

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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: P998014

Luminaire Tested: SA2XXDIP-B1005D725UB50-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P998014
REPORT IS A COMBINATION OF REPORTS P983751 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B1005D725UB50-4F0-XX-W2A-A4
Description: Define 2 Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

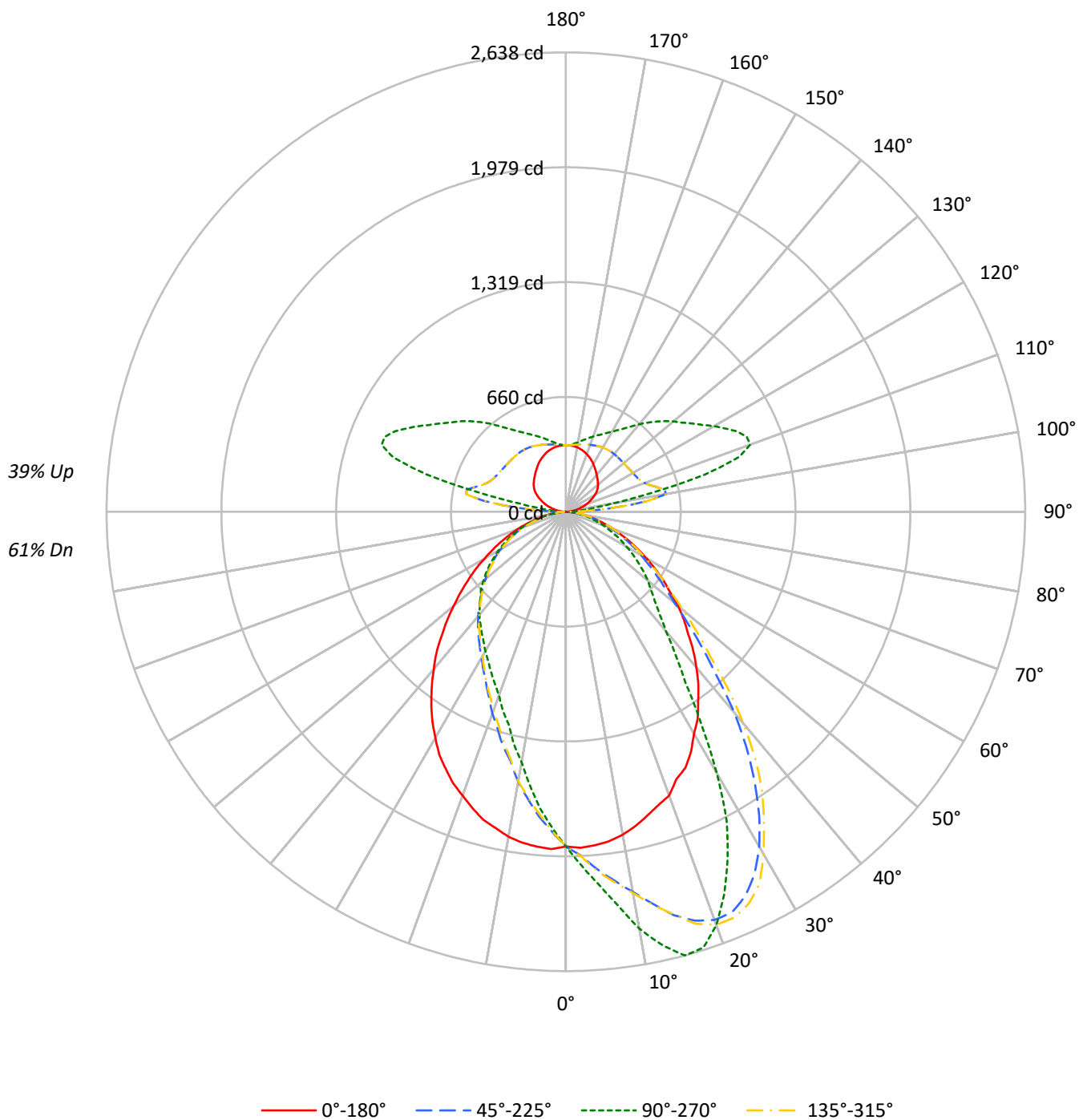
Lumens per Lamp: N/A
Luminaire Lumens: 6900.0 lumens
Efficiency: N/A
Efficacy: 83.7 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 82.4
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	110	110	110	110	103	103	103	103	90	90	90	78	78	78	67	67	67
1	101	97	93	90	94	91	88	85	80	77	75	69	68	66	60	59	57
2	92	85	79	74	86	80	75	70	70	66	63	62	59	56	53	51	49
3	85	75	68	63	79	71	65	60	63	58	54	55	51	48	48	45	43
4	78	67	59	54	73	63	56	51	56	51	46	49	45	42	43	40	37
5	72	60	52	46	67	57	50	44	51	45	40	45	40	37	39	36	33
6	66	54	46	41	62	51	44	39	46	40	36	41	36	32	36	32	29
7	62	49	42	36	58	47	40	35	42	36	32	37	33	29	33	29	26
8	57	45	37	32	54	43	36	31	38	33	28	34	30	26	30	27	24
9	53	41	34	29	50	39	32	28	35	30	26	32	27	24	28	24	22
10	50	38	31	26	47	36	30	25	33	27	23	29	25	22	26	22	20

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	30413	30413	30413	30413
5°	30486	32427	30603	25799
10°	30132	35400	30321	21271
15°	29401	37339	29809	17916
20°	28943	35058	28943	15573
25°	28020	30119	28148	13925
30°	26503	23676	27007	12614
35°	25158	16372	25578	11542
40°	23613	12361	23882	10686
45°	21707	10158	22061	9762
50°	20059	8915	20095	8937
55°	18181	7596	18298	8040
60°	16177	6345	16401	7017
65°	14383	5161	14646	5992
70°	12598	4049	12919	4833
75°	10573	2940	10987	3505
80°	8255	1863	8846	2079
85°	5424	938	5848	694

