

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: P999162

Luminaire Tested: SA2XXDIP-B865D725UB2750-4F0-XX-W2A-A_5000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P999162
REPORT IS A COMBINATION OF REPORTS P984911 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B865D725UB2750-4F0-XX-W2A-A_5000K
Description: Define 2 Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

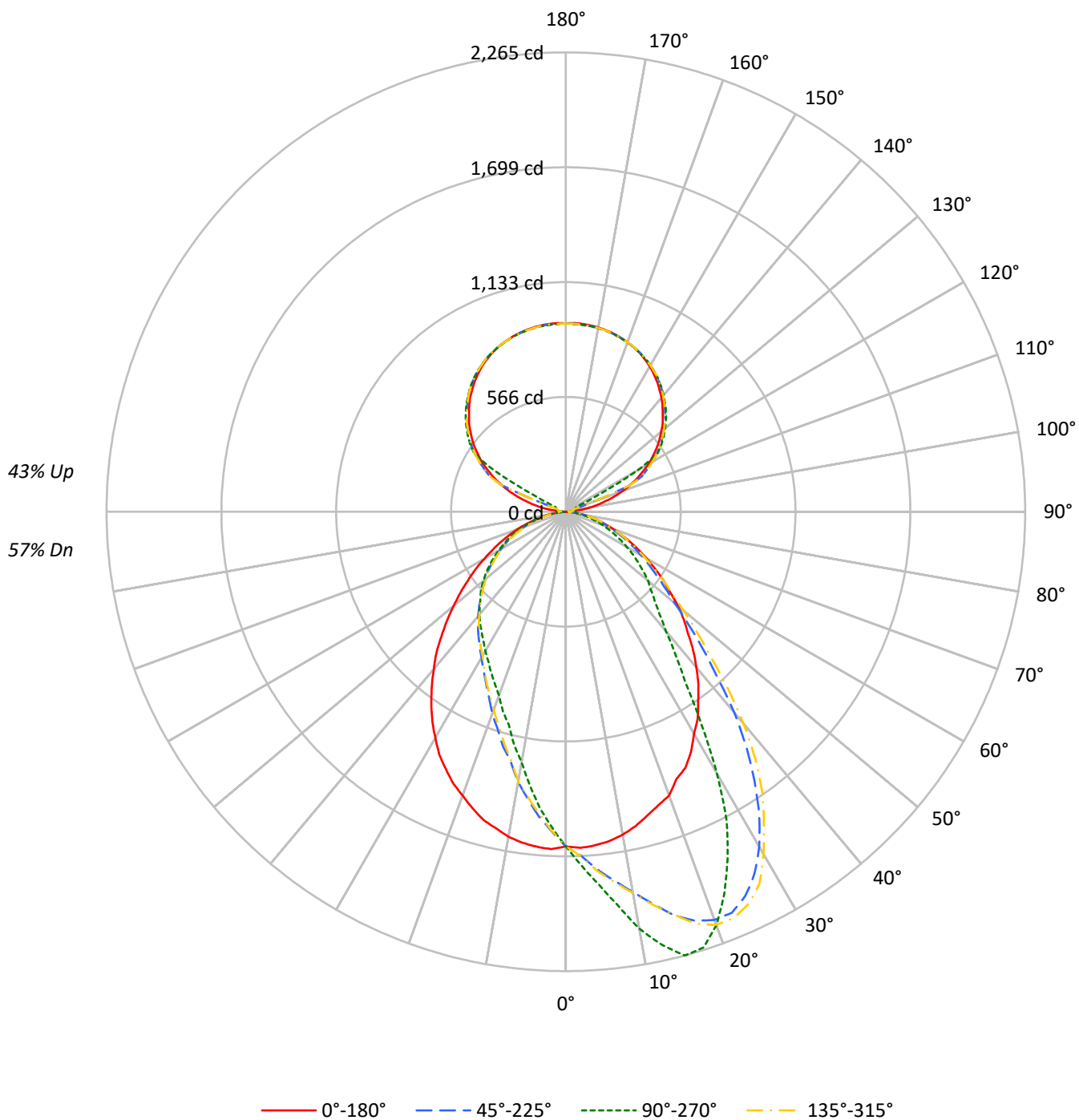
Lumens per Lamp: N/A
Luminaire Lumens: 6363.0 lumens
Efficiency: N/A
Efficacy: 93.7 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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	101	101	101	101	87	87	87	75	75	75	63	63	63
1	100	96	92	89	93	89	86	83	77	75	73	66	65	63	56	55	54
2	91	84	78	73	85	79	74	69	69	65	61	59	56	54	50	48	46
3	84	75	67	62	78	70	64	59	61	56	52	53	49	46	45	42	40
4	77	66	59	53	72	62	55	50	55	49	45	47	43	40	41	38	35
5	71	60	52	46	66	56	49	44	49	44	39	43	38	35	37	34	31
6	66	54	46	40	61	51	43	38	45	39	35	39	34	31	34	30	28
7	61	49	41	35	57	46	39	34	41	35	31	36	31	28	31	27	25
8	57	44	37	32	53	42	35	30	37	32	28	33	28	25	29	25	22
9	53	41	33	28	49	38	32	27	34	29	25	30	26	23	26	23	20
10	49	37	30	26	46	35	29	25	32	26	23	28	24	21	25	21	19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	26115	26115	26115	26115
5°	26178	27845	26278	22153
10°	25874	30397	26037	18265
15°	25247	32063	25598	15385
20°	24853	30104	24853	13372
25°	24061	25863	24170	11959
30°	22757	20330	23191	10831
35°	21603	14059	21964	9910
40°	20276	10614	20506	9175
45°	18638	8722	18944	8382
50°	17225	7655	17256	7674
55°	15612	6524	15713	6904
60°	13892	5449	14083	6025
65°	12353	4432	12577	5146
70°	10818	3478	11095	4150
75°	9079	2525	9437	3009
80°	7090	1600	7593	1787
85°	4661	804	5015	597

