

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: P1026725

Luminaire Tested: S125DIP-B1090D610UB2750-4F0-XX-W2A-A_3000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1026725
REPORT IS A COMBINATION OF REPORTS P1001409 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B1090D610UB2750-4F0-XX-W2A-A_3000K
Description: Define 5 Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

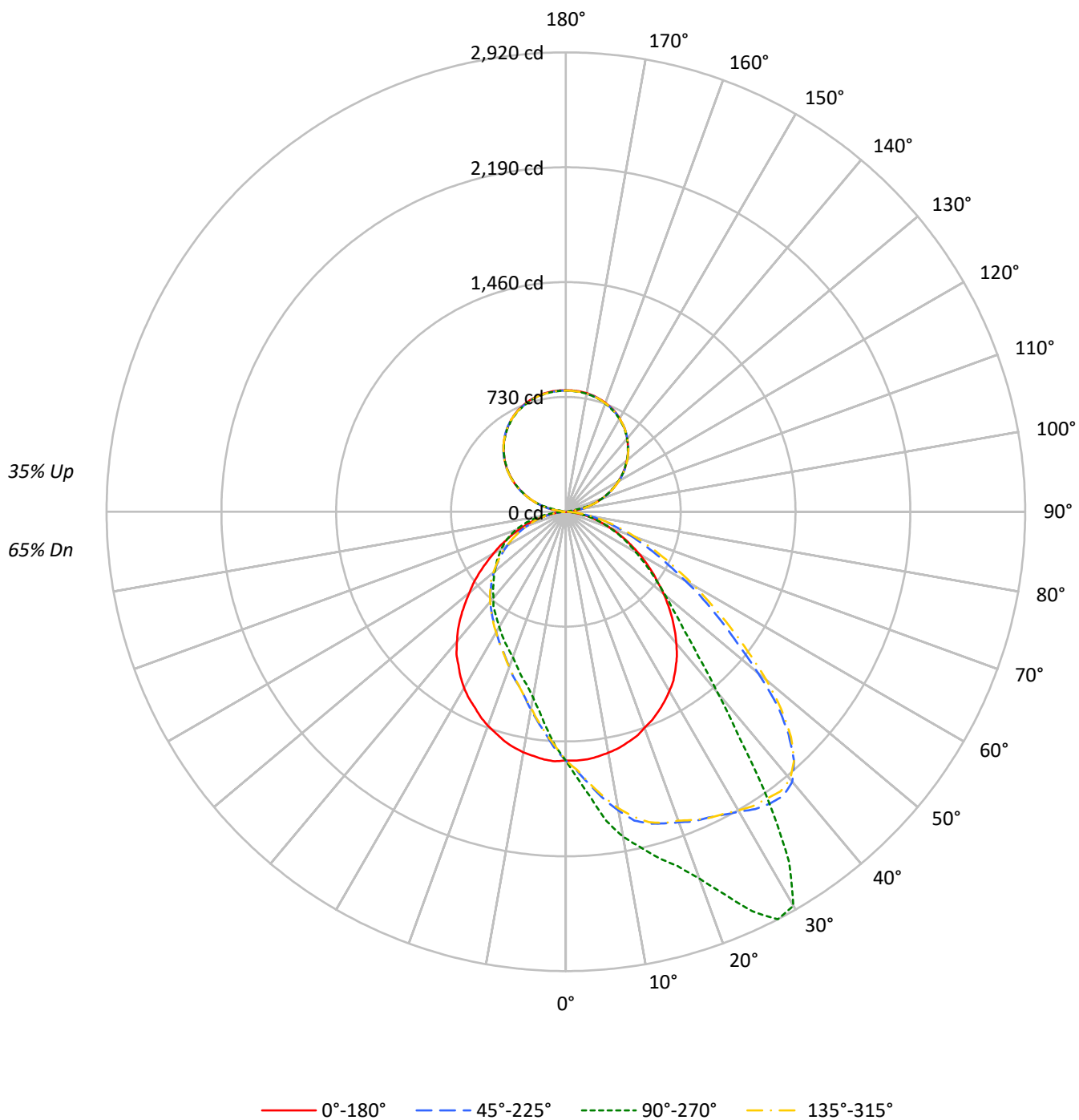
Lumens per Lamp: N/A
Luminaire Lumens: 6831.0 lumens
Efficiency: N/A
Efficacy: 109.8 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 62.2
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	111	111	111	111	104	104	104	104	92	92	92	81	81	81	70	70	70
1	102	97	93	90	95	92	88	85	81	79	76	71	70	68	63	61	60
2	93	85	79	74	87	80	75	70	71	67	64	63	60	57	55	53	51
3	85	75	68	62	79	71	64	59	63	58	54	56	52	49	49	46	44
4	78	67	59	53	73	63	56	50	56	51	46	50	46	42	44	41	38
5	71	60	51	45	67	56	49	43	51	45	40	45	40	36	40	36	33
6	66	54	45	39	62	51	43	38	46	40	35	41	36	32	36	32	29
7	61	49	40	35	57	46	39	33	41	35	31	37	32	28	33	29	26
8	57	44	36	31	53	42	35	30	38	32	28	34	29	25	30	26	23
9	53	40	33	28	50	38	31	27	35	29	25	31	26	23	28	24	21
10	49	37	30	25	47	35	29	24	32	26	22	29	24	21	26	22	19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10129	10129	10129	10129
5°	10136	11491	10145	8717
10°	10075	13096	10057	7483
15°	10001	14200	9939	6761
20°	9874	15561	9784	6172
25°	9762	17830	9584	5823
30°	9601	18810	9435	5508
35°	9347	15079	9151	5254
40°	8949	10422	8817	4986
45°	8447	7759	8352	4764
50°	7872	6387	7741	4585
55°	7251	5448	7194	4430
60°	6642	4663	6527	4310
65°	5986	4027	5889	4135
70°	5292	3343	5222	3830
75°	4558	2586	4497	3324
80°	3600	1749	3471	2444
85°	2304	875	2224	1246