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 31439 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.0	2.7
10°-20°	532.6	7.7
20°-30°	773.0	11.2
30°-40°	814.9	11.8
40°-50°	721.1	10.5
50°-60°	575.8	8.3
60°-70°	391.1	5.7
70°-80°	200.1	2.9
80°-90°	49.7	0.7
90°-100°	148.8	2.2
100°-110°	524.1	7.6
110°-120°	550.4	8.0
120°-130°	452.8	6.6
130°-140°	363.8	5.3
140°-150°	274.8	4.0
150°-160°	193.2	2.8
160°-170°	113.7	1.6
170°-180°	37.0	0.5
0°-30°	1488.7	21.6
0°-40°	2303.6	33.4
0°-60°	3600.5	52.2
0°-90°	4241.5	61.5
90°-120°	1223.3	17.7
90°-150°	2314.7	33.5
90°-180°	2659.0	38.5
0°-180°	6900.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1921	1921	1921	1921	1921	
5°	1923	2146	1930	1707	1923	182
15°	1806	2638	1831	1266	1806	510
25°	1623	2198	1630	1016	1623	742
35°	1325	1196	1347	843	1325	829
45°	994	721	1010	693	994	771
55°	682	506	687	536	682	609
65°	405	312	412	362	405	402
75°	189	154	196	183	189	203
85°	38	40	41	30	38	45
90°	1	24	1	24	1	4
95°	26	84	26	84	26	27
105°	90	827	90	827	90	95
115°	158	1089	158	1089	158	157
125°	220	883	220	883	220	196
135°	258	732	258	732	258	200
145°	295	584	295	584	295	185
155°	336	491	336	491	336	154
165°	366	431	366	431	366	103
175°	381	388	381	388	381	36
180°	382	382	382	382	382	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3
2.5°	1931.6	1936.1	1943.5	1944.9	1959.7	1971.5	1984.8	1984.8	1989.2	1987.8	1976.0
5°	1922.8	1936.1	1955.3	1971.5	1998.1	2009.9	2027.6	2040.9	2052.7	2061.6	2060.1
7.5°	1908.0	1931.6	1959.7	1990.7	2026.2	2046.8	2071.9	2095.6	2111.8	2126.6	2136.9
10°	1882.9	1922.8	1961.2	2002.5	2048.3	2076.4	2105.9	2136.9	2162.0	2190.1	2216.7
12.5°	1848.9	1906.5	1953.8	2008.4	2064.6	2095.6	2142.8	2166.5	2215.2	2286.1	2305.3
15°	1806.1	1884.4	1928.7	1998.1	2071.9	2097.1	2162.0	2200.4	2300.8	2345.2	2398.3
17.5°	1766.2	1853.4	1912.5	1992.2	2064.6	2113.3	2176.8	2255.1	2339.2	2402.7	2461.8
20°	1733.8	1817.9	1888.8	1977.4	2069.0	2131.0	2197.5	2292.0	2383.5	2448.5	2494.3
22.5°	1659.9	1767.7	1850.4	1949.4	2060.1	2145.8	2209.3	2312.7	2411.6	2451.5	2491.4
25°	1623.0	1716.0	1812.0	1924.3	2054.2	2156.1	2210.8	2326.0	2413.1	2427.9	2436.7
27.5°	1555.1	1659.9	1772.2	1900.6	2052.7	2138.4	2207.8	2312.7	2382.1	2371.7	2345.2
30°	1470.9	1599.4	1723.4	1862.2	2032.1	2125.1	2190.1	2286.1	2321.5	2268.4	2221.1
32.5°	1408.9	1530.0	1667.3	1828.3	2008.4	2097.1	2160.6	2235.9	2243.3	2147.3	2067.5
35°	1324.7	1459.1	1614.1	1784.0	1968.6	2048.3	2107.4	2153.2	2117.7	1983.3	1888.8
37.5°	1249.4	1382.3	1547.7	1720.5	1913.9	1992.2	2039.5	2046.8	1959.7	1841.6	1702.7
40°	1166.7	1304.0	1476.8	1658.4	1853.4	1921.3	1950.8	1928.7	1803.2	1665.8	1504.9
42.5°	1084.0	1219.8	1405.9	1592.0	1776.6	1834.2	1846.0	1785.4	1631.9	1470.9	1284.8
45°	993.9	1135.7	1321.7	1509.3	1688.0	1720.5	1721.9	1634.8	1453.2	1284.8	1112.0
47.5°	920.0	1051.5	1236.1	1423.6	1574.3	1596.4	1587.6	1487.1	1289.2	1100.2	949.6
50°	838.8	964.3	1147.5	1332.1	1460.6	1466.5	1444.3	1301.1	1107.6	934.8	815.2
52.5°	751.7	878.7	1047.0	1224.3	1339.5	1330.6	1287.8	1134.2	952.5	809.3	717.7
55°	682.3	794.5	952.5	1125.3	1206.5	1181.4	1134.2	977.6	834.4	713.3	633.5
57.5°	605.5	704.4	859.5	1010.1	1057.4	1033.8	986.5	840.3	707.4	615.8	562.7
60°	533.1	623.2	759.1	884.6	921.5	896.4	841.8	710.3	614.3	537.6	497.7
62.5°	466.7	544.9	658.7	773.8	788.6	763.5	716.2	609.9	527.2	466.7	437.1
65°	404.6	478.5	570.0	657.2	670.5	643.9	595.1	518.4	448.9	410.5	382.5
67.5°	344.1	403.2	484.4	547.9	555.3	530.2	490.3	428.3	385.4	344.1	323.4
70°	290.9	335.2	398.7	450.4	453.4	429.7	409.1	353.0	320.5	290.9	274.7
72.5°	239.2	270.3	319.0	357.4	358.9	344.1	324.9	289.5	261.4	240.7	224.5
75°	189.0	215.6	245.1	279.1	277.6	265.8	251.1	228.9	205.3	192.0	184.6
77.5°	144.7	161.0	184.6	206.8	206.8	200.8	192.0	175.7	161.0	147.7	140.3
80°	103.4	113.7	132.9	140.3	143.2	141.8	134.4	122.6	116.7	106.3	103.4
82.5°	66.5	73.8	82.7	90.1	94.5	91.6	90.1	84.2	75.3	72.4	69.4
85°	38.4	41.4	45.8	50.2	51.7	50.2	53.2	48.7	44.3	44.3	42.8
87.5°	16.2	17.7	20.7	20.7	22.2	22.2	20.7	22.2	22.2	20.7	19.2
90°	0.7	2.9	5.9	7.3	8.8	9.9	11.0	14.7	19.8	24.2	25.0
92.5°	11.0	15.4	21.3	25.0	30.8	34.8	38.9	58.7	86.6	111.6	113.1
95°	25.7	28.6	36.0	42.6	54.3	63.1	71.9	105.7	169.6	254.7	287.8
97.5°	38.2	42.6	50.7	60.2	73.4	83.3	93.2	136.6	225.4	362.7	469.1
100°	56.5	58.7	65.3	77.1	91.8	102.0	112.3	151.2	240.8	399.4	580.0
102.5°	73.4	74.9	81.5	93.2	108.7	119.0	129.2	164.4	241.5	385.4	583.6
105°	89.6	92.5	97.6	108.7	124.8	135.1	145.4	179.9	245.2	366.3	544.0
107.5°	107.2	109.4	114.5	124.8	141.0	151.2	161.5	195.3	253.3	356.1	507.3
110°	124.8	127.7	132.1	141.7	157.1	167.8	178.4	210.7	263.6	353.1	482.3

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	141.0	143.9	149.0	157.8	172.5	183.5	194.5	225.4	274.6	353.9	466.2
115°	157.8	161.5	165.9	174.7	189.4	199.3	209.2	240.8	285.6	356.8	455.2
117.5°	175.5	178.4	182.8	190.9	204.8	215.1	225.4	254.7	297.3	361.2	449.3
120°	191.6	194.5	199.0	205.6	220.2	230.5	240.8	269.4	309.1	365.6	444.2
122.5°	207.0	209.2	213.6	221.0	235.7	246.3	256.9	283.4	319.4	370.7	441.2
125°	220.2	222.4	226.9	235.7	250.3	260.6	270.9	297.3	330.4	375.9	437.5
127.5°	231.3	234.2	240.1	249.6	263.6	274.2	284.8	310.5	340.6	381.0	435.3
130°	240.8	243.7	251.1	261.4	276.0	286.3	296.6	322.3	350.2	386.9	433.9
132.5°	249.6	253.3	261.4	272.4	287.8	298.0	308.3	332.6	359.7	392.8	433.1
135°	258.4	261.4	270.2	281.2	298.1	308.4	318.6	342.1	367.8	397.2	432.4
137.5°	266.5	270.2	279.0	290.7	307.6	317.2	326.7	350.2	374.4	401.6	432.4
140°	276.0	279.0	287.8	299.5	315.7	325.2	334.8	356.8	379.6	404.5	431.7
142.5°	285.6	287.8	295.9	307.6	323.0	331.8	340.6	361.9	384.0	406.7	431.7
145°	295.1	298.1	305.4	316.4	331.1	339.2	347.2	367.1	387.6	408.2	430.2
147.5°	305.4	307.6	314.9	325.2	337.7	345.0	352.4	371.5	389.8	408.9	428.0
150°	315.7	317.9	323.8	333.3	344.3	350.9	357.5	374.4	391.3	408.2	425.8
152.5°	326.0	326.7	332.6	340.6	350.9	356.8	362.7	377.3	392.0	406.7	422.1
155°	335.5	336.2	340.6	348.7	356.8	362.3	367.8	380.3	392.8	405.2	417.7
157.5°	343.6	344.3	348.0	355.3	361.9	366.7	371.5	382.5	392.8	402.3	413.3
160°	351.7	352.4	355.3	361.2	367.1	371.1	375.1	384.0	392.8	400.1	408.9
162.5°	359.7	359.0	361.9	366.3	371.5	374.4	377.3	384.7	392.0	397.9	405.2
165°	365.6	364.9	366.3	370.7	374.4	376.6	378.8	385.4	390.6	395.0	400.1
167.5°	370.7	370.0	371.5	374.4	377.3	378.8	380.3	385.4	389.8	392.0	395.7
170°	375.9	374.4	375.1	377.3	378.8	379.9	381.0	384.7	388.4	389.8	392.0
172.5°	378.8	378.1	377.3	379.6	380.3	381.0	381.8	384.0	386.2	386.9	387.6
175°	381.0	380.3	379.6	381.0	381.0	381.4	381.8	383.2	384.7	384.0	384.7
177.5°	382.5	381.0	380.3	381.8	381.8	381.8	381.8	382.5	384.0	382.5	381.8
180°	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3
2.5°	1996.6	1998.1	2001.1	2015.8	2023.2	2024.7	2018.8	2032.1	2036.5	2032.1	2029.1
5°	2091.1	2100.0	2117.7	2136.9	2135.4	2136.9	2145.8	2154.6	2157.6	2145.8	2150.2
7.5°	2173.8	2191.6	2210.8	2240.3	2240.3	2255.1	2261.0	2268.4	2286.1	2277.2	2274.3
10°	2268.4	2292.0	2327.4	2374.7	2376.2	2390.9	2405.7	2429.3	2436.7	2430.8	2433.8
12.5°	2386.5	2432.3	2435.2	2486.9	2510.6	2513.5	2537.1	2532.7	2547.5	2547.5	2572.6
15°	2438.2	2509.1	2549.0	2599.2	2613.9	2596.2	2615.4	2636.1	2637.6	2637.6	2636.1
17.5°	2531.2	2559.3	2599.2	2625.7	2631.7	2631.7	2633.1	2642.0	2636.1	2624.3	2633.1
20°	2550.4	2562.2	2577.0	2574.1	2577.0	2562.2	2547.5	2532.7	2534.2	2526.8	2549.0
22.5°	2515.0	2512.0	2478.1	2455.9	2455.9	2426.4	2398.3	2385.0	2371.7	2376.2	2383.5
25°	2426.4	2380.6	2339.2	2306.8	2299.4	2252.1	2213.7	2201.9	2179.8	2197.5	2200.4
27.5°	2284.6	2232.9	2166.5	2138.4	2100.0	2080.8	2054.2	2018.8	1973.0	1999.6	1995.2
30°	2132.5	2055.7	2001.1	1933.1	1872.6	1868.1	1817.9	1758.9	1735.2	1735.2	1748.5
32.5°	1962.7	1860.8	1781.0	1685.0	1626.0	1600.8	1540.3	1481.2	1494.5	1450.2	1466.5
35°	1764.8	1630.4	1530.0	1436.9	1392.6	1363.1	1284.8	1252.3	1216.9	1196.2	1234.6
37.5°	1575.7	1420.7	1292.2	1190.3	1174.1	1120.9	1067.7	1047.0	1026.4	1035.2	1033.8
40°	1345.4	1208.0	1092.8	1013.1	985.0	959.9	924.5	899.4	886.1	893.5	894.9
42.5°	1137.1	1021.9	936.3	880.2	856.5	838.8	821.1	800.4	796.0	796.0	801.9
45°	976.2	881.6	824.1	778.3	765.0	751.7	738.4	729.5	726.6	720.7	725.1
47.5°	847.7	772.4	736.9	703.0	688.2	685.2	673.4	669.0	663.1	661.6	663.1
50°	739.9	692.6	660.1	640.9	630.6	626.2	620.3	611.4	608.4	615.8	612.9
52.5°	664.6	620.3	602.5	583.3	577.4	571.5	562.7	564.1	562.7	559.7	559.7
55°	589.2	561.2	543.5	528.7	527.2	521.3	513.9	511.0	509.5	506.5	511.0
57.5°	528.7	506.5	490.3	477.0	471.1	471.1	463.7	457.8	457.8	456.3	457.8
60°	468.1	446.0	435.7	422.4	417.9	416.5	412.0	409.1	404.6	404.6	404.6
62.5°	412.0	394.3	382.5	370.7	372.2	364.8	358.9	355.9	355.9	357.4	357.4
65°	358.9	347.0	332.3	321.9	319.0	317.5	314.6	313.1	308.7	311.6	311.6
67.5°	310.1	293.9	285.0	280.6	276.2	274.7	271.7	268.8	267.3	265.8	268.8
70°	261.4	248.1	240.7	237.8	233.3	231.9	230.4	225.9	227.4	228.9	230.4
72.5°	217.1	205.3	203.8	194.9	194.9	194.9	189.0	192.0	190.5	187.6	190.5
75°	171.3	165.4	162.4	158.0	159.5	158.0	156.5	152.1	152.1	153.6	155.1
77.5°	135.9	130.0	128.5	124.1	121.1	124.1	121.1	119.6	119.6	121.1	121.1
80°	100.4	97.5	93.0	93.0	93.0	91.6	91.6	91.6	90.1	88.6	90.1
82.5°	66.5	66.5	65.0	63.5	65.0	62.0	63.5	63.5	63.5	63.5	63.5
85°	42.8	41.4	41.4	39.9	39.9	39.9	41.4	38.4	38.4	39.9	39.9
87.5°	19.2	19.2	19.2	20.7	19.2	19.2	19.2	20.7	19.2	19.2	19.2
90°	24.2	23.5	22.0	23.5	23.8	24.2	24.2	24.2	24.2	24.2	24.2
92.5°	94.7	74.1	63.1	55.1	52.2	49.2	48.5	45.5	46.3	44.8	46.3
95°	251.8	192.3	147.6	116.7	108.6	100.6	91.0	85.2	83.0	83.7	83.0
97.5°	472.8	393.5	314.2	240.1	218.0	196.0	167.4	152.7	144.6	140.2	144.6
100°	685.7	670.3	579.2	478.7	434.2	389.8	328.9	297.3	276.0	262.8	276.0
102.5°	765.0	851.6	848.7	781.9	734.2	686.4	618.9	559.4	531.5	512.4	531.5
105°	739.3	892.0	974.9	984.5	972.4	960.3	914.7	869.2	837.7	827.4	837.7
107.5°	685.0	848.7	972.0	1044.0	1058.6	1073.3	1072.6	1066.0	1056.4	1039.5	1056.4
110°	634.3	789.2	920.6	1014.6	1044.7	1074.8	1106.4	1120.3	1126.9	1126.2	1126.9