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 26997 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	157.1	2.5
10°-20°	457.4	7.2
20°-30°	663.8	10.4
30°-40°	699.8	11.0
40°-50°	619.2	9.7
50°-60°	494.4	7.8
60°-70°	335.8	5.3
70°-80°	171.8	2.7
80°-90°	42.2	0.7
90°-100°	30.6	0.5
100°-110°	114.1	1.8
110°-120°	302.6	4.8
120°-130°	501.9	7.9
130°-140°	533.2	8.4
140°-150°	495.5	7.8
150°-160°	398.4	6.3
160°-170°	256.7	4.0
170°-180°	88.4	1.4
0°-30°	1278.3	20.1
0°-40°	1978.1	31.1
0°-60°	3091.7	48.6
0°-90°	3641.6	57.2
90°-120°	447.4	7.0
90°-150°	1977.9	31.1
90°-180°	2721.0	42.8
0°-180°	6363.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1650	1650	1650	1650	1650	
5°	1651	1843	1657	1466	1651	157
15°	1551	2265	1572	1087	1551	438
25°	1394	1887	1400	872	1394	637
35°	1138	1027	1156	724	1138	712
45°	853	619	867	595	853	662
55°	586	435	590	460	586	523
65°	348	268	354	311	348	345
75°	162	132	169	157	162	174
85°	33	34	36	25	33	38
90°	1	18	1	18	1	4
95°	44	29	44	29	44	52
105°	204	51	204	51	204	218
115°	386	55	386	55	386	380
125°	546	574	546	574	546	487
135°	676	698	676	698	676	522
145°	784	796	784	796	784	490
155°	863	864	863	864	863	398
165°	910	907	910	907	910	257
175°	930	925	930	925	930	89
180°	928	928	928	928	928	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8
2.5°	1658.7	1662.5	1668.8	1670.1	1682.8	1692.9	1704.3	1704.3	1708.2	1706.9	1696.7
5°	1651.1	1662.5	1679.0	1692.9	1715.8	1725.9	1741.1	1752.5	1762.7	1770.3	1769.0
7.5°	1638.4	1658.7	1682.8	1709.4	1739.9	1757.6	1779.2	1799.5	1813.4	1826.1	1835.0
10°	1616.8	1651.1	1684.1	1719.6	1758.9	1783.0	1808.3	1835.0	1856.5	1880.6	1903.4
12.5°	1587.7	1637.1	1677.7	1724.6	1772.8	1799.5	1840.0	1860.3	1902.2	1963.0	1979.5
15°	1550.9	1618.1	1656.2	1715.8	1779.2	1800.7	1856.5	1889.5	1975.7	2013.8	2059.4
17.5°	1516.7	1591.5	1642.2	1710.7	1772.8	1814.7	1869.2	1936.4	2008.7	2063.2	2113.9
20°	1488.8	1561.0	1621.9	1698.0	1776.6	1829.9	1887.0	1968.1	2046.7	2102.5	2141.8
22.5°	1425.4	1517.9	1588.9	1673.9	1769.0	1842.6	1897.1	1985.9	2070.8	2105.1	2139.3
25°	1393.7	1473.5	1556.0	1652.4	1763.9	1851.4	1898.4	1997.3	2072.1	2084.8	2092.4
27.5°	1335.3	1425.4	1521.7	1632.1	1762.7	1836.2	1895.8	1985.9	2045.5	2036.6	2013.8
30°	1263.0	1373.4	1479.9	1599.1	1744.9	1824.8	1880.6	1963.0	1993.5	1947.8	1907.2
32.5°	1209.8	1313.8	1431.7	1569.9	1724.6	1800.7	1855.3	1919.9	1926.3	1843.8	1775.4
35°	1137.5	1252.9	1386.0	1531.9	1690.4	1758.9	1809.6	1848.9	1818.5	1703.1	1621.9
37.5°	1072.8	1187.0	1329.0	1477.4	1643.5	1710.7	1751.3	1757.6	1682.8	1581.3	1462.1
40°	1001.8	1119.7	1268.1	1424.1	1591.5	1649.8	1675.2	1656.2	1548.4	1430.4	1292.2
42.5°	930.8	1047.5	1207.2	1367.0	1525.5	1575.0	1585.1	1533.2	1401.3	1263.0	1103.3
45°	853.4	975.2	1135.0	1296.0	1449.5	1477.4	1478.6	1403.8	1247.8	1103.3	954.9
47.5°	790.0	902.9	1061.4	1222.5	1351.8	1370.8	1363.2	1277.0	1107.1	944.7	815.4
50°	720.3	828.1	985.3	1143.8	1254.2	1259.2	1240.2	1117.2	951.1	802.7	700.0
52.5°	645.5	754.5	899.1	1051.3	1150.2	1142.6	1105.8	973.9	817.9	694.9	616.3
55°	585.9	682.2	817.9	966.3	1036.0	1014.5	973.9	839.5	716.5	612.5	544.0
57.5°	519.9	604.9	738.0	867.4	908.0	887.7	847.1	721.6	607.4	528.8	483.2
60°	457.8	535.1	651.8	759.6	791.3	769.7	722.8	610.0	527.5	461.6	427.4
62.5°	400.7	467.9	565.6	664.5	677.2	655.6	615.0	523.7	452.7	400.7	375.4
65°	347.5	410.9	489.5	564.3	575.7	552.9	511.1	445.1	385.5	352.5	328.4
67.5°	295.5	346.2	415.9	470.5	476.8	455.3	421.0	367.8	331.0	295.5	277.7
70°	249.8	287.9	342.4	386.8	389.3	369.0	351.3	303.1	275.2	249.8	235.9
72.5°	205.4	232.1	273.9	306.9	308.2	295.5	279.0	248.6	224.5	206.7	192.8
75°	162.3	185.1	210.5	239.7	238.4	228.3	215.6	196.6	176.3	164.9	158.5
77.5°	124.3	138.2	158.5	177.5	177.5	172.5	164.9	150.9	138.2	126.8	120.5
80°	88.8	97.6	114.1	120.5	123.0	121.7	115.4	105.3	100.2	91.3	88.8
82.5°	57.1	63.4	71.0	77.4	81.2	78.6	77.4	72.3	64.7	62.1	59.6
85°	33.0	35.5	39.3	43.1	44.4	43.1	45.7	41.8	38.0	38.0	36.8
87.5°	13.9	15.2	17.8	17.8	19.0	19.0	17.8	19.0	19.0	17.8	16.5
90°	0.7	2.3	4.0	5.6	7.3	8.1	8.7	9.9	11.0	12.2	13.4
92.5°	16.8	16.2	15.6	15.0	14.4	14.1	14.3	14.8	15.2	15.7	16.1
95°	43.7	38.8	33.8	28.9	24.0	21.5	22.0	23.1	24.1	25.2	26.2
97.5°	78.6	66.4	54.1	41.9	29.6	23.5	24.7	27.1	29.5	31.9	34.3
100°	118.9	98.5	78.0	57.6	37.1	26.9	28.2	30.7	33.2	35.8	38.3
102.5°	163.2	162.9	162.6	162.3	162.0	161.9	148.3	121.1	94.0	66.8	39.6
105°	204.2	208.7	213.1	217.6	222.1	224.3	203.9	163.2	122.5	81.7	41.0
107.5°	251.9	255.6	259.4	263.1	266.8	268.7	243.5	193.2	142.9	92.6	42.3
110°	297.6	300.7	303.9	307.0	310.1	311.7	290.1	247.0	203.8	160.7	117.5

