

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: P999193

Luminaire Tested: SA2XXDIP-B865D725UB40-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P999193
REPORT IS A COMBINATION OF REPORTS P984942 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B865D725UB40-4F0-XX-W2A-A4
Description: Define 2 Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

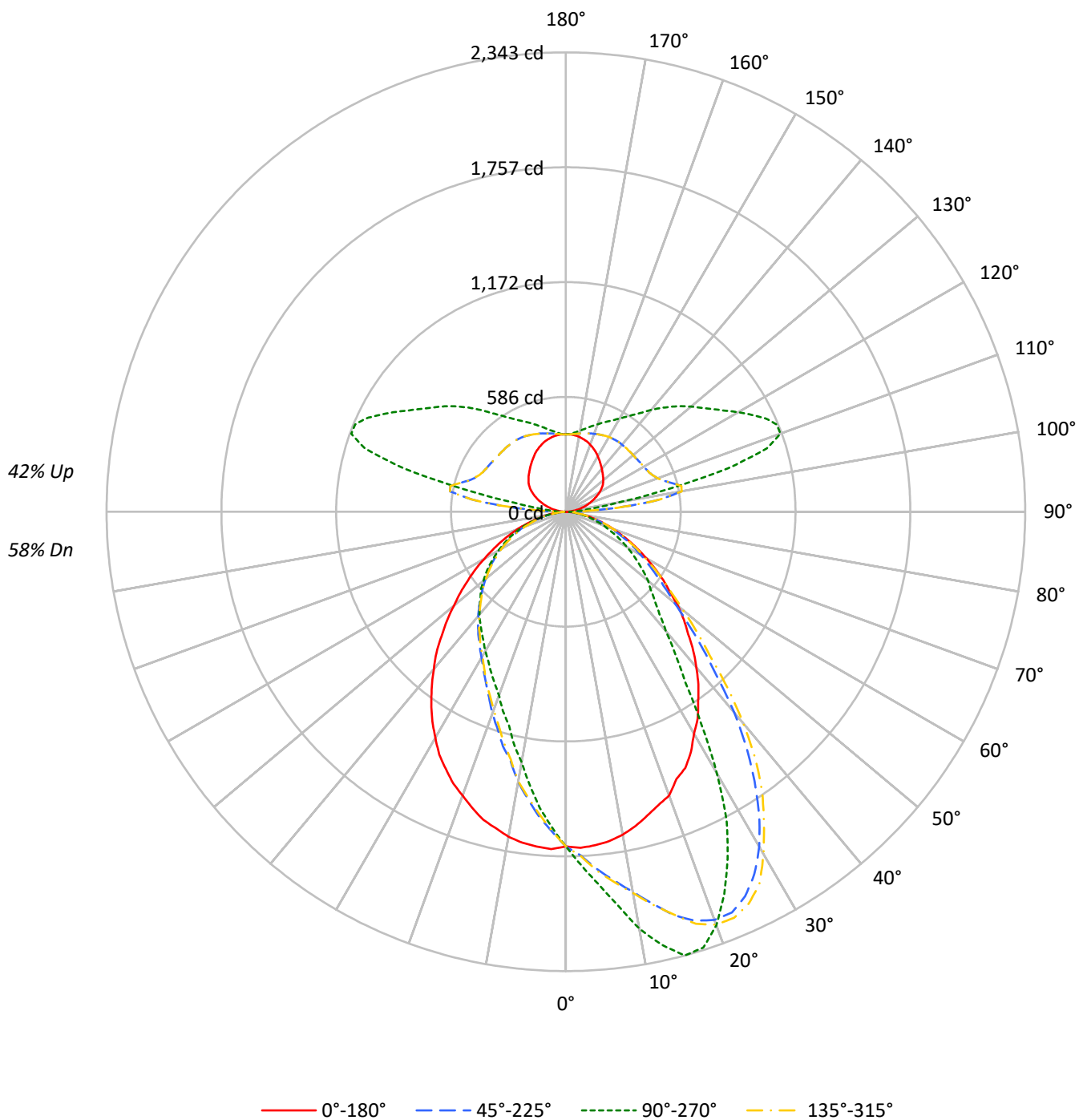
Lumens per Lamp: N/A
Luminaire Lumens: 6517.0 lumens
Efficiency: N/A
Efficacy: 96.0 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 67.9
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	109	109	109	109	102	102	102	102	88	88	88	75	75	75	63	63	63
1	100	96	92	89	93	90	86	83	78	75	73	67	65	64	57	56	55
2	92	84	78	73	85	79	74	69	69	65	62	59	57	54	51	49	47
3	84	75	68	62	78	70	64	59	61	56	52	53	49	46	45	43	40
4	77	67	59	53	72	62	56	50	55	49	45	48	44	40	41	38	35
5	71	60	52	46	66	56	49	44	49	44	39	43	39	35	37	34	31
6	66	54	46	40	61	51	43	38	45	39	35	39	35	31	34	30	28
7	61	49	41	35	57	46	39	34	41	35	31	36	31	28	31	28	25
8	57	44	37	32	53	42	35	30	37	32	28	33	28	25	29	25	23
9	53	41	33	28	49	39	32	27	34	29	25	30	26	23	27	23	20
10	49	38	30	26	46	36	29	25	32	26	23	28	24	21	25	21	19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	27013	27013	27013	27013
5°	27077	28801	27180	22914
10°	26763	31441	26931	18891
15°	26114	33163	26477	15913
20°	25706	31139	25706	13832
25°	24887	26752	25001	12368
30°	23539	21029	23987	11203
35°	22345	14541	22718	10251
40°	20972	10979	21211	9491
45°	19278	9022	19595	8671
50°	17816	7919	17847	7938
55°	16148	6748	16251	7141
60°	14368	5636	14568	6232
65°	12776	4584	13011	5323
70°	11191	3597	11476	4294
75°	9392	2611	9762	3112
80°	7329	1655	7856	1848
85°	4817	832	5184	616

