

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: P1032569

Luminaire Tested: S124DIW-B1195D1560UB2750-4F0-XX-W2A-A1_5000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1032569
REPORT IS A COMBINATION OF REPORTS P997090 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S124DIW-B1195D1560UB2750-4F0-XX-W2A-A1_5000K
Description: Define 4 Direct/Indirect Wall Mount with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

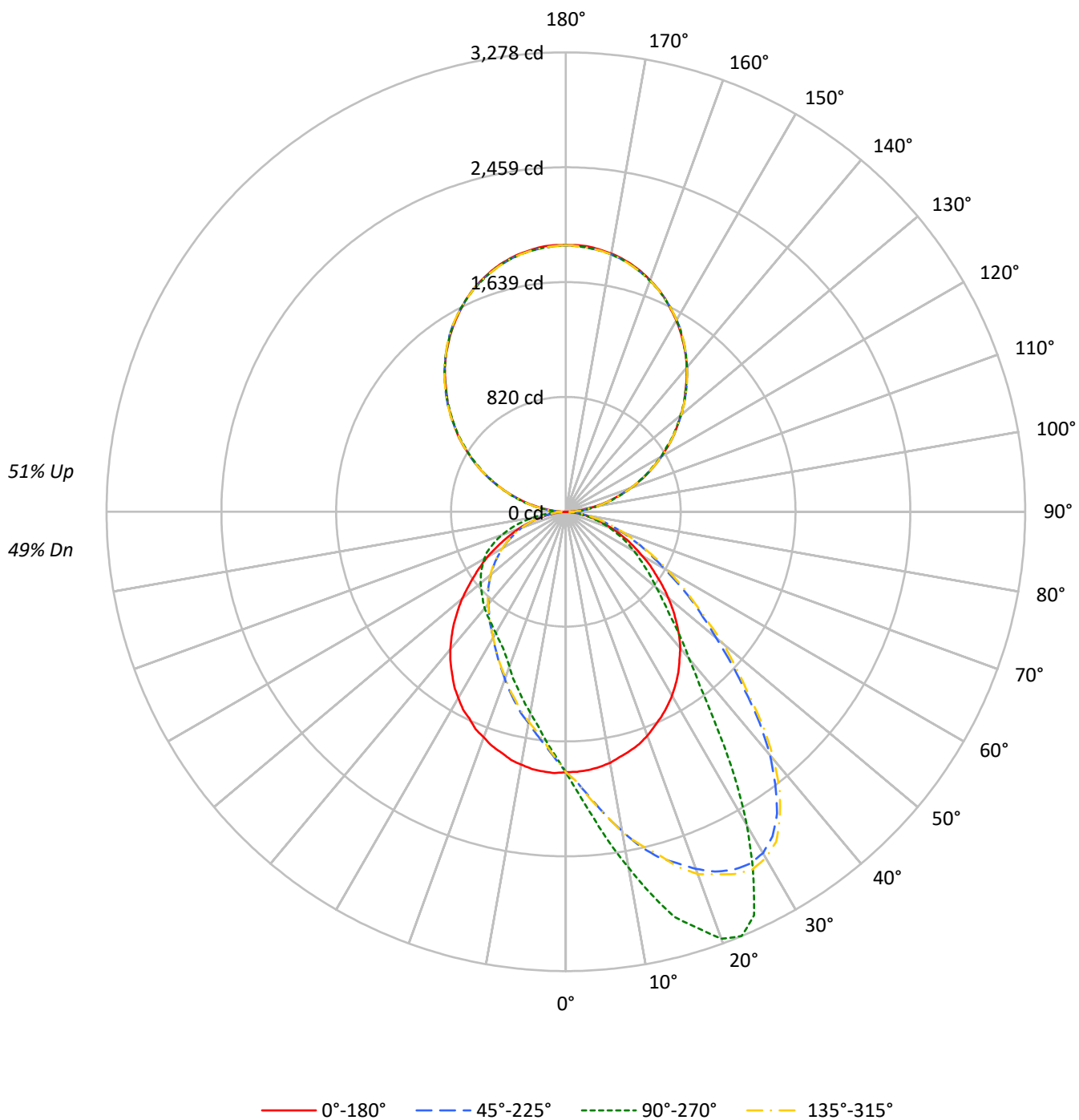
Lumens per Lamp: N/A
Luminaire Lumens: 10407.0 lumens
Efficiency: N/A
Efficacy: 91.7 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.3 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 113.5
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	55	55	55			49
1	98	94	90	86	90	86	83	80	73	71	69	61	59	58	49	48	47			42
2	89	82	76	71	82	76	71	66	64	60	57	54	51	48	44	42	40			35
3	82	72	65	59	75	67	61	56	57	52	48	48	44	41	39	36	34			30
4	75	64	56	50	69	59	53	47	51	45	41	43	39	35	35	32	30			26
5	69	57	49	43	63	53	46	41	45	40	36	38	34	31	32	29	26			23
6	63	51	43	38	58	48	41	35	41	35	31	35	30	27	29	26	23			20
7	59	46	39	33	54	43	36	31	37	32	28	32	27	24	26	23	21			18
8	54	42	35	29	50	39	32	28	34	28	25	29	25	22	24	21	18			16
9	51	39	31	26	47	36	29	25	31	26	22	27	22	19	22	19	17			15
10	47	35	28	23	44	33	27	22	29	23	20	25	20	18	21	17	15			13

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15145	15145	15145	15145
5°	15107	17375	15194	13055
10°	14994	20271	15108	11454
15°	14814	23369	14917	10249
20°	14622	25340	14728	9188
25°	14342	25050	14479	8407
30°	14069	20705	14240	8003
35°	13684	15429	13835	7759
40°	13236	11623	13364	7640
45°	12552	9328	12707	7477
50°	11734	7859	11904	7400
55°	10773	6841	10942	7314
60°	9837	6024	10126	7192
65°	8961	5183	9045	6892
70°	7931	4265	8101	6346
75°	6916	3276	6873	5392
80°	5441	2152	5380	4094
85°	3580	968	3362	2387

