.1	45.1	46.5	47.2	47.2	49.4	47.9
82.5°	28.6	29.3	28.6	29.3	29.3	30.0	29.3	30.0	30.8	32.2	31.5
85°	16.5	15.7	15.7	16.5	15.7	15.7	16.5	15.7	16.5	15.7	16.5
87.5°	6.4	5.7	5.7	5.7	5.7	5.0	5.0	4.3	4.3	4.3	3.6
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°	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5
2.5°	886.9	889.0	884.0	882.6	884.0	879.0	880.4	881.9	881.9	884.0	885.5
5°	835.4	832.5	827.5	826.1	824.7	826.8	825.4	827.5	828.2	833.2	834.0
7.5°	784.6	780.3	776.0	771.7	770.3	766.7	770.3	770.3	775.3	773.9	777.5
10°	724.5	723.8	718.1	715.9	713.1	707.4	715.2	713.1	716.7	723.1	724.5
12.5°	680.2	672.3	675.9	665.9	669.5	663.7	664.4	664.4	670.2	670.9	669.5
15°	638.0	631.5	622.3	618.0	615.8	613.0	622.3	623.0	618.7	628.7	625.1
17.5°	595.1	595.1	586.5	584.3	578.6	581.5	580.1	580.8	579.3	586.5	590.1
20°	557.9	554.3	551.4	552.2	545.0	543.6	542.1	543.6	548.6	553.6	555.0
22.5°	527.8	525.7	518.5	520.0	514.3	516.4	515.0	518.5	519.3	519.3	524.3
25°	499.2	496.4	497.1	494.2	492.1	492.1	489.9	492.1	494.9	496.4	497.1
27.5°	477.8	475.6	472.1	469.9	471.3	467.8	470.6	472.8	472.8	471.3	472.8
30°	452.0	453.5	453.5	446.3	449.2	447.7	449.9	451.3	451.3	452.0	450.6
32.5°	434.9	430.6	429.9	429.1	429.1	426.3	426.3	428.4	429.1	429.9	432.0
35°	412.0	412.0	408.4	410.5	407.7	408.4	407.7	408.4	409.8	407.7	409.8
37.5°	391.2	391.9	390.5	391.9	392.7	391.2	389.8	392.7	391.2	391.2	389.8
40°	373.4	372.6	373.4	373.4	373.4	374.1	372.6	372.6	372.6	371.2	369.8
42.5°	358.3	354.0	355.5	356.2	354.0	354.0	354.8	354.0	356.2	351.9	351.9
45°	336.9	335.4	336.2	336.2	337.6	335.4	336.9	337.6	335.4	334.7	333.3
47.5°	317.6	319.0	317.6	319.0	319.0	320.4	317.6	318.3	319.0	316.1	314.0
50°	298.3	298.3	300.4	299.7	300.4	299.0	299.0	298.3	299.0	297.5	295.4
52.5°	280.4	278.2	281.8	281.1	280.4	279.7	278.9	279.7	278.2	276.8	276.8
55°	258.2	258.2	260.3	261.1	261.1	259.6	258.2	258.9	258.2	257.5	256.8
57.5°	240.3	237.5	238.9	239.6	239.6	237.5	238.9	237.5	237.5	238.2	236.0
60°	217.4	217.4	216.0	218.1	218.1	216.7	216.7	217.4	216.0	215.3	214.6
62.5°	193.1	193.8	196.0	196.7	197.4	196.0	194.5	195.3	195.3	193.1	193.8
65°	172.4	173.8	176.7	175.9	174.5	175.2	173.8	174.5	172.4	173.1	170.9
67.5°	152.3	151.6	152.3	152.3	153.8	153.1	151.6	151.6	150.9	153.1	150.9
70°	130.9	130.9	130.9	130.9	131.6	132.3	130.9	129.5	130.2	128.7	128.0
72.5°	108.7	109.4	108.7	110.1	108.0	109.4	109.4	108.7	108.0	108.0	108.0
75°	88.0	89.4	87.3	88.0	87.3	88.7	88.0	88.0	86.5	85.8	86.5
77.5°	67.2	67.9	66.5	67.2	66.5	67.2	67.2	66.5	66.5	66.5	66.5
80°	47.9	48.6	47.9	47.2	46.5	47.9	46.5	47.2	47.9	47.2	48.6
82.5°	30.8	30.8	30.0	30.8	29.3	29.3	30.0	30.0	29.3	30.8	29.3
85°	15.0	15.0	16.5	15.0	14.3	14.3	14.3	15.0	14.3	15.7	15.0
87.5°	3.6	2.9	3.6	3.6	2.9	2.9	3.6	2.9	3.6	4.3	2.9
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: P1029487

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-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