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 27922 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	162.5	2.5
10°-20°	473.1	7.3
20°-30°	686.6	10.5
30°-40°	723.8	11.1
40°-50°	640.5	9.8
50°-60°	511.4	7.8
60°-70°	347.4	5.3
70°-80°	177.7	2.7
80°-90°	44.5	0.7
90°-100°	153.9	2.4
100°-110°	542.0	8.3
110°-120°	569.2	8.7
120°-130°	468.3	7.2
130°-140°	376.2	5.8
140°-150°	284.2	4.4
150°-160°	199.8	3.1
160°-170°	117.6	1.8
170°-180°	38.3	0.6
0°-30°	1322.2	20.3
0°-40°	2046.0	31.4
0°-60°	3197.9	49.1
0°-90°	3767.5	57.8
90°-120°	1265.1	19.4
90°-150°	2393.8	36.7
90°-180°	2749.0	42.2
0°-180°	6517.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1706	1706	1706	1706	1706	
5°	1708	1906	1714	1516	1708	162
15°	1604	2343	1626	1124	1604	453
25°	1442	1952	1448	902	1442	659
35°	1177	1062	1196	749	1177	736
45°	883	640	897	615	883	685
55°	606	450	610	476	606	541
65°	359	277	366	321	359	357
75°	168	136	174	163	168	180
85°	34	35	37	26	34	40
90°	1	25	1	25	1	4
95°	27	87	27	87	27	27
105°	93	856	93	856	93	98
115°	163	1126	163	1126	163	162
125°	228	913	228	913	228	202
135°	267	757	267	757	267	206
145°	305	604	305	604	305	191
155°	347	508	347	508	347	160
165°	378	446	378	446	378	107
175°	394	402	394	402	394	37
180°	395	395	395	395	395	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5
2.5°	1715.7	1719.6	1726.1	1727.5	1740.6	1751.1	1762.9	1762.9	1766.8	1765.5	1755.0
5°	1707.8	1719.6	1736.6	1751.1	1774.7	1785.2	1800.9	1812.7	1823.2	1831.1	1829.8
7.5°	1694.7	1715.7	1740.6	1768.1	1799.6	1818.0	1840.3	1861.2	1875.7	1888.8	1898.0
10°	1672.4	1707.8	1741.9	1778.6	1819.3	1844.2	1870.4	1898.0	1920.3	1945.2	1968.8
12.5°	1642.2	1693.4	1735.3	1783.9	1833.7	1861.2	1903.2	1924.2	1967.5	2030.5	2047.5
15°	1604.2	1673.7	1713.0	1774.7	1840.3	1862.6	1920.3	1954.4	2043.6	2082.9	2130.1
17.5°	1568.7	1646.1	1698.6	1769.4	1833.7	1877.0	1933.4	2002.9	2077.7	2134.1	2186.5
20°	1539.9	1614.7	1677.6	1756.3	1837.6	1892.7	1951.8	2035.7	2117.0	2174.7	2215.4
22.5°	1474.3	1570.1	1643.5	1731.4	1829.8	1905.8	1962.2	2054.1	2141.9	2177.4	2212.8
25°	1441.5	1524.2	1609.4	1709.1	1824.5	1915.0	1963.6	2065.9	2143.3	2156.4	2164.2
27.5°	1381.2	1474.3	1574.0	1688.1	1823.2	1899.3	1960.9	2054.1	2115.7	2106.5	2082.9
30°	1306.4	1420.5	1530.7	1654.0	1804.8	1887.5	1945.2	2030.5	2061.9	2014.7	1972.7
32.5°	1251.3	1358.9	1480.9	1623.8	1783.9	1862.6	1919.0	1985.9	1992.4	1907.2	1836.3
35°	1176.6	1295.9	1433.6	1584.5	1748.4	1819.3	1871.7	1912.4	1880.9	1761.6	1677.6
37.5°	1109.7	1227.7	1374.6	1528.1	1699.9	1769.4	1811.4	1818.0	1740.6	1635.6	1512.3
40°	1036.2	1158.2	1311.7	1473.0	1646.1	1706.5	1732.7	1713.0	1601.5	1479.6	1336.6
42.5°	962.8	1083.4	1248.7	1414.0	1577.9	1629.1	1639.6	1585.8	1449.4	1306.4	1141.1
45°	882.7	1008.7	1173.9	1340.5	1499.2	1528.1	1529.4	1452.0	1290.7	1141.1	987.7
47.5°	817.2	933.9	1097.9	1264.4	1398.2	1417.9	1410.0	1320.8	1145.1	977.2	843.4
50°	745.0	856.5	1019.2	1183.1	1297.2	1302.5	1282.8	1155.6	983.7	830.3	724.0
52.5°	667.6	780.4	930.0	1087.4	1189.7	1181.8	1143.8	1007.4	846.0	718.8	637.5
55°	606.0	705.7	846.0	999.5	1071.6	1049.3	1007.4	868.3	741.1	633.5	562.7
57.5°	537.8	625.7	763.4	897.2	939.2	918.2	876.2	746.3	628.3	547.0	499.7
60°	473.5	553.5	674.2	785.7	818.5	796.2	747.6	630.9	545.7	477.4	442.0
62.5°	414.5	484.0	585.0	687.3	700.4	678.1	636.2	541.7	468.3	414.5	388.3
65°	359.4	425.0	506.3	583.7	595.5	571.9	528.6	460.4	398.7	364.6	339.7
67.5°	305.6	358.1	430.2	486.6	493.2	470.9	435.5	380.4	342.3	305.6	287.3
70°	258.4	297.7	354.1	400.1	402.7	381.7	363.3	313.5	284.6	258.4	244.0
72.5°	212.5	240.0	283.3	317.4	318.7	305.6	288.6	257.1	232.2	213.8	199.4
75°	167.9	191.5	217.7	247.9	246.6	236.1	223.0	203.3	182.3	170.5	164.0
77.5°	128.5	143.0	164.0	183.6	183.6	178.4	170.5	156.1	143.0	131.2	124.6
80°	91.8	101.0	118.0	124.6	127.2	125.9	119.4	108.9	103.6	94.4	91.8
82.5°	59.0	65.6	73.5	80.0	83.9	81.3	80.0	74.8	66.9	64.3	61.6
85°	34.1	36.7	40.7	44.6	45.9	44.6	47.2	43.3	39.3	39.3	38.0
87.5°	14.4	15.7	18.4	18.4	19.7	19.7	18.4	19.7	19.7	18.4	17.1
90°	0.8	3.0	6.1	7.6	9.1	10.2	11.4	15.2	20.5	25.1	25.8
92.5°	11.4	15.9	22.0	25.8	31.9	36.0	40.2	60.7	89.6	115.4	116.9
95°	26.6	29.6	37.2	44.0	56.2	65.3	74.4	109.3	175.4	263.5	297.6
97.5°	39.5	44.0	52.4	62.3	75.9	86.2	96.4	141.2	233.1	375.1	485.2
100°	58.5	60.7	67.6	79.7	94.9	105.6	116.2	156.4	249.0	413.0	599.8
102.5°	75.9	77.4	84.3	96.4	112.4	123.0	133.6	170.1	249.8	398.6	603.6
105°	92.6	95.7	101.0	112.4	129.1	139.7	150.3	186.0	253.6	378.9	562.6
107.5°	110.9	113.1	118.4	129.1	145.8	156.4	167.0	202.0	261.9	368.2	524.6
110°	129.1	132.1	136.7	146.5	162.5	173.5	184.5	217.9	272.6	365.2	498.8

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	145.8	148.8	154.1	163.2	178.4	189.8	201.2	233.1	284.0	366.0	482.1
115°	163.2	167.0	171.6	180.7	195.9	206.2	216.4	249.0	295.3	369.0	470.7
117.5°	181.5	184.5	189.1	197.4	211.8	222.4	233.1	263.5	307.5	373.6	464.7
120°	198.2	201.2	205.8	212.6	227.8	238.4	249.0	278.6	319.6	378.1	459.3
122.5°	214.1	216.4	220.9	228.5	243.7	254.7	265.7	293.1	330.3	383.4	456.3
125°	227.8	230.1	234.6	243.7	258.9	269.5	280.2	307.5	341.7	388.7	452.5
127.5°	239.2	242.2	248.3	258.1	272.6	283.6	294.6	321.2	352.3	394.1	450.2
130°	249.0	252.1	259.7	270.3	285.5	296.1	306.7	333.3	362.2	400.1	448.7
132.5°	258.1	261.9	270.3	281.7	297.6	308.2	318.9	343.9	372.0	406.2	448.0
135°	267.3	270.3	279.4	290.8	308.3	318.9	329.5	353.8	380.4	410.8	447.2
137.5°	275.6	279.4	288.5	300.7	318.1	328.0	337.9	362.2	387.2	415.3	447.2
140°	285.5	288.5	297.6	309.8	326.5	336.4	346.2	369.0	392.5	418.3	446.4
142.5°	295.3	297.6	306.0	318.1	334.1	343.2	352.3	374.3	397.1	420.6	446.4
145°	305.2	308.3	315.8	327.2	342.4	350.8	359.1	379.6	400.9	422.1	444.9
147.5°	315.8	318.1	325.7	336.3	349.3	356.8	364.4	384.2	403.2	422.9	442.6
150°	326.5	328.8	334.8	344.7	356.1	363.0	369.8	387.2	404.7	422.1	440.4
152.5°	337.1	337.9	343.9	352.3	362.9	369.0	375.1	390.3	405.4	420.6	436.6
155°	347.0	347.7	352.3	360.6	369.0	374.7	380.4	393.3	406.2	419.1	432.0
157.5°	355.3	356.1	359.9	367.5	374.3	379.2	384.2	395.6	406.2	416.1	427.5
160°	363.7	364.4	367.5	373.6	379.6	383.8	388.0	397.1	406.2	413.8	422.9
162.5°	372.0	371.3	374.3	378.9	384.2	387.2	390.3	397.8	405.4	411.5	419.1
165°	378.1	377.3	378.9	383.4	387.2	389.5	391.8	398.6	403.9	408.5	413.8
167.5°	383.4	382.7	384.2	387.2	390.3	391.8	393.3	398.6	403.2	405.4	409.2
170°	388.7	387.2	388.0	390.3	391.8	393.0	394.1	397.8	401.6	403.2	405.4
172.5°	391.8	391.0	390.3	392.5	393.3	394.0	394.8	397.1	399.4	400.1	400.9
175°	394.1	393.3	392.5	394.1	394.1	394.5	394.8	396.3	397.8	397.1	397.8
177.5°	395.6	394.1	393.3	394.8	394.8	394.8	394.8	395.6	397.1	395.6	394.8
180°	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5
2.5°	1773.4	1774.7	1777.3	1790.4	1797.0	1798.3	1793.0	1804.8	1808.8	1804.8	1802.2
5°	1857.3	1865.2	1880.9	1898.0	1896.7	1898.0	1905.8	1913.7	1916.3	1905.8	1909.8
7.5°	1930.8	1946.5	1963.6	1989.8	1989.8	2002.9	2008.2	2014.7	2030.5	2022.6	2020.0
10°	2014.7	2035.7	2067.2	2109.2	2110.5	2123.6	2136.7	2157.7	2164.2	2159.0	2161.6
12.5°	2119.6	2160.3	2162.9	2208.8	2229.8	2232.5	2253.4	2249.5	2262.6	2262.6	2284.9
15°	2165.6	2228.5	2263.9	2308.5	2321.6	2305.9	2323.0	2341.3	2342.6	2342.6	2341.3
17.5°	2248.2	2273.1	2308.5	2332.1	2337.4	2337.4	2338.7	2346.6	2341.3	2330.8	2338.7
20°	2265.2	2275.7	2288.9	2286.2	2288.9	2275.7	2262.6	2249.5	2250.8	2244.3	2263.9
22.5°	2233.8	2231.1	2201.0	2181.3	2181.3	2155.1	2130.1	2118.3	2106.5	2110.5	2117.0
25°	2155.1	2114.4	2077.7	2048.8	2042.3	2000.3	1966.2	1955.7	1936.0	1951.8	1954.4
27.5°	2029.1	1983.2	1924.2	1899.3	1865.2	1848.1	1824.5	1793.0	1752.4	1776.0	1772.1
30°	1894.0	1825.8	1777.3	1717.0	1663.2	1659.3	1614.7	1562.2	1541.2	1541.2	1553.0
32.5°	1743.2	1652.7	1581.9	1496.6	1444.1	1421.8	1368.1	1315.6	1327.4	1288.1	1302.5
35°	1567.4	1448.1	1358.9	1276.2	1236.9	1210.7	1141.1	1112.3	1080.8	1062.4	1096.6
37.5°	1399.5	1261.8	1147.7	1057.2	1042.8	995.6	948.3	930.0	911.6	919.5	918.2
40°	1194.9	1072.9	970.6	899.8	874.9	852.6	821.1	798.8	787.0	793.6	794.9
42.5°	1010.0	907.7	831.6	781.8	760.8	745.0	729.3	710.9	707.0	707.0	712.2
45°	867.0	783.1	731.9	691.2	679.4	667.6	655.8	648.0	645.3	640.1	644.0
47.5°	752.9	686.0	654.5	624.4	611.2	608.6	598.1	594.2	588.9	587.6	588.9
50°	657.1	615.2	586.3	569.3	560.1	556.1	550.9	543.0	540.4	547.0	544.3
52.5°	590.2	550.9	535.2	518.1	512.9	507.6	499.7	501.1	499.7	497.1	497.1
55°	523.4	498.4	482.7	469.6	468.3	463.0	456.5	453.8	452.5	449.9	453.8
57.5°	469.6	449.9	435.5	423.7	418.4	418.4	411.9	406.6	406.6	405.3	406.6
60°	415.8	396.1	386.9	375.1	371.2	369.9	366.0	363.3	359.4	359.4	359.4
62.5°	366.0	350.2	339.7	329.2	330.5	324.0	318.7	316.1	316.1	317.4	317.4
65°	318.7	308.2	295.1	285.9	283.3	282.0	279.4	278.1	274.1	276.8	276.8
67.5°	275.4	261.0	253.2	249.2	245.3	244.0	241.3	238.7	237.4	236.1	238.7
70°	232.2	220.4	213.8	211.2	207.2	205.9	204.6	200.7	202.0	203.3	204.6
72.5°	192.8	182.3	181.0	173.1	173.1	173.1	167.9	170.5	169.2	166.6	169.2
75°	152.2	146.9	144.3	140.3	141.7	140.3	139.0	135.1	135.1	136.4	137.7
77.5°	120.7	115.4	114.1	110.2	107.6	110.2	107.6	106.2	106.2	107.6	107.6
80°	89.2	86.6	82.6	82.6	82.6	81.3	81.3	81.3	80.0	78.7	80.0
82.5°	59.0	59.0	57.7	56.4	57.7	55.1	56.4	56.4	56.4	56.4	56.4
85°	38.0	36.7	36.7	35.4	35.4	35.4	36.7	34.1	34.1	35.4	35.4
87.5°	17.1	17.1	17.1	18.4	17.1	17.1	17.1	18.4	17.1	17.1	17.1
90°	25.1	24.3	22.8	24.3	24.7	25.1	25.1	25.1	25.1	25.1	25.1
92.5°	97.9	76.7	65.3	56.9	53.9	50.9	50.1	47.1	47.8	46.3	47.8
95°	260.4	198.9	152.6	120.7	112.4	104.0	94.1	88.1	85.8	86.6	85.8
97.5°	489.0	407.0	325.0	248.3	225.5	202.7	173.1	157.9	149.6	145.0	149.6
100°	709.1	693.2	599.0	495.0	449.1	403.2	340.1	307.5	285.5	271.8	285.5
102.5°	791.1	880.7	877.7	808.6	759.2	709.9	640.0	578.5	549.7	530.0	549.7
105°	764.6	922.5	1008.3	1018.2	1005.6	993.1	946.0	899.0	866.3	855.7	866.3
107.5°	708.4	877.7	1005.2	1079.7	1094.8	1110.0	1109.3	1102.4	1092.6	1075.1	1092.6
110°	656.0	816.2	952.1	1049.3	1080.4	1111.5	1144.2	1158.6	1165.4	1164.7	1165.4