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 145°

Vertical Angle: 45°

Luminance: 19584 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	180.7	1.7
10°-20°	557.9	5.4
20°-30°	886.3	8.5
30°-40°	984.9	9.5
40°-50°	895.6	8.6
50°-60°	731.9	7.0
60°-70°	522.4	5.0
70°-80°	287.5	2.8
80°-90°	81.7	0.8
90°-100°	124.0	1.2
100°-110°	371.4	3.6
110°-120°	630.9	6.1
120°-130°	832.0	8.0
130°-140°	934.5	9.0
140°-150°	918.5	8.8
150°-160°	772.5	7.4
160°-170°	514.0	4.9
170°-180°	180.0	1.7
0°-30°	1625.0	15.6
0°-40°	2609.9	25.1
0°-60°	4237.4	40.7
0°-90°	5129.1	49.3
90°-120°	1126.3	10.8
90°-150°	3811.4	36.6
90°-180°	5278.0	50.7
0°-180°	10407.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1857	1857	1857	1857	1857	
5°	1850	2179	1860	1637	1850	176
15°	1766	2993	1779	1313	1766	498
25°	1613	3178	1628	1066	1613	743
35°	1399	1879	1414	945	1399	874
45°	1116	1054	1129	845	1116	860
55°	785	689	797	737	785	706
65°	489	443	494	589	489	483
75°	240	222	238	365	240	252
85°	49	46	46	114	49	57
90°	4	44	4	44	4	9
95°	88	116	88	116	88	96
105°	343	359	343	359	343	363
115°	641	636	641	636	641	633
125°	934	927	934	927	934	833
135°	1205	1206	1205	1206	1205	932
145°	1464	1465	1464	1465	1464	916
155°	1677	1676	1677	1676	1677	772
165°	1826	1821	1826	1821	1826	515
175°	1899	1890	1899	1890	1899	180
180°	1902	1902	1902	1902	1902	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3
2.5°	1857.3	1875.7	1883.4	1889.6	1909.6	1915.7	1917.3	1926.5	1934.2	1935.7	1935.7
5°	1849.6	1878.8	1901.9	1923.4	1955.7	1969.6	1986.5	2005.0	2029.6	2045.0	2052.7
7.5°	1837.3	1880.4	1915.7	1952.7	1997.3	2025.0	2040.4	2089.6	2123.5	2151.2	2185.0
10°	1818.8	1874.2	1925.0	1978.8	2041.9	2075.8	2109.6	2169.6	2217.3	2271.2	2314.3
12.5°	1791.1	1863.4	1925.0	2000.4	2078.8	2118.9	2158.9	2263.5	2318.9	2366.6	2443.5
15°	1766.5	1838.8	1926.5	2003.5	2100.4	2160.4	2218.9	2286.6	2374.3	2477.4	2551.2
17.5°	1738.8	1829.6	1911.1	2018.8	2126.5	2183.5	2231.2	2335.8	2458.9	2560.5	2628.2
20°	1700.3	1792.6	1900.4	2014.2	2141.9	2186.6	2249.6	2389.7	2500.5	2600.5	2711.3
22.5°	1655.7	1763.4	1877.3	1986.5	2118.9	2212.7	2282.0	2405.1	2538.9	2654.3	2779.0
25°	1612.6	1729.6	1829.6	1978.8	2118.9	2181.9	2260.4	2406.6	2552.8	2692.8	2820.5
27.5°	1566.4	1675.7	1811.1	1929.6	2088.1	2157.3	2242.0	2402.0	2557.4	2697.4	2834.4
30°	1515.7	1632.6	1744.9	1885.0	2038.8	2128.1	2206.6	2380.4	2538.9	2685.1	2812.8
32.5°	1458.7	1569.5	1689.5	1821.9	1983.4	2074.2	2172.7	2351.2	2520.5	2646.6	2745.1
35°	1398.7	1511.1	1615.7	1751.1	1917.3	2008.1	2103.5	2300.4	2468.2	2571.2	2628.2
37.5°	1332.6	1438.7	1541.8	1675.7	1841.9	1938.8	2035.8	2226.6	2385.1	2471.2	2455.8
40°	1269.5	1364.9	1460.3	1586.4	1760.3	1863.4	1948.1	2140.4	2278.9	2315.8	2265.0
42.5°	1197.1	1278.7	1371.0	1500.3	1669.5	1766.5	1872.7	2048.1	2151.2	2135.8	2049.6
45°	1115.6	1187.9	1280.2	1401.8	1574.1	1674.2	1763.4	1929.6	2005.0	1966.5	1809.6
47.5°	1037.1	1107.9	1183.3	1304.9	1472.6	1557.2	1648.0	1797.3	1840.3	1758.8	1601.8
50°	952.5	1011.0	1089.4	1204.8	1361.8	1451.0	1526.4	1646.5	1661.8	1561.8	1398.7
52.5°	870.9	920.2	995.6	1109.4	1255.6	1326.4	1400.3	1506.4	1494.1	1391.0	1234.1
55°	784.8	830.9	900.2	1004.8	1134.1	1201.8	1264.9	1358.7	1332.6	1226.4	1089.4
57.5°	712.4	744.8	812.5	909.4	1015.6	1089.4	1143.3	1217.1	1177.1	1071.0	943.3
60°	629.3	669.4	726.3	804.8	909.4	958.6	1006.3	1055.6	1027.9	926.3	812.5
62.5°	553.9	584.7	634.0	709.4	790.9	835.5	886.3	917.1	889.4	795.5	700.1
65°	489.3	513.9	552.4	614.0	692.4	729.4	758.6	787.8	764.8	677.0	607.8
67.5°	418.5	440.1	472.4	521.6	587.8	614.0	641.7	661.7	635.5	577.0	509.3
70°	355.5	370.8	401.6	438.5	484.7	509.3	532.4	552.4	529.3	480.1	429.3
72.5°	290.8	303.1	330.8	357.0	398.5	415.5	432.4	447.8	440.1	393.9	352.4
75°	240.0	244.7	263.1	284.7	310.8	329.3	341.6	350.8	344.7	307.7	281.6
77.5°	181.6	187.7	201.6	218.5	241.6	252.4	260.0	269.3	261.6	232.4	213.9
80°	132.3	133.9	141.6	157.0	172.3	173.9	181.6	193.9	189.3	169.3	155.4
82.5°	84.6	89.2	92.3	101.6	112.3	115.4	120.0	123.1	121.6	109.3	104.6
85°	49.2	49.2	52.3	58.5	61.5	66.2	67.7	69.2	72.3	64.6	60.0
87.5°	21.5	23.1	23.1	24.6	27.7	27.7	29.2	30.8	32.3	30.8	26.2
90°	4.4	8.0	11.6	15.2	18.8	20.6	21.9	24.5	27.2	29.8	32.4
92.5°	38.3	42.5	46.8	51.0	55.3	57.4	58.2	59.8	61.5	63.1	64.7
95°	88.3	91.2	94.2	97.1	100.0	101.5	102.6	104.9	107.2	109.5	111.8
97.5°	141.2	143.8	146.4	149.1	151.7	153.0	154.3	156.9	159.6	162.2	164.8
100°	206.0	207.3	208.6	209.9	211.2	211.8	213.3	216.2	219.2	222.1	225.1
102.5°	273.6	273.9	274.3	274.6	274.9	275.1	276.4	279.0	281.7	284.3	286.9
105°	342.8	343.1	343.5	343.8	344.1	344.3	344.9	346.2	347.5	348.8	350.1
107.5°	414.9	415.2	415.5	415.8	416.1	416.3	416.5	416.8	417.1	417.5	417.8
110°	488.4	489.1	489.7	490.4	491.1	491.4	491.2	490.9	490.6	490.2	489.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	564.9	564.9	564.9	564.9	564.9	564.9	564.6	563.9	563.3	562.6	562.0
115°	641.4	641.4	641.4	641.4	641.4	641.4	641.1	640.4	639.8	639.1	638.5
117.5°	713.5	713.5	713.5	713.5	713.5	713.5	713.3	713.0	712.7	712.3	712.0
120°	785.6	786.9	788.2	789.5	790.8	791.5	791.0	790.0	789.1	788.1	787.1
122.5°	860.6	860.9	861.3	861.6	861.9	862.1	861.9	861.6	861.3	860.9	860.6
125°	934.2	934.2	934.2	934.2	934.2	934.2	934.0	933.7	933.4	933.0	932.7
127.5°	1000.4	1001.4	1002.4	1003.3	1004.3	1004.8	1004.5	1003.8	1003.2	1002.5	1001.9
130°	1071.0	1072.0	1073.0	1073.9	1074.9	1075.4	1075.4	1075.4	1075.4	1075.4	1075.4
132.5°	1143.1	1143.7	1144.4	1145.0	1145.7	1146.0	1145.8	1145.5	1145.2	1144.9	1144.6
135°	1204.9	1206.9	1208.8	1210.8	1212.7	1213.7	1213.7	1213.7	1213.7	1213.7	1213.7
137.5°	1274.0	1275.0	1276.0	1276.9	1277.9	1278.4	1278.7	1279.4	1280.1	1280.7	1281.4
140°	1343.2	1343.8	1344.5	1345.1	1345.8	1346.1	1346.1	1346.1	1346.1	1346.1	1346.1
142.5°	1406.4	1407.1	1407.7	1408.4	1409.1	1409.4	1409.2	1408.9	1408.6	1408.2	1407.9
145°	1463.8	1465.1	1466.4	1467.7	1469.0	1469.7	1469.9	1470.2	1470.5	1470.9	1471.2
147.5°	1522.7	1524.3	1525.9	1527.6	1529.2	1530.0	1529.8	1529.5	1529.2	1528.8	1528.5
150°	1575.6	1576.9	1578.2	1579.5	1580.8	1581.5	1581.5	1581.5	1581.5	1581.5	1581.5
152.5°	1625.6	1626.3	1626.9	1627.6	1628.3	1628.6	1628.8	1629.1	1629.4	1629.7	1630.0
155°	1677.1	1677.1	1677.1	1677.1	1677.1	1677.1	1676.9	1676.6	1676.3	1676.0	1675.7
157.5°	1721.3	1720.6	1720.0	1719.3	1718.6	1718.3	1718.3	1718.3	1718.3	1718.3	1718.3
160°	1759.5	1759.2	1758.8	1758.5	1758.2	1758.0	1757.8	1757.5	1757.2	1756.9	1756.6
162.5°	1794.8	1793.8	1792.8	1791.9	1790.9	1790.4	1790.2	1789.9	1789.6	1789.2	1788.9
165°	1825.7	1824.7	1823.7	1822.8	1821.8	1821.3	1821.0	1820.3	1819.7	1819.0	1818.4
167.5°	1850.7	1849.4	1848.1	1846.8	1845.5	1844.8	1844.8	1844.8	1844.8	1844.8	1844.8
170°	1871.3	1869.7	1868.1	1866.4	1864.8	1864.0	1864.2	1864.5	1864.8	1865.1	1865.4
172.5°	1886.0	1884.7	1883.4	1882.1	1880.8	1880.1	1880.1	1880.1	1880.1	1880.1	1880.1
175°	1899.3	1897.7	1896.0	1894.4	1892.7	1891.9	1891.7	1891.4	1891.1	1890.7	1890.4
177.5°	1905.2	1903.6	1901.9	1900.3	1898.6	1897.8	1897.8	1897.8	1897.8	1897.8	1897.8
180°	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3
2.5°	1940.4	1968.1	1980.4	1983.4	2000.4	1989.6	1994.2	1992.7	2005.0	2006.5	2006.5
5°	2081.9	2114.2	2125.0	2140.4	2163.5	2169.6	2165.0	2174.3	2191.2	2178.9	2197.3
7.5°	2231.2	2266.6	2291.2	2325.0	2332.7	2352.7	2365.1	2375.8	2378.9	2380.4	2383.5
10°	2369.7	2414.3	2448.1	2505.1	2517.4	2528.2	2582.0	2560.5	2588.2	2578.9	2582.0
12.5°	2482.0	2569.7	2597.4	2692.8	2702.0	2739.0	2735.9	2769.7	2775.9	2788.2	2775.9
15°	2629.7	2731.3	2775.9	2829.8	2860.5	2903.6	2911.3	2957.5	2975.9	2992.9	2975.9
17.5°	2765.1	2819.0	2932.9	2975.9	2995.9	3019.0	3077.5	3094.4	3122.1	3111.3	3142.1
20°	2832.8	2909.8	3029.8	3103.7	3134.4	3156.0	3205.2	3231.4	3242.1	3242.1	3245.2
22.5°	2892.8	3003.6	3092.9	3177.5	3205.2	3220.6	3249.8	3269.8	3274.5	3277.5	3280.6
25°	2946.7	3046.7	3119.0	3166.7	3177.5	3177.5	3194.4	3182.1	3162.1	3177.5	3186.7
27.5°	2946.7	3017.5	3049.8	3066.7	3066.7	3025.2	3000.6	2949.8	2906.7	2894.4	2922.1
30°	2897.5	2929.8	2885.2	2843.6	2811.3	2783.6	2686.7	2609.7	2594.3	2583.6	2625.1
32.5°	2783.6	2742.0	2654.3	2534.3	2486.6	2423.5	2348.1	2289.7	2254.3	2242.0	2232.7
35°	2582.0	2474.3	2360.4	2198.9	2165.0	2085.0	1981.9	1938.8	1880.4	1878.8	1898.8
37.5°	2362.0	2195.8	2072.7	1918.8	1871.1	1786.5	1689.5	1644.9	1604.9	1574.1	1611.1
40°	2105.0	1960.4	1772.6	1646.5	1578.8	1534.1	1452.6	1403.3	1384.9	1369.5	1392.6
42.5°	1865.0	1706.5	1560.3	1431.0	1375.6	1324.9	1271.0	1223.3	1209.5	1207.9	1224.8
45°	1626.5	1471.0	1335.6	1224.8	1189.5	1158.7	1106.4	1092.5	1069.4	1054.0	1061.7
47.5°	1435.7	1275.6	1163.3	1078.7	1047.9	1021.7	987.9	964.8	944.8	938.6	947.9
50°	1247.9	1140.2	1024.8	954.0	930.9	906.3	880.2	858.6	849.4	843.2	849.4
52.5°	1097.1	981.7	903.2	846.3	823.2	804.8	786.3	777.1	764.8	767.8	774.0
55°	961.7	860.2	794.0	752.4	738.6	730.9	707.8	697.1	692.4	689.4	692.4
57.5°	834.0	760.1	710.9	675.5	657.0	652.4	634.0	634.0	629.3	624.7	626.3
60°	732.4	669.4	621.7	594.0	590.9	583.2	570.9	569.3	558.6	563.2	564.7
62.5°	629.3	578.6	546.3	529.3	518.6	515.5	507.8	506.2	501.6	503.2	500.1
65°	547.8	506.2	473.9	460.1	455.5	453.9	447.8	443.2	440.1	443.2	440.1
67.5°	466.2	438.5	413.9	400.1	393.9	392.4	387.8	384.7	386.2	381.6	384.7
70°	389.3	361.6	346.2	338.5	335.4	330.8	330.8	330.8	330.8	327.8	326.2
72.5°	327.8	300.1	289.3	284.7	281.6	280.1	275.4	277.0	275.4	273.9	280.1
75°	260.0	243.1	232.4	227.7	230.8	226.2	221.6	224.7	220.0	221.6	227.7
77.5°	197.0	189.3	183.1	180.0	177.0	173.9	173.9	170.8	170.8	170.8	170.8
80°	143.1	141.6	130.8	129.3	129.3	126.2	126.2	126.2	126.2	124.6	126.2
82.5°	95.4	93.9	90.8	89.2	86.2	87.7	87.7	84.6	84.6	83.1	84.6
85°	55.4	55.4	52.3	50.8	49.2	50.8	47.7	46.2	47.7	46.2	47.7
87.5°	26.2	23.1	24.6	23.1	20.0	21.5	18.5	20.0	18.5	16.9	20.0
90°	34.4	36.3	38.3	40.2	41.2	41.5	42.2	42.8	43.5	44.1	43.5
92.5°	65.7	66.7	67.6	68.6	69.1	69.3	69.6	69.9	70.3	70.6	70.3
95°	112.8	113.8	114.7	115.7	116.2	116.2	116.2	116.2	116.2	116.2	116.2
97.5°	166.1	167.4	168.7	170.0	170.7	170.7	170.7	170.7	170.7	170.7	170.7
100°	225.7	226.4	227.0	227.7	228.0	228.0	228.0	228.0	228.0	228.0	228.0
102.5°	287.9	288.9	289.8	290.8	291.3	291.5	291.8	292.1	292.5	292.8	292.5
105°	351.1	352.1	353.0	354.0	354.5	355.0	356.0	357.0	358.0	359.0	358.0
107.5°	419.1	420.4	421.7	423.0	423.7	423.5	423.2	422.9	422.5	422.2	422.5
110°	489.3	488.6	488.0	487.3	487.0	487.5	488.5	489.4	490.4	491.4	490.4