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	340.5	343.2	345.9	348.6	351.3	352.6	351.3	348.8	346.3	343.7	341.2
115°	386.2	388.7	391.3	393.8	396.3	397.6	399.5	403.2	406.9	410.7	414.4
117.5°	425.8	428.8	431.8	434.8	437.8	439.3	440.6	443.1	445.6	448.2	450.7
120°	470.2	472.4	474.7	476.9	479.2	480.3	481.6	484.3	487.0	489.6	492.3
122.5°	507.8	510.2	512.6	514.9	517.3	518.5	520.0	523.0	526.0	529.0	532.0
125°	546.1	548.0	550.0	551.9	553.8	554.8	556.2	559.1	561.9	564.8	567.6
127.5°	581.0	583.1	585.2	587.3	589.4	590.4	591.5	593.8	596.0	598.3	600.5
130°	613.9	616.3	618.7	621.1	623.5	624.7	625.5	627.2	628.8	630.5	632.1
132.5°	647.5	649.4	651.4	653.3	655.2	656.2	657.0	658.7	660.3	662.0	663.6
135°	675.7	678.1	680.5	682.9	685.3	686.5	687.2	688.5	689.8	691.2	692.5
137.5°	705.3	707.1	708.9	710.6	712.4	713.3	714.0	715.5	717.0	718.5	720.0
140°	734.2	735.4	736.6	737.7	738.9	739.5	740.3	742.0	743.6	745.3	746.9
142.5°	758.3	759.3	760.4	761.4	762.5	763.0	764.0	765.9	767.9	769.8	771.8
145°	783.9	783.7	783.6	783.4	783.3	783.2	784.5	787.0	789.5	792.1	794.6
147.5°	806.0	805.6	805.1	804.7	804.2	804.0	805.3	807.8	810.3	812.9	815.4
150°	827.5	826.5	825.4	824.4	823.3	822.8	824.0	826.4	828.8	831.2	833.6
152.5°	845.7	844.5	843.3	842.1	840.9	840.3	841.4	843.7	845.9	848.2	850.4
155°	863.1	861.8	860.4	859.1	857.8	857.1	858.0	859.8	861.5	863.3	865.1
157.5°	877.2	876.0	874.8	873.6	872.4	871.8	872.5	873.8	875.2	876.5	877.9
160°	889.3	888.4	887.5	886.6	885.7	885.3	885.7	886.6	887.5	888.4	889.3
162.5°	900.1	899.2	898.3	897.4	896.5	896.0	896.4	897.1	897.9	898.6	899.4
165°	909.5	908.6	907.7	906.8	905.9	905.4	905.6	906.1	906.5	907.0	907.4
167.5°	916.9	916.0	915.1	914.2	913.3	912.8	913.0	913.5	913.9	914.4	914.8
170°	922.9	922.0	921.1	920.2	919.3	918.9	919.0	919.3	919.6	919.9	920.2
172.5°	926.9	926.0	925.1	924.2	923.3	922.9	923.0	923.3	923.6	923.9	924.2
175°	930.3	929.3	928.2	927.2	926.1	925.6	925.7	926.0	926.3	926.6	926.9
177.5°	931.6	930.6	929.5	928.5	927.4	926.9	927.0	927.1	927.3	927.4	927.6
180°	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8
2.5°	1714.5	1715.8	1718.3	1731.0	1737.3	1738.6	1733.5	1744.9	1748.7	1744.9	1742.4
5°	1795.7	1803.3	1818.5	1835.0	1833.7	1835.0	1842.6	1850.2	1852.7	1842.6	1846.4
7.5°	1866.7	1881.9	1898.4	1923.7	1923.7	1936.4	1941.5	1947.8	1963.0	1955.4	1952.9
10°	1947.8	1968.1	1998.5	2039.1	2040.4	2053.1	2065.8	2086.0	2092.4	2087.3	2089.9
12.5°	2049.3	2088.6	2091.1	2135.5	2155.8	2158.3	2178.6	2174.8	2187.5	2187.5	2209.1
15°	2093.7	2154.5	2188.8	2231.9	2244.6	2229.3	2245.8	2263.6	2264.9	2264.9	2263.6
17.5°	2173.5	2197.6	2231.9	2254.7	2259.8	2259.8	2261.0	2268.7	2263.6	2253.4	2261.0
20°	2190.0	2200.2	2212.9	2210.3	2212.9	2200.2	2187.5	2174.8	2176.1	2169.7	2188.8
22.5°	2159.6	2157.1	2127.9	2108.9	2108.9	2083.5	2059.4	2048.0	2036.6	2040.4	2046.7
25°	2083.5	2044.2	2008.7	1980.8	1974.5	1933.9	1900.9	1890.8	1871.7	1887.0	1889.5
27.5°	1961.8	1917.4	1860.3	1836.2	1803.3	1786.8	1763.9	1733.5	1694.2	1717.0	1713.2
30°	1831.2	1765.2	1718.3	1660.0	1608.0	1604.2	1561.0	1510.3	1490.0	1490.0	1501.4
32.5°	1685.3	1597.8	1529.3	1446.9	1396.2	1374.6	1322.6	1271.9	1283.3	1245.3	1259.2
35°	1515.4	1400.0	1313.8	1233.9	1195.8	1170.5	1103.3	1075.4	1044.9	1027.2	1060.1
37.5°	1353.1	1219.9	1109.6	1022.1	1008.2	962.5	916.8	899.1	881.3	888.9	887.7
40°	1155.3	1037.3	938.4	869.9	845.8	824.3	793.8	772.3	760.9	767.2	768.5
42.5°	976.4	877.5	804.0	755.8	735.5	720.3	705.1	687.3	683.5	683.5	688.6
45°	838.2	757.1	707.6	668.3	656.9	645.5	634.1	626.4	623.9	618.8	622.6
47.5°	727.9	663.2	632.8	603.6	590.9	588.4	578.3	574.5	569.4	568.1	569.4
50°	635.3	594.7	566.8	550.4	541.5	537.7	532.6	525.0	522.5	528.8	526.3
52.5°	570.7	532.6	517.4	500.9	495.8	490.8	483.2	484.4	483.2	480.6	480.6
55°	506.0	481.9	466.7	454.0	452.7	447.6	441.3	438.8	437.5	435.0	438.8
57.5°	454.0	435.0	421.0	409.6	404.5	404.5	398.2	393.1	393.1	391.8	393.1
60°	402.0	383.0	374.1	362.7	358.9	357.6	353.8	351.3	347.5	347.5	347.5
62.5°	353.8	338.6	328.4	318.3	319.6	313.2	308.2	305.6	305.6	306.9	306.9
65°	308.2	298.0	285.3	276.4	273.9	272.6	270.1	268.8	265.0	267.6	267.6
67.5°	266.3	252.4	244.7	240.9	237.1	235.9	233.3	230.8	229.5	228.3	230.8
70°	224.5	213.0	206.7	204.2	200.4	199.1	197.8	194.0	195.3	196.6	197.8
72.5°	186.4	176.3	175.0	167.4	167.4	167.4	162.3	164.9	163.6	161.1	163.6
75°	147.1	142.0	139.5	135.7	137.0	135.7	134.4	130.6	130.6	131.9	133.2
77.5°	116.7	111.6	110.3	106.5	104.0	106.5	104.0	102.7	102.7	104.0	104.0
80°	86.2	83.7	79.9	79.9	79.9	78.6	78.6	78.6	77.4	76.1	77.4
82.5°	57.1	57.1	55.8	54.5	55.8	53.3	54.5	54.5	54.5	54.5	54.5
85°	36.8	35.5	35.5	34.2	34.2	34.2	35.5	33.0	33.0	34.2	34.2
87.5°	16.5	16.5	16.5	17.8	16.5	16.5	16.5	17.8	16.5	16.5	16.5
90°	14.2	14.9	15.7	16.4	16.8	16.9	17.2	17.5	17.8	18.1	17.8
92.5°	16.4	16.7	17.0	17.3	17.5	17.6	17.7	17.8	18.0	18.1	18.0
95°	27.0	27.7	28.5	29.2	29.6	29.5	29.4	29.2	29.1	28.9	29.1
97.5°	34.7	35.2	35.6	36.1	36.3	36.4	36.5	36.6	36.8	36.9	36.8
100°	39.5	40.7	41.9	43.1	43.7	43.8	44.1	44.4	44.7	45.0	44.7
102.5°	41.2	42.9	44.5	46.2	47.0	47.2	47.7	48.1	48.6	49.0	48.6
105°	42.6	44.3	45.9	47.6	48.4	48.7	49.3	49.8	50.4	51.0	50.4
107.5°	43.9	45.6	47.2	48.9	49.7	50.0	50.6	51.2	51.8	52.4	51.8
110°	102.6	87.7	72.8	57.9	50.4	50.7	51.3	51.9	52.5	53.1	52.5

TEST NUMBER: P999162

CATALOG NUMBER: SA2XXDIP-B865D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	276.9	212.5	148.2	83.9	51.7	51.9	52.4	52.8	53.3	53.7	53.3
115°	345.3	276.2	207.1	138.0	103.4	98.0	87.3	76.6	65.8	55.1	65.8
117.5°	429.4	408.0	386.7	365.4	354.7	335.1	296.0	256.9	217.8	178.7	217.8
120°	494.1	495.9	497.7	499.5	500.4	490.3	470.2	450.0	429.9	409.7	429.9
122.5°	532.9	533.8	534.7	535.6	536.0	536.1	536.2	536.4	536.5	536.7	536.5
125°	568.6	569.7	570.7	571.8	572.3	572.5	573.0	573.4	573.9	574.3	573.9
127.5°	602.0	603.5	605.0	606.5	607.2	607.3	607.4	607.6	607.7	607.9	607.7
130°	633.7	635.3	637.0	638.6	639.4	639.3	639.2	639.1	638.9	638.8	638.9
132.5°	665.0	666.3	667.7	669.0	669.7	669.6	669.5	669.3	669.2	669.0	669.2
135°	694.0	695.5	697.0	698.5	699.2	699.1	698.8	698.5	698.2	697.9	698.2
137.5°	721.5	723.0	724.5	726.0	726.8	726.6	726.1	725.7	725.2	724.8	725.2
140°	748.3	749.6	751.0	752.3	753.0	752.6	751.9	751.1	750.4	749.6	750.4
142.5°	773.0	774.2	775.3	776.5	777.1	776.7	776.0	775.3	774.5	773.8	774.5
145°	795.6	796.7	797.7	798.8	799.3	798.9	798.2	797.4	796.7	795.9	796.7
147.5°	816.2	816.9	817.7	818.4	818.8	818.5	817.9	817.3	816.7	816.1	816.7
150°	834.5	835.4	836.3	837.2	837.6	837.2	836.5	835.7	835.0	834.2	835.0
152.5°	851.3	852.2	853.1	854.0	854.4	853.9	852.8	851.8	850.7	849.7	850.7
155°	866.0	866.9	867.8	868.7	869.2	868.6	867.4	866.2	865.0	863.8	865.0
157.5°	878.9	880.0	881.0	882.1	882.6	882.0	880.8	879.6	878.4	877.2	878.4
160°	890.2	891.1	892.0	892.9	893.3	892.8	891.7	890.7	889.6	888.6	889.6
162.5°	900.4	901.5	902.5	903.6	904.1	903.4	902.1	900.7	899.4	898.0	899.4
165°	908.5	909.5	910.6	911.7	912.2	911.7	910.6	909.5	908.5	907.4	908.5
167.5°	915.8	916.9	917.9	919.0	919.5	918.8	917.5	916.2	914.8	913.5	914.8
170°	921.2	922.3	923.3	924.4	924.9	924.2	922.9	921.6	920.2	918.9	920.2
172.5°	925.2	926.3	927.3	928.4	928.9	928.2	926.9	925.6	924.2	922.9	924.2
175°	927.9	929.0	930.0	931.1	931.6	930.9	929.4	927.9	926.4	924.9	926.4
177.5°	928.6	929.7	930.7	931.8	932.3	931.6	930.3	929.0	927.6	926.3	927.6
180°	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3