TEST NUMBER: P998014

CATALOG NUMBER: SA2XXDIP-B1005D725UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	599.1	734.9	859.7	961.7	997.3	1032.9	1079.9	1105.6	1119.6	1124.7	1119.6
115°	571.2	692.3	805.4	901.5	939.3	977.1	1029.3	1063.0	1082.1	1088.7	1082.1
117.5°	552.1	657.1	758.4	847.9	883.9	919.9	973.5	1009.4	1029.3	1034.4	1029.3
120°	537.4	632.1	723.1	800.9	834.4	867.8	919.1	953.7	974.9	982.3	974.9
122.5°	524.9	612.3	693.8	766.4	795.8	825.2	870.0	903.7	922.1	928.0	922.1
125°	513.2	593.2	668.8	733.4	761.0	788.5	831.0	858.9	877.3	883.2	877.3
127.5°	502.2	574.1	643.8	705.5	731.2	756.9	794.3	820.8	836.9	841.3	836.9
130°	491.1	555.7	618.9	676.9	701.1	725.3	761.3	786.3	800.9	806.8	800.9
132.5°	482.3	538.1	595.4	647.5	669.9	692.3	727.5	752.5	765.7	770.8	765.7
135°	474.3	522.0	570.4	618.9	639.4	660.0	691.6	715.8	729.0	731.9	729.0
137.5°	468.4	508.8	550.6	590.3	608.6	627.0	657.1	678.3	690.1	694.5	690.1
140°	463.2	496.3	531.5	565.3	581.4	597.6	621.1	640.2	651.2	655.6	651.2
142.5°	458.1	486.0	514.6	542.5	555.4	568.2	590.3	607.1	616.7	616.7	616.7
145°	453.7	476.5	500.7	523.4	534.0	544.7	562.4	574.8	582.2	584.4	582.2
147.5°	449.3	469.1	488.9	507.3	515.4	523.4	538.9	549.1	554.3	555.7	554.3
150°	443.4	461.0	477.2	492.6	499.2	505.8	516.8	525.6	530.1	530.8	530.1
152.5°	438.3	453.0	467.6	480.1	485.6	491.1	499.2	506.6	509.5	509.5	509.5
155°	431.7	445.6	457.4	468.4	472.4	476.5	484.5	489.7	492.6	491.1	492.6
157.5°	425.8	436.8	447.1	456.6	459.9	463.2	469.1	473.5	475.0	475.0	475.0
160°	419.2	428.7	436.8	444.9	447.4	450.0	455.2	458.8	459.6	459.6	459.6
162.5°	413.3	420.7	427.3	433.9	435.7	437.5	442.7	444.9	445.6	444.9	445.6
165°	406.7	412.6	417.7	422.9	424.4	425.8	428.7	431.7	431.7	430.9	431.7
167.5°	400.1	404.5	408.9	412.6	414.0	415.5	417.0	418.5	418.5	417.7	418.5
170°	395.0	398.6	400.8	403.8	404.5	405.2	406.0	408.2	407.4	406.0	407.4
172.5°	389.8	392.0	393.5	395.7	396.0	396.4	397.2	397.9	397.2	396.4	397.2
175°	385.4	387.6	388.4	389.1	389.5	389.8	389.8	390.6	389.8	388.4	389.8
177.5°	382.5	384.0	384.0	384.7	384.7	384.7	384.7	384.7	384.0	382.5	384.0
180°	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8

TEST NUMBER: P998014

CATALOG NUMBER: SA2XXDIP-B1005D725UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3
2.5°	2036.5	2026.2	2017.3	2018.8	2026.2	2020.3	2005.5	1986.3	1978.9	1970.0	1978.9
5°	2159.1	2150.2	2132.5	2134.0	2129.5	2123.6	2100.0	2070.5	2070.5	2046.8	2043.9
7.5°	2280.2	2266.9	2255.1	2252.1	2235.9	2224.1	2203.4	2162.0	2145.8	2117.7	2101.5
10°	2416.0	2405.7	2392.4	2376.2	2367.3	2346.6	2312.7	2252.1	2222.6	2184.2	2156.1
12.5°	2553.4	2551.9	2522.4	2489.9	2488.4	2455.9	2432.3	2351.1	2311.2	2259.5	2193.0
15°	2640.5	2633.1	2616.9	2600.6	2605.1	2569.6	2516.5	2420.5	2393.9	2331.9	2261.0
17.5°	2639.0	2639.0	2634.6	2631.7	2627.2	2616.9	2587.3	2523.8	2481.0	2402.7	2336.3
20°	2554.9	2574.1	2578.5	2577.0	2591.8	2599.2	2597.7	2557.8	2523.8	2454.4	2386.5
22.5°	2386.5	2430.8	2450.0	2461.8	2492.8	2509.1	2547.5	2532.7	2523.8	2472.2	2414.6
25°	2230.0	2244.7	2302.3	2305.3	2348.1	2388.0	2426.4	2451.5	2484.0	2464.8	2416.0
27.5°	2027.6	2061.6	2103.0	2134.0	2142.8	2224.1	2287.6	2334.8	2408.7	2414.6	2398.3
30°	1798.7	1815.0	1882.9	1924.3	1971.5	2030.6	2122.2	2203.4	2269.8	2330.4	2351.1
32.5°	1519.6	1586.1	1626.0	1676.2	1717.5	1822.4	1934.6	2039.5	2116.2	2218.1	2262.5
35°	1264.1	1315.8	1383.8	1404.4	1479.8	1568.4	1714.6	1848.9	1965.6	2069.0	2159.1
37.5°	1053.0	1094.3	1166.7	1199.2	1243.5	1357.2	1479.8	1646.6	1786.9	1913.9	2026.2
40°	908.2	939.2	993.9	1004.2	1041.1	1144.5	1243.5	1400.0	1586.1	1757.4	1880.0
42.5°	809.3	824.1	861.0	874.3	897.9	967.3	1055.9	1203.6	1376.4	1553.6	1726.4
45°	738.4	748.7	770.9	782.7	812.2	843.3	915.6	1033.8	1169.6	1348.3	1534.4
47.5°	674.9	688.2	697.0	704.4	720.7	754.6	801.9	889.0	1019.0	1182.9	1363.1
50°	621.7	626.2	642.4	643.9	654.2	676.4	720.7	773.8	877.2	1010.1	1184.4
52.5°	568.6	573.0	583.3	593.7	598.1	615.8	645.4	689.7	766.5	871.3	1026.4
55°	515.4	521.3	531.6	539.0	543.5	558.2	576.0	618.8	679.3	753.2	880.2
57.5°	462.2	475.5	478.5	482.9	490.3	506.5	522.8	547.9	595.1	663.1	756.1
60°	412.0	416.5	426.8	431.2	438.6	447.5	468.1	487.3	521.3	574.5	658.7
62.5°	360.3	370.7	375.1	379.5	385.4	395.8	409.1	429.7	459.3	502.1	568.6
65°	316.0	317.5	326.4	332.3	338.2	345.6	358.9	378.1	395.8	435.7	484.4
67.5°	273.2	276.2	279.1	285.0	292.4	299.8	311.6	321.9	344.1	370.7	409.1
70°	231.9	231.9	239.2	243.7	242.2	251.1	259.9	271.7	288.0	313.1	344.1
72.5°	194.9	193.5	199.4	200.8	203.8	209.7	215.6	227.4	236.3	255.5	279.1
75°	155.1	158.0	161.0	161.0	165.4	169.8	175.7	181.6	192.0	203.8	221.5
77.5°	122.6	122.6	125.5	127.0	131.4	130.0	135.9	141.8	149.2	159.5	172.8
80°	90.1	93.0	93.0	93.0	94.5	96.0	101.9	106.3	110.8	118.1	124.1
82.5°	63.5	63.5	66.5	66.5	66.5	69.4	69.4	70.9	73.8	78.3	82.7
85°	39.9	39.9	39.9	41.4	39.9	41.4	44.3	42.8	44.3	47.3	47.3
87.5°	19.2	19.2	19.2	19.2	19.2	20.7	19.2	20.7	22.2	22.2	22.2
90°	24.2	24.2	24.2	23.8	23.5	22.0	23.5	24.2	25.0	24.2	19.8
92.5°	45.5	48.5	49.2	52.2	55.1	63.1	74.1	94.7	113.1	111.6	86.6
95°	85.2	91.0	100.6	108.6	116.7	147.6	192.3	251.8	287.8	254.7	169.6
97.5°	152.7	167.4	196.0	218.0	240.1	314.2	393.5	472.8	469.1	362.7	225.4
100°	297.3	328.9	389.8	434.2	478.7	579.2	670.3	685.7	580.0	399.4	240.8
102.5°	559.4	618.9	686.4	734.2	781.9	848.7	851.6	765.0	583.6	385.4	241.5
105°	869.2	914.7	960.3	972.4	984.5	974.9	892.0	739.3	544.0	366.3	245.2
107.5°	1066.0	1072.6	1073.3	1058.6	1044.0	972.0	848.7	685.0	507.3	356.1	253.3
110°	1120.3	1106.4	1074.8	1044.7	1014.6	920.6	789.2	634.3	482.3	353.1	263.6