TEST NUMBER: P999193

CATALOG NUMBER: SA2XXDIP-B865D725UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	619.5	760.0	889.1	994.6	1031.4	1068.3	1116.9	1143.4	1157.9	1163.2	1157.9
115°	590.7	716.0	832.9	932.4	971.5	1010.6	1064.5	1099.4	1119.1	1126.0	1119.1
117.5°	571.0	679.5	784.3	876.9	914.1	951.3	1006.8	1044.0	1064.5	1069.8	1064.5
120°	555.8	653.7	747.9	828.3	862.8	897.4	950.6	986.3	1008.3	1015.9	1008.3
122.5°	542.9	633.2	717.5	792.7	823.0	853.4	899.7	934.6	953.6	959.7	953.6
125°	530.7	613.5	691.7	758.5	787.0	815.4	859.5	888.3	907.3	913.4	907.3
127.5°	519.3	593.7	665.9	729.6	756.2	782.8	821.5	848.8	865.5	870.1	865.5
130°	507.9	574.8	640.0	700.0	725.0	750.1	787.3	813.2	828.3	834.4	828.3
132.5°	498.8	556.5	615.8	669.7	692.8	716.0	752.4	778.2	791.9	797.2	791.9
135°	490.5	539.8	589.9	640.0	661.3	682.6	715.2	740.3	753.9	757.0	753.9
137.5°	484.4	526.2	569.4	610.4	629.4	648.4	679.5	701.5	713.7	718.2	713.7
140°	479.1	513.3	549.7	584.6	601.3	618.0	642.3	662.1	673.5	678.0	673.5
142.5°	473.8	502.6	532.2	561.1	574.4	587.7	610.4	627.9	637.8	637.8	637.8
145°	469.2	492.8	517.8	541.3	552.3	563.4	581.6	594.5	602.1	604.4	602.1
147.5°	464.7	485.2	505.7	524.6	533.0	541.3	557.3	567.9	573.2	574.8	573.2
150°	458.6	476.8	493.5	509.5	516.3	523.1	534.5	543.6	548.2	548.9	548.2
152.5°	453.3	468.5	483.6	496.5	502.2	507.9	516.3	523.9	526.9	526.9	526.9
155°	446.4	460.9	473.0	484.4	488.6	492.8	501.1	506.4	509.5	507.9	509.5
157.5°	440.4	451.8	462.4	472.3	475.7	479.1	485.2	489.7	491.2	491.2	491.2
160°	433.5	443.4	451.8	460.1	462.8	465.4	470.7	474.5	475.3	475.3	475.3
162.5°	427.5	435.0	441.9	448.7	450.6	452.5	457.8	460.1	460.9	460.1	460.9
165°	420.6	426.7	432.0	437.3	438.8	440.4	443.4	446.4	446.4	445.7	446.4
167.5°	413.8	418.3	422.9	426.7	428.2	429.7	431.3	432.8	432.8	432.0	432.8
170°	408.5	412.3	414.5	417.6	418.4	419.1	419.9	422.1	421.4	419.9	421.4
172.5°	403.2	405.4	407.0	409.2	409.6	410.0	410.8	411.5	410.8	410.0	410.8
175°	398.6	400.9	401.6	402.4	402.8	403.2	403.2	403.9	403.2	401.6	403.2
177.5°	395.6	397.1	397.1	397.8	397.8	397.8	397.8	397.8	397.1	395.6	397.1
180°	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8

TEST NUMBER: P999193

CATALOG NUMBER: SA2XXDIP-B865D725UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5
2.5°	1808.8	1799.6	1791.7	1793.0	1799.6	1794.4	1781.2	1764.2	1757.6	1749.8	1757.6
5°	1917.7	1909.8	1894.0	1895.4	1891.4	1886.2	1865.2	1839.0	1839.0	1818.0	1815.3
7.5°	2025.2	2013.4	2002.9	2000.3	1985.9	1975.4	1957.0	1920.3	1905.8	1880.9	1866.5
10°	2145.9	2136.7	2124.9	2110.5	2102.6	2084.2	2054.1	2000.3	1974.1	1939.9	1915.0
12.5°	2267.9	2266.6	2240.3	2211.5	2210.2	2181.3	2160.3	2088.2	2052.8	2006.8	1947.8
15°	2345.3	2338.7	2324.3	2309.8	2313.8	2282.3	2235.1	2149.8	2126.2	2071.1	2008.2
17.5°	2343.9	2343.9	2340.0	2337.4	2333.4	2324.3	2298.0	2241.6	2203.6	2134.1	2075.1
20°	2269.2	2286.2	2290.2	2288.9	2302.0	2308.5	2307.2	2271.8	2241.6	2180.0	2119.6
22.5°	2119.6	2159.0	2176.0	2186.5	2214.1	2228.5	2262.6	2249.5	2241.6	2195.7	2144.6
25°	1980.6	1993.7	2044.9	2047.5	2085.5	2121.0	2155.1	2177.4	2206.2	2189.2	2145.9
27.5°	1800.9	1831.1	1867.8	1895.4	1903.2	1975.4	2031.8	2073.7	2139.3	2144.6	2130.1
30°	1597.6	1612.0	1672.4	1709.1	1751.1	1803.5	1884.9	1957.0	2016.0	2069.8	2088.2
32.5°	1349.7	1408.7	1444.1	1488.7	1525.5	1618.6	1718.3	1811.4	1879.6	1970.1	2009.5
35°	1122.8	1168.7	1229.0	1247.4	1314.3	1393.0	1522.8	1642.2	1745.8	1837.6	1917.7
37.5°	935.2	971.9	1036.2	1065.1	1104.4	1205.4	1314.3	1462.5	1587.1	1699.9	1799.6
40°	806.7	834.2	882.7	891.9	924.7	1016.5	1104.4	1243.5	1408.7	1560.9	1669.7
42.5°	718.8	731.9	764.7	776.5	797.5	859.1	937.8	1069.0	1222.5	1379.9	1533.3
45°	655.8	665.0	684.7	695.2	721.4	749.0	813.2	918.2	1038.8	1197.5	1362.8
47.5°	599.4	611.2	619.1	625.7	640.1	670.3	712.2	789.6	905.0	1050.6	1210.7
50°	552.2	556.1	570.6	571.9	581.1	600.7	640.1	687.3	779.1	897.2	1052.0
52.5°	505.0	508.9	518.1	527.3	531.2	547.0	573.2	612.5	680.8	773.9	911.6
55°	457.8	463.0	472.2	478.8	482.7	495.8	511.5	549.6	603.4	668.9	781.8
57.5°	410.6	422.4	425.0	428.9	435.5	449.9	464.3	486.6	528.6	588.9	671.6
60°	366.0	369.9	379.1	383.0	389.6	397.4	415.8	432.8	463.0	510.2	585.0
62.5°	320.0	329.2	333.2	337.1	342.3	351.5	363.3	381.7	407.9	446.0	505.0
65°	280.7	282.0	289.9	295.1	300.4	306.9	318.7	335.8	351.5	386.9	430.2
67.5°	242.7	245.3	247.9	253.2	259.7	266.3	276.8	285.9	305.6	329.2	363.3
70°	205.9	205.9	212.5	216.4	215.1	223.0	230.9	241.3	255.8	278.1	305.6
72.5°	173.1	171.8	177.1	178.4	181.0	186.3	191.5	202.0	209.9	226.9	247.9
75°	137.7	140.3	143.0	143.0	146.9	150.8	156.1	161.3	170.5	181.0	196.7
77.5°	108.9	108.9	111.5	112.8	116.7	115.4	120.7	125.9	132.5	141.7	153.5
80°	80.0	82.6	82.6	82.6	83.9	85.3	90.5	94.4	98.4	104.9	110.2
82.5°	56.4	56.4	59.0	59.0	59.0	61.6	61.6	63.0	65.6	69.5	73.5
85°	35.4	35.4	35.4	36.7	35.4	36.7	39.3	38.0	39.3	42.0	42.0
87.5°	17.1	17.1	17.1	17.1	17.1	18.4	17.1	18.4	19.7	19.7	19.7
90°	25.1	25.1	25.1	24.7	24.3	22.8	24.3	25.1	25.8	25.1	20.5
92.5°	47.1	50.1	50.9	53.9	56.9	65.3	76.7	97.9	116.9	115.4	89.6
95°	88.1	94.1	104.0	112.4	120.7	152.6	198.9	260.4	297.6	263.5	175.4
97.5°	157.9	173.1	202.7	225.5	248.3	325.0	407.0	489.0	485.2	375.1	233.1
100°	307.5	340.1	403.2	449.1	495.0	599.0	693.2	709.1	599.8	413.0	249.0
102.5°	578.5	640.0	709.9	759.2	808.6	877.7	880.7	791.1	603.6	398.6	249.8
105°	899.0	946.0	993.1	1005.6	1018.2	1008.3	922.5	764.6	562.6	378.9	253.6
107.5°	1102.4	1109.3	1110.0	1094.8	1079.7	1005.2	877.7	708.4	524.6	368.2	261.9
110°	1158.6	1144.2	1111.5	1080.4	1049.3	952.1	816.2	656.0	498.8	365.2	272.6