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 15471 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	152.2	2.2
10°-20°	453.2	6.6
20°-30°	736.1	10.8
30°-40°	899.7	13.2
40°-50°	816.1	11.9
50°-60°	650.0	9.5
60°-70°	452.7	6.6
70°-80°	241.2	3.5
80°-90°	60.9	0.9
90°-100°	26.2	0.4
100°-110°	174.1	2.5
110°-120°	313.4	4.6
120°-130°	402.3	5.9
130°-140°	432.7	6.3
140°-150°	406.1	5.9
150°-160°	328.5	4.8
160°-170°	212.4	3.1
170°-180°	73.3	1.1
0°-30°	1341.5	19.6
0°-40°	2241.2	32.8
0°-60°	3707.3	54.3
0°-90°	4462.1	65.3
90°-120°	513.6	7.5
90°-150°	1754.7	25.7
90°-180°	2369.0	34.7
0°-180°	6831.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1581	1581	1581	1581	1581	
5°	1580	1824	1581	1384	1580	150
15°	1518	2277	1508	1084	1518	428
25°	1397	2802	1372	915	1397	643
35°	1216	2249	1190	784	1216	759
45°	956	1060	945	651	956	736
55°	672	654	667	531	672	601
65°	416	401	409	412	416	413
75°	201	197	199	254	201	214
85°	40	44	39	63	40	48
90°	1	14	1	14	1	4
95°	33	12	33	12	33	40
105°	168	170	168	170	168	178
115°	316	313	316	313	316	313
125°	449	449	449	449	449	401
135°	560	557	560	557	560	431
145°	649	647	649	647	649	406
155°	715	709	715	709	715	329
165°	754	750	754	750	754	213
175°	771	768	771	768	771	73
180°	771	771	771	771	771	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9
2.5°	1583.6	1593.0	1603.7	1611.7	1625.2	1629.2	1635.9	1639.9	1643.9	1648.0	1650.7
5°	1579.5	1602.3	1622.5	1637.2	1662.7	1672.1	1684.2	1699.0	1716.4	1731.2	1740.6
7.5°	1568.8	1605.0	1631.9	1661.4	1696.3	1719.1	1731.2	1762.0	1790.2	1811.7	1839.9
10°	1555.4	1598.3	1639.9	1684.2	1733.9	1759.4	1783.5	1826.5	1865.4	1900.3	1928.5
12.5°	1540.6	1593.0	1642.6	1700.3	1767.4	1798.3	1814.4	1888.2	1936.5	1955.3	2010.3
15°	1517.8	1579.5	1650.7	1721.8	1778.1	1814.4	1858.7	1917.7	1966.0	2007.6	2051.9
17.5°	1496.3	1563.4	1635.9	1715.1	1796.9	1843.9	1877.5	1929.8	1982.1	2035.8	2077.4
20°	1461.4	1548.7	1622.5	1707.0	1803.6	1837.2	1872.1	1933.8	1990.2	2047.9	2100.2
22.5°	1433.3	1516.5	1617.1	1697.6	1779.5	1813.0	1856.0	1920.4	1987.5	2053.3	2129.8
25°	1397.0	1489.6	1576.8	1662.7	1747.3	1783.5	1822.4	1905.6	1975.4	2060.0	2144.5
27.5°	1358.1	1453.4	1540.6	1618.5	1697.6	1747.3	1788.9	1876.1	1968.7	2061.3	2171.4
30°	1316.5	1406.4	1489.6	1566.1	1653.3	1704.3	1745.9	1847.9	1951.3	2069.4	2200.9
32.5°	1272.2	1356.8	1427.9	1505.7	1598.3	1645.3	1701.7	1813.0	1935.2	2076.1	2241.1
35°	1215.9	1296.4	1359.4	1438.6	1531.2	1591.6	1650.7	1775.5	1917.7	2074.7	2264.0
37.5°	1159.5	1222.6	1283.0	1367.5	1474.9	1529.9	1591.6	1728.5	1890.9	2070.7	2273.3
40°	1092.4	1154.1	1206.5	1292.3	1405.1	1468.1	1532.6	1676.2	1860.0	2055.9	2239.8
42.5°	1025.3	1077.6	1135.3	1225.2	1333.9	1401.0	1469.5	1629.2	1819.8	2013.0	2147.2
45°	955.5	995.8	1058.8	1140.7	1256.1	1320.5	1398.4	1571.5	1763.4	1935.2	2002.3
47.5°	883.0	923.3	982.3	1061.5	1175.6	1252.1	1325.9	1499.0	1692.3	1825.1	1825.1
50°	813.3	845.5	903.2	982.3	1097.8	1167.5	1242.7	1426.5	1582.2	1680.2	1593.0
52.5°	738.1	774.3	822.6	905.8	1019.9	1083.0	1164.9	1321.9	1469.5	1509.7	1375.5
55°	672.3	701.9	747.5	826.7	932.7	998.4	1068.2	1218.5	1343.3	1340.7	1197.1
57.5°	603.9	628.1	676.4	748.8	846.8	905.8	975.6	1105.8	1207.8	1171.6	1036.0
60°	540.8	558.3	605.2	664.3	758.2	813.3	880.4	986.4	1064.2	1013.2	876.3
62.5°	475.1	495.2	532.8	590.5	673.7	718.0	767.6	875.0	924.6	879.0	739.4
65°	416.0	432.1	465.7	514.0	589.1	629.4	672.3	760.9	807.9	742.1	626.7
67.5°	357.0	375.8	399.9	442.9	501.9	539.5	577.1	653.6	675.0	616.0	519.4
70°	301.9	318.1	340.9	371.7	421.4	454.9	483.1	546.2	561.0	505.9	429.4
72.5°	248.3	259.0	277.8	303.3	348.9	367.7	397.2	440.2	459.0	409.3	354.3
75°	201.3	209.4	221.4	240.2	271.1	291.2	315.4	355.6	354.3	319.4	280.5
77.5°	155.7	157.0	170.4	187.9	206.7	224.1	236.2	264.4	267.1	245.6	213.4
80°	111.4	115.4	120.8	134.2	150.3	157.0	171.8	189.2	191.9	175.8	154.3
82.5°	71.1	73.8	77.8	85.9	96.6	104.7	112.7	119.4	126.1	116.8	99.3
85°	40.3	41.6	45.6	48.3	53.7	57.7	64.4	71.1	69.8	63.1	57.7
87.5°	20.1	20.1	20.1	22.8	25.5	25.5	28.2	29.5	30.9	28.2	25.5
90°	0.6	1.6	2.6	3.6	4.6	5.1	5.5	6.4	7.3	8.2	9.1
92.5°	10.9	9.7	8.6	7.4	6.3	5.7	6.1	6.8	7.6	8.3	9.1
95°	32.6	32.2	31.8	31.5	31.1	30.9	28.5	23.6	18.8	13.9	9.1
97.5°	61.2	62.0	62.7	63.5	64.2	64.6	58.6	46.5	34.4	22.4	10.3
100°	95.5	95.9	96.3	96.6	97.0	97.2	97.5	98.0	98.5	99.0	99.5
102.5°	130.3	130.8	131.3	131.8	132.3	132.6	132.7	133.0	133.3	133.5	133.8
105°	168.1	168.6	169.1	169.6	170.1	170.4	170.4	170.4	170.4	170.4	170.4
107.5°	206.9	206.9	206.9	206.9	206.9	206.9	207.0	207.3	207.6	207.8	208.1
110°	244.7	244.7	244.7	244.7	244.7	244.7	244.8	245.1	245.3	245.6	245.8

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	280.1	280.5	280.9	281.2	281.6	281.8	281.9	282.0	282.1	282.3	282.4
115°	315.6	316.2	316.8	317.5	318.1	318.4	318.5	318.6	318.7	318.9	319.0
117.5°	352.7	352.7	352.7	352.7	352.7	352.7	353.0	353.5	354.0	354.5	355.0
120°	387.0	386.9	386.7	386.6	386.5	386.4	386.6	387.0	387.4	387.8	388.2
122.5°	417.3	417.9	418.6	419.2	419.9	420.2	420.3	420.4	420.5	420.6	420.7
125°	448.8	449.7	450.6	451.5	452.4	452.8	452.8	452.8	452.8	452.8	452.8
127.5°	479.0	479.6	480.3	480.9	481.6	481.9	481.8	481.7	481.6	481.4	481.3
130°	506.5	507.1	507.7	508.4	509.0	509.3	509.4	509.5	509.6	509.8	509.9
132.5°	533.9	534.7	535.5	536.2	537.0	537.4	537.2	536.8	536.4	536.0	535.6
135°	559.7	560.5	561.2	562.0	562.7	563.1	563.0	562.7	562.4	562.2	561.9
137.5°	583.7	584.5	585.2	586.0	586.7	587.1	587.0	586.7	586.4	586.2	585.9
140°	607.1	607.3	607.6	607.8	608.1	608.2	608.1	608.0	607.9	607.8	607.7
142.5°	628.3	628.4	628.5	628.6	628.7	628.8	628.9	629.2	629.5	629.7	630.0
145°	648.8	649.1	649.3	649.6	649.9	650.0	650.0	650.0	650.0	650.0	650.0
147.5°	667.1	667.1	667.1	667.1	667.1	667.1	667.2	667.3	667.4	667.6	667.7
150°	684.3	684.0	683.8	683.5	683.2	683.1	683.2	683.5	683.8	684.0	684.3
152.5°	700.9	700.3	699.6	699.0	698.3	698.0	698.1	698.4	698.6	698.9	699.1
155°	714.6	713.8	713.0	712.3	711.5	711.1	711.2	711.5	711.8	712.0	712.3
157.5°	725.4	725.0	724.6	724.3	723.9	723.7	723.7	723.7	723.7	723.7	723.7
160°	736.9	736.1	735.3	734.6	733.8	733.4	733.5	733.6	733.7	733.9	734.0
162.5°	746.0	745.2	744.5	743.7	743.0	742.6	742.7	742.8	742.9	743.1	743.2
165°	754.0	753.2	752.5	751.7	751.0	750.6	750.7	750.8	750.9	751.1	751.2
167.5°	760.3	759.5	758.8	758.0	757.3	756.9	757.0	757.1	757.2	757.3	757.4
170°	765.4	764.5	763.6	762.7	761.8	761.4	761.5	761.6	761.7	761.9	762.0
172.5°	768.9	768.0	767.1	766.2	765.3	764.9	765.0	765.3	765.5	765.8	766.0
175°	771.2	770.4	769.6	768.9	768.1	767.7	767.8	767.9	768.0	768.2	768.3
177.5°	772.9	772.1	771.4	770.6	769.9	769.5	769.6	769.7	769.8	769.9	770.0
180°	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9
2.5°	1653.3	1662.7	1670.8	1677.5	1682.9	1690.9	1685.6	1686.9	1689.6	1694.9	1694.9
5°	1760.7	1775.5	1783.5	1810.4	1817.1	1815.7	1811.7	1833.2	1831.8	1823.8	1822.4
7.5°	1865.4	1890.9	1913.7	1935.2	1941.9	1959.3	1963.3	1972.7	1970.1	1983.5	1976.8
10°	1960.7	2000.9	2022.4	2054.6	2062.7	2070.7	2081.4	2086.8	2098.9	2097.5	2097.5
12.5°	2034.5	2082.8	2111.0	2119.0	2149.9	2159.3	2168.7	2186.1	2182.1	2183.4	2191.5
15°	2092.2	2139.1	2163.3	2200.9	2222.4	2233.1	2249.2	2268.0	2265.3	2277.4	2274.7
17.5°	2135.1	2179.4	2223.7	2280.1	2281.4	2309.6	2347.2	2355.2	2372.7	2360.6	2360.6
20°	2170.0	2229.1	2292.1	2364.6	2372.7	2390.1	2435.7	2466.6	2486.7	2480.0	2484.0
22.5°	2207.6	2292.1	2365.9	2438.4	2477.3	2508.2	2552.5	2600.8	2618.2	2629.0	2626.3
25°	2255.9	2344.5	2453.2	2553.8	2594.1	2653.1	2712.2	2759.1	2772.6	2802.1	2775.3
27.5°	2305.6	2430.4	2565.9	2684.0	2735.0	2783.3	2854.4	2889.3	2906.8	2920.2	2910.8
30°	2347.2	2518.9	2666.6	2775.3	2811.5	2839.7	2879.9	2888.0	2881.3	2892.0	2905.4
32.5°	2411.6	2579.3	2704.1	2756.5	2752.4	2751.1	2720.2	2677.3	2667.9	2642.4	2677.3
35°	2446.5	2580.7	2629.0	2559.2	2531.0	2480.0	2382.0	2317.6	2261.3	2249.2	2251.9
37.5°	2426.3	2478.7	2421.0	2237.1	2191.5	2113.6	1983.5	1892.2	1850.6	1818.4	1860.0
40°	2317.6	2259.9	2101.6	1877.5	1811.7	1737.9	1615.8	1566.1	1507.1	1495.0	1550.0
42.5°	2137.8	1962.0	1737.9	1564.8	1496.3	1454.7	1352.7	1305.8	1264.2	1245.4	1276.2
45°	1893.6	1680.2	1454.7	1312.5	1254.8	1205.1	1144.7	1095.1	1068.2	1060.2	1085.7
47.5°	1641.3	1415.8	1236.0	1130.0	1069.6	1032.0	975.6	947.5	926.0	928.7	932.7
50°	1399.7	1194.4	1056.2	950.1	920.6	891.1	853.5	829.4	818.6	822.6	820.0
52.5°	1191.7	1025.3	908.5	826.7	813.3	785.1	754.2	734.1	730.0	731.4	735.4
55°	1009.2	879.0	786.4	727.4	712.6	692.5	673.7	660.3	649.5	653.6	652.2
57.5°	871.0	756.9	685.8	637.4	626.7	614.6	597.2	590.5	586.5	578.4	585.1
60°	748.8	656.2	594.5	565.0	555.6	547.5	528.7	520.7	518.0	514.0	524.7
62.5°	633.4	567.7	520.7	493.9	484.5	476.4	467.0	460.3	461.6	456.3	461.6
65°	542.2	488.5	454.9	430.8	418.7	413.3	412.0	401.3	399.9	401.3	402.6
67.5°	457.6	412.0	386.5	371.7	362.3	357.0	352.9	346.2	351.6	347.6	350.3
70°	381.1	350.3	323.4	308.7	304.6	306.0	299.3	296.6	297.9	295.2	297.9
72.5°	307.3	281.8	271.1	260.3	255.0	253.6	249.6	245.6	249.6	248.3	248.3
75°	245.6	226.8	214.7	208.0	208.0	205.3	198.6	198.6	198.6	197.3	198.6
77.5°	189.2	173.1	167.7	161.0	161.0	157.0	155.7	155.7	153.0	157.0	154.3
80°	140.9	128.8	120.8	116.8	116.8	115.4	112.7	111.4	112.7	111.4	111.4
82.5°	91.3	85.9	81.9	77.8	76.5	77.8	76.5	73.8	75.2	73.8	76.5
85°	52.3	47.0	47.0	44.3	45.6	42.9	44.3	41.6	40.3	44.3	41.6
87.5°	22.8	21.5	21.5	18.8	18.8	18.8	17.4	18.8	17.4	16.1	17.4
90°	9.7	10.4	11.0	11.7	12.0	12.2	12.6	12.9	13.3	13.7	13.3
92.5°	9.7	10.4	11.0	11.7	12.0	12.1	12.2	12.3	12.5	12.6	12.5
95°	9.7	10.4	11.0	11.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0
97.5°	10.5	10.8	11.0	11.3	11.4	11.5	11.6	11.7	11.9	12.0	11.9
100°	80.6	61.6	42.7	23.8	14.3	14.0	13.5	13.0	12.5	12.0	12.5
102.5°	134.0	134.3	134.5	134.8	134.9	129.6	118.9	108.2	97.6	86.9	97.6
105°	170.4	170.4	170.4	170.4	170.4	170.3	170.2	170.1	169.9	169.8	169.9
107.5°	208.2	208.4	208.5	208.6	208.7	208.4	207.9	207.4	206.9	206.4	206.9
110°	245.4	245.0	244.7	244.3	244.1	244.2	244.3	244.4	244.6	244.7	244.6