TEST NUMBER: P999162

CATALOG NUMBER: SA2XXDIP-B865D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8
2.5°	1748.7	1739.9	1732.2	1733.5	1739.9	1734.8	1722.1	1705.6	1699.3	1691.7	1699.3
5°	1854.0	1846.4	1831.2	1832.4	1828.6	1823.5	1803.3	1777.9	1777.9	1757.6	1755.1
7.5°	1958.0	1946.6	1936.4	1933.9	1919.9	1909.8	1892.0	1856.5	1842.6	1818.5	1804.5
10°	2074.6	2065.8	2054.3	2040.4	2032.8	2015.0	1985.9	1933.9	1908.5	1875.5	1851.4
12.5°	2192.6	2191.3	2165.9	2138.0	2136.8	2108.9	2088.6	2018.8	1984.6	1940.2	1883.2
15°	2267.4	2261.0	2247.1	2233.2	2237.0	2206.5	2160.9	2078.4	2055.6	2002.4	1941.5
17.5°	2266.1	2266.1	2262.3	2259.8	2256.0	2247.1	2221.7	2167.2	2130.4	2063.2	2006.2
20°	2193.8	2210.3	2214.1	2212.9	2225.5	2231.9	2230.6	2196.4	2167.2	2107.6	2049.3
22.5°	2049.3	2087.3	2103.8	2113.9	2140.6	2154.5	2187.5	2174.8	2167.2	2122.8	2073.4
25°	1914.9	1927.5	1977.0	1979.5	2016.3	2050.5	2083.5	2105.1	2133.0	2116.5	2074.6
27.5°	1741.1	1770.3	1805.8	1832.4	1840.0	1909.8	1964.3	2004.9	2068.3	2073.4	2059.4
30°	1544.6	1558.5	1616.8	1652.4	1692.9	1743.7	1822.3	1892.0	1949.1	2001.1	2018.8
32.5°	1304.9	1362.0	1396.2	1439.3	1474.8	1564.9	1661.2	1751.3	1817.2	1904.7	1942.8
35°	1085.5	1129.9	1188.2	1206.0	1270.7	1346.7	1472.3	1587.7	1687.9	1776.6	1854.0
37.5°	904.2	939.7	1001.8	1029.7	1067.8	1165.4	1270.7	1413.9	1534.4	1643.5	1739.9
40°	779.9	806.5	853.4	862.3	894.0	982.8	1067.8	1202.2	1362.0	1509.1	1614.3
42.5°	694.9	707.6	739.3	750.7	771.0	830.6	906.7	1033.5	1181.9	1334.1	1482.4
45°	634.1	642.9	662.0	672.1	697.5	724.1	786.2	887.7	1004.3	1157.8	1317.6
47.5°	579.5	590.9	598.6	604.9	618.8	648.0	688.6	763.4	875.0	1015.8	1170.5
50°	533.9	537.7	551.6	552.9	561.8	580.8	618.8	664.5	753.3	867.4	1017.0
52.5°	488.2	492.0	500.9	509.8	513.6	528.8	554.2	592.2	658.2	748.2	881.3
55°	442.6	447.6	456.5	462.9	466.7	479.3	494.6	531.3	583.3	646.7	755.8
57.5°	396.9	408.3	410.9	414.7	421.0	435.0	448.9	470.5	511.1	569.4	649.3
60°	353.8	357.6	366.5	370.3	376.6	384.2	402.0	418.5	447.6	493.3	565.6
62.5°	309.4	318.3	322.1	325.9	331.0	339.9	351.3	369.0	394.4	431.2	488.2
65°	271.4	272.6	280.3	285.3	290.4	296.7	308.2	324.6	339.9	374.1	415.9
67.5°	234.6	237.1	239.7	244.7	251.1	257.4	267.6	276.4	295.5	318.3	351.3
70°	199.1	199.1	205.4	209.2	208.0	215.6	223.2	233.3	247.3	268.8	295.5
72.5°	167.4	166.1	171.2	172.5	175.0	180.1	185.1	195.3	202.9	219.4	239.7
75°	133.2	135.7	138.2	138.2	142.0	145.8	150.9	156.0	164.9	175.0	190.2
77.5°	105.3	105.3	107.8	109.1	112.9	111.6	116.7	121.7	128.1	137.0	148.4
80°	77.4	79.9	79.9	79.9	81.2	82.4	87.5	91.3	95.1	101.4	106.5
82.5°	54.5	54.5	57.1	57.1	57.1	59.6	59.6	60.9	63.4	67.2	71.0
85°	34.2	34.2	34.2	35.5	34.2	35.5	38.0	36.8	38.0	40.6	40.6
87.5°	16.5	16.5	16.5	16.5	16.5	17.8	16.5	17.8	19.0	19.0	19.0
90°	17.5	17.2	16.9	16.8	16.4	15.7	14.9	14.2	13.4	12.2	11.0
92.5°	17.8	17.7	17.6	17.5	17.3	17.0	16.7	16.4	16.1	15.7	15.2
95°	29.2	29.4	29.5	29.6	29.2	28.5	27.7	27.0	26.2	25.2	24.1
97.5°	36.6	36.5	36.4	36.3	36.1	35.6	35.2	34.7	34.3	31.9	29.5
100°	44.4	44.1	43.8	43.7	43.1	41.9	40.7	39.5	38.3	35.8	33.2
102.5°	48.1	47.7	47.2	47.0	46.2	44.5	42.9	41.2	39.6	66.8	94.0
105°	49.8	49.3	48.7	48.4	47.6	45.9	44.3	42.6	41.0	81.7	122.5
107.5°	51.2	50.6	50.0	49.7	48.9	47.2	45.6	43.9	42.3	92.6	142.9
110°	51.9	51.3	50.7	50.4	57.9	72.8	87.7	102.6	117.5	160.7	203.8