TEST NUMBER: P999193

CATALOG NUMBER: SA2XXDIP-B865D725UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1143.4	1116.9	1068.3	1031.4	994.6	889.1	760.0	619.5	482.1	366.0	284.0
115°	1099.4	1064.5	1010.6	971.5	932.4	832.9	716.0	590.7	470.7	369.0	295.3
117.5°	1044.0	1006.8	951.3	914.1	876.9	784.3	679.5	571.0	464.7	373.6	307.5
120°	986.3	950.6	897.4	862.8	828.3	747.9	653.7	555.8	459.3	378.1	319.6
122.5°	934.6	899.7	853.4	823.0	792.7	717.5	633.2	542.9	456.3	383.4	330.3
125°	888.3	859.5	815.4	787.0	758.5	691.7	613.5	530.7	452.5	388.7	341.7
127.5°	848.8	821.5	782.8	756.2	729.6	665.9	593.7	519.3	450.2	394.1	352.3
130°	813.2	787.3	750.1	725.0	700.0	640.0	574.8	507.9	448.7	400.1	362.2
132.5°	778.2	752.4	716.0	692.8	669.7	615.8	556.5	498.8	448.0	406.2	372.0
135°	740.3	715.2	682.6	661.3	640.0	589.9	539.8	490.5	447.2	410.8	380.4
137.5°	701.5	679.5	648.4	629.4	610.4	569.4	526.2	484.4	447.2	415.3	387.2
140°	662.1	642.3	618.0	601.3	584.6	549.7	513.3	479.1	446.4	418.3	392.5
142.5°	627.9	610.4	587.7	574.4	561.1	532.2	502.6	473.8	446.4	420.6	397.1
145°	594.5	581.6	563.4	552.3	541.3	517.8	492.8	469.2	444.9	422.1	400.9
147.5°	567.9	557.3	541.3	533.0	524.6	505.7	485.2	464.7	442.6	422.9	403.2
150°	543.6	534.5	523.1	516.3	509.5	493.5	476.8	458.6	440.4	422.1	404.7
152.5°	523.9	516.3	507.9	502.2	496.5	483.6	468.5	453.3	436.6	420.6	405.4
155°	506.4	501.1	492.8	488.6	484.4	473.0	460.9	446.4	432.0	419.1	406.2
157.5°	489.7	485.2	479.1	475.7	472.3	462.4	451.8	440.4	427.5	416.1	406.2
160°	474.5	470.7	465.4	462.8	460.1	451.8	443.4	433.5	422.9	413.8	406.2
162.5°	460.1	457.8	452.5	450.6	448.7	441.9	435.0	427.5	419.1	411.5	405.4
165°	446.4	443.4	440.4	438.8	437.3	432.0	426.7	420.6	413.8	408.5	403.9
167.5°	432.8	431.3	429.7	428.2	426.7	422.9	418.3	413.8	409.2	405.4	403.2
170°	422.1	419.9	419.1	418.4	417.6	414.5	412.3	408.5	405.4	403.2	401.6
172.5°	411.5	410.8	410.0	409.6	409.2	407.0	405.4	403.2	400.9	400.1	399.4
175°	403.9	403.2	403.2	402.8	402.4	401.6	400.9	398.6	397.8	397.1	397.8
177.5°	397.8	397.8	397.8	397.8	397.8	397.1	397.1	395.6	394.8	395.6	397.1
180°	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8

TEST NUMBER: P999193

CATALOG NUMBER: SA2XXDIP-B865D725UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5
2.5°	1751.1	1744.5	1740.6	1743.2	1735.3	1715.7	1715.7	1722.2	1714.3	1706.5	1694.7
5°	1799.6	1786.5	1778.6	1777.3	1758.9	1727.5	1720.9	1714.3	1697.3	1678.9	1659.3
7.5°	1846.8	1823.2	1810.1	1800.9	1774.7	1734.0	1717.0	1702.5	1675.0	1647.4	1622.5
10°	1886.2	1852.1	1836.3	1821.9	1787.8	1736.6	1709.1	1682.9	1647.4	1612.0	1580.6
12.5°	1917.7	1878.3	1858.6	1837.6	1795.7	1728.8	1694.7	1652.7	1617.3	1570.1	1538.6
15°	1970.1	1888.8	1870.4	1850.8	1807.5	1715.7	1673.7	1626.5	1577.9	1515.0	1480.9
17.5°	2012.1	1903.2	1901.9	1859.9	1803.5	1710.4	1646.1	1584.5	1532.0	1469.1	1415.3
20°	2037.0	1925.5	1904.5	1861.2	1790.4	1675.0	1608.1	1539.9	1483.5	1407.4	1353.6
22.5°	2058.0	1957.0	1901.9	1849.4	1762.9	1663.2	1564.8	1500.5	1423.2	1340.5	1289.4
25°	2065.9	1963.6	1905.8	1845.5	1743.2	1629.1	1517.6	1448.1	1361.5	1286.7	1217.2
27.5°	2067.2	1962.2	1891.4	1828.5	1715.7	1584.5	1470.4	1396.9	1301.2	1214.6	1145.1
30°	2054.1	1947.8	1883.5	1815.3	1689.4	1543.8	1412.7	1331.3	1229.0	1142.5	1070.3
32.5°	2014.7	1919.0	1866.5	1791.7	1655.3	1487.4	1357.6	1267.1	1159.5	1074.3	1004.7
35°	1949.1	1883.5	1825.8	1756.3	1610.7	1435.0	1302.5	1196.2	1087.4	1006.0	940.5
37.5°	1867.8	1832.4	1778.6	1710.4	1559.6	1387.7	1240.8	1122.8	1013.9	935.2	870.9
40°	1757.6	1766.8	1714.3	1652.7	1499.2	1323.5	1160.8	1048.0	945.7	872.3	809.3
42.5°	1638.3	1676.3	1646.1	1587.1	1432.3	1252.6	1101.8	977.2	877.5	801.4	749.0
45°	1509.7	1575.3	1556.9	1513.7	1362.8	1177.9	1017.9	897.2	809.3	735.8	689.9
47.5°	1369.4	1462.5	1462.5	1431.0	1285.4	1103.1	945.7	822.4	735.8	683.4	638.8
50°	1226.4	1331.3	1348.4	1327.4	1198.9	1017.9	857.8	746.3	671.6	620.4	587.6
52.5°	1076.9	1198.9	1230.3	1219.8	1107.0	936.5	785.7	676.8	608.6	564.0	535.2
55°	933.9	1075.6	1109.7	1113.6	1008.7	847.3	705.7	609.9	544.3	514.2	489.3
57.5°	798.8	935.2	973.3	979.8	909.0	766.0	630.9	547.0	487.9	463.0	443.3
60°	683.4	797.5	847.3	861.8	800.1	671.6	561.4	480.1	435.5	411.9	393.5
62.5°	588.9	680.8	733.2	737.2	709.6	588.9	489.3	421.0	383.0	362.0	352.8
65°	497.1	579.8	611.2	627.0	604.7	510.2	422.4	366.0	335.8	317.4	308.2
67.5°	423.7	476.1	502.4	523.4	501.1	430.2	359.4	313.5	291.2	272.8	267.6
70°	347.6	390.9	410.6	431.5	411.9	358.1	306.9	265.0	245.3	230.9	224.3
72.5°	278.1	312.2	330.5	343.7	331.9	287.3	245.3	216.4	202.0	191.5	187.6
75°	220.4	244.0	254.5	263.6	258.4	224.3	198.1	174.5	161.3	152.2	149.5
77.5°	167.9	184.9	196.7	199.4	192.8	170.5	148.2	133.8	123.3	118.0	115.4
80°	119.4	129.9	136.4	140.3	133.8	124.6	108.9	98.4	89.2	82.6	81.3
82.5°	80.0	85.3	90.5	89.2	86.6	78.7	69.5	64.3	60.3	55.1	55.1
85°	45.9	47.2	49.8	51.2	49.8	44.6	39.3	36.7	34.1	30.2	30.2
87.5°	19.7	21.0	21.0	22.3	19.7	19.7	17.1	14.4	14.4	13.1	11.8
90°	15.2	11.4	10.2	9.1	7.6	6.1	3.0	0.8	3.0	6.1	7.6
92.5°	60.7	40.2	36.0	31.9	25.8	22.0	15.9	11.4	15.9	22.0	25.8
95°	109.3	74.4	65.3	56.2	44.0	37.2	29.6	26.6	29.6	37.2	44.0
97.5°	141.2	96.4	86.2	75.9	62.3	52.4	44.0	39.5	44.0	52.4	62.3
100°	156.4	116.2	105.6	94.9	79.7	67.6	60.7	58.5	60.7	67.6	79.7
102.5°	170.1	133.6	123.0	112.4	96.4	84.3	77.4	75.9	77.4	84.3	96.4
105°	186.0	150.3	139.7	129.1	112.4	101.0	95.7	92.6	95.7	101.0	112.4
107.5°	202.0	167.0	156.4	145.8	129.1	118.4	113.1	110.9	113.1	118.4	129.1
110°	217.9	184.5	173.5	162.5	146.5	136.7	132.1	129.1	132.1	136.7	146.5