TEST NUMBER: P1026725

CATALOG NUMBER: S125DIP-B1090D610UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	281.9	281.4	280.9	280.4	280.1	280.0	279.7	279.5	279.2	279.0	279.2
115°	318.5	318.0	317.5	317.0	316.7	316.3	315.6	314.8	314.1	313.3	314.1
117.5°	354.2	353.5	352.7	352.0	351.6	351.5	351.2	350.9	350.7	350.4	350.7
120°	387.9	387.7	387.4	387.1	387.0	386.7	386.1	385.4	384.8	384.2	384.8
122.5°	420.5	420.2	420.0	419.7	419.6	419.2	418.5	417.7	417.0	416.2	417.0
125°	452.3	451.8	451.3	450.8	450.5	450.3	449.9	449.6	449.2	448.8	449.2
127.5°	481.1	480.8	480.6	480.3	480.2	479.7	478.7	477.6	476.6	475.6	476.6
130°	509.5	509.1	508.8	508.4	508.2	507.9	507.2	506.6	505.9	505.3	505.9
132.5°	535.6	535.6	535.6	535.6	535.6	535.3	534.7	534.0	533.4	532.8	533.4
135°	561.7	561.4	561.2	560.9	560.8	560.4	559.7	558.9	558.2	557.4	558.2
137.5°	585.9	585.9	585.9	585.9	585.9	585.6	585.0	584.3	583.7	583.1	583.7
140°	607.9	608.2	608.4	608.7	608.8	608.4	607.7	606.9	606.2	605.4	606.2
142.5°	630.0	630.0	630.0	630.0	630.0	629.6	628.8	628.1	627.3	626.5	627.3
145°	650.1	650.2	650.3	650.4	650.5	650.1	649.4	648.6	647.9	647.1	647.9
147.5°	667.8	668.0	668.1	668.2	668.3	667.9	667.0	666.1	665.2	664.3	665.2
150°	684.5	684.8	685.0	685.3	685.4	684.9	683.9	682.8	681.8	680.8	681.8
152.5°	699.4	699.6	699.9	700.2	700.3	699.9	699.0	698.1	697.2	696.3	697.2
155°	712.7	713.1	713.4	713.8	714.0	713.5	712.5	711.4	710.4	709.4	710.4
157.5°	724.1	724.5	724.8	725.2	725.4	724.9	723.9	722.9	721.9	720.9	721.9
160°	734.5	735.0	735.5	736.0	736.3	735.8	734.8	733.7	732.7	731.7	732.7
162.5°	744.0	744.7	745.5	746.2	746.6	746.0	744.9	743.7	742.6	741.4	742.6
165°	752.0	752.7	753.5	754.2	754.6	754.1	753.1	752.0	751.0	750.0	751.0
167.5°	758.3	759.2	760.1	761.0	761.4	760.8	759.7	758.6	757.4	756.3	757.4
170°	763.0	764.0	765.1	766.1	766.6	766.0	764.9	763.7	762.6	761.4	762.6
172.5°	766.9	767.8	768.7	769.6	770.0	769.4	768.3	767.2	766.0	764.9	766.0
175°	769.3	770.3	771.4	772.4	772.9	772.3	771.2	770.0	768.9	767.7	768.9
177.5°	770.9	771.8	772.7	773.6	774.0	773.5	772.5	771.5	770.5	769.5	770.5
180°	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2