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CATALOG NUMBER: SA2XXDIP-B865D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	52.8	52.4	51.9	51.7	83.9	148.2	212.5	276.9	341.2	343.7	346.3
115°	76.6	87.3	98.0	103.4	138.0	207.1	276.2	345.3	414.4	410.7	406.9
117.5°	256.9	296.0	335.1	354.7	365.4	386.7	408.0	429.4	450.7	448.2	445.6
120°	450.0	470.2	490.3	500.4	499.5	497.7	495.9	494.1	492.3	489.6	487.0
122.5°	536.4	536.2	536.1	536.0	535.6	534.7	533.8	532.9	532.0	529.0	526.0
125°	573.4	573.0	572.5	572.3	571.8	570.7	569.7	568.6	567.6	564.8	561.9
127.5°	607.6	607.4	607.3	607.2	606.5	605.0	603.5	602.0	600.5	598.3	596.0
130°	639.1	639.2	639.3	639.4	638.6	637.0	635.3	633.7	632.1	630.5	628.8
132.5°	669.3	669.5	669.6	669.7	669.0	667.7	666.3	665.0	663.6	662.0	660.3
135°	698.5	698.8	699.1	699.2	698.5	697.0	695.5	694.0	692.5	691.2	689.8
137.5°	725.7	726.1	726.6	726.8	726.0	724.5	723.0	721.5	720.0	718.5	717.0
140°	751.1	751.9	752.6	753.0	752.3	751.0	749.6	748.3	746.9	745.3	743.6
142.5°	775.3	776.0	776.7	777.1	776.5	775.3	774.2	773.0	771.8	769.8	767.9
145°	797.4	798.2	798.9	799.3	798.8	797.7	796.7	795.6	794.6	792.1	789.5
147.5°	817.3	817.9	818.5	818.8	818.4	817.7	816.9	816.2	815.4	812.9	810.3
150°	835.7	836.5	837.2	837.6	837.2	836.3	835.4	834.5	833.6	831.2	828.8
152.5°	851.8	852.8	853.9	854.4	854.0	853.1	852.2	851.3	850.4	848.2	845.9
155°	866.2	867.4	868.6	869.2	868.7	867.8	866.9	866.0	865.1	863.3	861.5
157.5°	879.6	880.8	882.0	882.6	882.1	881.0	880.0	878.9	877.9	876.5	875.2
160°	890.7	891.7	892.8	893.3	892.9	892.0	891.1	890.2	889.3	888.4	887.5
162.5°	900.7	902.1	903.4	904.1	903.6	902.5	901.5	900.4	899.4	898.6	897.9
165°	909.5	910.6	911.7	912.2	911.7	910.6	909.5	908.5	907.4	907.0	906.5
167.5°	916.2	917.5	918.8	919.5	919.0	917.9	916.9	915.8	914.8	914.4	913.9
170°	921.6	922.9	924.2	924.9	924.4	923.3	922.3	921.2	920.2	919.9	919.6
172.5°	925.6	926.9	928.2	928.9	928.4	927.3	926.3	925.2	924.2	923.9	923.6
175°	927.9	929.4	930.9	931.6	931.1	930.0	929.0	927.9	926.9	926.6	926.3
177.5°	929.0	930.3	931.6	932.3	931.8	930.7	929.7	928.6	927.6	927.4	927.3
180°	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8
2.5°	1692.9	1686.6	1682.8	1685.3	1677.7	1658.7	1658.7	1665.0	1657.4	1649.8	1638.4
5°	1739.9	1727.2	1719.6	1718.3	1700.5	1670.1	1663.8	1657.4	1640.9	1623.2	1604.2
7.5°	1785.5	1762.7	1750.0	1741.1	1715.8	1676.4	1660.0	1646.0	1619.4	1592.8	1568.7
10°	1823.5	1790.6	1775.4	1761.4	1728.4	1679.0	1652.4	1627.0	1592.8	1558.5	1528.1
12.5°	1854.0	1815.9	1796.9	1776.6	1736.0	1671.4	1638.4	1597.8	1563.6	1517.9	1487.5
15°	1904.7	1826.1	1808.3	1789.3	1747.5	1658.7	1618.1	1572.5	1525.5	1464.7	1431.7
17.5°	1945.3	1840.0	1838.8	1798.2	1743.7	1653.6	1591.5	1531.9	1481.2	1420.3	1368.3
20°	1969.4	1861.6	1841.3	1799.5	1731.0	1619.4	1554.7	1488.8	1434.2	1360.7	1308.7
22.5°	1989.7	1892.0	1838.8	1788.0	1704.3	1608.0	1512.9	1450.7	1375.9	1296.0	1246.6
25°	1997.3	1898.4	1842.6	1784.2	1685.3	1575.0	1467.2	1400.0	1316.3	1244.0	1176.8
27.5°	1998.5	1897.1	1828.6	1767.8	1658.7	1531.9	1421.6	1350.5	1258.0	1174.3	1107.1
30°	1985.9	1883.2	1821.0	1755.1	1633.3	1492.6	1365.8	1287.1	1188.2	1104.5	1034.8
32.5°	1947.8	1855.3	1804.5	1732.2	1600.4	1438.0	1312.5	1225.0	1121.0	1038.6	971.4
35°	1884.4	1821.0	1765.2	1698.0	1557.2	1387.3	1259.2	1156.5	1051.3	972.6	909.2
37.5°	1805.8	1771.6	1719.6	1653.6	1507.8	1341.7	1199.6	1085.5	980.3	904.2	842.0
40°	1699.3	1708.2	1657.4	1597.8	1449.5	1279.5	1122.3	1013.2	914.3	843.3	782.4
42.5°	1583.9	1620.7	1591.5	1534.4	1384.8	1211.0	1065.2	944.7	848.4	774.8	724.1
45°	1459.6	1523.0	1505.3	1463.4	1317.6	1138.8	984.1	867.4	782.4	711.4	667.0
47.5°	1323.9	1413.9	1413.9	1383.5	1242.8	1066.5	914.3	795.1	711.4	660.7	617.6
50°	1185.7	1287.1	1303.6	1283.3	1159.1	984.1	829.3	721.6	649.3	599.8	568.1
52.5°	1041.1	1159.1	1189.5	1179.3	1070.3	905.4	759.6	654.3	588.4	545.3	517.4
55°	902.9	1039.9	1072.8	1076.6	975.2	819.2	682.2	589.7	526.3	497.1	473.0
57.5°	772.3	904.2	940.9	947.3	878.8	740.6	610.0	528.8	471.7	447.6	428.6
60°	660.7	771.0	819.2	833.2	773.6	649.3	542.8	464.1	421.0	398.2	380.4
62.5°	569.4	658.2	708.9	712.7	686.1	569.4	473.0	407.1	370.3	350.0	341.1
65°	480.6	560.5	590.9	606.2	584.6	493.3	408.3	353.8	324.6	306.9	298.0
67.5°	409.6	460.3	485.7	506.0	484.4	415.9	347.5	303.1	281.5	263.8	258.7
70°	336.1	377.9	396.9	417.2	398.2	346.2	296.7	256.2	237.1	223.2	216.8
72.5°	268.8	301.8	319.6	332.2	320.8	277.7	237.1	209.2	195.3	185.1	181.3
75°	213.0	235.9	246.0	254.9	249.8	216.8	191.5	168.7	156.0	147.1	144.6
77.5°	162.3	178.8	190.2	192.8	186.4	164.9	143.3	129.3	119.2	114.1	111.6
80°	115.4	125.5	131.9	135.7	129.3	120.5	105.3	95.1	86.2	79.9	78.6
82.5°	77.4	82.4	87.5	86.2	83.7	76.1	67.2	62.1	58.3	53.3	53.3
85°	44.4	45.7	48.2	49.5	48.2	43.1	38.0	35.5	33.0	29.2	29.2
87.5°	19.0	20.3	20.3	21.6	19.0	19.0	16.5	13.9	13.9	12.7	11.4
90°	9.9	8.7	8.1	7.3	5.6	4.0	2.3	0.7	2.3	4.0	5.6
92.5°	14.8	14.3	14.1	14.4	15.0	15.6	16.2	16.8	16.2	15.6	15.0
95°	23.1	22.0	21.5	24.0	28.9	33.8	38.8	43.7	38.8	33.8	28.9
97.5°	27.1	24.7	23.5	29.6	41.9	54.1	66.4	78.6	66.4	54.1	41.9
100°	30.7	28.2	26.9	37.1	57.6	78.0	98.5	118.9	98.5	78.0	57.6
102.5°	121.1	148.3	161.9	162.0	162.3	162.6	162.9	163.2	162.9	162.6	162.3
105°	163.2	203.9	224.3	222.1	217.6	213.1	208.7	204.2	208.7	213.1	217.6
107.5°	193.2	243.5	268.7	266.8	263.1	259.4	255.6	251.9	255.6	259.4	263.1
110°	247.0	290.1	311.7	310.1	307.0	303.9	300.7	297.6	300.7	303.9	307.0

TEST NUMBER: P999162

CATALOG NUMBER: SA2XXDIP-B865D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	348.8	351.3	352.6	351.3	348.6	345.9	343.2	340.5	343.2	345.9	348.6
115°	403.2	399.5	397.6	396.3	393.8	391.3	388.7	386.2	388.7	391.3	393.8
117.5°	443.1	440.6	439.3	437.8	434.8	431.8	428.8	425.8	428.8	431.8	434.8
120°	484.3	481.6	480.3	479.2	476.9	474.7	472.4	470.2	472.4	474.7	476.9
122.5°	523.0	520.0	518.5	517.3	514.9	512.6	510.2	507.8	510.2	512.6	514.9
125°	559.1	556.2	554.8	553.8	551.9	550.0	548.0	546.1	548.0	550.0	551.9
127.5°	593.8	591.5	590.4	589.4	587.3	585.2	583.1	581.0	583.1	585.2	587.3
130°	627.2	625.5	624.7	623.5	621.1	618.7	616.3	613.9	616.3	618.7	621.1
132.5°	658.7	657.0	656.2	655.2	653.3	651.4	649.4	647.5	649.4	651.4	653.3
135°	688.5	687.2	686.5	685.3	682.9	680.5	678.1	675.7	678.1	680.5	682.9
137.5°	715.5	714.0	713.3	712.4	710.6	708.9	707.1	705.3	707.1	708.9	710.6
140°	742.0	740.3	739.5	738.9	737.7	736.6	735.4	734.2	735.4	736.6	737.7
142.5°	765.9	764.0	763.0	762.5	761.4	760.4	759.3	758.3	759.3	760.4	761.4
145°	787.0	784.5	783.2	783.3	783.4	783.6	783.7	783.9	783.7	783.6	783.4
147.5°	807.8	805.3	804.0	804.2	804.7	805.1	805.6	806.0	805.6	805.1	804.7
150°	826.4	824.0	822.8	823.3	824.4	825.4	826.5	827.5	826.5	825.4	824.4
152.5°	843.7	841.4	840.3	840.9	842.1	843.3	844.5	845.7	844.5	843.3	842.1
155°	859.8	858.0	857.1	857.8	859.1	860.4	861.8	863.1	861.8	860.4	859.1
157.5°	873.8	872.5	871.8	872.4	873.6	874.8	876.0	877.2	876.0	874.8	873.6
160°	886.6	885.7	885.3	885.7	886.6	887.5	888.4	889.3	888.4	887.5	886.6
162.5°	897.1	896.4	896.0	896.5	897.4	898.3	899.2	900.1	899.2	898.3	897.4
165°	906.1	905.6	905.4	905.9	906.8	907.7	908.6	909.5	908.6	907.7	906.8
167.5°	913.5	913.0	912.8	913.3	914.2	915.1	916.0	916.9	916.0	915.1	914.2
170°	919.3	919.0	918.9	919.3	920.2	921.1	922.0	922.9	922.0	921.1	920.2
172.5°	923.3	923.0	922.9	923.3	924.2	925.1	926.0	926.9	926.0	925.1	924.2
175°	926.0	925.7	925.6	926.1	927.2	928.2	929.3	930.3	929.3	928.2	927.2
177.5°	927.1	927.0	926.9	927.4	928.5	929.5	930.6	931.6	930.6	929.5	928.5
180°	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3