TEST NUMBER: P1032569

CATALOG NUMBER: S124DIW-B1195D1560UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	562.0	562.0	562.0	562.0	562.0	562.0	562.0	562.0	562.0	562.0	562.0
115°	638.2	637.8	637.5	637.2	637.0	636.8	636.5	636.2	635.8	635.5	635.8
117.5°	711.0	710.0	709.1	708.1	707.6	707.1	706.1	705.2	704.2	703.2	704.2
120°	785.5	783.8	782.2	780.5	779.7	780.0	780.7	781.4	782.0	782.7	782.0
122.5°	859.6	858.6	857.7	856.7	856.2	855.4	853.8	852.1	850.5	848.9	850.5
125°	932.1	931.4	930.8	930.1	929.8	929.5	928.8	928.1	927.5	926.8	927.5
127.5°	1001.2	1000.6	999.9	999.2	998.9	998.7	998.4	998.1	997.7	997.4	997.7
130°	1074.8	1074.1	1073.5	1072.8	1072.5	1071.8	1070.5	1069.2	1067.9	1066.6	1067.9
132.5°	1143.9	1143.3	1142.6	1141.9	1141.6	1141.4	1141.1	1140.8	1140.4	1140.1	1140.4
135°	1213.1	1212.4	1211.8	1211.1	1210.8	1210.3	1209.3	1208.4	1207.4	1206.4	1207.4
137.5°	1280.4	1279.4	1278.5	1277.5	1277.0	1277.2	1277.5	1277.8	1278.1	1278.4	1278.1
140°	1345.8	1345.4	1345.1	1344.8	1344.6	1344.4	1344.1	1343.8	1343.5	1343.2	1343.5
142.5°	1407.9	1407.9	1407.9	1407.9	1407.9	1407.9	1407.9	1407.9	1407.9	1407.9	1407.9
145°	1470.9	1470.5	1470.2	1469.9	1469.7	1469.2	1468.2	1467.3	1466.3	1465.3	1466.3
147.5°	1528.2	1527.9	1527.6	1527.3	1527.1	1526.9	1526.6	1526.3	1525.9	1525.6	1525.9
150°	1581.5	1581.5	1581.5	1581.5	1581.5	1581.3	1581.0	1580.7	1580.3	1580.0	1580.3
152.5°	1631.0	1632.0	1633.0	1634.0	1634.5	1634.0	1633.0	1632.0	1631.0	1630.0	1631.0
155°	1677.0	1678.3	1679.6	1680.9	1681.5	1680.9	1679.6	1678.3	1677.0	1675.7	1677.0
157.5°	1719.3	1720.3	1721.2	1722.2	1722.7	1722.2	1721.2	1720.3	1719.3	1718.3	1719.3
160°	1757.6	1758.6	1759.5	1760.5	1761.0	1760.2	1758.5	1756.9	1755.2	1753.6	1755.2
162.5°	1790.9	1792.9	1794.8	1796.8	1797.8	1797.0	1795.3	1793.7	1792.0	1790.4	1792.0
165°	1820.4	1822.3	1824.3	1826.2	1827.2	1826.5	1825.2	1823.9	1822.6	1821.3	1822.6
167.5°	1846.8	1848.8	1850.7	1852.7	1853.7	1852.7	1850.7	1848.8	1846.8	1844.8	1846.8
170°	1867.4	1869.4	1871.3	1873.3	1874.3	1873.2	1870.9	1868.6	1866.3	1864.0	1866.3
172.5°	1882.4	1884.7	1887.0	1889.3	1890.4	1889.3	1887.0	1884.7	1882.4	1880.1	1882.4
175°	1892.7	1895.0	1897.3	1899.6	1900.7	1899.6	1897.3	1895.0	1892.7	1890.4	1892.7
177.5°	1900.1	1902.4	1904.7	1907.0	1908.1	1906.8	1904.2	1901.5	1898.9	1896.3	1898.9
180°	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3
2.5°	2003.5	1998.8	1992.7	1992.7	1985.0	1985.0	1972.7	1951.1	1932.7	1926.5	1929.6
5°	2174.3	2175.8	2166.6	2158.9	2145.0	2134.2	2114.2	2075.8	2063.5	2038.8	2021.9
7.5°	2369.7	2363.5	2346.6	2334.3	2331.2	2306.6	2263.5	2217.3	2180.4	2155.8	2120.4
10°	2589.7	2565.1	2540.5	2532.8	2514.3	2472.8	2423.5	2372.7	2322.0	2268.1	2208.1
12.5°	2774.4	2726.7	2725.1	2706.7	2671.3	2648.2	2589.7	2517.4	2429.7	2369.7	2302.0
15°	2972.9	2928.2	2891.3	2857.5	2840.5	2772.8	2723.6	2632.8	2528.2	2463.5	2417.4
17.5°	3114.4	3094.4	3031.3	3015.9	2992.9	2914.4	2835.9	2746.7	2655.9	2565.1	2440.5
20°	3228.3	3216.0	3174.4	3152.9	3116.0	3054.4	2959.0	2855.9	2751.3	2622.0	2505.1
22.5°	3277.5	3262.1	3228.3	3209.8	3186.7	3134.4	3052.9	2935.9	2799.0	2683.6	2558.9
25°	3180.6	3208.3	3199.1	3191.4	3182.1	3151.4	3089.8	2986.7	2852.8	2722.0	2566.6
27.5°	2962.1	3009.8	3056.0	3062.1	3077.5	3089.8	3065.2	2991.3	2879.0	2740.5	2569.7
30°	2668.2	2689.7	2783.6	2811.3	2832.8	2911.3	2957.5	2939.0	2852.8	2728.2	2571.2
32.5°	2291.2	2348.1	2443.5	2509.7	2568.2	2655.9	2775.9	2823.6	2792.8	2691.3	2535.9
35°	1934.2	2001.9	2112.7	2197.3	2255.8	2380.4	2522.0	2625.1	2663.6	2612.8	2474.3
37.5°	1641.8	1723.4	1821.9	1854.2	1921.9	2075.8	2271.2	2414.3	2508.2	2512.8	2405.1
40°	1421.8	1463.3	1541.8	1591.1	1657.2	1786.5	1977.3	2166.6	2308.1	2355.8	2298.9
42.5°	1235.6	1267.9	1326.4	1386.4	1446.4	1544.9	1720.3	1897.3	2088.1	2183.5	2181.9
45°	1087.9	1121.7	1161.8	1211.0	1252.5	1358.7	1497.2	1678.8	1843.4	1991.1	2028.1
47.5°	958.6	987.9	1037.1	1058.7	1086.4	1186.4	1306.4	1475.7	1646.5	1815.7	1858.8
50°	863.2	887.9	921.7	935.6	966.3	1040.2	1138.7	1275.6	1464.9	1620.3	1700.3
52.5°	777.1	795.5	821.7	832.5	854.0	909.4	998.6	1106.4	1263.3	1423.3	1535.7
55°	703.2	715.5	734.0	746.3	761.7	810.9	877.1	974.0	1109.4	1247.9	1357.2
57.5°	634.0	643.2	661.7	667.8	680.1	718.6	764.8	846.3	971.0	1094.0	1200.2
60°	569.3	575.5	586.3	600.1	609.3	635.5	678.6	746.3	846.3	958.6	1044.8
62.5°	507.8	517.0	520.1	526.3	533.9	558.6	592.4	641.7	729.4	821.7	912.5
65°	444.7	452.4	458.5	460.1	467.8	486.2	517.0	560.1	617.0	697.1	781.7
67.5°	386.2	390.8	393.9	400.1	407.8	417.0	441.6	473.9	526.3	590.9	658.6
70°	332.4	332.4	337.0	338.5	347.8	358.5	369.3	400.1	446.2	498.6	544.7
72.5°	273.9	281.6	280.1	287.7	286.2	293.9	307.7	327.8	361.6	403.2	447.8
75°	223.1	227.7	227.7	227.7	230.8	237.0	244.7	263.1	289.3	323.1	349.3
77.5°	173.9	177.0	177.0	177.0	178.5	184.6	192.3	204.7	223.1	243.1	258.5
80°	124.6	127.7	127.7	130.8	130.8	132.3	140.0	146.2	155.4	170.8	186.2
82.5°	84.6	86.2	89.2	89.2	87.7	90.8	92.3	98.5	107.7	110.8	121.6
85°	46.2	47.7	49.2	49.2	50.8	53.9	52.3	58.5	58.5	64.6	67.7
87.5°	18.5	21.5	21.5	20.0	21.5	21.5	21.5	24.6	26.2	27.7	26.2
90°	42.8	42.2	41.5	41.2	40.2	38.3	36.3	34.4	32.4	29.8	27.2
92.5°	69.9	69.6	69.3	69.1	68.6	67.6	66.7	65.7	64.7	63.1	61.5
95°	116.2	116.2	116.2	116.2	115.7	114.7	113.8	112.8	111.8	109.5	107.2
97.5°	170.7	170.7	170.7	170.7	170.0	168.7	167.4	166.1	164.8	162.2	159.6
100°	228.0	228.0	228.0	228.0	227.7	227.0	226.4	225.7	225.1	222.1	219.2
102.5°	292.1	291.8	291.5	291.3	290.8	289.8	288.9	287.9	286.9	284.3	281.7
105°	357.0	356.0	355.0	354.5	354.0	353.0	352.1	351.1	350.1	348.8	347.5
107.5°	422.9	423.2	423.5	423.7	423.0	421.7	420.4	419.1	417.8	417.5	417.1
110°	489.4	488.5	487.5	487.0	487.3	488.0	488.6	489.3	489.9	490.2	490.6