TEST NUMBER: P1026725

CATALOG NUMBER: S125DIP-B1090D610UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9
2.5°	1692.3	1682.9	1685.6	1682.9	1676.2	1672.1	1661.4	1648.0	1642.6	1635.9	1631.9
5°	1827.8	1821.1	1819.8	1809.0	1806.3	1790.2	1763.4	1750.0	1733.9	1717.8	1701.7
7.5°	1975.4	1967.4	1940.5	1936.5	1939.2	1919.1	1884.2	1857.3	1823.8	1801.0	1770.1
10°	2097.5	2081.4	2058.6	2060.0	2050.6	2023.7	1988.8	1960.7	1912.3	1882.8	1838.5
12.5°	2171.4	2157.9	2155.3	2141.8	2133.8	2098.9	2057.3	2021.1	1984.8	1944.6	1911.0
15°	2261.3	2243.8	2231.7	2213.0	2207.6	2171.4	2125.7	2084.1	2042.5	2004.9	1933.8
17.5°	2360.6	2341.8	2296.2	2292.1	2259.9	2225.0	2180.7	2119.0	2074.7	2021.1	1968.7
20°	2473.3	2446.5	2387.4	2372.7	2347.2	2289.5	2229.1	2160.6	2089.5	2034.5	1972.7
22.5°	2599.5	2552.5	2509.5	2462.6	2443.8	2372.7	2289.5	2206.2	2120.4	2045.2	1971.4
25°	2763.2	2701.4	2641.1	2594.1	2561.9	2469.3	2357.9	2247.8	2148.5	2050.6	1954.0
27.5°	2892.0	2838.3	2772.6	2710.8	2669.2	2559.2	2431.7	2289.5	2166.0	2046.5	1943.2
30°	2901.4	2885.3	2845.0	2811.5	2765.9	2647.8	2506.9	2345.8	2192.8	2047.9	1921.7
32.5°	2725.6	2757.8	2775.3	2780.6	2771.2	2702.8	2574.0	2396.8	2217.0	2035.8	1903.0
35°	2347.2	2433.0	2539.1	2579.3	2618.2	2654.5	2587.4	2433.0	2225.0	2033.1	1873.4
37.5°	1932.5	2010.3	2186.1	2266.6	2312.3	2455.9	2510.9	2427.7	2241.1	2035.8	1845.2
40°	1559.4	1682.9	1809.0	1917.7	1988.8	2149.9	2320.3	2339.1	2218.3	2010.3	1809.0
42.5°	1312.5	1384.9	1480.2	1580.9	1643.9	1834.5	2065.3	2200.9	2147.2	1968.7	1764.7
45°	1117.9	1171.6	1261.5	1295.0	1375.5	1558.1	1802.3	1998.2	2025.1	1903.0	1713.7
47.5°	959.5	1005.2	1062.9	1104.5	1168.9	1305.8	1512.4	1728.5	1857.3	1813.0	1642.6
50°	845.5	883.0	931.3	955.5	997.1	1120.6	1276.2	1491.0	1664.1	1678.8	1550.0
52.5°	750.2	771.6	809.2	836.1	869.6	944.8	1085.7	1262.8	1457.4	1537.9	1435.9
55°	667.0	684.4	718.0	735.4	752.9	817.3	927.3	1088.4	1270.9	1376.9	1319.2
57.5°	591.8	606.6	634.8	650.9	660.3	722.0	806.5	932.7	1096.4	1225.2	1193.0
60°	530.1	543.5	559.6	571.7	582.4	633.4	692.5	794.5	940.7	1065.5	1057.5
62.5°	464.3	476.4	493.9	505.9	515.3	547.5	597.2	675.0	799.8	915.2	938.1
65°	406.6	416.0	428.1	433.5	445.5	469.7	510.0	579.7	681.7	785.1	801.2
67.5°	354.3	357.0	365.0	377.1	379.8	401.3	437.5	489.8	569.0	653.6	679.1
70°	297.9	301.9	308.7	318.1	323.4	336.8	367.7	402.6	471.0	544.9	563.6
72.5°	248.3	253.6	256.3	261.7	264.4	285.8	299.3	334.2	381.1	442.9	463.0
75°	201.3	206.7	208.0	210.7	213.4	222.8	241.6	263.0	301.9	342.2	369.0
77.5°	159.7	158.4	161.0	165.1	163.7	171.8	183.9	202.6	228.1	261.7	279.1
80°	112.7	112.7	116.8	120.8	119.4	127.5	131.5	144.9	166.4	187.9	194.6
82.5°	75.2	75.2	79.2	79.2	81.9	83.2	88.6	95.3	112.7	123.5	127.5
85°	42.9	42.9	44.3	44.3	44.3	47.0	51.0	53.7	59.0	65.8	68.4
87.5°	17.4	18.8	18.8	18.8	18.8	21.5	21.5	24.2	25.5	28.2	28.2
90°	12.9	12.6	12.2	12.0	11.7	11.0	10.4	9.7	9.1	8.2	7.3
92.5°	12.3	12.2	12.1	12.0	11.7	11.0	10.4	9.7	9.1	8.3	7.6
95°	12.0	12.0	12.0	12.0	11.7	11.0	10.4	9.7	9.1	13.9	18.8
97.5°	11.7	11.6	11.5	11.4	11.3	11.0	10.8	10.5	10.3	22.4	34.4
100°	13.0	13.5	14.0	14.3	23.8	42.7	61.6	80.6	99.5	99.0	98.5
102.5°	108.2	118.9	129.6	134.9	134.8	134.5	134.3	134.0	133.8	133.5	133.3
105°	170.1	170.2	170.3	170.4	170.4	170.4	170.4	170.4	170.4	170.4	170.4
107.5°	207.4	207.9	208.4	208.7	208.6	208.5	208.4	208.2	208.1	207.8	207.6
110°	244.4	244.3	244.2	244.1	244.3	244.7	245.0	245.4	245.8	245.6	245.3

TEST NUMBER: P1026725

CATALOG NUMBER: S125DIP-B1090D610UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	279.5	279.7	280.0	280.1	280.4	280.9	281.4	281.9	282.4	282.3	282.1
115°	314.8	315.6	316.3	316.7	317.0	317.5	318.0	318.5	319.0	318.9	318.7
117.5°	350.9	351.2	351.5	351.6	352.0	352.7	353.5	354.2	355.0	354.5	354.0
120°	385.4	386.1	386.7	387.0	387.1	387.4	387.7	387.9	388.2	387.8	387.4
122.5°	417.7	418.5	419.2	419.6	419.7	420.0	420.2	420.5	420.7	420.6	420.5
125°	449.6	449.9	450.3	450.5	450.8	451.3	451.8	452.3	452.8	452.8	452.8
127.5°	477.6	478.7	479.7	480.2	480.3	480.6	480.8	481.1	481.3	481.4	481.6
130°	506.6	507.2	507.9	508.2	508.4	508.8	509.1	509.5	509.9	509.8	509.6
132.5°	534.0	534.7	535.3	535.6	535.6	535.6	535.6	535.6	535.6	536.0	536.4
135°	558.9	559.7	560.4	560.8	560.9	561.2	561.4	561.7	561.9	562.2	562.4
137.5°	584.3	585.0	585.6	585.9	585.9	585.9	585.9	585.9	585.9	586.2	586.4
140°	606.9	607.7	608.4	608.8	608.7	608.4	608.2	607.9	607.7	607.8	607.9
142.5°	628.1	628.8	629.6	630.0	630.0	630.0	630.0	630.0	630.0	629.7	629.5
145°	648.6	649.4	650.1	650.5	650.4	650.3	650.2	650.1	650.0	650.0	650.0
147.5°	666.1	667.0	667.9	668.3	668.2	668.1	668.0	667.8	667.7	667.6	667.4
150°	682.8	683.9	684.9	685.4	685.3	685.0	684.8	684.5	684.3	684.0	683.8
152.5°	698.1	699.0	699.9	700.3	700.2	699.9	699.6	699.4	699.1	698.9	698.6
155°	711.4	712.5	713.5	714.0	713.8	713.4	713.1	712.7	712.3	712.0	711.8
157.5°	722.9	723.9	724.9	725.4	725.2	724.8	724.5	724.1	723.7	723.7	723.7
160°	733.7	734.8	735.8	736.3	736.0	735.5	735.0	734.5	734.0	733.9	733.7
162.5°	743.7	744.9	746.0	746.6	746.2	745.5	744.7	744.0	743.2	743.1	742.9
165°	752.0	753.1	754.1	754.6	754.2	753.5	752.7	752.0	751.2	751.1	750.9
167.5°	758.6	759.7	760.8	761.4	761.0	760.1	759.2	758.3	757.4	757.3	757.2
170°	763.7	764.9	766.0	766.6	766.1	765.1	764.0	763.0	762.0	761.9	761.7
172.5°	767.2	768.3	769.4	770.0	769.6	768.7	767.8	766.9	766.0	765.8	765.5
175°	770.0	771.2	772.3	772.9	772.4	771.4	770.3	769.3	768.3	768.2	768.0
177.5°	771.5	772.5	773.5	774.0	773.6	772.7	771.8	770.9	770.0	769.9	769.8
180°	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2