TEST NUMBER: P998014

CATALOG NUMBER: SA2XXDIP-B1005D725UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1105.6	1079.9	1032.9	997.3	961.7	859.7	734.9	599.1	466.2	353.9	274.6
115°	1063.0	1029.3	977.1	939.3	901.5	805.4	692.3	571.2	455.2	356.8	285.6
117.5°	1009.4	973.5	919.9	883.9	847.9	758.4	657.1	552.1	449.3	361.2	297.3
120°	953.7	919.1	867.8	834.4	800.9	723.1	632.1	537.4	444.2	365.6	309.1
122.5°	903.7	870.0	825.2	795.8	766.4	693.8	612.3	524.9	441.2	370.7	319.4
125°	858.9	831.0	788.5	761.0	733.4	668.8	593.2	513.2	437.5	375.9	330.4
127.5°	820.8	794.3	756.9	731.2	705.5	643.8	574.1	502.2	435.3	381.0	340.6
130°	786.3	761.3	725.3	701.1	676.9	618.9	555.7	491.1	433.9	386.9	350.2
132.5°	752.5	727.5	692.3	669.9	647.5	595.4	538.1	482.3	433.1	392.8	359.7
135°	715.8	691.6	660.0	639.4	618.9	570.4	522.0	474.3	432.4	397.2	367.8
137.5°	678.3	657.1	627.0	608.6	590.3	550.6	508.8	468.4	432.4	401.6	374.4
140°	640.2	621.1	597.6	581.4	565.3	531.5	496.3	463.2	431.7	404.5	379.6
142.5°	607.1	590.3	568.2	555.4	542.5	514.6	486.0	458.1	431.7	406.7	384.0
145°	574.8	562.4	544.7	534.0	523.4	500.7	476.5	453.7	430.2	408.2	387.6
147.5°	549.1	538.9	523.4	515.4	507.3	488.9	469.1	449.3	428.0	408.9	389.8
150°	525.6	516.8	505.8	499.2	492.6	477.2	461.0	443.4	425.8	408.2	391.3
152.5°	506.6	499.2	491.1	485.6	480.1	467.6	453.0	438.3	422.1	406.7	392.0
155°	489.7	484.5	476.5	472.4	468.4	457.4	445.6	431.7	417.7	405.2	392.8
157.5°	473.5	469.1	463.2	459.9	456.6	447.1	436.8	425.8	413.3	402.3	392.8
160°	458.8	455.2	450.0	447.4	444.9	436.8	428.7	419.2	408.9	400.1	392.8
162.5°	444.9	442.7	437.5	435.7	433.9	427.3	420.7	413.3	405.2	397.9	392.0
165°	431.7	428.7	425.8	424.4	422.9	417.7	412.6	406.7	400.1	395.0	390.6
167.5°	418.5	417.0	415.5	414.0	412.6	408.9	404.5	400.1	395.7	392.0	389.8
170°	408.2	406.0	405.2	404.5	403.8	400.8	398.6	395.0	392.0	389.8	388.4
172.5°	397.9	397.2	396.4	396.0	395.7	393.5	392.0	389.8	387.6	386.9	386.2
175°	390.6	389.8	389.8	389.5	389.1	388.4	387.6	385.4	384.7	384.0	384.7
177.5°	384.7	384.7	384.7	384.7	384.7	384.0	384.0	382.5	381.8	382.5	384.0
180°	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8

TEST NUMBER: P998014

CATALOG NUMBER: SA2XXDIP-B1005D725UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3
2.5°	1971.5	1964.1	1959.7	1962.7	1953.8	1931.6	1931.6	1939.0	1930.2	1921.3	1908.0
5°	2026.2	2011.4	2002.5	2001.1	1980.4	1944.9	1937.6	1930.2	1911.0	1890.3	1868.1
7.5°	2079.3	2052.7	2038.0	2027.6	1998.1	1952.3	1933.1	1916.9	1885.9	1854.9	1826.8
10°	2123.6	2085.2	2067.5	2051.3	2012.9	1955.3	1924.3	1894.7	1854.9	1815.0	1779.5
12.5°	2159.1	2114.8	2092.6	2069.0	2021.7	1946.4	1908.0	1860.8	1820.9	1767.7	1732.3
15°	2218.1	2126.6	2105.9	2083.8	2035.0	1931.6	1884.4	1831.2	1776.6	1705.7	1667.3
17.5°	2265.4	2142.8	2141.4	2094.1	2030.6	1925.7	1853.4	1784.0	1724.9	1654.0	1593.5
20°	2293.5	2167.9	2144.3	2095.6	2015.8	1885.9	1810.6	1733.8	1670.3	1584.6	1524.1
22.5°	2317.1	2203.4	2141.4	2082.3	1984.8	1872.6	1761.8	1689.5	1602.3	1509.3	1451.7
25°	2326.0	2210.8	2145.8	2077.9	1962.7	1834.2	1708.7	1630.4	1532.9	1448.7	1370.5
27.5°	2327.4	2209.3	2129.5	2058.7	1931.6	1784.0	1655.5	1572.8	1465.0	1367.5	1289.2
30°	2312.7	2193.0	2120.7	2043.9	1902.1	1738.2	1590.5	1498.9	1383.8	1286.3	1205.1
32.5°	2268.4	2160.6	2101.5	2017.3	1863.7	1674.7	1528.5	1426.6	1305.5	1209.5	1131.2
35°	2194.5	2120.7	2055.7	1977.4	1813.5	1615.6	1466.5	1346.8	1224.3	1132.7	1058.9
37.5°	2103.0	2063.1	2002.5	1925.7	1755.9	1562.5	1397.0	1264.1	1141.6	1053.0	980.6
40°	1978.9	1989.2	1930.2	1860.8	1688.0	1490.1	1307.0	1180.0	1064.8	982.1	911.2
42.5°	1844.5	1887.3	1853.4	1786.9	1612.7	1410.3	1240.5	1100.2	988.0	902.3	843.3
45°	1699.8	1773.6	1753.0	1704.2	1534.4	1326.2	1146.0	1010.1	911.2	828.5	776.8
47.5°	1541.8	1646.6	1646.6	1611.2	1447.3	1242.0	1064.8	926.0	828.5	769.4	719.2
50°	1380.8	1498.9	1518.1	1494.5	1349.8	1146.0	965.8	840.3	756.1	698.5	661.6
52.5°	1212.4	1349.8	1385.2	1373.4	1246.4	1054.4	884.6	762.0	685.2	635.0	602.5
55°	1051.5	1211.0	1249.4	1253.8	1135.7	954.0	794.5	686.7	612.9	578.9	550.8
57.5°	899.4	1053.0	1095.8	1103.2	1023.4	862.4	710.3	615.8	549.4	521.3	499.2
60°	769.4	897.9	954.0	970.3	900.8	756.1	632.1	540.5	490.3	463.7	443.0
62.5°	663.1	766.5	825.5	830.0	798.9	663.1	550.8	474.1	431.2	407.6	397.3
65°	559.7	652.7	688.2	705.9	680.8	574.5	475.5	412.0	378.1	357.4	347.0
67.5°	477.0	536.1	565.6	589.2	564.1	484.4	404.6	353.0	327.8	307.2	301.3
70°	391.4	440.1	462.2	485.9	463.7	403.2	345.6	298.3	276.2	259.9	252.5
72.5°	313.1	351.5	372.2	386.9	373.6	323.4	276.2	243.7	227.4	215.6	211.2
75°	248.1	274.7	286.5	296.8	290.9	252.5	223.0	196.4	181.6	171.3	168.4
77.5°	189.0	208.2	221.5	224.5	217.1	192.0	166.9	150.6	138.8	132.9	130.0
80°	134.4	146.2	153.6	158.0	150.6	140.3	122.6	110.8	100.4	93.0	91.6
82.5°	90.1	96.0	101.9	100.4	97.5	88.6	78.3	72.4	67.9	62.0	62.0
85°	51.7	53.2	56.1	57.6	56.1	50.2	44.3	41.4	38.4	34.0	34.0
87.5°	22.2	23.6	23.6	25.1	22.2	22.2	19.2	16.2	16.2	14.8	13.3
90°	14.7	11.0	9.9	8.8	7.3	5.9	2.9	0.7	2.9	5.9	7.3
92.5°	58.7	38.9	34.8	30.8	25.0	21.3	15.4	11.0	15.4	21.3	25.0
95°	105.7	71.9	63.1	54.3	42.6	36.0	28.6	25.7	28.6	36.0	42.6
97.5°	136.6	93.2	83.3	73.4	60.2	50.7	42.6	38.2	42.6	50.7	60.2
100°	151.2	112.3	102.0	91.8	77.1	65.3	58.7	56.5	58.7	65.3	77.1
102.5°	164.4	129.2	119.0	108.7	93.2	81.5	74.9	73.4	74.9	81.5	93.2
105°	179.9	145.4	135.1	124.8	108.7	97.6	92.5	89.6	92.5	97.6	108.7
107.5°	195.3	161.5	151.2	141.0	124.8	114.5	109.4	107.2	109.4	114.5	124.8
110°	210.7	178.4	167.8	157.1	141.7	132.1	127.7	124.8	127.7	132.1	141.7