TEST NUMBER: P1032569

CATALOG NUMBER: S124DIW-B1195D1560UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	562.0	562.0	562.0	562.0	562.0	562.0	562.0	562.0	562.0	562.6	563.3
115°	636.2	636.5	636.8	637.0	637.2	637.5	637.8	638.2	638.5	639.1	639.8
117.5°	705.2	706.1	707.1	707.6	708.1	709.1	710.0	711.0	712.0	712.3	712.7
120°	781.4	780.7	780.0	779.7	780.5	782.2	783.8	785.5	787.1	788.1	789.1
122.5°	852.1	853.8	855.4	856.2	856.7	857.7	858.6	859.6	860.6	860.9	861.3
125°	928.1	928.8	929.5	929.8	930.1	930.8	931.4	932.1	932.7	933.0	933.4
127.5°	998.1	998.4	998.7	998.9	999.2	999.9	1000.6	1001.2	1001.9	1002.5	1003.2
130°	1069.2	1070.5	1071.8	1072.5	1072.8	1073.5	1074.1	1074.8	1075.4	1075.4	1075.4
132.5°	1140.8	1141.1	1141.4	1141.6	1141.9	1142.6	1143.3	1143.9	1144.6	1144.9	1145.2
135°	1208.4	1209.3	1210.3	1210.8	1211.1	1211.8	1212.4	1213.1	1213.7	1213.7	1213.7
137.5°	1277.8	1277.5	1277.2	1277.0	1277.5	1278.5	1279.4	1280.4	1281.4	1280.7	1280.1
140°	1343.8	1344.1	1344.4	1344.6	1344.8	1345.1	1345.4	1345.8	1346.1	1346.1	1346.1
142.5°	1407.9	1407.9	1407.9	1407.9	1407.9	1407.9	1407.9	1407.9	1407.9	1408.2	1408.6
145°	1467.3	1468.2	1469.2	1469.7	1469.9	1470.2	1470.5	1470.9	1471.2	1470.9	1470.5
147.5°	1526.3	1526.6	1526.9	1527.1	1527.3	1527.6	1527.9	1528.2	1528.5	1528.8	1529.2
150°	1580.7	1581.0	1581.3	1581.5	1581.5	1581.5	1581.5	1581.5	1581.5	1581.5	1581.5
152.5°	1632.0	1633.0	1634.0	1634.5	1634.0	1633.0	1632.0	1631.0	1630.0	1629.7	1629.4
155°	1678.3	1679.6	1680.9	1681.5	1680.9	1679.6	1678.3	1677.0	1675.7	1676.0	1676.3
157.5°	1720.3	1721.2	1722.2	1722.7	1722.2	1721.2	1720.3	1719.3	1718.3	1718.3	1718.3
160°	1756.9	1758.5	1760.2	1761.0	1760.5	1759.5	1758.6	1757.6	1756.6	1756.9	1757.2
162.5°	1793.7	1795.3	1797.0	1797.8	1796.8	1794.8	1792.9	1790.9	1788.9	1789.2	1789.6
165°	1823.9	1825.2	1826.5	1827.2	1826.2	1824.3	1822.3	1820.4	1818.4	1819.0	1819.7
167.5°	1848.8	1850.7	1852.7	1853.7	1852.7	1850.7	1848.8	1846.8	1844.8	1844.8	1844.8
170°	1868.6	1870.9	1873.2	1874.3	1873.3	1871.3	1869.4	1867.4	1865.4	1865.1	1864.8
172.5°	1884.7	1887.0	1889.3	1890.4	1889.3	1887.0	1884.7	1882.4	1880.1	1880.1	1880.1
175°	1895.0	1897.3	1899.6	1900.7	1899.6	1897.3	1895.0	1892.7	1890.4	1890.7	1891.1
177.5°	1901.5	1904.2	1906.8	1908.1	1907.0	1904.7	1902.4	1900.1	1897.8	1897.8	1897.8
180°	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2