TEST NUMBER: P1026725

CATALOG NUMBER: S125DIP-B1090D610UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9
2.5°	1626.5	1619.8	1611.7	1611.7	1602.3	1598.3	1590.3	1587.6	1580.9	1570.1	1562.1
5°	1684.2	1666.8	1656.0	1646.6	1626.5	1611.7	1597.0	1580.9	1564.8	1546.0	1524.5
7.5°	1740.6	1708.4	1693.6	1677.5	1648.0	1617.1	1587.6	1566.1	1544.6	1515.1	1488.3
10°	1799.6	1759.4	1732.5	1711.0	1665.4	1626.5	1583.6	1552.7	1519.1	1481.6	1446.7
12.5°	1849.3	1796.9	1774.1	1733.9	1681.5	1634.6	1580.9	1533.9	1489.6	1445.3	1402.4
15°	1890.9	1841.2	1784.9	1768.8	1696.3	1629.2	1568.8	1508.4	1453.4	1409.1	1359.4
17.5°	1904.3	1841.2	1813.0	1774.1	1688.2	1618.5	1542.0	1476.2	1423.9	1358.1	1319.2
20°	1908.3	1847.9	1809.0	1772.8	1696.3	1603.7	1528.5	1448.0	1384.9	1319.2	1257.5
22.5°	1897.6	1826.5	1788.9	1754.0	1668.1	1588.9	1501.7	1413.1	1339.3	1278.9	1217.2
25°	1877.5	1794.3	1758.0	1720.4	1638.6	1551.4	1456.1	1371.5	1303.1	1230.6	1170.2
27.5°	1850.6	1755.3	1713.7	1674.8	1594.3	1512.4	1422.5	1335.3	1258.8	1182.3	1125.9
30°	1817.1	1707.0	1669.4	1618.5	1540.6	1462.8	1380.9	1293.7	1207.8	1135.3	1073.6
32.5°	1774.1	1658.7	1609.1	1560.7	1476.2	1405.1	1327.2	1245.4	1162.2	1091.0	1026.6
35°	1735.2	1603.7	1548.7	1500.4	1406.4	1331.3	1266.8	1190.4	1116.5	1042.7	985.0
37.5°	1682.9	1548.7	1482.9	1433.3	1338.0	1261.5	1201.1	1142.0	1064.2	993.1	939.4
40°	1627.8	1480.2	1418.5	1368.8	1269.5	1186.3	1128.6	1076.3	1013.2	947.5	891.1
42.5°	1578.2	1414.5	1348.7	1288.3	1187.7	1113.9	1054.8	1014.6	956.8	897.8	846.8
45°	1515.1	1344.7	1273.6	1210.5	1113.9	1033.3	977.0	944.8	901.8	844.1	799.8
47.5°	1450.7	1269.5	1195.7	1134.0	1029.3	958.2	903.2	872.3	842.8	797.1	752.9
50°	1366.2	1190.4	1123.3	1052.1	948.8	876.3	830.7	799.8	777.0	744.8	707.2
52.5°	1273.6	1108.5	1036.0	974.3	872.3	806.5	754.2	736.8	713.9	689.8	657.6
55°	1175.6	1019.9	950.1	889.7	795.8	728.7	685.8	667.0	649.5	630.7	609.3
57.5°	1077.6	927.3	861.6	807.9	720.7	656.2	621.3	595.8	583.8	573.0	555.6
60°	955.5	828.0	777.0	728.7	642.8	583.8	550.2	531.4	520.7	515.3	507.3
62.5°	848.1	743.5	687.1	640.1	571.7	519.4	487.1	472.4	463.0	460.3	450.9
65°	734.1	644.2	599.9	559.6	500.6	453.6	426.8	409.3	402.6	401.3	401.3
67.5°	626.7	554.2	510.0	481.8	430.8	389.2	363.7	357.0	352.9	347.6	346.2
70°	526.1	468.4	429.4	405.3	359.7	328.8	308.7	297.9	297.9	293.9	291.2
72.5°	437.5	379.8	354.3	334.2	296.6	269.7	255.0	252.3	242.9	241.6	241.6
75°	342.2	299.3	281.8	264.4	236.2	217.4	205.3	198.6	193.2	193.2	194.6
77.5°	257.7	228.1	212.0	198.6	178.5	166.4	157.0	154.3	149.0	149.0	149.0
80°	182.5	166.4	154.3	143.6	128.8	118.1	112.7	107.4	107.4	106.0	107.4
82.5°	118.1	104.7	98.0	96.6	83.2	79.2	72.5	73.8	69.8	68.4	71.1
85°	68.4	61.7	53.7	51.0	45.6	40.3	37.6	38.9	37.6	36.2	37.6
87.5°	26.8	22.8	21.5	21.5	17.4	16.1	14.8	16.1	13.4	13.4	14.8
90°	6.4	5.5	5.1	4.6	3.6	2.6	1.6	0.6	1.6	2.6	3.6
92.5°	6.8	6.1	5.7	6.3	7.4	8.6	9.7	10.9	9.7	8.6	7.4
95°	23.6	28.5	30.9	31.1	31.5	31.8	32.2	32.6	32.2	31.8	31.5
97.5°	46.5	58.6	64.6	64.2	63.5	62.7	62.0	61.2	62.0	62.7	63.5
100°	98.0	97.5	97.2	97.0	96.6	96.3	95.9	95.5	95.9	96.3	96.6
102.5°	133.0	132.7	132.6	132.3	131.8	131.3	130.8	130.3	130.8	131.3	131.8
105°	170.4	170.4	170.4	170.1	169.6	169.1	168.6	168.1	168.6	169.1	169.6
107.5°	207.3	207.0	206.9	206.9	206.9	206.9	206.9	206.9	206.9	206.9	206.9
110°	245.1	244.8	244.7	244.7	244.7	244.7	244.7	244.7	244.7	244.7	244.7

TEST NUMBER: P1026725

CATALOG NUMBER: S125DIP-B1090D610UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	282.0	281.9	281.8	281.6	281.2	280.9	280.5	280.1	280.5	280.9	281.2
115°	318.6	318.5	318.4	318.1	317.5	316.8	316.2	315.6	316.2	316.8	317.5
117.5°	353.5	353.0	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7	352.7
120°	387.0	386.6	386.4	386.5	386.6	386.7	386.9	387.0	386.9	386.7	386.6
122.5°	420.4	420.3	420.2	419.9	419.2	418.6	417.9	417.3	417.9	418.6	419.2
125°	452.8	452.8	452.8	452.4	451.5	450.6	449.7	448.8	449.7	450.6	451.5
127.5°	481.7	481.8	481.9	481.6	480.9	480.3	479.6	479.0	479.6	480.3	480.9
130°	509.5	509.4	509.3	509.0	508.4	507.7	507.1	506.5	507.1	507.7	508.4
132.5°	536.8	537.2	537.4	537.0	536.2	535.5	534.7	533.9	534.7	535.5	536.2
135°	562.7	563.0	563.1	562.7	562.0	561.2	560.5	559.7	560.5	561.2	562.0
137.5°	586.7	587.0	587.1	586.7	586.0	585.2	584.5	583.7	584.5	585.2	586.0
140°	608.0	608.1	608.2	608.1	607.8	607.6	607.3	607.1	607.3	607.6	607.8
142.5°	629.2	628.9	628.8	628.7	628.6	628.5	628.4	628.3	628.4	628.5	628.6
145°	650.0	650.0	650.0	649.9	649.6	649.3	649.1	648.8	649.1	649.3	649.6
147.5°	667.3	667.2	667.1	667.1	667.1	667.1	667.1	667.1	667.1	667.1	667.1
150°	683.5	683.2	683.1	683.2	683.5	683.8	684.0	684.3	684.0	683.8	683.5
152.5°	698.4	698.1	698.0	698.3	699.0	699.6	700.3	700.9	700.3	699.6	699.0
155°	711.5	711.2	711.1	711.5	712.3	713.0	713.8	714.6	713.8	713.0	712.3
157.5°	723.7	723.7	723.7	723.9	724.3	724.6	725.0	725.4	725.0	724.6	724.3
160°	733.6	733.5	733.4	733.8	734.6	735.3	736.1	736.9	736.1	735.3	734.6
162.5°	742.8	742.7	742.6	743.0	743.7	744.5	745.2	746.0	745.2	744.5	743.7
165°	750.8	750.7	750.6	751.0	751.7	752.5	753.2	754.0	753.2	752.5	751.7
167.5°	757.1	757.0	756.9	757.3	758.0	758.8	759.5	760.3	759.5	758.8	758.0
170°	761.6	761.5	761.4	761.8	762.7	763.6	764.5	765.4	764.5	763.6	762.7
172.5°	765.3	765.0	764.9	765.3	766.2	767.1	768.0	768.9	768.0	767.1	766.2
175°	767.9	767.8	767.7	768.1	768.9	769.6	770.4	771.2	770.4	769.6	768.9
177.5°	769.7	769.6	769.5	769.9	770.6	771.4	772.1	772.9	772.1	771.4	770.6
180°	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2