TEST NUMBER: P999193

CATALOG NUMBER: SA2XXDIP-B865D725UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	233.1	201.2	189.8	178.4	163.2	154.1	148.8	145.8	148.8	154.1	163.2
115°	249.0	216.4	206.2	195.9	180.7	171.6	167.0	163.2	167.0	171.6	180.7
117.5°	263.5	233.1	222.4	211.8	197.4	189.1	184.5	181.5	184.5	189.1	197.4
120°	278.6	249.0	238.4	227.8	212.6	205.8	201.2	198.2	201.2	205.8	212.6
122.5°	293.1	265.7	254.7	243.7	228.5	220.9	216.4	214.1	216.4	220.9	228.5
125°	307.5	280.2	269.5	258.9	243.7	234.6	230.1	227.8	230.1	234.6	243.7
127.5°	321.2	294.6	283.6	272.6	258.1	248.3	242.2	239.2	242.2	248.3	258.1
130°	333.3	306.7	296.1	285.5	270.3	259.7	252.1	249.0	252.1	259.7	270.3
132.5°	343.9	318.9	308.2	297.6	281.7	270.3	261.9	258.1	261.9	270.3	281.7
135°	353.8	329.5	318.9	308.3	290.8	279.4	270.3	267.3	270.3	279.4	290.8
137.5°	362.2	337.9	328.0	318.1	300.7	288.5	279.4	275.6	279.4	288.5	300.7
140°	369.0	346.2	336.4	326.5	309.8	297.6	288.5	285.5	288.5	297.6	309.8
142.5°	374.3	352.3	343.2	334.1	318.1	306.0	297.6	295.3	297.6	306.0	318.1
145°	379.6	359.1	350.8	342.4	327.2	315.8	308.3	305.2	308.3	315.8	327.2
147.5°	384.2	364.4	356.8	349.3	336.3	325.7	318.1	315.8	318.1	325.7	336.3
150°	387.2	369.8	363.0	356.1	344.7	334.8	328.8	326.5	328.8	334.8	344.7
152.5°	390.3	375.1	369.0	362.9	352.3	343.9	337.9	337.1	337.9	343.9	352.3
155°	393.3	380.4	374.7	369.0	360.6	352.3	347.7	347.0	347.7	352.3	360.6
157.5°	395.6	384.2	379.2	374.3	367.5	359.9	356.1	355.3	356.1	359.9	367.5
160°	397.1	388.0	383.8	379.6	373.6	367.5	364.4	363.7	364.4	367.5	373.6
162.5°	397.8	390.3	387.2	384.2	378.9	374.3	371.3	372.0	371.3	374.3	378.9
165°	398.6	391.8	389.5	387.2	383.4	378.9	377.3	378.1	377.3	378.9	383.4
167.5°	398.6	393.3	391.8	390.3	387.2	384.2	382.7	383.4	382.7	384.2	387.2
170°	397.8	394.1	393.0	391.8	390.3	388.0	387.2	388.7	387.2	388.0	390.3
172.5°	397.1	394.8	394.0	393.3	392.5	390.3	391.0	391.8	391.0	390.3	392.5
175°	396.3	394.8	394.5	394.1	394.1	392.5	393.3	394.1	393.3	392.5	394.1
177.5°	395.6	394.8	394.8	394.8	394.8	393.3	394.1	395.6	394.1	393.3	394.8
180°	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8

TEST NUMBER: P999193

CATALOG NUMBER: SA2XXDIP-B865D725UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5
2.5°	1688.1	1694.7	1693.4	1680.2	1665.8	1654.0	1631.7	1634.3	1626.5	1627.8	1635.6
5°	1646.1	1646.1	1640.9	1622.5	1598.9	1585.8	1560.9	1554.3	1538.6	1537.3	1536.0
7.5°	1601.5	1595.0	1588.4	1562.2	1533.3	1512.3	1478.2	1470.4	1454.6	1444.1	1438.9
10°	1549.1	1539.9	1526.8	1496.6	1461.2	1435.0	1399.5	1389.1	1358.9	1345.8	1337.9
12.5°	1491.4	1486.1	1465.1	1440.2	1382.5	1353.6	1302.5	1313.0	1282.8	1256.6	1252.6
15°	1433.6	1414.0	1402.2	1361.5	1292.0	1278.9	1238.2	1217.2	1189.7	1168.7	1168.7
17.5°	1377.2	1347.1	1320.8	1277.6	1226.4	1189.7	1159.5	1149.0	1114.9	1093.9	1090.0
20°	1302.5	1268.4	1261.8	1200.2	1164.8	1124.1	1095.2	1069.0	1044.1	1034.9	1028.3
22.5°	1231.7	1192.3	1181.8	1129.3	1093.9	1053.3	1024.4	1006.0	987.7	981.1	969.3
25°	1155.6	1132.0	1116.2	1059.8	1020.5	982.4	962.8	949.6	932.6	931.3	923.4
27.5°	1082.1	1059.8	1044.1	990.3	961.4	926.0	910.3	895.9	886.7	882.7	878.8
30°	1019.2	994.2	975.9	936.5	901.1	872.3	859.1	850.0	844.7	838.2	836.8
32.5°	949.6	935.2	910.3	880.1	852.6	825.0	817.2	810.6	802.7	800.1	798.8
35°	890.6	870.9	855.2	821.1	809.3	785.7	776.5	771.3	760.8	758.1	755.5
37.5°	832.9	814.5	797.5	776.5	754.2	741.1	735.8	728.0	722.7	724.0	721.4
40°	775.2	760.8	747.6	725.3	712.2	705.7	695.2	687.3	684.7	686.0	684.7
42.5°	718.8	705.7	697.8	680.8	667.6	661.1	654.5	646.6	650.6	650.6	654.5
45°	667.6	655.8	650.6	637.5	629.6	619.1	612.5	611.2	616.5	615.2	615.2
47.5°	615.2	611.2	604.7	592.9	582.4	575.8	574.5	574.5	579.8	582.4	581.1
50°	574.5	566.6	558.8	549.6	541.7	539.1	535.2	537.8	543.0	543.0	545.7
52.5°	523.4	518.1	515.5	507.6	502.4	502.4	502.4	503.7	507.6	511.5	510.2
55°	478.8	474.8	472.2	468.3	461.7	463.0	461.7	464.3	468.3	472.2	474.8
57.5°	431.5	430.2	427.6	421.0	421.0	419.7	423.7	425.0	431.5	434.2	438.1
60°	389.6	385.6	385.6	380.4	380.4	380.4	384.3	388.3	393.5	394.8	397.4
62.5°	345.0	345.0	343.7	339.7	339.7	343.7	345.0	350.2	352.8	352.8	356.8
65°	303.0	301.7	300.4	301.7	303.0	303.0	306.9	309.6	312.2	313.5	314.8
67.5°	261.0	259.7	262.3	261.0	263.6	268.9	267.6	271.5	275.4	275.4	276.8
70°	221.7	224.3	223.0	225.6	224.3	226.9	230.9	232.2	232.2	233.5	237.4
72.5°	184.9	184.9	184.9	183.6	184.9	187.6	190.2	191.5	194.1	195.4	199.4
75°	149.5	149.5	146.9	149.5	149.5	152.2	154.8	154.8	154.8	157.4	161.3
77.5°	112.8	114.1	112.8	115.4	115.4	116.7	119.4	118.0	120.7	122.0	123.3
80°	82.6	81.3	81.3	81.3	82.6	82.6	85.3	86.6	86.6	90.5	87.9
82.5°	52.5	53.8	52.5	53.8	53.8	55.1	53.8	55.1	56.4	59.0	57.7
85°	30.2	28.9	28.9	30.2	28.9	28.9	30.2	28.9	30.2	28.9	30.2
87.5°	11.8	10.5	10.5	10.5	10.5	9.2	9.2	7.9	7.9	7.9	6.6
90°	9.1	10.2	11.4	15.2	20.5	25.1	25.8	25.1	24.3	22.8	24.3
92.5°	31.9	36.0	40.2	60.7	89.6	115.4	116.9	97.9	76.7	65.3	56.9
95°	56.2	65.3	74.4	109.3	175.4	263.5	297.6	260.4	198.9	152.6	120.7
97.5°	75.9	86.2	96.4	141.2	233.1	375.1	485.2	489.0	407.0	325.0	248.3
100°	94.9	105.6	116.2	156.4	249.0	413.0	599.8	709.1	693.2	599.0	495.0
102.5°	112.4	123.0	133.6	170.1	249.8	398.6	603.6	791.1	880.7	877.7	808.6
105°	129.1	139.7	150.3	186.0	253.6	378.9	562.6	764.6	922.5	1008.3	1018.2
107.5°	145.8	156.4	167.0	202.0	261.9	368.2	524.6	708.4	877.7	1005.2	1079.7
110°	162.5	173.5	184.5	217.9	272.6	365.2	498.8	656.0	816.2	952.1	1049.3