TEST NUMBER: P1032569

CATALOG NUMBER: S124DIW-B1195D1560UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3
2.5°	1915.7	1909.6	1905.0	1905.0	1891.1	1877.3	1869.6	1866.5	1863.4	1851.1	1834.2
5°	1994.2	1974.2	1960.4	1946.5	1923.4	1898.8	1874.2	1860.3	1840.3	1812.6	1792.6
7.5°	2081.9	2034.2	2018.8	2001.9	1955.7	1914.2	1880.4	1851.1	1818.8	1783.4	1748.0
10°	2155.8	2105.0	2071.2	2041.9	1981.9	1926.5	1875.7	1832.6	1791.1	1744.9	1701.9
12.5°	2226.6	2154.2	2118.9	2075.8	2012.7	1932.7	1866.5	1812.6	1751.1	1703.4	1651.1
15°	2325.0	2203.5	2145.0	2117.3	2032.7	1938.8	1858.8	1778.8	1728.0	1655.7	1609.5
17.5°	2340.4	2242.0	2203.5	2132.7	2031.1	1925.0	1832.6	1752.6	1675.7	1611.1	1551.1
20°	2394.3	2265.0	2203.5	2158.9	2025.0	1917.3	1815.7	1712.6	1638.8	1569.5	1501.8
22.5°	2428.1	2282.0	2217.3	2146.6	2018.8	1889.6	1769.6	1680.3	1589.5	1518.7	1464.9
25°	2418.9	2272.7	2200.4	2134.2	1978.8	1849.6	1741.9	1628.0	1543.4	1466.4	1395.6
27.5°	2414.3	2249.6	2172.7	2098.9	1952.7	1817.3	1681.9	1589.5	1495.7	1406.4	1354.1
30°	2402.0	2220.4	2131.2	2051.2	1898.8	1757.3	1641.8	1534.1	1440.3	1358.7	1289.5
32.5°	2360.4	2171.2	2085.0	1998.8	1840.3	1698.8	1581.8	1481.8	1388.0	1303.3	1237.2
35°	2305.0	2112.7	2018.8	1928.1	1769.6	1626.5	1518.7	1414.1	1326.4	1244.8	1181.8
37.5°	2249.6	2045.0	1957.3	1852.7	1706.5	1557.2	1446.4	1352.6	1271.0	1186.4	1117.1
40°	2169.6	1965.0	1868.0	1778.8	1608.0	1468.0	1366.4	1281.8	1201.8	1121.7	1063.3
42.5°	2060.4	1877.3	1777.3	1678.8	1518.7	1380.3	1281.8	1206.4	1131.0	1064.8	1000.2
45°	1949.6	1771.1	1681.9	1594.1	1420.3	1289.5	1198.7	1129.4	1066.4	994.0	941.7
47.5°	1815.7	1664.9	1575.7	1489.5	1324.9	1194.1	1111.0	1046.3	987.9	927.9	878.6
50°	1678.8	1548.0	1466.4	1377.2	1220.2	1101.7	1020.2	966.3	918.6	861.7	821.7
52.5°	1531.1	1417.2	1347.9	1261.8	1123.3	1014.0	930.9	877.1	837.1	795.5	760.1
55°	1374.1	1291.0	1217.1	1147.9	1017.1	918.6	844.8	797.1	769.4	730.9	700.1
57.5°	1232.5	1152.5	1107.9	1029.4	915.6	818.6	760.1	720.1	687.8	664.7	640.1
60°	1084.8	1020.2	971.0	914.0	814.0	732.4	670.9	647.8	614.0	597.0	586.3
62.5°	943.3	897.1	850.9	807.8	718.6	641.7	595.5	566.3	546.3	529.3	520.1
65°	809.4	766.3	734.0	695.5	621.7	560.1	517.0	493.9	473.9	469.3	458.5
67.5°	678.6	660.1	624.7	594.0	530.9	483.2	450.9	421.6	410.8	406.2	397.0
70°	567.8	546.3	518.6	492.4	444.7	403.2	373.9	363.1	347.8	346.2	335.4
72.5°	467.8	441.6	421.6	401.6	366.2	329.3	313.9	298.5	290.8	284.7	280.1
75°	370.8	352.4	338.5	321.6	290.8	266.2	244.7	238.5	233.9	232.4	229.3
77.5°	277.0	264.7	258.5	241.6	220.0	198.5	189.3	180.0	180.0	177.0	178.5
80°	197.0	189.3	181.6	172.3	153.9	144.6	136.9	130.8	127.7	126.2	127.7
82.5°	124.6	120.0	118.5	112.3	100.0	95.4	89.2	84.6	84.6	84.6	84.6
85°	69.2	69.2	69.2	60.0	55.4	50.8	47.7	46.2	46.2	46.2	47.7
87.5°	29.2	29.2	24.6	24.6	23.1	20.0	18.5	18.5	20.0	20.0	21.5
90°	24.5	21.9	20.6	18.8	15.2	11.6	8.0	4.4	8.0	11.6	15.2
92.5°	59.8	58.2	57.4	55.3	51.0	46.8	42.5	38.3	42.5	46.8	51.0
95°	104.9	102.6	101.5	100.0	97.1	94.2	91.2	88.3	91.2	94.2	97.1
97.5°	156.9	154.3	153.0	151.7	149.1	146.4	143.8	141.2	143.8	146.4	149.1
100°	216.2	213.3	211.8	211.2	209.9	208.6	207.3	206.0	207.3	208.6	209.9
102.5°	279.0	276.4	275.1	274.9	274.6	274.3	273.9	273.6	273.9	274.3	274.6
105°	346.2	344.9	344.3	344.1	343.8	343.5	343.1	342.8	343.1	343.5	343.8
107.5°	416.8	416.5	416.3	416.1	415.8	415.5	415.2	414.9	415.2	415.5	415.8
110°	490.9	491.2	491.4	491.1	490.4	489.7	489.1	488.4	489.1	489.7	490.4

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CATALOG NUMBER: S124DIW-B1195D1560UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	563.9	564.6	564.9	564.9	564.9	564.9	564.9	564.9	564.9	564.9	564.9
115°	640.4	641.1	641.4	641.4	641.4	641.4	641.4	641.4	641.4	641.4	641.4
117.5°	713.0	713.3	713.5	713.5	713.5	713.5	713.5	713.5	713.5	713.5	713.5
120°	790.0	791.0	791.5	790.8	789.5	788.2	786.9	785.6	786.9	788.2	789.5
122.5°	861.6	861.9	862.1	861.9	861.6	861.3	860.9	860.6	860.9	861.3	861.6
125°	933.7	934.0	934.2	934.2	934.2	934.2	934.2	934.2	934.2	934.2	934.2
127.5°	1003.8	1004.5	1004.8	1004.3	1003.3	1002.4	1001.4	1000.4	1001.4	1002.4	1003.3
130°	1075.4	1075.4	1075.4	1074.9	1073.9	1073.0	1072.0	1071.0	1072.0	1073.0	1073.9
132.5°	1145.5	1145.8	1146.0	1145.7	1145.0	1144.4	1143.7	1143.1	1143.7	1144.4	1145.0
135°	1213.7	1213.7	1213.7	1212.7	1210.8	1208.8	1206.9	1204.9	1206.9	1208.8	1210.8
137.5°	1279.4	1278.7	1278.4	1277.9	1276.9	1276.0	1275.0	1274.0	1275.0	1276.0	1276.9
140°	1346.1	1346.1	1346.1	1345.8	1345.1	1344.5	1343.8	1343.2	1343.8	1344.5	1345.1
142.5°	1408.9	1409.2	1409.4	1409.1	1408.4	1407.7	1407.1	1406.4	1407.1	1407.7	1408.4
145°	1470.2	1469.9	1469.7	1469.0	1467.7	1466.4	1465.1	1463.8	1465.1	1466.4	1467.7
147.5°	1529.5	1529.8	1530.0	1529.2	1527.6	1525.9	1524.3	1522.7	1524.3	1525.9	1527.6
150°	1581.5	1581.5	1581.5	1580.8	1579.5	1578.2	1576.9	1575.6	1576.9	1578.2	1579.5
152.5°	1629.1	1628.8	1628.6	1628.3	1627.6	1626.9	1626.3	1625.6	1626.3	1626.9	1627.6
155°	1676.6	1676.9	1677.1	1677.1	1677.1	1677.1	1677.1	1677.1	1677.1	1677.1	1677.1
157.5°	1718.3	1718.3	1718.3	1718.6	1719.3	1720.0	1720.6	1721.3	1720.6	1720.0	1719.3
160°	1757.5	1757.8	1758.0	1758.2	1758.5	1758.8	1759.2	1759.5	1759.2	1758.8	1758.5
162.5°	1789.9	1790.2	1790.4	1790.9	1791.9	1792.8	1793.8	1794.8	1793.8	1792.8	1791.9
165°	1820.3	1821.0	1821.3	1821.8	1822.8	1823.7	1824.7	1825.7	1824.7	1823.7	1822.8
167.5°	1844.8	1844.8	1844.8	1845.5	1846.8	1848.1	1849.4	1850.7	1849.4	1848.1	1846.8
170°	1864.5	1864.2	1864.0	1864.8	1866.4	1868.1	1869.7	1871.3	1869.7	1868.1	1866.4
172.5°	1880.1	1880.1	1880.1	1880.8	1882.1	1883.4	1884.7	1886.0	1884.7	1883.4	1882.1
175°	1891.4	1891.7	1891.9	1892.7	1894.4	1896.0	1897.7	1899.3	1897.7	1896.0	1894.4
177.5°	1897.8	1897.8	1897.8	1898.6	1900.3	1901.9	1903.6	1905.2	1903.6	1901.9	1900.3
180°	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3
2.5°	1829.6	1823.4	1826.5	1811.1	1797.3	1777.3	1760.3	1757.3	1754.2	1763.4	1757.3
5°	1777.3	1769.6	1761.9	1743.4	1715.7	1698.8	1674.2	1672.6	1663.4	1649.5	1652.6
7.5°	1720.3	1715.7	1704.9	1675.7	1651.1	1621.8	1601.8	1584.9	1577.2	1564.9	1560.3
10°	1674.2	1657.2	1648.0	1615.7	1586.4	1555.7	1529.5	1517.2	1503.4	1492.6	1484.9
12.5°	1611.1	1606.5	1580.3	1554.1	1529.5	1494.1	1474.1	1438.7	1420.3	1429.5	1426.4
15°	1569.5	1548.0	1541.8	1504.9	1463.3	1440.3	1403.3	1380.3	1372.6	1358.7	1341.8
17.5°	1514.1	1500.3	1478.7	1444.9	1397.2	1364.9	1338.7	1317.2	1307.9	1289.5	1275.6
20°	1461.8	1438.7	1421.8	1391.0	1344.9	1303.3	1271.0	1257.2	1234.1	1218.7	1211.0
22.5°	1414.1	1397.2	1372.6	1326.4	1286.4	1246.4	1207.9	1187.9	1166.4	1157.1	1144.8
25°	1355.6	1327.9	1311.0	1260.2	1217.1	1184.8	1149.4	1123.3	1111.0	1095.6	1092.5
27.5°	1298.7	1272.5	1252.5	1207.9	1155.6	1114.1	1092.5	1074.0	1052.5	1052.5	1044.8
30°	1241.8	1223.3	1192.5	1149.4	1100.2	1060.2	1035.6	1018.7	1011.0	1004.8	1003.3
32.5°	1184.8	1160.2	1141.8	1083.3	1046.3	1009.4	991.0	977.1	967.9	966.3	967.9
35°	1126.4	1098.7	1080.2	1027.9	991.0	957.1	949.4	937.1	932.5	930.9	938.6
37.5°	1064.8	1043.3	1020.2	977.1	935.6	915.6	900.2	895.6	894.0	903.2	906.3
40°	1007.9	989.4	967.9	921.7	890.9	869.4	861.7	857.1	863.2	872.5	877.1
42.5°	954.0	927.9	910.9	869.4	841.7	829.4	820.2	820.2	826.3	837.1	844.8
45°	897.1	877.1	860.2	823.2	798.6	784.8	783.2	784.8	792.5	800.1	809.4
47.5°	841.7	821.7	803.2	772.5	750.9	743.2	741.7	743.2	755.5	766.3	777.1
50°	790.9	769.4	752.4	723.2	706.3	697.1	698.6	706.3	715.5	730.9	744.8
52.5°	730.9	715.5	700.1	674.0	658.6	652.4	657.0	663.2	680.1	690.9	707.8
55°	672.4	658.6	646.3	626.3	614.0	609.3	612.4	621.7	635.5	654.0	674.0
57.5°	618.6	603.2	590.9	577.0	563.2	564.7	566.3	578.6	595.5	612.4	635.5
60°	558.6	549.3	538.6	521.6	515.5	515.5	520.1	533.9	549.3	577.0	597.0
62.5°	504.7	492.4	484.7	473.9	464.7	466.2	477.0	489.3	507.8	530.9	557.0
65°	449.3	435.5	429.3	420.1	417.0	418.5	426.2	444.7	464.7	484.7	509.3
67.5°	387.8	383.1	377.0	367.8	370.8	372.4	380.1	395.5	417.0	437.0	464.7
70°	335.4	326.2	324.7	317.0	317.0	321.6	337.0	347.8	367.8	389.3	418.5
72.5°	280.1	272.4	272.4	266.2	270.8	275.4	283.1	298.5	317.0	338.5	363.1
75°	223.1	220.0	223.1	220.0	220.0	227.7	237.0	249.3	269.3	292.4	312.4
77.5°	172.3	172.3	170.8	175.4	175.4	180.0	192.3	204.7	220.0	238.5	260.0
80°	126.2	126.2	126.2	130.8	135.4	135.4	143.1	158.5	172.3	184.6	204.7
82.5°	86.2	86.2	86.2	89.2	95.4	95.4	104.6	113.9	129.3	140.0	149.3
85°	52.3	52.3	50.8	53.9	55.4	60.0	67.7	73.9	81.6	90.8	100.0
87.5°	23.1	23.1	24.6	26.2	27.7	30.8	33.9	36.9	44.6	47.7	52.3
90°	18.8	20.6	21.9	24.5	27.2	29.8	32.4	34.4	36.3	38.3	40.2
92.5°	55.3	57.4	58.2	59.8	61.5	63.1	64.7	65.7	66.7	67.6	68.6
95°	100.0	101.5	102.6	104.9	107.2	109.5	111.8	112.8	113.8	114.7	115.7
97.5°	151.7	153.0	154.3	156.9	159.6	162.2	164.8	166.1	167.4	168.7	170.0
100°	211.2	211.8	213.3	216.2	219.2	222.1	225.1	225.7	226.4	227.0	227.7
102.5°	274.9	275.1	276.4	279.0	281.7	284.3	286.9	287.9	288.9	289.8	290.8
105°	344.1	344.3	344.9	346.2	347.5	348.8	350.1	351.1	352.1	353.0	354.0
107.5°	416.1	416.3	416.5	416.8	417.1	417.5	417.8	419.1	420.4	421.7	423.0
110°	491.1	491.4	491.2	490.9	490.6	490.2	489.9	489.3	488.6	488.0	487.3