TEST NUMBER: P1026725

CATALOG NUMBER: S125DIP-B1090D610UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9
2.5°	1559.4	1556.7	1550.0	1546.0	1532.6	1516.5	1511.1	1497.7	1503.0	1493.6	1493.6
5°	1517.8	1505.7	1497.7	1485.6	1460.1	1442.6	1423.9	1414.5	1409.1	1402.4	1397.0
7.5°	1464.1	1454.7	1446.7	1423.9	1395.7	1371.5	1348.7	1339.3	1321.9	1309.8	1304.4
10°	1417.2	1403.7	1384.9	1358.1	1328.6	1297.7	1277.6	1257.5	1244.0	1237.3	1222.6
12.5°	1368.8	1352.7	1332.6	1293.7	1261.5	1242.7	1206.5	1187.7	1181.0	1175.6	1158.1
15°	1319.2	1301.7	1277.6	1241.3	1213.2	1168.9	1147.4	1132.6	1116.5	1115.2	1101.8
17.5°	1274.9	1253.4	1233.3	1189.0	1154.1	1115.2	1103.1	1087.0	1072.3	1056.2	1049.4
20°	1218.5	1198.4	1183.6	1135.3	1096.4	1072.3	1052.1	1038.7	1029.3	1013.2	1010.5
22.5°	1167.5	1146.1	1125.9	1089.7	1056.2	1025.3	1001.1	986.4	982.3	975.6	963.6
25°	1117.9	1096.4	1072.3	1038.7	1003.8	982.3	960.9	951.5	943.4	932.7	923.3
27.5°	1076.3	1056.2	1033.3	991.7	962.2	946.1	923.3	912.6	901.8	896.5	892.4
30°	1026.6	1003.8	986.4	954.2	922.0	900.5	884.4	875.0	865.6	860.2	857.5
32.5°	978.3	956.8	944.8	909.9	884.4	858.9	846.8	840.1	834.7	829.4	824.0
35°	939.4	917.9	899.1	866.9	841.4	824.0	814.6	803.9	799.8	794.5	794.5
37.5°	891.1	875.0	856.2	825.3	802.5	789.1	781.0	767.6	766.3	763.6	759.6
40°	849.5	833.4	815.9	789.1	769.0	752.9	742.1	735.4	731.4	728.7	726.0
42.5°	805.2	787.8	779.7	748.8	731.4	715.3	709.9	703.2	701.9	696.5	689.8
45°	762.3	747.5	731.4	708.6	693.8	680.4	672.3	667.0	660.3	658.9	654.9
47.5°	724.7	707.2	692.5	671.0	654.9	644.2	637.4	630.7	625.4	621.3	617.3
50°	676.4	662.9	650.9	628.1	614.6	603.9	594.5	589.1	583.8	583.8	583.8
52.5°	629.4	617.3	606.6	590.5	574.4	565.0	554.2	550.2	547.5	543.5	547.5
55°	583.8	571.7	561.0	548.9	530.1	522.0	511.3	507.3	508.6	508.6	512.6
57.5°	535.5	526.1	519.4	504.6	487.1	479.1	472.4	468.4	468.4	473.7	475.1
60°	488.5	479.1	467.0	453.6	442.9	433.5	429.4	430.8	430.8	433.5	440.2
62.5°	436.1	430.8	424.1	405.3	398.6	391.9	386.5	390.5	389.2	395.9	405.3
65°	387.8	382.5	373.1	363.7	355.6	348.9	347.6	348.9	351.6	358.3	369.0
67.5°	334.2	334.2	326.1	318.1	311.3	304.6	306.0	307.3	310.0	318.1	334.2
70°	289.9	284.5	276.5	271.1	265.7	263.0	260.3	265.7	273.8	279.1	291.2
72.5°	241.6	237.5	230.8	225.5	224.1	221.4	220.1	222.8	230.8	240.2	253.6
75°	190.6	191.9	187.9	183.9	183.9	179.8	182.5	182.5	190.6	200.0	210.7
77.5°	147.6	146.3	144.9	142.3	140.9	140.9	140.9	143.6	151.6	157.0	167.7
80°	104.7	106.0	102.0	103.3	102.0	103.3	103.3	108.7	112.7	119.4	127.5
82.5°	69.8	69.8	67.1	68.4	68.4	68.4	69.8	72.5	77.8	83.2	88.6
85°	38.9	40.3	37.6	40.3	40.3	40.3	41.6	42.9	47.0	48.3	53.7
87.5°	14.8	17.4	17.4	14.8	16.1	17.4	18.8	17.4	20.1	22.8	24.2
90°	4.6	5.1	5.5	6.4	7.3	8.2	9.1	9.7	10.4	11.0	11.7
92.5°	6.3	5.7	6.1	6.8	7.6	8.3	9.1	9.7	10.4	11.0	11.7
95°	31.1	30.9	28.5	23.6	18.8	13.9	9.1	9.7	10.4	11.0	11.7
97.5°	64.2	64.6	58.6	46.5	34.4	22.4	10.3	10.5	10.8	11.0	11.3
100°	97.0	97.2	97.5	98.0	98.5	99.0	99.5	80.6	61.6	42.7	23.8
102.5°	132.3	132.6	132.7	133.0	133.3	133.5	133.8	134.0	134.3	134.5	134.8
105°	170.1	170.4	170.4	170.4	170.4	170.4	170.4	170.4	170.4	170.4	170.4
107.5°	206.9	206.9	207.0	207.3	207.6	207.8	208.1	208.2	208.4	208.5	208.6
110°	244.7	244.7	244.8	245.1	245.3	245.6	245.8	245.4	245.0	244.7	244.3

TEST NUMBER: P1026725

CATALOG NUMBER: S125DIP-B1090D610UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	281.6	281.8	281.9	282.0	282.1	282.3	282.4	281.9	281.4	280.9	280.4
115°	318.1	318.4	318.5	318.6	318.7	318.9	319.0	318.5	318.0	317.5	317.0
117.5°	352.7	352.7	353.0	353.5	354.0	354.5	355.0	354.2	353.5	352.7	352.0
120°	386.5	386.4	386.6	387.0	387.4	387.8	388.2	387.9	387.7	387.4	387.1
122.5°	419.9	420.2	420.3	420.4	420.5	420.6	420.7	420.5	420.2	420.0	419.7
125°	452.4	452.8	452.8	452.8	452.8	452.8	452.8	452.3	451.8	451.3	450.8
127.5°	481.6	481.9	481.8	481.7	481.6	481.4	481.3	481.1	480.8	480.6	480.3
130°	509.0	509.3	509.4	509.5	509.6	509.8	509.9	509.5	509.1	508.8	508.4
132.5°	537.0	537.4	537.2	536.8	536.4	536.0	535.6	535.6	535.6	535.6	535.6
135°	562.7	563.1	563.0	562.7	562.4	562.2	561.9	561.7	561.4	561.2	560.9
137.5°	586.7	587.1	587.0	586.7	586.4	586.2	585.9	585.9	585.9	585.9	585.9
140°	608.1	608.2	608.1	608.0	607.9	607.8	607.7	607.9	608.2	608.4	608.7
142.5°	628.7	628.8	628.9	629.2	629.5	629.7	630.0	630.0	630.0	630.0	630.0
145°	649.9	650.0	650.0	650.0	650.0	650.0	650.0	650.1	650.2	650.3	650.4
147.5°	667.1	667.1	667.2	667.3	667.4	667.6	667.7	667.8	668.0	668.1	668.2
150°	683.2	683.1	683.2	683.5	683.8	684.0	684.3	684.5	684.8	685.0	685.3
152.5°	698.3	698.0	698.1	698.4	698.6	698.9	699.1	699.4	699.6	699.9	700.2
155°	711.5	711.1	711.2	711.5	711.8	712.0	712.3	712.7	713.1	713.4	713.8
157.5°	723.9	723.7	723.7	723.7	723.7	723.7	723.7	724.1	724.5	724.8	725.2
160°	733.8	733.4	733.5	733.6	733.7	733.9	734.0	734.5	735.0	735.5	736.0
162.5°	743.0	742.6	742.7	742.8	742.9	743.1	743.2	744.0	744.7	745.5	746.2
165°	751.0	750.6	750.7	750.8	750.9	751.1	751.2	752.0	752.7	753.5	754.2
167.5°	757.3	756.9	757.0	757.1	757.2	757.3	757.4	758.3	759.2	760.1	761.0
170°	761.8	761.4	761.5	761.6	761.7	761.9	762.0	763.0	764.0	765.1	766.1
172.5°	765.3	764.9	765.0	765.3	765.5	765.8	766.0	766.9	767.8	768.7	769.6
175°	768.1	767.7	767.8	767.9	768.0	768.2	768.3	769.3	770.3	771.4	772.4
177.5°	769.9	769.5	769.6	769.7	769.8	769.9	770.0	770.9	771.8	772.7	773.6
180°	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2

TEST NUMBER: P1026725

CATALOG NUMBER: S125DIP-B1090D610UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9
2.5°	1499.0	1489.6	1488.3	1491.0	1485.6	1493.6	1491.0	1493.6	1486.9	1493.6	1489.6
5°	1395.7	1393.0	1387.6	1380.9	1382.3	1383.6	1390.3	1383.6	1389.0	1390.3	1397.0
7.5°	1299.1	1293.7	1297.7	1295.0	1283.0	1280.3	1283.0	1287.0	1295.0	1300.4	1304.4
10°	1221.2	1218.5	1213.2	1209.1	1202.4	1198.4	1203.8	1198.4	1209.1	1218.5	1218.5
12.5°	1162.2	1151.4	1144.7	1143.4	1128.6	1131.3	1136.7	1140.7	1152.8	1158.1	1158.1
15°	1100.4	1092.4	1089.7	1084.3	1079.0	1084.3	1081.7	1085.7	1091.0	1096.4	1099.1
17.5°	1046.8	1045.4	1046.8	1033.3	1037.4	1030.7	1032.0	1038.7	1034.7	1038.7	1046.8
20°	998.4	1001.1	997.1	991.7	991.7	983.7	993.1	990.4	991.7	999.8	1011.9
22.5°	962.2	960.9	956.8	952.8	947.5	948.8	950.1	947.5	958.2	964.9	966.2
25°	923.3	920.6	919.3	915.2	909.9	915.2	913.9	915.2	917.9	928.7	920.6
27.5°	887.1	881.7	884.4	880.4	879.0	880.4	880.4	881.7	884.4	885.7	887.1
30°	856.2	850.8	849.5	846.8	845.5	846.8	849.5	846.8	857.5	856.2	856.2
32.5°	822.6	818.6	815.9	815.9	814.6	813.3	814.6	815.9	824.0	818.6	824.0
35°	790.4	787.8	787.8	785.1	783.7	783.7	783.7	789.1	786.4	790.4	790.4
37.5°	759.6	759.6	758.2	755.5	754.2	755.5	754.2	756.9	755.5	756.9	758.2
40°	727.4	724.7	723.3	723.3	719.3	715.3	719.3	719.3	720.7	724.7	726.0
42.5°	688.4	689.8	689.8	684.4	684.4	684.4	685.8	687.1	687.1	689.8	689.8
45°	654.9	652.2	652.2	652.2	649.5	650.9	653.6	653.6	653.6	653.6	650.9
47.5°	617.3	617.3	618.7	618.7	622.7	621.3	621.3	620.0	617.3	617.3	618.7
50°	582.4	586.5	587.8	587.8	589.1	590.5	590.5	587.8	586.5	582.4	582.4
52.5°	548.9	551.6	554.2	558.3	561.0	559.6	559.6	556.9	551.6	550.2	548.9
55°	512.6	516.7	522.0	526.1	530.1	531.4	531.4	526.1	520.7	514.0	514.0
57.5°	479.1	483.1	492.5	496.5	501.9	501.9	499.2	495.2	487.1	481.8	477.8
60°	445.5	452.3	459.0	467.0	473.7	475.1	471.0	465.7	456.3	449.6	444.2
62.5°	409.3	416.0	429.4	437.5	442.9	442.9	442.9	436.1	424.1	414.7	406.6
65°	374.4	381.1	393.2	403.9	408.0	412.0	408.0	401.3	391.9	381.1	373.1
67.5°	338.2	346.2	358.3	366.4	371.7	375.8	373.1	367.7	355.6	340.9	335.5
70°	297.9	301.9	319.4	327.4	335.5	338.2	335.5	327.4	315.4	299.3	293.9
72.5°	260.3	264.4	280.5	287.2	293.9	296.6	292.6	287.2	276.5	261.7	255.0
75°	217.4	224.1	232.2	242.9	251.0	253.6	249.6	245.6	232.2	222.8	217.4
77.5°	171.8	178.5	189.2	198.6	206.7	205.3	200.0	201.3	186.5	175.8	171.8
80°	130.2	135.5	143.6	151.6	155.7	155.7	154.3	149.0	143.6	135.5	128.8
82.5°	89.9	96.6	103.3	108.7	108.7	110.0	107.4	106.0	100.6	93.9	92.6
85°	53.7	55.0	60.4	60.4	65.8	63.1	61.7	65.8	60.4	56.4	55.0
87.5°	24.2	22.8	24.2	24.2	22.8	25.5	25.5	24.2	25.5	24.2	24.2
90°	12.0	12.2	12.6	12.9	13.3	13.7	13.3	12.9	12.6	12.2	12.0
92.5°	12.0	12.1	12.2	12.3	12.5	12.6	12.5	12.3	12.2	12.1	12.0
95°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
97.5°	11.4	11.5	11.6	11.7	11.9	12.0	11.9	11.7	11.6	11.5	11.4
100°	14.3	14.0	13.5	13.0	12.5	12.0	12.5	13.0	13.5	14.0	14.3
102.5°	134.9	129.6	118.9	108.2	97.6	86.9	97.6	108.2	118.9	129.6	134.9
105°	170.4	170.3	170.2	170.1	169.9	169.8	169.9	170.1	170.2	170.3	170.4
107.5°	208.7	208.4	207.9	207.4	206.9	206.4	206.9	207.4	207.9	208.4	208.7
110°	244.1	244.2	244.3	244.4	244.6	244.7	244.6	244.4	244.3	244.2	244.1