TEST NUMBER: P999193

CATALOG NUMBER: SA2XXDIP-B865D725UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	178.4	189.8	201.2	233.1	284.0	366.0	482.1	619.5	760.0	889.1	994.6
115°	195.9	206.2	216.4	249.0	295.3	369.0	470.7	590.7	716.0	832.9	932.4
117.5°	211.8	222.4	233.1	263.5	307.5	373.6	464.7	571.0	679.5	784.3	876.9
120°	227.8	238.4	249.0	278.6	319.6	378.1	459.3	555.8	653.7	747.9	828.3
122.5°	243.7	254.7	265.7	293.1	330.3	383.4	456.3	542.9	633.2	717.5	792.7
125°	258.9	269.5	280.2	307.5	341.7	388.7	452.5	530.7	613.5	691.7	758.5
127.5°	272.6	283.6	294.6	321.2	352.3	394.1	450.2	519.3	593.7	665.9	729.6
130°	285.5	296.1	306.7	333.3	362.2	400.1	448.7	507.9	574.8	640.0	700.0
132.5°	297.6	308.2	318.9	343.9	372.0	406.2	448.0	498.8	556.5	615.8	669.7
135°	308.3	318.9	329.5	353.8	380.4	410.8	447.2	490.5	539.8	589.9	640.0
137.5°	318.1	328.0	337.9	362.2	387.2	415.3	447.2	484.4	526.2	569.4	610.4
140°	326.5	336.4	346.2	369.0	392.5	418.3	446.4	479.1	513.3	549.7	584.6
142.5°	334.1	343.2	352.3	374.3	397.1	420.6	446.4	473.8	502.6	532.2	561.1
145°	342.4	350.8	359.1	379.6	400.9	422.1	444.9	469.2	492.8	517.8	541.3
147.5°	349.3	356.8	364.4	384.2	403.2	422.9	442.6	464.7	485.2	505.7	524.6
150°	356.1	363.0	369.8	387.2	404.7	422.1	440.4	458.6	476.8	493.5	509.5
152.5°	362.9	369.0	375.1	390.3	405.4	420.6	436.6	453.3	468.5	483.6	496.5
155°	369.0	374.7	380.4	393.3	406.2	419.1	432.0	446.4	460.9	473.0	484.4
157.5°	374.3	379.2	384.2	395.6	406.2	416.1	427.5	440.4	451.8	462.4	472.3
160°	379.6	383.8	388.0	397.1	406.2	413.8	422.9	433.5	443.4	451.8	460.1
162.5°	384.2	387.2	390.3	397.8	405.4	411.5	419.1	427.5	435.0	441.9	448.7
165°	387.2	389.5	391.8	398.6	403.9	408.5	413.8	420.6	426.7	432.0	437.3
167.5°	390.3	391.8	393.3	398.6	403.2	405.4	409.2	413.8	418.3	422.9	426.7
170°	391.8	393.0	394.1	397.8	401.6	403.2	405.4	408.5	412.3	414.5	417.6
172.5°	393.3	394.0	394.8	397.1	399.4	400.1	400.9	403.2	405.4	407.0	409.2
175°	394.1	394.5	394.8	396.3	397.8	397.1	397.8	398.6	400.9	401.6	402.4
177.5°	394.8	394.8	394.8	395.6	397.1	395.6	394.8	395.6	397.1	397.1	397.8
180°	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8

TEST NUMBER: P999193

CATALOG NUMBER: SA2XXDIP-B865D725UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5
2.5°	1626.5	1630.4	1621.2	1618.6	1621.2	1612.0	1614.7	1617.3	1617.3	1621.2	1623.8
5°	1532.0	1526.8	1517.6	1515.0	1512.3	1516.3	1513.7	1517.6	1518.9	1528.1	1529.4
7.5°	1438.9	1431.0	1423.2	1415.3	1412.7	1406.1	1412.7	1412.7	1421.8	1419.2	1425.8
10°	1328.7	1327.4	1316.9	1313.0	1307.7	1297.2	1311.7	1307.7	1314.3	1326.1	1328.7
12.5°	1247.4	1233.0	1239.5	1221.2	1227.7	1217.2	1218.5	1218.5	1229.0	1230.3	1227.7
15°	1170.0	1158.2	1141.1	1133.3	1129.3	1124.1	1141.1	1142.5	1134.6	1153.0	1146.4
17.5°	1091.3	1091.3	1075.6	1071.6	1061.1	1066.4	1063.8	1065.1	1062.4	1075.6	1082.1
20°	1023.1	1016.5	1011.3	1012.6	999.5	996.9	994.2	996.9	1006.0	1015.2	1017.9
22.5°	968.0	964.1	951.0	953.6	943.1	947.0	944.4	951.0	952.3	952.3	961.4
25°	915.5	910.3	911.6	906.4	902.4	902.4	898.5	902.4	907.7	910.3	911.6
27.5°	876.2	872.3	865.7	861.8	864.4	857.8	863.1	867.0	867.0	864.4	867.0
30°	829.0	831.6	831.6	818.5	823.7	821.1	825.0	827.7	827.7	829.0	826.3
32.5°	797.5	789.6	788.3	787.0	787.0	781.8	781.8	785.7	787.0	788.3	792.2
35°	755.5	755.5	749.0	752.9	747.6	749.0	747.6	749.0	751.6	747.6	751.6
37.5°	717.5	718.8	716.2	718.8	720.1	717.5	714.9	720.1	717.5	717.5	714.9
40°	684.7	683.4	684.7	684.7	684.7	686.0	683.4	683.4	683.4	680.8	678.1
42.5°	657.1	649.3	651.9	653.2	649.3	649.3	650.6	649.3	653.2	645.3	645.3
45°	617.8	615.2	616.5	616.5	619.1	615.2	617.8	619.1	615.2	613.9	611.2
47.5°	582.4	585.0	582.4	585.0	585.0	587.6	582.4	583.7	585.0	579.8	575.8
50°	547.0	547.0	550.9	549.6	550.9	548.3	548.3	547.0	548.3	545.7	541.7
52.5°	514.2	510.2	516.8	515.5	514.2	512.9	511.5	512.9	510.2	507.6	507.6
55°	473.5	473.5	477.4	478.8	478.8	476.1	473.5	474.8	473.5	472.2	470.9
57.5°	440.7	435.5	438.1	439.4	439.4	435.5	438.1	435.5	435.5	436.8	432.8
60°	398.7	398.7	396.1	400.1	400.1	397.4	397.4	398.7	396.1	394.8	393.5
62.5°	354.1	355.5	359.4	360.7	362.0	359.4	356.8	358.1	358.1	354.1	355.5
65°	316.1	318.7	324.0	322.7	320.0	321.4	318.7	320.0	316.1	317.4	313.5
67.5°	279.4	278.1	279.4	279.4	282.0	280.7	278.1	278.1	276.8	280.7	276.8
70°	240.0	240.0	240.0	240.0	241.3	242.7	240.0	237.4	238.7	236.1	234.8
72.5°	199.4	200.7	199.4	202.0	198.1	200.7	200.7	199.4	198.1	198.1	198.1
75°	161.3	164.0	160.0	161.3	160.0	162.6	161.3	161.3	158.7	157.4	158.7
77.5°	123.3	124.6	122.0	123.3	122.0	123.3	123.3	122.0	122.0	122.0	122.0
80°	87.9	89.2	87.9	86.6	85.3	87.9	85.3	86.6	87.9	86.6	89.2
82.5°	56.4	56.4	55.1	56.4	53.8	53.8	55.1	55.1	53.8	56.4	53.8
85°	27.5	27.5	30.2	27.5	26.2	26.2	26.2	27.5	26.2	28.9	27.5
87.5°	6.6	5.2	6.6	6.6	5.2	5.2	6.6	5.2	6.6	7.9	5.2
90°	24.7	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	24.7
92.5°	53.9	50.9	50.1	47.1	47.8	46.3	47.8	47.1	50.1	50.9	53.9
95°	112.4	104.0	94.1	88.1	85.8	86.6	85.8	88.1	94.1	104.0	112.4
97.5°	225.5	202.7	173.1	157.9	149.6	145.0	149.6	157.9	173.1	202.7	225.5
100°	449.1	403.2	340.1	307.5	285.5	271.8	285.5	307.5	340.1	403.2	449.1
102.5°	759.2	709.9	640.0	578.5	549.7	530.0	549.7	578.5	640.0	709.9	759.2
105°	1005.6	993.1	946.0	899.0	866.3	855.7	866.3	899.0	946.0	993.1	1005.6
107.5°	1094.8	1110.0	1109.3	1102.4	1092.6	1075.1	1092.6	1102.4	1109.3	1110.0	1094.8
110°	1080.4	1111.5	1144.2	1158.6	1165.4	1164.7	1165.4	1158.6	1144.2	1111.5	1080.4