TEST NUMBER: P999162

CATALOG NUMBER: SA2XXDIP-B865D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8
2.5°	1632.1	1638.4	1637.1	1624.5	1610.5	1599.1	1577.5	1580.1	1572.5	1573.7	1581.3
5°	1591.5	1591.5	1586.4	1568.7	1545.8	1533.2	1509.1	1502.7	1487.5	1486.2	1485.0
7.5°	1548.4	1542.0	1535.7	1510.3	1482.4	1462.1	1429.2	1421.6	1406.3	1396.2	1391.1
10°	1497.6	1488.8	1476.1	1446.9	1412.7	1387.3	1353.1	1342.9	1313.8	1301.1	1293.5
12.5°	1441.8	1436.8	1416.5	1392.4	1336.6	1308.7	1259.2	1269.4	1240.2	1214.9	1211.0
15°	1386.0	1367.0	1355.6	1316.3	1249.1	1236.4	1197.1	1176.8	1150.2	1129.9	1129.9
17.5°	1331.5	1302.4	1277.0	1235.1	1185.7	1150.2	1121.0	1110.9	1077.9	1057.6	1053.8
20°	1259.2	1226.3	1219.9	1160.3	1126.1	1086.8	1058.9	1033.5	1009.4	1000.5	994.2
22.5°	1190.8	1152.7	1142.6	1091.8	1057.6	1018.3	990.4	972.6	954.9	948.5	937.1
25°	1117.2	1094.4	1079.2	1024.6	986.6	949.8	930.8	918.1	901.6	900.4	892.8
27.5°	1046.2	1024.6	1009.4	957.4	929.5	895.3	880.1	866.1	857.2	853.4	849.6
30°	985.3	961.2	943.5	905.4	871.2	843.3	830.6	821.7	816.7	810.3	809.1
32.5°	918.1	904.2	880.1	850.9	824.3	797.6	790.0	783.7	776.1	773.6	772.3
35°	861.1	842.0	826.8	793.8	782.4	759.6	750.7	745.7	735.5	733.0	730.4
37.5°	805.3	787.5	771.0	750.7	729.2	716.5	711.4	703.8	698.7	700.0	697.5
40°	749.5	735.5	722.8	701.3	688.6	682.2	672.1	664.5	662.0	663.2	662.0
42.5°	694.9	682.2	674.6	658.2	645.5	639.1	632.8	625.2	629.0	629.0	632.8
45°	645.5	634.1	629.0	616.3	608.7	598.6	592.2	590.9	596.0	594.7	594.7
47.5°	594.7	590.9	584.6	573.2	563.0	556.7	555.4	555.4	560.5	563.0	561.8
50°	555.4	547.8	540.2	531.3	523.7	521.2	517.4	519.9	525.0	525.0	527.5
52.5°	506.0	500.9	498.4	490.8	485.7	485.7	485.7	487.0	490.8	494.6	493.3
55°	462.9	459.1	456.5	452.7	446.4	447.6	446.4	448.9	452.7	456.5	459.1
57.5°	417.2	415.9	413.4	407.1	407.1	405.8	409.6	410.9	417.2	419.7	423.6
60°	376.6	372.8	372.8	367.8	367.8	367.8	371.6	375.4	380.4	381.7	384.2
62.5°	333.5	333.5	332.2	328.4	328.4	332.2	333.5	338.6	341.1	341.1	344.9
65°	292.9	291.7	290.4	291.7	292.9	292.9	296.7	299.3	301.8	303.1	304.3
67.5°	252.4	251.1	253.6	252.4	254.9	260.0	258.7	262.5	266.3	266.3	267.6
70°	214.3	216.8	215.6	218.1	216.8	219.4	223.2	224.5	224.5	225.7	229.5
72.5°	178.8	178.8	178.8	177.5	178.8	181.3	183.9	185.1	187.7	188.9	192.8
75°	144.6	144.6	142.0	144.6	144.6	147.1	149.6	149.6	149.6	152.2	156.0
77.5°	109.1	110.3	109.1	111.6	111.6	112.9	115.4	114.1	116.7	117.9	119.2
80°	79.9	78.6	78.6	78.6	79.9	79.9	82.4	83.7	83.7	87.5	85.0
82.5°	50.7	52.0	50.7	52.0	52.0	53.3	52.0	53.3	54.5	57.1	55.8
85°	29.2	27.9	27.9	29.2	27.9	27.9	29.2	27.9	29.2	27.9	29.2
87.5°	11.4	10.1	10.1	10.1	10.1	8.9	8.9	7.6	7.6	7.6	6.3
90°	7.3	8.1	8.7	9.9	11.0	12.2	13.4	14.2	14.9	15.7	16.4
92.5°	14.4	14.1	14.3	14.8	15.2	15.7	16.1	16.4	16.7	17.0	17.3
95°	24.0	21.5	22.0	23.1	24.1	25.2	26.2	27.0	27.7	28.5	29.2
97.5°	29.6	23.5	24.7	27.1	29.5	31.9	34.3	34.7	35.2	35.6	36.1
100°	37.1	26.9	28.2	30.7	33.2	35.8	38.3	39.5	40.7	41.9	43.1
102.5°	162.0	161.9	148.3	121.1	94.0	66.8	39.6	41.2	42.9	44.5	46.2
105°	222.1	224.3	203.9	163.2	122.5	81.7	41.0	42.6	44.3	45.9	47.6
107.5°	266.8	268.7	243.5	193.2	142.9	92.6	42.3	43.9	45.6	47.2	48.9
110°	310.1	311.7	290.1	247.0	203.8	160.7	117.5	102.6	87.7	72.8	57.9

TEST NUMBER: P999162

CATALOG NUMBER: SA2XXDIP-B865D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	351.3	352.6	351.3	348.8	346.3	343.7	341.2	276.9	212.5	148.2	83.9
115°	396.3	397.6	399.5	403.2	406.9	410.7	414.4	345.3	276.2	207.1	138.0
117.5°	437.8	439.3	440.6	443.1	445.6	448.2	450.7	429.4	408.0	386.7	365.4
120°	479.2	480.3	481.6	484.3	487.0	489.6	492.3	494.1	495.9	497.7	499.5
122.5°	517.3	518.5	520.0	523.0	526.0	529.0	532.0	532.9	533.8	534.7	535.6
125°	553.8	554.8	556.2	559.1	561.9	564.8	567.6	568.6	569.7	570.7	571.8
127.5°	589.4	590.4	591.5	593.8	596.0	598.3	600.5	602.0	603.5	605.0	606.5
130°	623.5	624.7	625.5	627.2	628.8	630.5	632.1	633.7	635.3	637.0	638.6
132.5°	655.2	656.2	657.0	658.7	660.3	662.0	663.6	665.0	666.3	667.7	669.0
135°	685.3	686.5	687.2	688.5	689.8	691.2	692.5	694.0	695.5	697.0	698.5
137.5°	712.4	713.3	714.0	715.5	717.0	718.5	720.0	721.5	723.0	724.5	726.0
140°	738.9	739.5	740.3	742.0	743.6	745.3	746.9	748.3	749.6	751.0	752.3
142.5°	762.5	763.0	764.0	765.9	767.9	769.8	771.8	773.0	774.2	775.3	776.5
145°	783.3	783.2	784.5	787.0	789.5	792.1	794.6	795.6	796.7	797.7	798.8
147.5°	804.2	804.0	805.3	807.8	810.3	812.9	815.4	816.2	816.9	817.7	818.4
150°	823.3	822.8	824.0	826.4	828.8	831.2	833.6	834.5	835.4	836.3	837.2
152.5°	840.9	840.3	841.4	843.7	845.9	848.2	850.4	851.3	852.2	853.1	854.0
155°	857.8	857.1	858.0	859.8	861.5	863.3	865.1	866.0	866.9	867.8	868.7
157.5°	872.4	871.8	872.5	873.8	875.2	876.5	877.9	878.9	880.0	881.0	882.1
160°	885.7	885.3	885.7	886.6	887.5	888.4	889.3	890.2	891.1	892.0	892.9
162.5°	896.5	896.0	896.4	897.1	897.9	898.6	899.4	900.4	901.5	902.5	903.6
165°	905.9	905.4	905.6	906.1	906.5	907.0	907.4	908.5	909.5	910.6	911.7
167.5°	913.3	912.8	913.0	913.5	913.9	914.4	914.8	915.8	916.9	917.9	919.0
170°	919.3	918.9	919.0	919.3	919.6	919.9	920.2	921.2	922.3	923.3	924.4
172.5°	923.3	922.9	923.0	923.3	923.6	923.9	924.2	925.2	926.3	927.3	928.4
175°	926.1	925.6	925.7	926.0	926.3	926.6	926.9	927.9	929.0	930.0	931.1
177.5°	927.4	926.9	927.0	927.1	927.3	927.4	927.6	928.6	929.7	930.7	931.8
180°	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3