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	564.9	564.9	564.6	563.9	563.3	562.6	562.0	562.0	562.0	562.0	562.0
115°	641.4	641.4	641.1	640.4	639.8	639.1	638.5	638.2	637.8	637.5	637.2
117.5°	713.5	713.5	713.3	713.0	712.7	712.3	712.0	711.0	710.0	709.1	708.1
120°	790.8	791.5	791.0	790.0	789.1	788.1	787.1	785.5	783.8	782.2	780.5
122.5°	861.9	862.1	861.9	861.6	861.3	860.9	860.6	859.6	858.6	857.7	856.7
125°	934.2	934.2	934.0	933.7	933.4	933.0	932.7	932.1	931.4	930.8	930.1
127.5°	1004.3	1004.8	1004.5	1003.8	1003.2	1002.5	1001.9	1001.2	1000.6	999.9	999.2
130°	1074.9	1075.4	1075.4	1075.4	1075.4	1075.4	1075.4	1074.8	1074.1	1073.5	1072.8
132.5°	1145.7	1146.0	1145.8	1145.5	1145.2	1144.9	1144.6	1143.9	1143.3	1142.6	1141.9
135°	1212.7	1213.7	1213.7	1213.7	1213.7	1213.7	1213.7	1213.1	1212.4	1211.8	1211.1
137.5°	1277.9	1278.4	1278.7	1279.4	1280.1	1280.7	1281.4	1280.4	1279.4	1278.5	1277.5
140°	1345.8	1346.1	1346.1	1346.1	1346.1	1346.1	1346.1	1345.8	1345.4	1345.1	1344.8
142.5°	1409.1	1409.4	1409.2	1408.9	1408.6	1408.2	1407.9	1407.9	1407.9	1407.9	1407.9
145°	1469.0	1469.7	1469.9	1470.2	1470.5	1470.9	1471.2	1470.9	1470.5	1470.2	1469.9
147.5°	1529.2	1530.0	1529.8	1529.5	1529.2	1528.8	1528.5	1528.2	1527.9	1527.6	1527.3
150°	1580.8	1581.5	1581.5	1581.5	1581.5	1581.5	1581.5	1581.5	1581.5	1581.5	1581.5
152.5°	1628.3	1628.6	1628.8	1629.1	1629.4	1629.7	1630.0	1631.0	1632.0	1633.0	1634.0
155°	1677.1	1677.1	1676.9	1676.6	1676.3	1676.0	1675.7	1677.0	1678.3	1679.6	1680.9
157.5°	1718.6	1718.3	1718.3	1718.3	1718.3	1718.3	1718.3	1719.3	1720.3	1721.2	1722.2
160°	1758.2	1758.0	1757.8	1757.5	1757.2	1756.9	1756.6	1757.6	1758.6	1759.5	1760.5
162.5°	1790.9	1790.4	1790.2	1789.9	1789.6	1789.2	1788.9	1790.9	1792.9	1794.8	1796.8
165°	1821.8	1821.3	1821.0	1820.3	1819.7	1819.0	1818.4	1820.4	1822.3	1824.3	1826.2
167.5°	1845.5	1844.8	1844.8	1844.8	1844.8	1844.8	1844.8	1846.8	1848.8	1850.7	1852.7
170°	1864.8	1864.0	1864.2	1864.5	1864.8	1865.1	1865.4	1867.4	1869.4	1871.3	1873.3
172.5°	1880.8	1880.1	1880.1	1880.1	1880.1	1880.1	1880.1	1882.4	1884.7	1887.0	1889.3
175°	1892.7	1891.9	1891.7	1891.4	1891.1	1890.7	1890.4	1892.7	1895.0	1897.3	1899.6
177.5°	1898.6	1897.8	1897.8	1897.8	1897.8	1897.8	1897.8	1900.1	1902.4	1904.7	1907.0
180°	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3
2.5°	1752.6	1751.1	1743.4	1746.5	1737.2	1740.3	1744.9	1746.5	1752.6	1748.0	1746.5
5°	1644.9	1641.8	1637.2	1632.6	1631.1	1637.2	1626.5	1629.5	1632.6	1637.2	1643.4
7.5°	1557.2	1555.7	1551.1	1543.4	1540.3	1537.2	1538.7	1549.5	1548.0	1546.4	1557.2
10°	1477.2	1478.7	1469.5	1468.0	1458.7	1457.2	1458.7	1461.8	1466.4	1472.6	1474.1
12.5°	1394.1	1414.1	1397.2	1391.0	1377.2	1384.9	1388.0	1374.1	1381.8	1386.4	1409.5
15°	1341.8	1332.6	1321.8	1321.8	1315.6	1312.6	1304.9	1315.6	1321.8	1331.0	1327.9
17.5°	1269.5	1254.1	1247.9	1241.8	1243.3	1249.5	1232.5	1257.2	1257.2	1261.8	1254.1
20°	1206.4	1194.1	1186.4	1183.3	1178.7	1175.6	1174.1	1180.2	1189.5	1192.5	1200.2
22.5°	1140.2	1140.2	1127.9	1123.3	1120.2	1115.6	1123.3	1118.7	1124.8	1131.0	1143.3
25°	1084.8	1084.8	1080.2	1074.0	1069.4	1066.4	1071.0	1069.4	1074.0	1081.7	1084.8
27.5°	1040.2	1035.6	1034.0	1032.5	1031.0	1032.5	1031.0	1035.6	1040.2	1041.7	1038.7
30°	1001.7	997.1	998.6	998.6	1000.2	998.6	997.1	1001.7	1003.3	1000.2	1001.7
32.5°	966.3	966.3	969.4	971.0	971.0	972.5	974.0	971.0	972.5	967.9	969.4
35°	937.1	940.2	943.3	944.8	946.3	944.8	947.9	946.3	943.3	940.2	938.6
37.5°	907.9	910.9	917.1	918.6	923.2	924.8	921.7	921.7	920.2	914.0	910.9
40°	877.1	880.2	887.9	892.5	895.6	900.2	897.1	897.1	890.9	884.8	880.2
42.5°	847.9	854.0	861.7	866.3	872.5	872.5	872.5	869.4	861.7	855.5	850.9
45°	818.6	820.2	830.9	838.6	844.8	844.8	844.8	840.2	835.5	823.2	817.1
47.5°	786.3	790.9	803.2	810.9	817.1	818.6	818.6	814.0	804.8	794.0	786.3
50°	750.9	758.6	772.5	783.2	790.9	794.0	789.4	786.3	775.5	763.2	754.0
52.5°	717.1	726.3	743.2	752.4	763.2	764.8	763.2	758.6	746.3	729.4	721.7
55°	683.2	690.9	709.4	724.8	734.0	737.1	734.0	726.3	710.9	694.0	686.3
57.5°	646.3	657.0	677.0	692.4	703.2	704.7	701.7	694.0	681.7	660.1	649.4
60°	607.8	621.7	641.7	657.0	670.9	672.4	669.4	658.6	643.2	621.7	612.4
62.5°	569.3	580.1	603.2	620.1	630.9	638.6	632.4	621.7	606.3	584.7	570.9
65°	524.7	540.1	560.1	575.5	587.8	589.3	586.3	577.0	560.1	537.0	526.3
67.5°	481.6	492.4	512.4	532.4	537.0	541.6	537.0	527.8	513.9	493.9	478.6
70°	429.3	438.5	463.2	477.0	483.2	487.8	484.7	475.5	463.2	444.7	432.4
72.5°	377.0	384.7	407.8	418.5	430.8	429.3	427.8	421.6	404.7	392.4	384.7
75°	321.6	330.8	346.2	360.1	364.7	364.7	364.7	360.1	349.3	329.3	321.6
77.5°	270.8	275.4	287.7	295.4	300.1	301.6	300.1	292.4	286.2	272.4	267.7
80°	207.7	220.0	229.3	230.8	237.0	237.0	237.0	233.9	227.7	213.9	212.3
82.5°	157.0	160.0	169.3	173.9	177.0	175.4	175.4	169.3	167.7	160.0	157.0
85°	106.2	110.8	109.3	115.4	116.9	113.9	113.9	116.9	109.3	110.8	106.2
87.5°	58.5	58.5	61.5	60.0	66.2	66.2	63.1	64.6	61.5	60.0	58.5
90°	41.2	41.5	42.2	42.8	43.5	44.1	43.5	42.8	42.2	41.5	41.2
92.5°	69.1	69.3	69.6	69.9	70.3	70.6	70.3	69.9	69.6	69.3	69.1
95°	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2
97.5°	170.7	170.7	170.7	170.7	170.7	170.7	170.7	170.7	170.7	170.7	170.7
100°	228.0	228.0	228.0	228.0	228.0	228.0	228.0	228.0	228.0	228.0	228.0
102.5°	291.3	291.5	291.8	292.1	292.5	292.8	292.5	292.1	291.8	291.5	291.3
105°	354.5	355.0	356.0	357.0	358.0	359.0	358.0	357.0	356.0	355.0	354.5
107.5°	423.7	423.5	423.2	422.9	422.5	422.2	422.5	422.9	423.2	423.5	423.7
110°	487.0	487.5	488.5	489.4	490.4	491.4	490.4	489.4	488.5	487.5	487.0