TEST NUMBER: P998014

CATALOG NUMBER: SA2XXDIP-B1005D725UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	225.4	194.5	183.5	172.5	157.8	149.0	143.9	141.0	143.9	149.0	157.8
115°	240.8	209.2	199.3	189.4	174.7	165.9	161.5	157.8	161.5	165.9	174.7
117.5°	254.7	225.4	215.1	204.8	190.9	182.8	178.4	175.5	178.4	182.8	190.9
120°	269.4	240.8	230.5	220.2	205.6	199.0	194.5	191.6	194.5	199.0	205.6
122.5°	283.4	256.9	246.3	235.7	221.0	213.6	209.2	207.0	209.2	213.6	221.0
125°	297.3	270.9	260.6	250.3	235.7	226.9	222.4	220.2	222.4	226.9	235.7
127.5°	310.5	284.8	274.2	263.6	249.6	240.1	234.2	231.3	234.2	240.1	249.6
130°	322.3	296.6	286.3	276.0	261.4	251.1	243.7	240.8	243.7	251.1	261.4
132.5°	332.6	308.3	298.0	287.8	272.4	261.4	253.3	249.6	253.3	261.4	272.4
135°	342.1	318.6	308.4	298.1	281.2	270.2	261.4	258.4	261.4	270.2	281.2
137.5°	350.2	326.7	317.2	307.6	290.7	279.0	270.2	266.5	270.2	279.0	290.7
140°	356.8	334.8	325.2	315.7	299.5	287.8	279.0	276.0	279.0	287.8	299.5
142.5°	361.9	340.6	331.8	323.0	307.6	295.9	287.8	285.6	287.8	295.9	307.6
145°	367.1	347.2	339.2	331.1	316.4	305.4	298.1	295.1	298.1	305.4	316.4
147.5°	371.5	352.4	345.0	337.7	325.2	314.9	307.6	305.4	307.6	314.9	325.2
150°	374.4	357.5	350.9	344.3	333.3	323.8	317.9	315.7	317.9	323.8	333.3
152.5°	377.3	362.7	356.8	350.9	340.6	332.6	326.7	326.0	326.7	332.6	340.6
155°	380.3	367.8	362.3	356.8	348.7	340.6	336.2	335.5	336.2	340.6	348.7
157.5°	382.5	371.5	366.7	361.9	355.3	348.0	344.3	343.6	344.3	348.0	355.3
160°	384.0	375.1	371.1	367.1	361.2	355.3	352.4	351.7	352.4	355.3	361.2
162.5°	384.7	377.3	374.4	371.5	366.3	361.9	359.0	359.7	359.0	361.9	366.3
165°	385.4	378.8	376.6	374.4	370.7	366.3	364.9	365.6	364.9	366.3	370.7
167.5°	385.4	380.3	378.8	377.3	374.4	371.5	370.0	370.7	370.0	371.5	374.4
170°	384.7	381.0	379.9	378.8	377.3	375.1	374.4	375.9	374.4	375.1	377.3
172.5°	384.0	381.8	381.0	380.3	379.6	377.3	378.1	378.8	378.1	377.3	379.6
175°	383.2	381.8	381.4	381.0	381.0	379.6	380.3	381.0	380.3	379.6	381.0
177.5°	382.5	381.8	381.8	381.8	381.8	380.3	381.0	382.5	381.0	380.3	381.8
180°	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8

TEST NUMBER: P998014

CATALOG NUMBER: SA2XXDIP-B1005D725UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3
2.5°	1900.6	1908.0	1906.5	1891.8	1875.5	1862.2	1837.1	1840.1	1831.2	1832.7	1841.6
5°	1853.4	1853.4	1847.5	1826.8	1800.2	1785.4	1757.4	1750.0	1732.3	1730.8	1729.3
7.5°	1803.2	1795.8	1788.4	1758.9	1726.4	1702.7	1664.3	1655.5	1637.8	1626.0	1620.0
10°	1744.1	1733.8	1719.0	1685.0	1645.2	1615.6	1575.7	1563.9	1530.0	1515.2	1506.3
12.5°	1679.1	1673.2	1649.6	1621.5	1556.5	1524.1	1466.5	1478.3	1444.3	1414.8	1410.3
15°	1614.1	1592.0	1578.7	1532.9	1454.6	1439.9	1394.1	1370.5	1339.5	1315.8	1315.8
17.5°	1550.6	1516.7	1487.1	1438.4	1380.8	1339.5	1305.5	1293.7	1255.3	1231.6	1227.2
20°	1466.5	1428.1	1420.7	1351.3	1311.4	1265.6	1233.1	1203.6	1175.5	1165.2	1157.8
22.5°	1386.7	1342.4	1330.6	1271.5	1231.6	1185.9	1153.4	1132.7	1112.0	1104.6	1091.4
25°	1301.1	1274.5	1256.8	1193.3	1148.9	1106.1	1084.0	1069.2	1050.0	1048.5	1039.7
27.5°	1218.4	1193.3	1175.5	1115.0	1082.5	1042.6	1024.9	1008.7	998.3	993.9	989.5
30°	1147.5	1119.4	1098.7	1054.4	1014.6	982.1	967.3	957.0	951.1	943.7	942.2
32.5°	1069.2	1053.0	1024.9	990.9	959.9	928.9	920.0	912.7	903.8	900.8	899.4
35°	1002.7	980.6	962.9	924.5	911.2	884.6	874.3	868.4	856.5	853.6	850.6
37.5°	937.8	917.1	897.9	874.3	849.2	834.4	828.5	819.6	813.7	815.2	812.2
40°	872.8	856.5	841.8	816.7	801.9	794.5	782.7	773.8	770.9	772.4	770.9
42.5°	809.3	794.5	785.7	766.5	751.7	744.3	736.9	728.1	732.5	732.5	736.9
45°	751.7	738.4	732.5	717.7	708.9	697.0	689.7	688.2	694.1	692.6	692.6
47.5°	692.6	688.2	680.8	667.5	655.7	648.3	646.8	646.8	652.7	655.7	654.2
50°	646.8	638.0	629.1	618.8	609.9	607.0	602.5	605.5	611.4	611.4	614.3
52.5°	589.2	583.3	580.4	571.5	565.6	565.6	565.6	567.1	571.5	576.0	574.5
55°	539.0	534.6	531.6	527.2	519.8	521.3	519.8	522.8	527.2	531.6	534.6
57.5°	485.9	484.4	481.4	474.1	474.1	472.6	477.0	478.5	485.9	488.8	493.3
60°	438.6	434.2	434.2	428.3	428.3	428.3	432.7	437.1	443.0	444.5	447.5
62.5°	388.4	388.4	386.9	382.5	382.5	386.9	388.4	394.3	397.3	397.3	401.7
65°	341.1	339.7	338.2	339.7	341.1	341.1	345.6	348.5	351.5	353.0	354.4
67.5°	293.9	292.4	295.4	293.9	296.8	302.7	301.3	305.7	310.1	310.1	311.6
70°	249.6	252.5	251.1	254.0	252.5	255.5	259.9	261.4	261.4	262.9	267.3
72.5°	208.2	208.2	208.2	206.8	208.2	211.2	214.1	215.6	218.6	220.0	224.5
75°	168.4	168.4	165.4	168.4	168.4	171.3	174.3	174.3	174.3	177.2	181.6
77.5°	127.0	128.5	127.0	130.0	130.0	131.4	134.4	132.9	135.9	137.3	138.8
80°	93.0	91.6	91.6	91.6	93.0	93.0	96.0	97.5	97.5	101.9	98.9
82.5°	59.1	60.5	59.1	60.5	60.5	62.0	60.5	62.0	63.5	66.5	65.0
85°	34.0	32.5	32.5	34.0	32.5	32.5	34.0	32.5	34.0	32.5	34.0
87.5°	13.3	11.8	11.8	11.8	11.8	10.3	10.3	8.9	8.9	8.9	7.4
90°	8.8	9.9	11.0	14.7	19.8	24.2	25.0	24.2	23.5	22.0	23.5
92.5°	30.8	34.8	38.9	58.7	86.6	111.6	113.1	94.7	74.1	63.1	55.1
95°	54.3	63.1	71.9	105.7	169.6	254.7	287.8	251.8	192.3	147.6	116.7
97.5°	73.4	83.3	93.2	136.6	225.4	362.7	469.1	472.8	393.5	314.2	240.1
100°	91.8	102.0	112.3	151.2	240.8	399.4	580.0	685.7	670.3	579.2	478.7
102.5°	108.7	119.0	129.2	164.4	241.5	385.4	583.6	765.0	851.6	848.7	781.9
105°	124.8	135.1	145.4	179.9	245.2	366.3	544.0	739.3	892.0	974.9	984.5
107.5°	141.0	151.2	161.5	195.3	253.3	356.1	507.3	685.0	848.7	972.0	1044.0
110°	157.1	167.8	178.4	210.7	263.6	353.1	482.3	634.3	789.2	920.6	1014.6