TEST NUMBER: P999162

CATALOG NUMBER: SA2XXDIP-B865D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8
2.5°	1572.5	1576.3	1567.4	1564.9	1567.4	1558.5	1561.0	1563.6	1563.6	1567.4	1569.9
5°	1481.2	1476.1	1467.2	1464.7	1462.1	1465.9	1463.4	1467.2	1468.5	1477.4	1478.6
7.5°	1391.1	1383.5	1375.9	1368.3	1365.8	1359.4	1365.8	1365.8	1374.6	1372.1	1378.4
10°	1284.6	1283.3	1273.2	1269.4	1264.3	1254.2	1268.1	1264.3	1270.7	1282.1	1284.6
12.5°	1206.0	1192.0	1198.4	1180.6	1187.0	1176.8	1178.1	1178.1	1188.2	1189.5	1187.0
15°	1131.2	1119.7	1103.3	1095.7	1091.8	1086.8	1103.3	1104.5	1096.9	1114.7	1108.3
17.5°	1055.1	1055.1	1039.9	1036.0	1025.9	1031.0	1028.4	1029.7	1027.2	1039.9	1046.2
20°	989.1	982.8	977.7	979.0	966.3	963.8	961.2	963.8	972.6	981.5	984.1
22.5°	935.9	932.1	919.4	921.9	911.8	915.6	913.0	919.4	920.7	920.7	929.5
25°	885.1	880.1	881.3	876.3	872.5	872.5	868.7	872.5	877.5	880.1	881.3
27.5°	847.1	843.3	837.0	833.2	835.7	829.3	834.4	838.2	838.2	835.7	838.2
30°	801.4	804.0	804.0	791.3	796.4	793.8	797.6	800.2	800.2	801.4	798.9
32.5°	771.0	763.4	762.1	760.9	760.9	755.8	755.8	759.6	760.9	762.1	765.9
35°	730.4	730.4	724.1	727.9	722.8	724.1	722.8	724.1	726.6	722.8	726.6
37.5°	693.7	694.9	692.4	694.9	696.2	693.7	691.1	696.2	693.7	693.7	691.1
40°	662.0	660.7	662.0	662.0	662.0	663.2	660.7	660.7	660.7	658.2	655.6
42.5°	635.3	627.7	630.3	631.5	627.7	627.7	629.0	627.7	631.5	623.9	623.9
45°	597.3	594.7	596.0	596.0	598.6	594.7	597.3	598.6	594.7	593.5	590.9
47.5°	563.0	565.6	563.0	565.6	565.6	568.1	563.0	564.3	565.6	560.5	556.7
50°	528.8	528.8	532.6	531.3	532.6	530.1	530.1	528.8	530.1	527.5	523.7
52.5°	497.1	493.3	499.6	498.4	497.1	495.8	494.6	495.8	493.3	490.8	490.8
55°	457.8	457.8	461.6	462.9	462.9	460.3	457.8	459.1	457.8	456.5	455.3
57.5°	426.1	421.0	423.6	424.8	424.8	421.0	423.6	421.0	421.0	422.3	418.5
60°	385.5	385.5	383.0	386.8	386.8	384.2	384.2	385.5	383.0	381.7	380.4
62.5°	342.4	343.7	347.5	348.7	350.0	347.5	344.9	346.2	346.2	342.4	343.7
65°	305.6	308.2	313.2	312.0	309.4	310.7	308.2	309.4	305.6	306.9	303.1
67.5°	270.1	268.8	270.1	270.1	272.6	271.4	268.8	268.8	267.6	271.4	267.6
70°	232.1	232.1	232.1	232.1	233.3	234.6	232.1	229.5	230.8	228.3	227.0
72.5°	192.8	194.0	192.8	195.3	191.5	194.0	194.0	192.8	191.5	191.5	191.5
75°	156.0	158.5	154.7	156.0	154.7	157.2	156.0	156.0	153.4	152.2	153.4
77.5°	119.2	120.5	117.9	119.2	117.9	119.2	119.2	117.9	117.9	117.9	117.9
80°	85.0	86.2	85.0	83.7	82.4	85.0	82.4	83.7	85.0	83.7	86.2
82.5°	54.5	54.5	53.3	54.5	52.0	52.0	53.3	53.3	52.0	54.5	52.0
85°	26.6	26.6	29.2	26.6	25.4	25.4	25.4	26.6	25.4	27.9	26.6
87.5°	6.3	5.1	6.3	6.3	5.1	5.1	6.3	5.1	6.3	7.6	5.1
90°	16.8	16.9	17.2	17.5	17.8	18.1	17.8	17.5	17.2	16.9	16.8
92.5°	17.5	17.6	17.7	17.8	18.0	18.1	18.0	17.8	17.7	17.6	17.5
95°	29.6	29.5	29.4	29.2	29.1	28.9	29.1	29.2	29.4	29.5	29.6
97.5°	36.3	36.4	36.5	36.6	36.8	36.9	36.8	36.6	36.5	36.4	36.3
100°	43.7	43.8	44.1	44.4	44.7	45.0	44.7	44.4	44.1	43.8	43.7
102.5°	47.0	47.2	47.7	48.1	48.6	49.0	48.6	48.1	47.7	47.2	47.0
105°	48.4	48.7	49.3	49.8	50.4	51.0	50.4	49.8	49.3	48.7	48.4
107.5°	49.7	50.0	50.6	51.2	51.8	52.4	51.8	51.2	50.6	50.0	49.7
110°	50.4	50.7	51.3	51.9	52.5	53.1	52.5	51.9	51.3	50.7	50.4

TEST NUMBER: P999162

CATALOG NUMBER: SA2XXDIP-B865D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	51.7	51.9	52.4	52.8	53.3	53.7	53.3	52.8	52.4	51.9	51.7
115°	103.4	98.0	87.3	76.6	65.8	55.1	65.8	76.6	87.3	98.0	103.4
117.5°	354.7	335.1	296.0	256.9	217.8	178.7	217.8	256.9	296.0	335.1	354.7
120°	500.4	490.3	470.2	450.0	429.9	409.7	429.9	450.0	470.2	490.3	500.4
122.5°	536.0	536.1	536.2	536.4	536.5	536.7	536.5	536.4	536.2	536.1	536.0
125°	572.3	572.5	573.0	573.4	573.9	574.3	573.9	573.4	573.0	572.5	572.3
127.5°	607.2	607.3	607.4	607.6	607.7	607.9	607.7	607.6	607.4	607.3	607.2
130°	639.4	639.3	639.2	639.1	638.9	638.8	638.9	639.1	639.2	639.3	639.4
132.5°	669.7	669.6	669.5	669.3	669.2	669.0	669.2	669.3	669.5	669.6	669.7
135°	699.2	699.1	698.8	698.5	698.2	697.9	698.2	698.5	698.8	699.1	699.2
137.5°	726.8	726.6	726.1	725.7	725.2	724.8	725.2	725.7	726.1	726.6	726.8
140°	753.0	752.6	751.9	751.1	750.4	749.6	750.4	751.1	751.9	752.6	753.0
142.5°	777.1	776.7	776.0	775.3	774.5	773.8	774.5	775.3	776.0	776.7	777.1
145°	799.3	798.9	798.2	797.4	796.7	795.9	796.7	797.4	798.2	798.9	799.3
147.5°	818.8	818.5	817.9	817.3	816.7	816.1	816.7	817.3	817.9	818.5	818.8
150°	837.6	837.2	836.5	835.7	835.0	834.2	835.0	835.7	836.5	837.2	837.6
152.5°	854.4	853.9	852.8	851.8	850.7	849.7	850.7	851.8	852.8	853.9	854.4
155°	869.2	868.6	867.4	866.2	865.0	863.8	865.0	866.2	867.4	868.6	869.2
157.5°	882.6	882.0	880.8	879.6	878.4	877.2	878.4	879.6	880.8	882.0	882.6
160°	893.3	892.8	891.7	890.7	889.6	888.6	889.6	890.7	891.7	892.8	893.3
162.5°	904.1	903.4	902.1	900.7	899.4	898.0	899.4	900.7	902.1	903.4	904.1
165°	912.2	911.7	910.6	909.5	908.5	907.4	908.5	909.5	910.6	911.7	912.2
167.5°	919.5	918.8	917.5	916.2	914.8	913.5	914.8	916.2	917.5	918.8	919.5
170°	924.9	924.2	922.9	921.6	920.2	918.9	920.2	921.6	922.9	924.2	924.9
172.5°	928.9	928.2	926.9	925.6	924.2	922.9	924.2	925.6	926.9	928.2	928.9
175°	931.6	930.9	929.4	927.9	926.4	924.9	926.4	927.9	929.4	930.9	931.6
177.5°	932.3	931.6	930.3	929.0	927.6	926.3	927.6	929.0	930.3	931.6	932.3
180°	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3