TEST NUMBER: P1026725

CATALOG NUMBER: S125DIP-B1090D610UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	280.1	280.0	279.7	279.5	279.2	279.0	279.2	279.5	279.7	280.0	280.1
115°	316.7	316.3	315.6	314.8	314.1	313.3	314.1	314.8	315.6	316.3	316.7
117.5°	351.6	351.5	351.2	350.9	350.7	350.4	350.7	350.9	351.2	351.5	351.6
120°	387.0	386.7	386.1	385.4	384.8	384.2	384.8	385.4	386.1	386.7	387.0
122.5°	419.6	419.2	418.5	417.7	417.0	416.2	417.0	417.7	418.5	419.2	419.6
125°	450.5	450.3	449.9	449.6	449.2	448.8	449.2	449.6	449.9	450.3	450.5
127.5°	480.2	479.7	478.7	477.6	476.6	475.6	476.6	477.6	478.7	479.7	480.2
130°	508.2	507.9	507.2	506.6	505.9	505.3	505.9	506.6	507.2	507.9	508.2
132.5°	535.6	535.3	534.7	534.0	533.4	532.8	533.4	534.0	534.7	535.3	535.6
135°	560.8	560.4	559.7	558.9	558.2	557.4	558.2	558.9	559.7	560.4	560.8
137.5°	585.9	585.6	585.0	584.3	583.7	583.1	583.7	584.3	585.0	585.6	585.9
140°	608.8	608.4	607.7	606.9	606.2	605.4	606.2	606.9	607.7	608.4	608.8
142.5°	630.0	629.6	628.8	628.1	627.3	626.5	627.3	628.1	628.8	629.6	630.0
145°	650.5	650.1	649.4	648.6	647.9	647.1	647.9	648.6	649.4	650.1	650.5
147.5°	668.3	667.9	667.0	666.1	665.2	664.3	665.2	666.1	667.0	667.9	668.3
150°	685.4	684.9	683.9	682.8	681.8	680.8	681.8	682.8	683.9	684.9	685.4
152.5°	700.3	699.9	699.0	698.1	697.2	696.3	697.2	698.1	699.0	699.9	700.3
155°	714.0	713.5	712.5	711.4	710.4	709.4	710.4	711.4	712.5	713.5	714.0
157.5°	725.4	724.9	723.9	722.9	721.9	720.9	721.9	722.9	723.9	724.9	725.4
160°	736.3	735.8	734.8	733.7	732.7	731.7	732.7	733.7	734.8	735.8	736.3
162.5°	746.6	746.0	744.9	743.7	742.6	741.4	742.6	743.7	744.9	746.0	746.6
165°	754.6	754.1	753.1	752.0	751.0	750.0	751.0	752.0	753.1	754.1	754.6
167.5°	761.4	760.8	759.7	758.6	757.4	756.3	757.4	758.6	759.7	760.8	761.4
170°	766.6	766.0	764.9	763.7	762.6	761.4	762.6	763.7	764.9	766.0	766.6
172.5°	770.0	769.4	768.3	767.2	766.0	764.9	766.0	767.2	768.3	769.4	770.0
175°	772.9	772.3	771.2	770.0	768.9	767.7	768.9	770.0	771.2	772.3	772.9
177.5°	774.0	773.5	772.5	771.5	770.5	769.5	770.5	771.5	772.5	773.5	774.0
180°	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2

TEST NUMBER: P1026725

CATALOG NUMBER: S125DIP-B1090D610UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9
2.5°	1501.7	1493.6	1503.0	1491.0	1493.6	1508.4	1507.1	1520.5	1528.5	1527.2	1533.9
5°	1402.4	1402.4	1406.4	1405.1	1418.5	1430.6	1446.7	1460.1	1474.9	1482.9	1492.3
7.5°	1304.4	1317.8	1320.5	1327.2	1343.3	1363.5	1379.6	1399.7	1421.2	1435.9	1446.7
10°	1223.9	1234.6	1245.4	1250.7	1268.2	1295.0	1317.8	1350.1	1376.9	1393.0	1407.8
12.5°	1152.8	1164.9	1170.2	1194.4	1206.5	1223.9	1256.1	1291.0	1320.5	1338.0	1350.1
15°	1101.8	1108.5	1120.6	1135.3	1147.4	1168.9	1195.7	1234.6	1262.8	1277.6	1319.2
17.5°	1058.8	1066.9	1073.6	1080.3	1099.1	1121.9	1147.4	1181.0	1217.2	1242.7	1264.2
20°	1014.6	1018.6	1026.6	1037.4	1050.8	1072.3	1095.1	1130.0	1162.2	1182.3	1210.5
22.5°	962.2	974.3	982.3	990.4	1005.2	1029.3	1050.8	1076.3	1116.5	1139.4	1168.9
25°	931.3	936.7	942.1	951.5	962.2	983.7	1007.8	1034.7	1066.9	1091.0	1116.5
27.5°	891.1	899.1	905.8	917.9	924.6	942.1	964.9	991.7	1030.7	1050.8	1072.3
30°	857.5	865.6	871.0	876.3	885.7	904.5	926.0	947.5	983.7	1009.2	1030.7
32.5°	824.0	832.0	838.7	842.8	852.2	864.2	881.7	908.5	939.4	956.8	985.0
35°	794.5	794.5	802.5	807.9	815.9	826.7	842.8	862.9	895.1	917.9	943.4
37.5°	760.9	762.3	769.0	773.0	781.0	791.8	807.9	826.7	853.5	871.0	896.5
40°	726.0	730.0	732.7	739.4	748.8	752.9	769.0	790.4	817.3	833.4	854.9
42.5°	691.1	693.8	700.5	705.9	713.9	720.7	731.4	751.5	771.6	795.8	813.3
45°	652.2	658.9	662.9	672.3	676.4	683.1	693.8	709.9	734.1	748.8	769.0
47.5°	618.7	621.3	624.0	636.1	644.2	648.2	658.9	668.3	693.8	707.2	726.0
50°	582.4	582.4	586.5	591.8	601.2	609.3	618.7	629.4	649.5	662.9	681.7
52.5°	548.9	544.9	547.5	550.2	559.6	567.7	577.1	591.8	610.6	618.7	634.8
55°	512.6	505.9	510.0	514.0	516.7	527.4	538.1	547.5	562.3	574.4	589.1
57.5°	473.7	472.4	469.7	471.0	477.8	484.5	492.5	504.6	522.0	531.4	539.5
60°	438.8	430.8	428.1	430.8	434.8	438.8	449.6	460.3	475.1	484.5	493.9
62.5°	402.6	394.5	389.2	385.2	389.2	398.6	405.3	413.3	425.4	436.1	444.2
65°	367.7	355.6	350.3	347.6	346.2	352.9	358.3	369.0	379.8	383.8	393.2
67.5°	328.8	318.1	311.3	307.3	307.3	307.3	312.7	323.4	334.2	335.5	344.9
70°	289.9	277.8	271.1	265.7	263.0	265.7	272.4	273.8	283.2	285.8	291.2
72.5°	248.3	237.5	229.5	222.8	224.1	226.8	226.8	229.5	234.8	241.6	241.6
75°	209.4	194.6	190.6	185.2	182.5	182.5	182.5	187.9	191.9	197.3	195.9
77.5°	165.1	157.0	149.0	146.3	142.3	140.9	143.6	143.6	146.3	150.3	151.6
80°	127.5	118.1	112.7	110.0	104.7	103.3	104.7	104.7	108.7	107.4	108.7
82.5°	88.6	81.9	77.8	73.8	71.1	72.5	71.1	71.1	72.5	71.1	71.1
85°	51.0	49.7	47.0	45.6	44.3	41.6	44.3	42.9	41.6	40.3	42.9
87.5°	24.2	22.8	22.8	20.1	20.1	18.8	20.1	20.1	18.8	18.8	18.8
90°	11.7	11.0	10.4	9.7	9.1	8.2	7.3	6.4	5.5	5.1	4.6
92.5°	11.7	11.0	10.4	9.7	9.1	8.3	7.6	6.8	6.1	5.7	6.3
95°	11.7	11.0	10.4	9.7	9.1	13.9	18.8	23.6	28.5	30.9	31.1
97.5°	11.3	11.0	10.8	10.5	10.3	22.4	34.4	46.5	58.6	64.6	64.2
100°	23.8	42.7	61.6	80.6	99.5	99.0	98.5	98.0	97.5	97.2	97.0
102.5°	134.8	134.5	134.3	134.0	133.8	133.5	133.3	133.0	132.7	132.6	132.3
105°	170.4	170.4	170.4	170.4	170.4	170.4	170.4	170.4	170.4	170.4	170.1
107.5°	208.6	208.5	208.4	208.2	208.1	207.8	207.6	207.3	207.0	206.9	206.9
110°	244.3	244.7	245.0	245.4	245.8	245.6	245.3	245.1	244.8	244.7	244.7