TEST NUMBER: P999193

CATALOG NUMBER: SA2XXDIP-B865D725UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1031.4	1068.3	1116.9	1143.4	1157.9	1163.2	1157.9	1143.4	1116.9	1068.3	1031.4
115°	971.5	1010.6	1064.5	1099.4	1119.1	1126.0	1119.1	1099.4	1064.5	1010.6	971.5
117.5°	914.1	951.3	1006.8	1044.0	1064.5	1069.8	1064.5	1044.0	1006.8	951.3	914.1
120°	862.8	897.4	950.6	986.3	1008.3	1015.9	1008.3	986.3	950.6	897.4	862.8
122.5°	823.0	853.4	899.7	934.6	953.6	959.7	953.6	934.6	899.7	853.4	823.0
125°	787.0	815.4	859.5	888.3	907.3	913.4	907.3	888.3	859.5	815.4	787.0
127.5°	756.2	782.8	821.5	848.8	865.5	870.1	865.5	848.8	821.5	782.8	756.2
130°	725.0	750.1	787.3	813.2	828.3	834.4	828.3	813.2	787.3	750.1	725.0
132.5°	692.8	716.0	752.4	778.2	791.9	797.2	791.9	778.2	752.4	716.0	692.8
135°	661.3	682.6	715.2	740.3	753.9	757.0	753.9	740.3	715.2	682.6	661.3
137.5°	629.4	648.4	679.5	701.5	713.7	718.2	713.7	701.5	679.5	648.4	629.4
140°	601.3	618.0	642.3	662.1	673.5	678.0	673.5	662.1	642.3	618.0	601.3
142.5°	574.4	587.7	610.4	627.9	637.8	637.8	637.8	627.9	610.4	587.7	574.4
145°	552.3	563.4	581.6	594.5	602.1	604.4	602.1	594.5	581.6	563.4	552.3
147.5°	533.0	541.3	557.3	567.9	573.2	574.8	573.2	567.9	557.3	541.3	533.0
150°	516.3	523.1	534.5	543.6	548.2	548.9	548.2	543.6	534.5	523.1	516.3
152.5°	502.2	507.9	516.3	523.9	526.9	526.9	526.9	523.9	516.3	507.9	502.2
155°	488.6	492.8	501.1	506.4	509.5	507.9	509.5	506.4	501.1	492.8	488.6
157.5°	475.7	479.1	485.2	489.7	491.2	491.2	491.2	489.7	485.2	479.1	475.7
160°	462.8	465.4	470.7	474.5	475.3	475.3	475.3	474.5	470.7	465.4	462.8
162.5°	450.6	452.5	457.8	460.1	460.9	460.1	460.9	460.1	457.8	452.5	450.6
165°	438.8	440.4	443.4	446.4	446.4	445.7	446.4	446.4	443.4	440.4	438.8
167.5°	428.2	429.7	431.3	432.8	432.8	432.0	432.8	432.8	431.3	429.7	428.2
170°	418.4	419.1	419.9	422.1	421.4	419.9	421.4	422.1	419.9	419.1	418.4
172.5°	409.6	410.0	410.8	411.5	410.8	410.0	410.8	411.5	410.8	410.0	409.6
175°	402.8	403.2	403.2	403.9	403.2	401.6	403.2	403.9	403.2	403.2	402.8
177.5°	397.8	397.8	397.8	397.8	397.1	395.6	397.1	397.8	397.8	397.8	397.8
180°	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8

TEST NUMBER: P999193

CATALOG NUMBER: SA2XXDIP-B865D725UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5
2.5°	1619.9	1630.4	1626.5	1612.0	1629.1	1629.1	1640.9	1640.9	1655.3	1660.6	1668.4
5°	1528.1	1536.0	1542.5	1536.0	1547.8	1566.1	1576.6	1585.8	1605.5	1613.3	1625.2
7.5°	1429.7	1444.1	1450.7	1450.7	1470.4	1491.4	1512.3	1525.5	1553.0	1563.5	1575.3
10°	1334.0	1351.0	1364.1	1362.8	1395.6	1408.7	1435.0	1465.1	1492.7	1508.4	1525.5
12.5°	1233.0	1242.1	1260.5	1286.7	1294.6	1318.2	1348.4	1386.4	1436.3	1450.7	1475.6
15°	1149.0	1173.9	1188.4	1200.2	1218.5	1240.8	1273.6	1310.4	1360.2	1391.7	1417.9
17.5°	1078.2	1111.0	1120.2	1117.5	1141.1	1175.2	1213.3	1240.8	1285.4	1323.5	1348.4
20°	1020.5	1033.6	1049.3	1055.9	1074.3	1111.0	1147.7	1179.2	1215.9	1246.1	1274.9
22.5°	962.8	973.3	986.4	998.2	1012.6	1033.6	1069.0	1108.4	1143.8	1172.6	1205.4
25°	915.5	922.1	933.9	943.1	958.8	973.3	998.2	1041.5	1083.4	1100.5	1129.3
27.5°	869.6	874.9	882.7	893.2	901.1	915.5	937.8	973.3	1016.5	1033.6	1072.9
30°	829.0	832.9	840.8	846.0	850.0	867.0	884.1	911.6	944.4	968.0	996.9
32.5°	790.9	794.9	802.7	804.0	809.3	818.5	834.2	859.1	888.0	907.7	932.6
35°	749.0	751.6	759.5	762.1	766.0	773.9	785.7	804.0	830.3	844.7	867.0
37.5°	716.2	714.9	720.1	724.0	729.3	733.2	737.2	755.5	775.2	788.3	805.4
40°	680.8	678.1	679.4	684.7	687.3	692.6	692.6	710.9	724.0	734.5	747.6
42.5°	645.3	644.0	641.4	644.0	646.6	648.0	649.3	662.4	675.5	684.7	699.1
45°	609.9	608.6	606.0	607.3	607.3	609.9	613.9	619.1	628.3	636.2	644.0
47.5°	577.1	574.5	570.6	569.3	571.9	571.9	571.9	577.1	586.3	588.9	596.8
50°	543.0	539.1	533.8	531.2	531.2	529.9	532.5	533.8	541.7	544.3	550.9
52.5°	506.3	503.7	498.4	493.2	494.5	491.9	493.2	494.5	497.1	501.1	505.0
55°	469.6	464.3	460.4	459.1	455.1	455.1	451.2	456.5	455.1	456.5	461.7
57.5°	434.2	428.9	422.4	419.7	415.8	414.5	411.9	410.6	411.9	415.8	419.7
60°	392.2	389.6	385.6	381.7	379.1	375.1	372.5	372.5	371.2	371.2	372.5
62.5°	351.5	350.2	345.0	343.7	341.0	338.4	334.5	331.9	331.9	334.5	335.8
65°	312.2	310.9	306.9	305.6	299.1	296.4	295.1	293.8	291.2	291.2	291.2
67.5°	275.4	271.5	271.5	265.0	259.7	257.1	254.5	253.2	253.2	253.2	254.5
70°	234.8	234.8	230.9	226.9	221.7	223.0	219.0	215.1	215.1	212.5	213.8
72.5°	195.4	194.1	190.2	188.9	184.9	181.0	178.4	181.0	177.1	175.8	177.1
75°	157.4	156.1	153.5	150.8	152.2	148.2	144.3	143.0	143.0	140.3	140.3
77.5°	120.7	123.3	118.0	116.7	114.1	111.5	110.2	108.9	108.9	108.9	111.5
80°	83.9	85.3	85.3	82.6	83.9	80.0	80.0	80.0	76.1	77.4	78.7
82.5°	53.8	53.8	52.5	53.8	52.5	52.5	51.2	51.2	49.8	49.8	51.2
85°	30.2	28.9	27.5	30.2	28.9	28.9	27.5	27.5	27.5	27.5	27.5
87.5°	6.6	7.9	7.9	7.9	7.9	9.2	9.2	9.2	10.5	10.5	10.5
90°	24.3	22.8	24.3	25.1	25.8	25.1	20.5	15.2	11.4	10.2	9.1
92.5°	56.9	65.3	76.7	97.9	116.9	115.4	89.6	60.7	40.2	36.0	31.9
95°	120.7	152.6	198.9	260.4	297.6	263.5	175.4	109.3	74.4	65.3	56.2
97.5°	248.3	325.0	407.0	489.0	485.2	375.1	233.1	141.2	96.4	86.2	75.9
100°	495.0	599.0	693.2	709.1	599.8	413.0	249.0	156.4	116.2	105.6	94.9
102.5°	808.6	877.7	880.7	791.1	603.6	398.6	249.8	170.1	133.6	123.0	112.4
105°	1018.2	1008.3	922.5	764.6	562.6	378.9	253.6	186.0	150.3	139.7	129.1
107.5°	1079.7	1005.2	877.7	708.4	524.6	368.2	261.9	202.0	167.0	156.4	145.8
110°	1049.3	952.1	816.2	656.0	498.8	365.2	272.6	217.9	184.5	173.5	162.5