TEST NUMBER: P998014

CATALOG NUMBER: SA2XXDIP-B1005D725UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	172.5	183.5	194.5	225.4	274.6	353.9	466.2	599.1	734.9	859.7	961.7
115°	189.4	199.3	209.2	240.8	285.6	356.8	455.2	571.2	692.3	805.4	901.5
117.5°	204.8	215.1	225.4	254.7	297.3	361.2	449.3	552.1	657.1	758.4	847.9
120°	220.2	230.5	240.8	269.4	309.1	365.6	444.2	537.4	632.1	723.1	800.9
122.5°	235.7	246.3	256.9	283.4	319.4	370.7	441.2	524.9	612.3	693.8	766.4
125°	250.3	260.6	270.9	297.3	330.4	375.9	437.5	513.2	593.2	668.8	733.4
127.5°	263.6	274.2	284.8	310.5	340.6	381.0	435.3	502.2	574.1	643.8	705.5
130°	276.0	286.3	296.6	322.3	350.2	386.9	433.9	491.1	555.7	618.9	676.9
132.5°	287.8	298.0	308.3	332.6	359.7	392.8	433.1	482.3	538.1	595.4	647.5
135°	298.1	308.4	318.6	342.1	367.8	397.2	432.4	474.3	522.0	570.4	618.9
137.5°	307.6	317.2	326.7	350.2	374.4	401.6	432.4	468.4	508.8	550.6	590.3
140°	315.7	325.2	334.8	356.8	379.6	404.5	431.7	463.2	496.3	531.5	565.3
142.5°	323.0	331.8	340.6	361.9	384.0	406.7	431.7	458.1	486.0	514.6	542.5
145°	331.1	339.2	347.2	367.1	387.6	408.2	430.2	453.7	476.5	500.7	523.4
147.5°	337.7	345.0	352.4	371.5	389.8	408.9	428.0	449.3	469.1	488.9	507.3
150°	344.3	350.9	357.5	374.4	391.3	408.2	425.8	443.4	461.0	477.2	492.6
152.5°	350.9	356.8	362.7	377.3	392.0	406.7	422.1	438.3	453.0	467.6	480.1
155°	356.8	362.3	367.8	380.3	392.8	405.2	417.7	431.7	445.6	457.4	468.4
157.5°	361.9	366.7	371.5	382.5	392.8	402.3	413.3	425.8	436.8	447.1	456.6
160°	367.1	371.1	375.1	384.0	392.8	400.1	408.9	419.2	428.7	436.8	444.9
162.5°	371.5	374.4	377.3	384.7	392.0	397.9	405.2	413.3	420.7	427.3	433.9
165°	374.4	376.6	378.8	385.4	390.6	395.0	400.1	406.7	412.6	417.7	422.9
167.5°	377.3	378.8	380.3	385.4	389.8	392.0	395.7	400.1	404.5	408.9	412.6
170°	378.8	379.9	381.0	384.7	388.4	389.8	392.0	395.0	398.6	400.8	403.8
172.5°	380.3	381.0	381.8	384.0	386.2	386.9	387.6	389.8	392.0	393.5	395.7
175°	381.0	381.4	381.8	383.2	384.7	384.0	384.7	385.4	387.6	388.4	389.1
177.5°	381.8	381.8	381.8	382.5	384.0	382.5	381.8	382.5	384.0	384.0	384.7
180°	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8

TEST NUMBER: P998014

CATALOG NUMBER: SA2XXDIP-B1005D725UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3
2.5°	1831.2	1835.7	1825.3	1822.4	1825.3	1815.0	1817.9	1820.9	1820.9	1825.3	1828.3
5°	1724.9	1719.0	1708.7	1705.7	1702.7	1707.2	1704.2	1708.7	1710.1	1720.5	1721.9
7.5°	1620.0	1611.2	1602.3	1593.5	1590.5	1583.1	1590.5	1590.5	1600.8	1597.9	1605.3
10°	1496.0	1494.5	1482.7	1478.3	1472.4	1460.6	1476.8	1472.4	1479.8	1493.0	1496.0
12.5°	1404.4	1388.2	1395.6	1374.9	1382.3	1370.5	1371.9	1371.9	1383.8	1385.2	1382.3
15°	1317.3	1304.0	1284.8	1276.0	1271.5	1265.6	1284.8	1286.3	1277.4	1298.1	1290.7
17.5°	1228.7	1228.7	1211.0	1206.5	1194.7	1200.6	1197.7	1199.2	1196.2	1211.0	1218.4
20°	1151.9	1144.5	1138.6	1140.1	1125.3	1122.4	1119.4	1122.4	1132.7	1143.0	1146.0
22.5°	1089.9	1085.4	1070.7	1073.6	1061.8	1066.2	1063.3	1070.7	1072.2	1072.2	1082.5
25°	1030.8	1024.9	1026.4	1020.5	1016.0	1016.0	1011.6	1016.0	1021.9	1024.9	1026.4
27.5°	986.5	982.1	974.7	970.3	973.2	965.8	971.7	976.2	976.2	973.2	976.2
30°	933.3	936.3	936.3	921.5	927.4	924.5	928.9	931.9	931.9	933.3	930.4
32.5°	897.9	889.0	887.6	886.1	886.1	880.2	880.2	884.6	886.1	887.6	892.0
35°	850.6	850.6	843.3	847.7	841.8	843.3	841.8	843.3	846.2	841.8	846.2
37.5°	807.8	809.3	806.3	809.3	810.8	807.8	804.9	810.8	807.8	807.8	804.9
40°	770.9	769.4	770.9	770.9	770.9	772.4	769.4	769.4	769.4	766.5	763.5
42.5°	739.9	731.0	734.0	735.4	731.0	731.0	732.5	731.0	735.4	726.6	726.6
45°	695.6	692.6	694.1	694.1	697.0	692.6	695.6	697.0	692.6	691.1	688.2
47.5°	655.7	658.7	655.7	658.7	658.7	661.6	655.7	657.2	658.7	652.7	648.3
50°	615.8	615.8	620.3	618.8	620.3	617.3	617.3	615.8	617.3	614.3	609.9
52.5°	578.9	574.5	581.9	580.4	578.9	577.4	576.0	577.4	574.5	571.5	571.5
55°	533.1	533.1	537.6	539.0	539.0	536.1	533.1	534.6	533.1	531.6	530.2
57.5°	496.2	490.3	493.3	494.7	494.7	490.3	493.3	490.3	490.3	491.8	487.3
60°	448.9	448.9	446.0	450.4	450.4	447.5	447.5	448.9	446.0	444.5	443.0
62.5°	398.7	400.2	404.6	406.1	407.6	404.6	401.7	403.2	403.2	398.7	400.2
65°	355.9	358.9	364.8	363.3	360.3	361.8	358.9	360.3	355.9	357.4	353.0
67.5°	314.6	313.1	314.6	314.6	317.5	316.0	313.1	313.1	311.6	316.0	311.6
70°	270.3	270.3	270.3	270.3	271.7	273.2	270.3	267.3	268.8	265.8	264.3
72.5°	224.5	225.9	224.5	227.4	223.0	225.9	225.9	224.5	223.0	223.0	223.0
75°	181.6	184.6	180.2	181.6	180.2	183.1	181.6	181.6	178.7	177.2	178.7
77.5°	138.8	140.3	137.3	138.8	137.3	138.8	138.8	137.3	137.3	137.3	137.3
80°	98.9	100.4	98.9	97.5	96.0	98.9	96.0	97.5	98.9	97.5	100.4
82.5°	63.5	63.5	62.0	63.5	60.5	60.5	62.0	62.0	60.5	63.5	60.5
85°	31.0	31.0	34.0	31.0	29.5	29.5	29.5	31.0	29.5	32.5	31.0
87.5°	7.4	5.9	7.4	7.4	5.9	5.9	7.4	5.9	7.4	8.9	5.9
90°	23.8	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	23.8
92.5°	52.2	49.2	48.5	45.5	46.3	44.8	46.3	45.5	48.5	49.2	52.2
95°	108.6	100.6	91.0	85.2	83.0	83.7	83.0	85.2	91.0	100.6	108.6
97.5°	218.0	196.0	167.4	152.7	144.6	140.2	144.6	152.7	167.4	196.0	218.0
100°	434.2	389.8	328.9	297.3	276.0	262.8	276.0	297.3	328.9	389.8	434.2
102.5°	734.2	686.4	618.9	559.4	531.5	512.4	531.5	559.4	618.9	686.4	734.2
105°	972.4	960.3	914.7	869.2	837.7	827.4	837.7	869.2	914.7	960.3	972.4
107.5°	1058.6	1073.3	1072.6	1066.0	1056.4	1039.5	1056.4	1066.0	1072.6	1073.3	1058.6
110°	1044.7	1074.8	1106.4	1120.3	1126.9	1126.2	1126.9	1120.3	1106.4	1074.8	1044.7