TEST NUMBER: P1026725

CATALOG NUMBER: S125DIP-B1090D610UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	280.4	280.9	281.4	281.9	282.4	282.3	282.1	282.0	281.9	281.8	281.6
115°	317.0	317.5	318.0	318.5	319.0	318.9	318.7	318.6	318.5	318.4	318.1
117.5°	352.0	352.7	353.5	354.2	355.0	354.5	354.0	353.5	353.0	352.7	352.7
120°	387.1	387.4	387.7	387.9	388.2	387.8	387.4	387.0	386.6	386.4	386.5
122.5°	419.7	420.0	420.2	420.5	420.7	420.6	420.5	420.4	420.3	420.2	419.9
125°	450.8	451.3	451.8	452.3	452.8	452.8	452.8	452.8	452.8	452.8	452.4
127.5°	480.3	480.6	480.8	481.1	481.3	481.4	481.6	481.7	481.8	481.9	481.6
130°	508.4	508.8	509.1	509.5	509.9	509.8	509.6	509.5	509.4	509.3	509.0
132.5°	535.6	535.6	535.6	535.6	535.6	536.0	536.4	536.8	537.2	537.4	537.0
135°	560.9	561.2	561.4	561.7	561.9	562.2	562.4	562.7	563.0	563.1	562.7
137.5°	585.9	585.9	585.9	585.9	585.9	586.2	586.4	586.7	587.0	587.1	586.7
140°	608.7	608.4	608.2	607.9	607.7	607.8	607.9	608.0	608.1	608.2	608.1
142.5°	630.0	630.0	630.0	630.0	630.0	629.7	629.5	629.2	628.9	628.8	628.7
145°	650.4	650.3	650.2	650.1	650.0	650.0	650.0	650.0	650.0	650.0	649.9
147.5°	668.2	668.1	668.0	667.8	667.7	667.6	667.4	667.3	667.2	667.1	667.1
150°	685.3	685.0	684.8	684.5	684.3	684.0	683.8	683.5	683.2	683.1	683.2
152.5°	700.2	699.9	699.6	699.4	699.1	698.9	698.6	698.4	698.1	698.0	698.3
155°	713.8	713.4	713.1	712.7	712.3	712.0	711.8	711.5	711.2	711.1	711.5
157.5°	725.2	724.8	724.5	724.1	723.7	723.7	723.7	723.7	723.7	723.7	723.9
160°	736.0	735.5	735.0	734.5	734.0	733.9	733.7	733.6	733.5	733.4	733.8
162.5°	746.2	745.5	744.7	744.0	743.2	743.1	742.9	742.8	742.7	742.6	743.0
165°	754.2	753.5	752.7	752.0	751.2	751.1	750.9	750.8	750.7	750.6	751.0
167.5°	761.0	760.1	759.2	758.3	757.4	757.3	757.2	757.1	757.0	756.9	757.3
170°	766.1	765.1	764.0	763.0	762.0	761.9	761.7	761.6	761.5	761.4	761.8
172.5°	769.6	768.7	767.8	766.9	766.0	765.8	765.5	765.3	765.0	764.9	765.3
175°	772.4	771.4	770.3	769.3	768.3	768.2	768.0	767.9	767.8	767.7	768.1
177.5°	773.6	772.7	771.8	770.9	770.0	769.9	769.8	769.7	769.6	769.5	769.9
180°	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2	771.2

TEST NUMBER: P1026725

CATALOG NUMBER: S125DIP-B1090D610UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1580.9	1580.9	1580.9	1580.9
2.5°	1543.3	1556.7	1566.1	1583.6
5°	1508.4	1532.6	1555.4	1579.5
7.5°	1473.5	1501.7	1537.9	1568.8
10°	1434.6	1470.8	1513.8	1555.4
12.5°	1395.7	1438.6	1485.6	1540.6
15°	1348.7	1403.7	1458.8	1517.8
17.5°	1307.1	1363.5	1422.5	1496.3
20°	1260.1	1321.9	1386.3	1461.4
22.5°	1218.5	1287.0	1354.1	1433.3
25°	1171.6	1238.7	1312.5	1397.0
27.5°	1132.6	1194.4	1266.8	1358.1
30°	1085.7	1152.8	1225.2	1316.5
32.5°	1041.4	1105.8	1182.3	1272.2
35°	995.8	1061.5	1130.0	1215.9
37.5°	952.8	1009.2	1077.6	1159.5
40°	904.5	966.2	1028.0	1092.4
42.5°	860.2	916.6	974.3	1025.3
45°	810.6	858.9	913.9	955.5
47.5°	764.9	807.9	850.8	883.0
50°	719.3	752.9	785.1	813.3
52.5°	665.6	703.2	720.7	738.1
55°	617.3	638.8	654.9	672.3
57.5°	570.3	579.7	587.8	603.9
60°	508.6	519.4	528.7	540.8
62.5°	454.9	460.3	463.0	475.1
65°	403.9	402.6	409.3	416.0
67.5°	348.9	347.6	354.3	357.0
70°	295.2	293.9	295.2	301.9
72.5°	244.2	244.2	245.6	248.3
75°	197.3	197.3	198.6	201.3
77.5°	149.0	151.6	150.3	155.7
80°	108.7	106.0	108.7	111.4
82.5°	71.1	73.8	73.8	71.1
85°	40.3	40.3	40.3	40.3
87.5°	17.4	17.4	18.8	20.1
90°	3.6	2.6	1.6	0.6
92.5°	7.4	8.6	9.7	10.9
95°	31.5	31.8	32.2	32.6
97.5°	63.5	62.7	62.0	61.2
100°	96.6	96.3	95.9	95.5
102.5°	131.8	131.3	130.8	130.3
105°	169.6	169.1	168.6	168.1
107.5°	206.9	206.9	206.9	206.9
110°	244.7	244.7	244.7	244.7

TEST NUMBER: P1026725

CATALOG NUMBER: S125DIP-B1090D610UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	281.2	280.9	280.5	280.1
115°	317.5	316.8	316.2	315.6
117.5°	352.7	352.7	352.7	352.7
120°	386.6	386.7	386.9	387.0
122.5°	419.2	418.6	417.9	417.3
125°	451.5	450.6	449.7	448.8
127.5°	480.9	480.3	479.6	479.0
130°	508.4	507.7	507.1	506.5
132.5°	536.2	535.5	534.7	533.9
135°	562.0	561.2	560.5	559.7
137.5°	586.0	585.2	584.5	583.7
140°	607.8	607.6	607.3	607.1
142.5°	628.6	628.5	628.4	628.3
145°	649.6	649.3	649.1	648.8
147.5°	667.1	667.1	667.1	667.1
150°	683.5	683.8	684.0	684.3
152.5°	699.0	699.6	700.3	700.9
155°	712.3	713.0	713.8	714.6
157.5°	724.3	724.6	725.0	725.4
160°	734.6	735.3	736.1	736.9
162.5°	743.7	744.5	745.2	746.0
165°	751.7	752.5	753.2	754.0
167.5°	758.0	758.8	759.5	760.3
170°	762.7	763.6	764.5	765.4
172.5°	766.2	767.1	768.0	768.9
175°	768.9	769.6	770.4	771.2
177.5°	770.6	771.4	772.1	772.9
180°	771.2	771.2	771.2	771.2

(END OF REPORT)