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5
2.5°	883.3	889.0	886.9	879.0	888.3	888.3	894.8	894.8	902.6	905.5	909.8
5°	833.2	837.5	841.1	837.5	844.0	854.0	859.7	864.7	875.4	879.7	886.2
7.5°	779.6	787.5	791.0	791.0	801.8	813.2	824.7	831.8	846.8	852.6	859.0
10°	727.4	736.7	743.8	743.1	761.0	768.2	782.5	798.9	813.9	822.5	831.8
12.5°	672.3	677.3	687.3	701.6	705.9	718.8	735.3	756.0	783.2	791.0	804.6
15°	626.5	640.1	648.0	654.4	664.4	676.6	694.5	714.5	741.7	758.9	773.2
17.5°	587.9	605.8	610.8	609.4	622.3	640.8	661.6	676.6	700.9	721.7	735.3
20°	556.4	563.6	572.2	575.8	585.8	605.8	625.8	643.0	663.0	679.5	695.2
22.5°	525.0	530.7	537.9	544.3	552.2	563.6	582.9	604.4	623.7	639.4	657.3
25°	499.2	502.8	509.2	514.3	522.8	530.7	544.3	567.9	590.8	600.1	615.8
27.5°	474.2	477.1	481.4	487.1	491.4	499.2	511.4	530.7	554.3	563.6	585.1
30°	452.0	454.2	458.5	461.3	463.5	472.8	482.1	497.1	515.0	527.8	543.6
32.5°	431.3	433.4	437.7	438.4	441.3	446.3	454.9	468.5	484.2	494.9	508.5
35°	408.4	409.8	414.1	415.5	417.7	422.0	428.4	438.4	452.7	460.6	472.8
37.5°	390.5	389.8	392.7	394.8	397.7	399.8	402.0	412.0	422.7	429.9	439.2
40°	371.2	369.8	370.5	373.4	374.8	377.6	377.6	387.7	394.8	400.5	407.7
42.5°	351.9	351.2	349.7	351.2	352.6	353.3	354.0	361.2	368.3	373.4	381.2
45°	332.6	331.9	330.4	331.2	331.2	332.6	334.7	337.6	342.6	346.9	351.2
47.5°	314.7	313.3	311.1	310.4	311.8	311.8	311.8	314.7	319.7	321.1	325.4
50°	296.1	294.0	291.1	289.7	289.7	289.0	290.4	291.1	295.4	296.8	300.4
52.5°	276.1	274.6	271.8	268.9	269.6	268.2	268.9	269.6	271.1	273.2	275.4
55°	256.1	253.2	251.0	250.3	248.2	248.2	246.0	248.9	248.2	248.9	251.8
57.5°	236.7	233.9	230.3	228.9	226.7	226.0	224.6	223.9	224.6	226.7	228.9
60°	213.9	212.4	210.3	208.1	206.7	204.6	203.1	203.1	202.4	202.4	203.1
62.5°	191.7	191.0	188.1	187.4	186.0	184.5	182.4	181.0	181.0	182.4	183.1
65°	170.2	169.5	167.4	166.6	163.1	161.6	160.9	160.2	158.8	158.8	158.8
67.5°	150.2	148.1	148.1	144.5	141.6	140.2	138.8	138.0	138.0	138.0	138.8
70°	128.0	128.0	125.9	123.7	120.9	121.6	119.4	117.3	117.3	115.9	116.6
72.5°	106.6	105.9	103.7	103.0	100.8	98.7	97.3	98.7	96.6	95.8	96.6
75°	85.8	85.1	83.7	82.3	83.0	80.8	78.7	78.0	78.0	76.5	76.5
77.5°	65.8	67.2	64.4	63.7	62.2	60.8	60.1	59.4	59.4	59.4	60.8
80°	45.8	46.5	46.5	45.1	45.8	43.6	43.6	43.6	41.5	42.2	42.9
82.5°	29.3	29.3	28.6	29.3	28.6	28.6	27.9	27.9	27.2	27.2	27.9
85°	16.5	15.7	15.0	16.5	15.7	15.7	15.0	15.0	15.0	15.0	15.0
87.5°	3.6	4.3	4.3	4.3	4.3	5.0	5.0	5.0	5.7	5.7	5.7
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

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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

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	930.5	930.5	930.5	930.5
2.5°	913.3	913.3	924.1	935.5
5°	893.3	898.3	915.5	931.2
7.5°	874.0	882.6	904.1	924.1
10°	850.4	861.9	888.3	911.9
12.5°	827.5	838.3	869.0	895.5
15°	795.3	808.9	841.8	874.7
17.5°	763.2	776.7	816.8	855.4
20°	725.2	743.1	788.2	839.7
22.5°	690.2	712.4	762.4	803.9
25°	651.6	685.9	732.4	786.0
27.5°	617.2	651.6	698.8	753.1
30°	578.6	613.7	662.3	712.4
32.5°	541.4	573.6	620.8	682.3
35°	502.8	533.6	579.3	641.6
37.5°	467.8	497.8	547.9	605.1
40°	433.4	464.9	507.8	565.0
42.5°	401.2	429.1	467.8	525.0
45°	371.9	391.9	427.7	481.4
47.5°	341.2	359.0	391.9	445.6
50°	312.6	327.6	356.2	406.3
52.5°	284.7	297.5	324.0	364.1
55°	259.6	271.8	291.1	330.4
57.5°	233.9	243.2	261.8	293.2
60°	208.8	217.4	232.4	258.2
62.5°	183.8	191.0	205.3	226.0
65°	161.6	167.4	178.1	196.0
67.5°	140.2	143.8	152.3	166.6
70°	119.4	122.3	129.5	140.9
72.5°	97.3	100.1	108.0	115.9
75°	78.7	79.4	85.1	91.5
77.5°	61.5	60.8	65.1	70.1
80°	42.2	44.3	47.9	50.1
82.5°	28.6	29.3	30.8	32.2
85°	15.7	16.5	16.5	18.6
87.5°	6.4	7.2	7.2	7.9
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: P1029487

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-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

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