TEST NUMBER: P998014

CATALOG NUMBER: SA2XXDIP-B1005D725UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	997.3	1032.9	1079.9	1105.6	1119.6	1124.7	1119.6	1105.6	1079.9	1032.9	997.3
115°	939.3	977.1	1029.3	1063.0	1082.1	1088.7	1082.1	1063.0	1029.3	977.1	939.3
117.5°	883.9	919.9	973.5	1009.4	1029.3	1034.4	1029.3	1009.4	973.5	919.9	883.9
120°	834.4	867.8	919.1	953.7	974.9	982.3	974.9	953.7	919.1	867.8	834.4
122.5°	795.8	825.2	870.0	903.7	922.1	928.0	922.1	903.7	870.0	825.2	795.8
125°	761.0	788.5	831.0	858.9	877.3	883.2	877.3	858.9	831.0	788.5	761.0
127.5°	731.2	756.9	794.3	820.8	836.9	841.3	836.9	820.8	794.3	756.9	731.2
130°	701.1	725.3	761.3	786.3	800.9	806.8	800.9	786.3	761.3	725.3	701.1
132.5°	669.9	692.3	727.5	752.5	765.7	770.8	765.7	752.5	727.5	692.3	669.9
135°	639.4	660.0	691.6	715.8	729.0	731.9	729.0	715.8	691.6	660.0	639.4
137.5°	608.6	627.0	657.1	678.3	690.1	694.5	690.1	678.3	657.1	627.0	608.6
140°	581.4	597.6	621.1	640.2	651.2	655.6	651.2	640.2	621.1	597.6	581.4
142.5°	555.4	568.2	590.3	607.1	616.7	616.7	616.7	607.1	590.3	568.2	555.4
145°	534.0	544.7	562.4	574.8	582.2	584.4	582.2	574.8	562.4	544.7	534.0
147.5°	515.4	523.4	538.9	549.1	554.3	555.7	554.3	549.1	538.9	523.4	515.4
150°	499.2	505.8	516.8	525.6	530.1	530.8	530.1	525.6	516.8	505.8	499.2
152.5°	485.6	491.1	499.2	506.6	509.5	509.5	509.5	506.6	499.2	491.1	485.6
155°	472.4	476.5	484.5	489.7	492.6	491.1	492.6	489.7	484.5	476.5	472.4
157.5°	459.9	463.2	469.1	473.5	475.0	475.0	475.0	473.5	469.1	463.2	459.9
160°	447.4	450.0	455.2	458.8	459.6	459.6	459.6	458.8	455.2	450.0	447.4
162.5°	435.7	437.5	442.7	444.9	445.6	444.9	445.6	444.9	442.7	437.5	435.7
165°	424.4	425.8	428.7	431.7	431.7	430.9	431.7	431.7	428.7	425.8	424.4
167.5°	414.0	415.5	417.0	418.5	418.5	417.7	418.5	418.5	417.0	415.5	414.0
170°	404.5	405.2	406.0	408.2	407.4	406.0	407.4	408.2	406.0	405.2	404.5
172.5°	396.0	396.4	397.2	397.9	397.2	396.4	397.2	397.9	397.2	396.4	396.0
175°	389.5	389.8	389.8	390.6	389.8	388.4	389.8	390.6	389.8	389.8	389.5
177.5°	384.7	384.7	384.7	384.7	384.0	382.5	384.0	384.7	384.7	384.7	384.7
180°	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8

TEST NUMBER: P998014

CATALOG NUMBER: SA2XXDIP-B1005D725UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3
2.5°	1823.8	1835.7	1831.2	1815.0	1834.2	1834.2	1847.5	1847.5	1863.7	1869.6	1878.5
5°	1720.5	1729.3	1736.7	1729.3	1742.6	1763.3	1775.1	1785.4	1807.6	1816.5	1829.8
7.5°	1609.7	1626.0	1633.3	1633.3	1655.5	1679.1	1702.7	1717.5	1748.5	1760.3	1773.6
10°	1501.9	1521.1	1535.9	1534.4	1571.3	1586.1	1615.6	1649.6	1680.6	1698.3	1717.5
12.5°	1388.2	1398.5	1419.2	1448.7	1457.6	1484.2	1518.1	1561.0	1617.1	1633.3	1661.4
15°	1293.7	1321.7	1338.0	1351.3	1371.9	1397.0	1434.0	1475.3	1531.4	1566.9	1596.4
17.5°	1213.9	1250.8	1261.2	1258.2	1284.8	1323.2	1366.0	1397.0	1447.3	1490.1	1518.1
20°	1148.9	1163.7	1181.4	1188.8	1209.5	1250.8	1292.2	1327.6	1369.0	1403.0	1435.4
22.5°	1084.0	1095.8	1110.6	1123.8	1140.1	1163.7	1203.6	1247.9	1287.8	1320.3	1357.2
25°	1030.8	1038.2	1051.5	1061.8	1079.5	1095.8	1123.8	1172.6	1219.8	1239.0	1271.5
27.5°	979.1	985.0	993.9	1005.7	1014.6	1030.8	1055.9	1095.8	1144.5	1163.7	1208.0
30°	933.3	937.8	946.6	952.5	957.0	976.2	995.4	1026.4	1063.3	1089.9	1122.4
32.5°	890.5	894.9	903.8	905.3	911.2	921.5	939.2	967.3	999.8	1021.9	1050.0
35°	843.3	846.2	855.1	858.0	862.4	871.3	884.6	905.3	934.8	951.1	976.2
37.5°	806.3	804.9	810.8	815.2	821.1	825.5	830.0	850.6	872.8	887.6	906.8
40°	766.5	763.5	765.0	770.9	773.8	779.7	779.7	800.4	815.2	827.0	841.8
42.5°	726.6	725.1	722.2	725.1	728.1	729.5	731.0	745.8	760.6	770.9	787.1
45°	686.7	685.2	682.3	683.8	683.8	686.7	691.1	697.0	707.4	716.2	725.1
47.5°	649.8	646.8	642.4	640.9	643.9	643.9	643.9	649.8	660.1	663.1	671.9
50°	611.4	607.0	601.1	598.1	598.1	596.6	599.6	601.1	609.9	612.9	620.3
52.5°	570.0	567.1	561.2	555.3	556.8	553.8	555.3	556.8	559.7	564.1	568.6
55°	528.7	522.8	518.4	516.9	512.4	512.4	508.0	513.9	512.4	513.9	519.8
57.5°	488.8	482.9	475.5	472.6	468.1	466.7	463.7	462.2	463.7	468.1	472.6
60°	441.6	438.6	434.2	429.7	426.8	422.4	419.4	419.4	417.9	417.9	419.4
62.5°	395.8	394.3	388.4	386.9	384.0	381.0	376.6	373.6	373.6	376.6	378.1
65°	351.5	350.0	345.6	344.1	336.7	333.8	332.3	330.8	327.8	327.8	327.8
67.5°	310.1	305.7	305.7	298.3	292.4	289.5	286.5	285.0	285.0	285.0	286.5
70°	264.3	264.3	259.9	255.5	249.6	251.1	246.6	242.2	242.2	239.2	240.7
72.5°	220.0	218.6	214.1	212.7	208.2	203.8	200.8	203.8	199.4	197.9	199.4
75°	177.2	175.7	172.8	169.8	171.3	166.9	162.4	161.0	161.0	158.0	158.0
77.5°	135.9	138.8	132.9	131.4	128.5	125.5	124.1	122.6	122.6	122.6	125.5
80°	94.5	96.0	96.0	93.0	94.5	90.1	90.1	90.1	85.7	87.1	88.6
82.5°	60.5	60.5	59.1	60.5	59.1	59.1	57.6	57.6	56.1	56.1	57.6
85°	34.0	32.5	31.0	34.0	32.5	32.5	31.0	31.0	31.0	31.0	31.0
87.5°	7.4	8.9	8.9	8.9	8.9	10.3	10.3	10.3	11.8	11.8	11.8
90°	23.5	22.0	23.5	24.2	25.0	24.2	19.8	14.7	11.0	9.9	8.8
92.5°	55.1	63.1	74.1	94.7	113.1	111.6	86.6	58.7	38.9	34.8	30.8
95°	116.7	147.6	192.3	251.8	287.8	254.7	169.6	105.7	71.9	63.1	54.3
97.5°	240.1	314.2	393.5	472.8	469.1	362.7	225.4	136.6	93.2	83.3	73.4
100°	478.7	579.2	670.3	685.7	580.0	399.4	240.8	151.2	112.3	102.0	91.8
102.5°	781.9	848.7	851.6	765.0	583.6	385.4	241.5	164.4	129.2	119.0	108.7
105°	984.5	974.9	892.0	739.3	544.0	366.3	245.2	179.9	145.4	135.1	124.8
107.5°	1044.0	972.0	848.7	685.0	507.3	356.1	253.3	195.3	161.5	151.2	141.0
110°	1014.6	920.6	789.2	634.3	482.3	353.1	263.6	210.7	178.4	167.8	157.1