TEST NUMBER: P1032569

CATALOG NUMBER: S124DIW-B1195D1560UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	562.0	562.0	562.0	562.0	562.0	562.0	562.0	562.0	562.0	562.0	562.0
115°	637.0	636.8	636.5	636.2	635.8	635.5	635.8	636.2	636.5	636.8	637.0
117.5°	707.6	707.1	706.1	705.2	704.2	703.2	704.2	705.2	706.1	707.1	707.6
120°	779.7	780.0	780.7	781.4	782.0	782.7	782.0	781.4	780.7	780.0	779.7
122.5°	856.2	855.4	853.8	852.1	850.5	848.9	850.5	852.1	853.8	855.4	856.2
125°	929.8	929.5	928.8	928.1	927.5	926.8	927.5	928.1	928.8	929.5	929.8
127.5°	998.9	998.7	998.4	998.1	997.7	997.4	997.7	998.1	998.4	998.7	998.9
130°	1072.5	1071.8	1070.5	1069.2	1067.9	1066.6	1067.9	1069.2	1070.5	1071.8	1072.5
132.5°	1141.6	1141.4	1141.1	1140.8	1140.4	1140.1	1140.4	1140.8	1141.1	1141.4	1141.6
135°	1210.8	1210.3	1209.3	1208.4	1207.4	1206.4	1207.4	1208.4	1209.3	1210.3	1210.8
137.5°	1277.0	1277.2	1277.5	1277.8	1278.1	1278.4	1278.1	1277.8	1277.5	1277.2	1277.0
140°	1344.6	1344.4	1344.1	1343.8	1343.5	1343.2	1343.5	1343.8	1344.1	1344.4	1344.6
142.5°	1407.9	1407.9	1407.9	1407.9	1407.9	1407.9	1407.9	1407.9	1407.9	1407.9	1407.9
145°	1469.7	1469.2	1468.2	1467.3	1466.3	1465.3	1466.3	1467.3	1468.2	1469.2	1469.7
147.5°	1527.1	1526.9	1526.6	1526.3	1525.9	1525.6	1525.9	1526.3	1526.6	1526.9	1527.1
150°	1581.5	1581.3	1581.0	1580.7	1580.3	1580.0	1580.3	1580.7	1581.0	1581.3	1581.5
152.5°	1634.5	1634.0	1633.0	1632.0	1631.0	1630.0	1631.0	1632.0	1633.0	1634.0	1634.5
155°	1681.5	1680.9	1679.6	1678.3	1677.0	1675.7	1677.0	1678.3	1679.6	1680.9	1681.5
157.5°	1722.7	1722.2	1721.2	1720.3	1719.3	1718.3	1719.3	1720.3	1721.2	1722.2	1722.7
160°	1761.0	1760.2	1758.5	1756.9	1755.2	1753.6	1755.2	1756.9	1758.5	1760.2	1761.0
162.5°	1797.8	1797.0	1795.3	1793.7	1792.0	1790.4	1792.0	1793.7	1795.3	1797.0	1797.8
165°	1827.2	1826.5	1825.2	1823.9	1822.6	1821.3	1822.6	1823.9	1825.2	1826.5	1827.2
167.5°	1853.7	1852.7	1850.7	1848.8	1846.8	1844.8	1846.8	1848.8	1850.7	1852.7	1853.7
170°	1874.3	1873.2	1870.9	1868.6	1866.3	1864.0	1866.3	1868.6	1870.9	1873.2	1874.3
172.5°	1890.4	1889.3	1887.0	1884.7	1882.4	1880.1	1882.4	1884.7	1887.0	1889.3	1890.4
175°	1900.7	1899.6	1897.3	1895.0	1892.7	1890.4	1892.7	1895.0	1897.3	1899.6	1900.7
177.5°	1908.1	1906.8	1904.2	1901.5	1898.9	1896.3	1898.9	1901.5	1904.2	1906.8	1908.1
180°	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3
2.5°	1746.5	1755.7	1746.5	1752.6	1755.7	1763.4	1766.5	1780.3	1784.9	1795.7	1795.7
5°	1641.8	1646.5	1648.0	1654.2	1660.3	1675.7	1686.5	1706.5	1729.6	1732.6	1746.5
7.5°	1557.2	1564.9	1577.2	1572.6	1583.4	1606.5	1620.3	1644.9	1668.0	1680.3	1697.2
10°	1481.8	1491.0	1495.7	1500.3	1520.3	1540.3	1561.8	1578.8	1609.5	1628.0	1641.8
12.5°	1420.3	1412.6	1421.8	1438.7	1461.8	1474.1	1503.4	1529.5	1552.6	1572.6	1584.9
15°	1340.2	1346.4	1355.6	1384.9	1391.0	1421.8	1432.6	1461.8	1504.9	1523.4	1538.7
17.5°	1263.3	1283.3	1301.8	1312.6	1331.0	1355.6	1386.4	1418.7	1446.4	1468.0	1486.4
20°	1201.8	1221.8	1232.5	1240.2	1258.7	1292.5	1321.8	1361.8	1397.2	1414.1	1438.7
22.5°	1152.5	1152.5	1167.9	1191.0	1201.8	1234.1	1258.7	1301.8	1340.2	1361.8	1384.9
25°	1091.0	1100.2	1112.5	1132.5	1147.9	1174.1	1209.5	1246.4	1287.9	1306.4	1335.6
27.5°	1040.2	1051.0	1067.9	1072.5	1087.9	1111.0	1147.9	1187.9	1231.0	1251.0	1275.6
30°	1001.7	1007.9	1014.0	1023.3	1037.1	1057.1	1087.9	1123.3	1175.6	1191.0	1221.8
32.5°	967.9	971.0	974.0	981.7	989.4	1009.4	1034.0	1072.5	1115.6	1138.7	1166.4
35°	937.1	934.0	935.6	940.2	947.9	955.6	981.7	1014.0	1054.0	1081.7	1103.3
37.5°	907.9	901.7	900.2	900.2	903.2	912.5	932.5	960.2	1003.3	1026.3	1047.9
40°	875.5	869.4	866.3	864.8	863.2	869.4	884.8	912.5	946.3	967.9	992.5
42.5°	844.8	838.6	830.9	829.4	826.3	829.4	840.2	866.3	895.6	917.1	937.1
45°	814.0	803.2	794.0	787.8	789.4	784.8	792.5	812.5	846.3	860.2	880.2
47.5°	780.1	767.8	755.5	749.4	743.2	746.3	749.4	766.3	795.5	809.4	829.4
50°	747.8	730.9	717.1	709.4	704.7	701.7	704.7	721.7	743.2	755.5	772.5
52.5°	710.9	694.0	680.1	667.8	661.7	657.0	658.6	674.0	694.0	706.3	723.2
55°	677.0	655.5	637.0	621.7	617.0	615.5	614.0	624.7	641.7	654.0	667.8
57.5°	638.6	617.0	597.0	578.6	569.3	567.8	567.8	570.9	592.4	601.7	609.3
60°	600.1	577.0	555.5	538.6	524.7	520.1	518.6	524.7	535.5	544.7	555.5
62.5°	557.0	533.9	507.8	492.4	478.6	466.2	470.9	472.4	487.8	492.4	501.6
65°	515.5	489.3	467.8	443.2	427.8	420.1	417.0	420.1	432.4	433.9	440.1
67.5°	467.8	443.2	417.0	400.1	386.2	372.4	369.3	369.3	375.5	380.1	387.8
70°	421.6	397.0	367.8	349.3	335.4	323.1	318.5	317.0	321.6	324.7	332.4
72.5°	367.8	343.1	321.6	301.6	284.7	275.4	270.8	267.7	272.4	275.4	277.0
75°	310.8	290.8	269.3	249.3	238.5	229.3	223.1	218.5	221.6	221.6	221.6
77.5°	257.0	237.0	220.0	206.2	192.3	181.6	177.0	172.3	173.9	173.9	177.0
80°	200.0	186.2	172.3	160.0	147.7	138.5	135.4	130.8	127.7	126.2	126.2
82.5°	147.7	136.9	124.6	113.9	107.7	98.5	95.4	89.2	89.2	87.7	87.7
85°	98.5	92.3	80.0	72.3	67.7	63.1	60.0	56.9	52.3	52.3	50.8
87.5°	52.3	49.2	46.2	36.9	36.9	32.3	30.8	29.2	24.6	26.2	26.2
90°	40.2	38.3	36.3	34.4	32.4	29.8	27.2	24.5	21.9	20.6	18.8
92.5°	68.6	67.6	66.7	65.7	64.7	63.1	61.5	59.8	58.2	57.4	55.3
95°	115.7	114.7	113.8	112.8	111.8	109.5	107.2	104.9	102.6	101.5	100.0
97.5°	170.0	168.7	167.4	166.1	164.8	162.2	159.6	156.9	154.3	153.0	151.7
100°	227.7	227.0	226.4	225.7	225.1	222.1	219.2	216.2	213.3	211.8	211.2
102.5°	290.8	289.8	288.9	287.9	286.9	284.3	281.7	279.0	276.4	275.1	274.9
105°	354.0	353.0	352.1	351.1	350.1	348.8	347.5	346.2	344.9	344.3	344.1
107.5°	423.0	421.7	420.4	419.1	417.8	417.5	417.1	416.8	416.5	416.3	416.1
110°	487.3	488.0	488.6	489.3	489.9	490.2	490.6	490.9	491.2	491.4	491.1