TEST NUMBER: P999193

CATALOG NUMBER: SA2XXDIP-B865D725UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	994.6	889.1	760.0	619.5	482.1	366.0	284.0	233.1	201.2	189.8	178.4
115°	932.4	832.9	716.0	590.7	470.7	369.0	295.3	249.0	216.4	206.2	195.9
117.5°	876.9	784.3	679.5	571.0	464.7	373.6	307.5	263.5	233.1	222.4	211.8
120°	828.3	747.9	653.7	555.8	459.3	378.1	319.6	278.6	249.0	238.4	227.8
122.5°	792.7	717.5	633.2	542.9	456.3	383.4	330.3	293.1	265.7	254.7	243.7
125°	758.5	691.7	613.5	530.7	452.5	388.7	341.7	307.5	280.2	269.5	258.9
127.5°	729.6	665.9	593.7	519.3	450.2	394.1	352.3	321.2	294.6	283.6	272.6
130°	700.0	640.0	574.8	507.9	448.7	400.1	362.2	333.3	306.7	296.1	285.5
132.5°	669.7	615.8	556.5	498.8	448.0	406.2	372.0	343.9	318.9	308.2	297.6
135°	640.0	589.9	539.8	490.5	447.2	410.8	380.4	353.8	329.5	318.9	308.3
137.5°	610.4	569.4	526.2	484.4	447.2	415.3	387.2	362.2	337.9	328.0	318.1
140°	584.6	549.7	513.3	479.1	446.4	418.3	392.5	369.0	346.2	336.4	326.5
142.5°	561.1	532.2	502.6	473.8	446.4	420.6	397.1	374.3	352.3	343.2	334.1
145°	541.3	517.8	492.8	469.2	444.9	422.1	400.9	379.6	359.1	350.8	342.4
147.5°	524.6	505.7	485.2	464.7	442.6	422.9	403.2	384.2	364.4	356.8	349.3
150°	509.5	493.5	476.8	458.6	440.4	422.1	404.7	387.2	369.8	363.0	356.1
152.5°	496.5	483.6	468.5	453.3	436.6	420.6	405.4	390.3	375.1	369.0	362.9
155°	484.4	473.0	460.9	446.4	432.0	419.1	406.2	393.3	380.4	374.7	369.0
157.5°	472.3	462.4	451.8	440.4	427.5	416.1	406.2	395.6	384.2	379.2	374.3
160°	460.1	451.8	443.4	433.5	422.9	413.8	406.2	397.1	388.0	383.8	379.6
162.5°	448.7	441.9	435.0	427.5	419.1	411.5	405.4	397.8	390.3	387.2	384.2
165°	437.3	432.0	426.7	420.6	413.8	408.5	403.9	398.6	391.8	389.5	387.2
167.5°	426.7	422.9	418.3	413.8	409.2	405.4	403.2	398.6	393.3	391.8	390.3
170°	417.6	414.5	412.3	408.5	405.4	403.2	401.6	397.8	394.1	393.0	391.8
172.5°	409.2	407.0	405.4	403.2	400.9	400.1	399.4	397.1	394.8	394.0	393.3
175°	402.4	401.6	400.9	398.6	397.8	397.1	397.8	396.3	394.8	394.5	394.1
177.5°	397.8	397.1	397.1	395.6	394.8	395.6	397.1	395.6	394.8	394.8	394.8
180°	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8	394.8

TEST NUMBER: P999193

CATALOG NUMBER: SA2XXDIP-B865D725UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1706.5	1706.5	1706.5	1706.5
2.5°	1675.0	1675.0	1694.7	1715.7
5°	1638.3	1647.4	1678.9	1707.8
7.5°	1602.9	1618.6	1657.9	1694.7
10°	1559.6	1580.6	1629.1	1672.4
12.5°	1517.6	1537.3	1593.7	1642.2
15°	1458.6	1483.5	1543.8	1604.2
17.5°	1399.5	1424.5	1497.9	1568.7
20°	1330.0	1362.8	1445.5	1539.9
22.5°	1265.8	1306.4	1398.2	1474.3
25°	1194.9	1257.9	1343.1	1441.5
27.5°	1132.0	1194.9	1281.5	1381.2
30°	1061.1	1125.4	1214.6	1306.4
32.5°	992.9	1052.0	1138.5	1251.3
35°	922.1	978.5	1062.4	1176.6
37.5°	857.8	912.9	1004.7	1109.7
40°	794.9	852.6	931.3	1036.2
42.5°	735.8	787.0	857.8	962.8
45°	682.1	718.8	784.4	882.7
47.5°	625.7	658.5	718.8	817.2
50°	573.2	600.7	653.2	745.0
52.5°	522.0	545.7	594.2	667.6
55°	476.1	498.4	533.8	606.0
57.5°	428.9	446.0	480.1	537.8
60°	383.0	398.7	426.3	473.5
62.5°	337.1	350.2	376.4	414.5
65°	296.4	306.9	326.6	359.4
67.5°	257.1	263.6	279.4	305.6
70°	219.0	224.3	237.4	258.4
72.5°	178.4	183.6	198.1	212.5
75°	144.3	145.6	156.1	167.9
77.5°	112.8	111.5	119.4	128.5
80°	77.4	81.3	87.9	91.8
82.5°	52.5	53.8	56.4	59.0
85°	28.9	30.2	30.2	34.1
87.5°	11.8	13.1	13.1	14.4
90°	7.6	6.1	3.0	0.8
92.5°	25.8	22.0	15.9	11.4
95°	44.0	37.2	29.6	26.6
97.5°	62.3	52.4	44.0	39.5
100°	79.7	67.6	60.7	58.5
102.5°	96.4	84.3	77.4	75.9
105°	112.4	101.0	95.7	92.6
107.5°	129.1	118.4	113.1	110.9
110°	146.5	136.7	132.1	129.1

TEST NUMBER: P999193

CATALOG NUMBER: SA2XXDIP-B865D725UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	163.2	154.1	148.8	145.8
115°	180.7	171.6	167.0	163.2
117.5°	197.4	189.1	184.5	181.5
120°	212.6	205.8	201.2	198.2
122.5°	228.5	220.9	216.4	214.1
125°	243.7	234.6	230.1	227.8
127.5°	258.1	248.3	242.2	239.2
130°	270.3	259.7	252.1	249.0
132.5°	281.7	270.3	261.9	258.1
135°	290.8	279.4	270.3	267.3
137.5°	300.7	288.5	279.4	275.6
140°	309.8	297.6	288.5	285.5
142.5°	318.1	306.0	297.6	295.3
145°	327.2	315.8	308.3	305.2
147.5°	336.3	325.7	318.1	315.8
150°	344.7	334.8	328.8	326.5
152.5°	352.3	343.9	337.9	337.1
155°	360.6	352.3	347.7	347.0
157.5°	367.5	359.9	356.1	355.3
160°	373.6	367.5	364.4	363.7
162.5°	378.9	374.3	371.3	372.0
165°	383.4	378.9	377.3	378.1
167.5°	387.2	384.2	382.7	383.4
170°	390.3	388.0	387.2	388.7
172.5°	392.5	390.3	391.0	391.8
175°	394.1	392.5	393.3	394.1
177.5°	394.8	393.3	394.1	395.6
180°	394.8	394.8	394.8	394.8

TEST NUMBER: P999193

CATALOG NUMBER: SA2XXDIP-B865D725UB40-4F0-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	18.00	18.89	18.89	19.80	20.96	15.49	16.38	16.38	17.29	18.45
	3H	18.81	19.61	19.72	20.53	21.71	16.84	17.64	17.74	18.56	19.74
	4H	18.98	19.74	19.90	20.66	21.85	17.30	18.06	18.22	18.98	20.17
	6H	19.03	19.72	19.96	20.65	21.86	17.61	18.31	18.54	19.24	20.44
	8H	19.01	19.67	19.95	20.62	21.82	17.69	18.36	18.63	19.30	20.51
	12H	18.97	19.60	19.92	20.54	21.77	17.74	18.37	18.68	19.31	20.54
4H	2H	18.04	18.80	18.97	19.72	20.92	15.94	16.70	16.87	17.62	18.81
	3H	19.03	19.65	19.96	20.61	21.82	17.40	18.03	18.34	18.99	20.19
	4H	19.30	19.88	20.25	20.83	22.06	17.94	18.51	18.89	19.46	20.70
	6H	19.44	19.93	20.40	20.90	22.14	18.32	18.81	19.28	19.79	21.02
	8H	19.43	19.90	20.40	20.86	22.11	18.43	18.89	19.39	19.86	21.11
	12H	19.40	19.82	20.38	20.80	22.05	18.49	18.90	19.47	19.89	21.14
8H	4H	19.31	19.78	20.28	20.74	21.99	18.08	18.54	19.05	19.51	20.76
	6H	19.50	19.88	20.48	20.88	22.13	18.52	18.90	19.51	19.91	21.15
	8H	19.53	19.86	20.52	20.86	22.12	18.67	19.01	19.67	20.00	21.27
	12H	19.51	19.81	20.51	20.80	22.11	18.76	19.06	19.76	20.05	21.36
12H	4H	19.27	19.69	20.25	20.67	21.92	18.06	18.47	19.04	19.46	20.71
	6H	19.47	19.81	20.47	20.81	22.07	18.52	18.86	19.52	19.85	21.12
	8H	19.51	19.80	20.51	20.79	22.10	18.68	18.97	19.68	19.96	21.27