TEST NUMBER: P998014

CATALOG NUMBER: SA2XXDIP-B1005D725UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	961.7	859.7	734.9	599.1	466.2	353.9	274.6	225.4	194.5	183.5	172.5
115°	901.5	805.4	692.3	571.2	455.2	356.8	285.6	240.8	209.2	199.3	189.4
117.5°	847.9	758.4	657.1	552.1	449.3	361.2	297.3	254.7	225.4	215.1	204.8
120°	800.9	723.1	632.1	537.4	444.2	365.6	309.1	269.4	240.8	230.5	220.2
122.5°	766.4	693.8	612.3	524.9	441.2	370.7	319.4	283.4	256.9	246.3	235.7
125°	733.4	668.8	593.2	513.2	437.5	375.9	330.4	297.3	270.9	260.6	250.3
127.5°	705.5	643.8	574.1	502.2	435.3	381.0	340.6	310.5	284.8	274.2	263.6
130°	676.9	618.9	555.7	491.1	433.9	386.9	350.2	322.3	296.6	286.3	276.0
132.5°	647.5	595.4	538.1	482.3	433.1	392.8	359.7	332.6	308.3	298.0	287.8
135°	618.9	570.4	522.0	474.3	432.4	397.2	367.8	342.1	318.6	308.4	298.1
137.5°	590.3	550.6	508.8	468.4	432.4	401.6	374.4	350.2	326.7	317.2	307.6
140°	565.3	531.5	496.3	463.2	431.7	404.5	379.6	356.8	334.8	325.2	315.7
142.5°	542.5	514.6	486.0	458.1	431.7	406.7	384.0	361.9	340.6	331.8	323.0
145°	523.4	500.7	476.5	453.7	430.2	408.2	387.6	367.1	347.2	339.2	331.1
147.5°	507.3	488.9	469.1	449.3	428.0	408.9	389.8	371.5	352.4	345.0	337.7
150°	492.6	477.2	461.0	443.4	425.8	408.2	391.3	374.4	357.5	350.9	344.3
152.5°	480.1	467.6	453.0	438.3	422.1	406.7	392.0	377.3	362.7	356.8	350.9
155°	468.4	457.4	445.6	431.7	417.7	405.2	392.8	380.3	367.8	362.3	356.8
157.5°	456.6	447.1	436.8	425.8	413.3	402.3	392.8	382.5	371.5	366.7	361.9
160°	444.9	436.8	428.7	419.2	408.9	400.1	392.8	384.0	375.1	371.1	367.1
162.5°	433.9	427.3	420.7	413.3	405.2	397.9	392.0	384.7	377.3	374.4	371.5
165°	422.9	417.7	412.6	406.7	400.1	395.0	390.6	385.4	378.8	376.6	374.4
167.5°	412.6	408.9	404.5	400.1	395.7	392.0	389.8	385.4	380.3	378.8	377.3
170°	403.8	400.8	398.6	395.0	392.0	389.8	388.4	384.7	381.0	379.9	378.8
172.5°	395.7	393.5	392.0	389.8	387.6	386.9	386.2	384.0	381.8	381.0	380.3
175°	389.1	388.4	387.6	385.4	384.7	384.0	384.7	383.2	381.8	381.4	381.0
177.5°	384.7	384.0	384.0	382.5	381.8	382.5	384.0	382.5	381.8	381.8	381.8
180°	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8	381.8

TEST NUMBER: P998014

CATALOG NUMBER: SA2XXDIP-B1005D725UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1921.3	1921.3	1921.3	1921.3
2.5°	1885.9	1885.9	1908.0	1931.6
5°	1844.5	1854.9	1890.3	1922.8
7.5°	1804.6	1822.4	1866.7	1908.0
10°	1755.9	1779.5	1834.2	1882.9
12.5°	1708.7	1730.8	1794.3	1848.9
15°	1642.2	1670.3	1738.2	1806.1
17.5°	1575.7	1603.8	1686.5	1766.2
20°	1497.5	1534.4	1627.4	1733.8
22.5°	1425.1	1470.9	1574.3	1659.9
25°	1345.4	1416.2	1512.2	1623.0
27.5°	1274.5	1345.4	1442.8	1555.1
30°	1194.7	1267.1	1367.5	1470.9
32.5°	1117.9	1184.4	1281.9	1408.9
35°	1038.2	1101.7	1196.2	1324.7
37.5°	965.8	1027.9	1131.2	1249.4
40°	894.9	959.9	1048.5	1166.7
42.5°	828.5	886.1	965.8	1084.0
45°	767.9	809.3	883.1	993.9
47.5°	704.4	741.4	809.3	920.0
50°	645.4	676.4	735.4	838.8
52.5°	587.8	614.3	669.0	751.7
55°	536.1	561.2	601.1	682.3
57.5°	482.9	502.1	540.5	605.5
60°	431.2	448.9	480.0	533.1
62.5°	379.5	394.3	423.8	466.7
65°	333.8	345.6	367.7	404.6
67.5°	289.5	296.8	314.6	344.1
70°	246.6	252.5	267.3	290.9
72.5°	200.8	206.8	223.0	239.2
75°	162.4	163.9	175.7	189.0
77.5°	127.0	125.5	134.4	144.7
80°	87.1	91.6	98.9	103.4
82.5°	59.1	60.5	63.5	66.5
85°	32.5	34.0	34.0	38.4
87.5°	13.3	14.8	14.8	16.2
90°	7.3	5.9	2.9	0.7
92.5°	25.0	21.3	15.4	11.0
95°	42.6	36.0	28.6	25.7
97.5°	60.2	50.7	42.6	38.2
100°	77.1	65.3	58.7	56.5
102.5°	93.2	81.5	74.9	73.4
105°	108.7	97.6	92.5	89.6
107.5°	124.8	114.5	109.4	107.2
110°	141.7	132.1	127.7	124.8



TEST NUMBER: P998014

CATALOG NUMBER: SA2XXDIP-B1005D725UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	157.8	149.0	143.9	141.0
115°	174.7	165.9	161.5	157.8
117.5°	190.9	182.8	178.4	175.5
120°	205.6	199.0	194.5	191.6
122.5°	221.0	213.6	209.2	207.0
125°	235.7	226.9	222.4	220.2
127.5°	249.6	240.1	234.2	231.3
130°	261.4	251.1	243.7	240.8
132.5°	272.4	261.4	253.3	249.6
135°	281.2	270.2	261.4	258.4
137.5°	290.7	279.0	270.2	266.5
140°	299.5	287.8	279.0	276.0
142.5°	307.6	295.9	287.8	285.6
145°	316.4	305.4	298.1	295.1
147.5°	325.2	314.9	307.6	305.4
150°	333.3	323.8	317.9	315.7
152.5°	340.6	332.6	326.7	326.0
155°	348.7	340.6	336.2	335.5
157.5°	355.3	348.0	344.3	343.6
160°	361.2	355.3	352.4	351.7
162.5°	366.3	361.9	359.0	359.7
165°	370.7	366.3	364.9	365.6
167.5°	374.4	371.5	370.0	370.7
170°	377.3	375.1	374.4	375.9
172.5°	379.6	377.3	378.1	378.8
175°	381.0	379.6	380.3	381.0
177.5°	381.8	380.3	381.0	382.5
180°	381.8	381.8	381.8	381.8

TEST NUMBER: P998014

CATALOG NUMBER: SA2XXDIP-B1005D725UB50-4F0-XX-W2A-A4

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	18.72	19.65	19.58	20.52	21.62	16.21	17.14	17.07	18.02	19.12
	3H	19.53	20.37	20.41	21.25	22.38	17.56	18.39	18.43	19.28	20.41
	4H	19.71	20.49	20.59	21.38	22.52	18.03	18.81	18.91	19.70	20.84
	6H	19.75	20.48	20.65	21.38	22.53	18.34	19.06	19.24	19.96	21.11
	8H	19.74	20.42	20.64	21.34	22.49	18.42	19.11	19.33	20.03	21.18
	12H	19.70	20.36	20.61	21.27	22.44	18.47	19.12	19.38	20.03	21.21
4H	2H	18.77	19.55	19.66	20.44	21.58	16.66	17.45	17.56	18.34	19.48
	3H	19.75	20.41	20.66	21.33	22.48	18.13	18.78	19.04	19.71	20.86
	4H	20.03	20.63	20.95	21.55	22.73	18.67	19.26	19.58	20.18	21.36
	6H	20.17	20.68	21.10	21.62	22.80	19.05	19.56	19.98	20.51	21.69
	8H	20.17	20.64	21.10	21.58	22.77	19.16	19.64	20.10	20.58	21.77
	12H	20.13	20.56	21.08	21.52	22.72	19.22	19.65	20.17	20.61	21.81
8H	4H	20.05	20.53	20.98	21.46	22.65	18.82	19.29	19.75	20.23	21.42
	6H	20.23	20.62	21.19	21.60	22.79	19.25	19.65	20.21	20.63	21.82
	8H	20.26	20.61	21.23	21.58	22.79	19.40	19.75	20.37	20.72	21.93
	12H	20.25	20.55	21.22	21.52	22.77	19.50	19.81	20.47	20.77	22.03
12H	4H	20.01	20.44	20.96	21.39	22.59	18.79	19.22	19.74	20.18	21.38
	6H	20.21	20.56	21.17	21.53	22.74	19.25	19.60	20.22	20.57	21.78
	8H	20.24	20.55	21.21	21.51	22.77	19.41	19.72	20.38	20.68	21.94