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CATALOG NUMBER: S124DIW-B1195D1560UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	562.0	562.0	562.0	562.0	562.0	562.6	563.3	563.9	564.6	564.9	564.9
115°	637.2	637.5	637.8	638.2	638.5	639.1	639.8	640.4	641.1	641.4	641.4
117.5°	708.1	709.1	710.0	711.0	712.0	712.3	712.7	713.0	713.3	713.5	713.5
120°	780.5	782.2	783.8	785.5	787.1	788.1	789.1	790.0	791.0	791.5	790.8
122.5°	856.7	857.7	858.6	859.6	860.6	860.9	861.3	861.6	861.9	862.1	861.9
125°	930.1	930.8	931.4	932.1	932.7	933.0	933.4	933.7	934.0	934.2	934.2
127.5°	999.2	999.9	1000.6	1001.2	1001.9	1002.5	1003.2	1003.8	1004.5	1004.8	1004.3
130°	1072.8	1073.5	1074.1	1074.8	1075.4	1075.4	1075.4	1075.4	1075.4	1075.4	1074.9
132.5°	1141.9	1142.6	1143.3	1143.9	1144.6	1144.9	1145.2	1145.5	1145.8	1146.0	1145.7
135°	1211.1	1211.8	1212.4	1213.1	1213.7	1213.7	1213.7	1213.7	1213.7	1213.7	1212.7
137.5°	1277.5	1278.5	1279.4	1280.4	1281.4	1280.7	1280.1	1279.4	1278.7	1278.4	1277.9
140°	1344.8	1345.1	1345.4	1345.8	1346.1	1346.1	1346.1	1346.1	1346.1	1346.1	1345.8
142.5°	1407.9	1407.9	1407.9	1407.9	1407.9	1408.2	1408.6	1408.9	1409.2	1409.4	1409.1
145°	1469.9	1470.2	1470.5	1470.9	1471.2	1470.9	1470.5	1470.2	1469.9	1469.7	1469.0
147.5°	1527.3	1527.6	1527.9	1528.2	1528.5	1528.8	1529.2	1529.5	1529.8	1530.0	1529.2
150°	1581.5	1581.5	1581.5	1581.5	1581.5	1581.5	1581.5	1581.5	1581.5	1581.5	1580.8
152.5°	1634.0	1633.0	1632.0	1631.0	1630.0	1629.7	1629.4	1629.1	1628.8	1628.6	1628.3
155°	1680.9	1679.6	1678.3	1677.0	1675.7	1676.0	1676.3	1676.6	1676.9	1677.1	1677.1
157.5°	1722.2	1721.2	1720.3	1719.3	1718.3	1718.3	1718.3	1718.3	1718.3	1718.3	1718.6
160°	1760.5	1759.5	1758.6	1757.6	1756.6	1756.9	1757.2	1757.5	1757.8	1758.0	1758.2
162.5°	1796.8	1794.8	1792.9	1790.9	1788.9	1789.2	1789.6	1789.9	1790.2	1790.4	1790.9
165°	1826.2	1824.3	1822.3	1820.4	1818.4	1819.0	1819.7	1820.3	1821.0	1821.3	1821.8
167.5°	1852.7	1850.7	1848.8	1846.8	1844.8	1844.8	1844.8	1844.8	1844.8	1844.8	1845.5
170°	1873.3	1871.3	1869.4	1867.4	1865.4	1865.1	1864.8	1864.5	1864.2	1864.0	1864.8
172.5°	1889.3	1887.0	1884.7	1882.4	1880.1	1880.1	1880.1	1880.1	1880.1	1880.1	1880.8
175°	1899.6	1897.3	1895.0	1892.7	1890.4	1890.7	1891.1	1891.4	1891.7	1891.9	1892.7
177.5°	1907.0	1904.7	1902.4	1900.1	1897.8	1897.8	1897.8	1897.8	1897.8	1897.8	1898.6
180°	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2	1902.2

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1857.3	1857.3	1857.3	1857.3
2.5°	1806.5	1821.9	1835.7	1857.3
5°	1766.5	1788.0	1817.3	1849.6
7.5°	1720.3	1754.2	1792.6	1837.3
10°	1677.2	1715.7	1764.9	1818.8
12.5°	1632.6	1678.8	1732.6	1791.1
15°	1581.8	1628.0	1688.0	1766.5
17.5°	1535.7	1591.1	1655.7	1738.8
20°	1481.8	1534.1	1604.9	1700.3
22.5°	1434.1	1494.1	1572.6	1655.7
25°	1381.8	1434.1	1512.6	1612.6
27.5°	1329.5	1394.1	1469.5	1566.4
30°	1278.7	1332.6	1414.1	1515.7
32.5°	1223.3	1287.9	1363.3	1458.7
35°	1163.3	1224.8	1295.6	1398.7
37.5°	1109.4	1169.4	1241.8	1332.6
40°	1049.4	1112.5	1178.7	1269.5
42.5°	991.0	1047.9	1114.1	1197.1
45°	934.0	983.3	1043.3	1115.6
47.5°	875.5	917.1	972.5	1037.1
50°	812.5	857.1	898.6	952.5
52.5°	754.0	792.5	826.3	870.9
55°	697.1	723.2	750.9	784.8
57.5°	637.0	657.0	677.0	712.4
60°	577.0	595.5	606.3	629.3
62.5°	518.6	526.3	540.1	553.9
65°	453.9	464.7	472.4	489.3
67.5°	395.5	400.1	407.8	418.5
70°	333.9	344.7	347.8	355.5
72.5°	281.6	286.2	289.3	290.8
75°	223.1	227.7	230.8	240.0
77.5°	175.4	173.9	180.0	181.6
80°	129.3	124.6	126.2	132.3
82.5°	84.6	86.2	84.6	84.6
85°	52.3	50.8	47.7	49.2
87.5°	23.1	23.1	21.5	21.5
90°	15.2	11.6	8.0	4.4
92.5°	51.0	46.8	42.5	38.3
95°	97.1	94.2	91.2	88.3
97.5°	149.1	146.4	143.8	141.2
100°	209.9	208.6	207.3	206.0
102.5°	274.6	274.3	273.9	273.6
105°	343.8	343.5	343.1	342.8
107.5°	415.8	415.5	415.2	414.9
110°	490.4	489.7	489.1	488.4

TEST NUMBER: P1032569

CATALOG NUMBER: S124DIW-B1195D1560UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	564.9	564.9	564.9	564.9
115°	641.4	641.4	641.4	641.4
117.5°	713.5	713.5	713.5	713.5
120°	789.5	788.2	786.9	785.6
122.5°	861.6	861.3	860.9	860.6
125°	934.2	934.2	934.2	934.2
127.5°	1003.3	1002.4	1001.4	1000.4
130°	1073.9	1073.0	1072.0	1071.0
132.5°	1145.0	1144.4	1143.7	1143.1
135°	1210.8	1208.8	1206.9	1204.9
137.5°	1276.9	1276.0	1275.0	1274.0
140°	1345.1	1344.5	1343.8	1343.2
142.5°	1408.4	1407.7	1407.1	1406.4
145°	1467.7	1466.4	1465.1	1463.8
147.5°	1527.6	1525.9	1524.3	1522.7
150°	1579.5	1578.2	1576.9	1575.6
152.5°	1627.6	1626.9	1626.3	1625.6
155°	1677.1	1677.1	1677.1	1677.1
157.5°	1719.3	1720.0	1720.6	1721.3
160°	1758.5	1758.8	1759.2	1759.5
162.5°	1791.9	1792.8	1793.8	1794.8
165°	1822.8	1823.7	1824.7	1825.7
167.5°	1846.8	1848.1	1849.4	1850.7
170°	1866.4	1868.1	1869.7	1871.3
172.5°	1882.1	1883.4	1884.7	1886.0
175°	1894.4	1896.0	1897.7	1899.3
177.5°	1900.3	1901.9	1903.6	1905.2
180°	1902.2	1902.2	1902.2	1902.2

(END OF REPORT)