TEST NUMBER: P999162

CATALOG NUMBER: SA2XXDIP-B865D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8
2.5°	1566.1	1576.3	1572.5	1558.5	1575.0	1575.0	1586.4	1586.4	1600.4	1605.4	1613.0
5°	1477.4	1485.0	1491.3	1485.0	1496.4	1514.1	1524.3	1533.2	1552.2	1559.8	1571.2
7.5°	1382.2	1396.2	1402.5	1402.5	1421.6	1441.8	1462.1	1474.8	1501.4	1511.6	1523.0
10°	1289.7	1306.2	1318.8	1317.6	1349.3	1362.0	1387.3	1416.5	1443.1	1458.3	1474.8
12.5°	1192.0	1200.9	1218.7	1244.0	1251.6	1274.5	1303.6	1340.4	1388.6	1402.5	1426.6
15°	1110.9	1135.0	1148.9	1160.3	1178.1	1199.6	1231.3	1266.8	1315.0	1345.5	1370.8
17.5°	1042.4	1074.1	1083.0	1080.4	1103.3	1136.2	1173.0	1199.6	1242.8	1279.5	1303.6
20°	986.6	999.3	1014.5	1020.8	1038.6	1074.1	1109.6	1140.0	1175.5	1204.7	1232.6
22.5°	930.8	940.9	953.6	965.0	979.0	999.3	1033.5	1071.6	1105.8	1133.7	1165.4
25°	885.1	891.5	902.9	911.8	927.0	940.9	965.0	1006.9	1047.5	1063.9	1091.8
27.5°	840.8	845.8	853.4	863.6	871.2	885.1	906.7	940.9	982.8	999.3	1037.3
30°	801.4	805.3	812.9	817.9	821.7	838.2	854.7	881.3	913.0	935.9	963.8
32.5°	764.7	768.5	776.1	777.4	782.4	791.3	806.5	830.6	858.5	877.5	901.6
35°	724.1	726.6	734.2	736.8	740.6	748.2	759.6	777.4	802.7	816.7	838.2
37.5°	692.4	691.1	696.2	700.0	705.1	708.9	712.7	730.4	749.5	762.1	778.6
40°	658.2	655.6	656.9	662.0	664.5	669.6	669.6	687.3	700.0	710.1	722.8
42.5°	623.9	622.6	620.1	622.6	625.2	626.4	627.7	640.4	653.1	662.0	675.9
45°	589.7	588.4	585.9	587.1	587.1	589.7	593.5	598.6	607.4	615.0	622.6
47.5°	558.0	555.4	551.6	550.4	552.9	552.9	552.9	558.0	566.8	569.4	577.0
50°	525.0	521.2	516.1	513.6	513.6	512.3	514.9	516.1	523.7	526.3	532.6
52.5°	489.5	487.0	481.9	476.8	478.1	475.5	476.8	478.1	480.6	484.4	488.2
55°	454.0	448.9	445.1	443.8	440.0	440.0	436.2	441.3	440.0	441.3	446.4
57.5°	419.7	414.7	408.3	405.8	402.0	400.7	398.2	396.9	398.2	402.0	405.8
60°	379.2	376.6	372.8	369.0	366.5	362.7	360.1	360.1	358.9	358.9	360.1
62.5°	339.9	338.6	333.5	332.2	329.7	327.2	323.4	320.8	320.8	323.4	324.6
65°	301.8	300.5	296.7	295.5	289.1	286.6	285.3	284.1	281.5	281.5	281.5
67.5°	266.3	262.5	262.5	256.2	251.1	248.6	246.0	244.7	244.7	244.7	246.0
70°	227.0	227.0	223.2	219.4	214.3	215.6	211.8	208.0	208.0	205.4	206.7
72.5°	188.9	187.7	183.9	182.6	178.8	175.0	172.5	175.0	171.2	169.9	171.2
75°	152.2	150.9	148.4	145.8	147.1	143.3	139.5	138.2	138.2	135.7	135.7
77.5°	116.7	119.2	114.1	112.9	110.3	107.8	106.5	105.3	105.3	105.3	107.8
80°	81.2	82.4	82.4	79.9	81.2	77.4	77.4	77.4	73.6	74.8	76.1
82.5°	52.0	52.0	50.7	52.0	50.7	50.7	49.5	49.5	48.2	48.2	49.5
85°	29.2	27.9	26.6	29.2	27.9	27.9	26.6	26.6	26.6	26.6	26.6
87.5°	6.3	7.6	7.6	7.6	7.6	8.9	8.9	8.9	10.1	10.1	10.1
90°	16.4	15.7	14.9	14.2	13.4	12.2	11.0	9.9	8.7	8.1	7.3
92.5°	17.3	17.0	16.7	16.4	16.1	15.7	15.2	14.8	14.3	14.1	14.4
95°	29.2	28.5	27.7	27.0	26.2	25.2	24.1	23.1	22.0	21.5	24.0
97.5°	36.1	35.6	35.2	34.7	34.3	31.9	29.5	27.1	24.7	23.5	29.6
100°	43.1	41.9	40.7	39.5	38.3	35.8	33.2	30.7	28.2	26.9	37.1
102.5°	46.2	44.5	42.9	41.2	39.6	66.8	94.0	121.1	148.3	161.9	162.0
105°	47.6	45.9	44.3	42.6	41.0	81.7	122.5	163.2	203.9	224.3	222.1
107.5°	48.9	47.2	45.6	43.9	42.3	92.6	142.9	193.2	243.5	268.7	266.8
110°	57.9	72.8	87.7	102.6	117.5	160.7	203.8	247.0	290.1	311.7	310.1

TEST NUMBER: P999162

CATALOG NUMBER: SA2XXDIP-B865D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	83.9	148.2	212.5	276.9	341.2	343.7	346.3	348.8	351.3	352.6	351.3
115°	138.0	207.1	276.2	345.3	414.4	410.7	406.9	403.2	399.5	397.6	396.3
117.5°	365.4	386.7	408.0	429.4	450.7	448.2	445.6	443.1	440.6	439.3	437.8
120°	499.5	497.7	495.9	494.1	492.3	489.6	487.0	484.3	481.6	480.3	479.2
122.5°	535.6	534.7	533.8	532.9	532.0	529.0	526.0	523.0	520.0	518.5	517.3
125°	571.8	570.7	569.7	568.6	567.6	564.8	561.9	559.1	556.2	554.8	553.8
127.5°	606.5	605.0	603.5	602.0	600.5	598.3	596.0	593.8	591.5	590.4	589.4
130°	638.6	637.0	635.3	633.7	632.1	630.5	628.8	627.2	625.5	624.7	623.5
132.5°	669.0	667.7	666.3	665.0	663.6	662.0	660.3	658.7	657.0	656.2	655.2
135°	698.5	697.0	695.5	694.0	692.5	691.2	689.8	688.5	687.2	686.5	685.3
137.5°	726.0	724.5	723.0	721.5	720.0	718.5	717.0	715.5	714.0	713.3	712.4
140°	752.3	751.0	749.6	748.3	746.9	745.3	743.6	742.0	740.3	739.5	738.9
142.5°	776.5	775.3	774.2	773.0	771.8	769.8	767.9	765.9	764.0	763.0	762.5
145°	798.8	797.7	796.7	795.6	794.6	792.1	789.5	787.0	784.5	783.2	783.3
147.5°	818.4	817.7	816.9	816.2	815.4	812.9	810.3	807.8	805.3	804.0	804.2
150°	837.2	836.3	835.4	834.5	833.6	831.2	828.8	826.4	824.0	822.8	823.3
152.5°	854.0	853.1	852.2	851.3	850.4	848.2	845.9	843.7	841.4	840.3	840.9
155°	868.7	867.8	866.9	866.0	865.1	863.3	861.5	859.8	858.0	857.1	857.8
157.5°	882.1	881.0	880.0	878.9	877.9	876.5	875.2	873.8	872.5	871.8	872.4
160°	892.9	892.0	891.1	890.2	889.3	888.4	887.5	886.6	885.7	885.3	885.7
162.5°	903.6	902.5	901.5	900.4	899.4	898.6	897.9	897.1	896.4	896.0	896.5
165°	911.7	910.6	909.5	908.5	907.4	907.0	906.5	906.1	905.6	905.4	905.9
167.5°	919.0	917.9	916.9	915.8	914.8	914.4	913.9	913.5	913.0	912.8	913.3
170°	924.4	923.3	922.3	921.2	920.2	919.9	919.6	919.3	919.0	918.9	919.3
172.5°	928.4	927.3	926.3	925.2	924.2	923.9	923.6	923.3	923.0	922.9	923.3
175°	931.1	930.0	929.0	927.9	926.9	926.6	926.3	926.0	925.7	925.6	926.1
177.5°	931.8	930.7	929.7	928.6	927.6	927.4	927.3	927.1	927.0	926.9	927.4
180°	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3	928.3

TEST NUMBER: P999162

CATALOG NUMBER: SA2XXDIP-B865D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1649.8	1649.8	1649.8	1649.8
2.5°	1619.4	1619.4	1638.4	1658.7
5°	1583.9	1592.8	1623.2	1651.1
7.5°	1549.6	1564.9	1602.9	1638.4
10°	1507.8	1528.1	1575.0	1616.8
12.5°	1467.2	1486.2	1540.8	1587.7
15°	1410.1	1434.2	1492.6	1550.9
17.5°	1353.1	1377.2	1448.2	1516.7
20°	1285.9	1317.6	1397.5	1488.8
22.5°	1223.7	1263.0	1351.8	1425.4
25°	1155.3	1216.1	1298.5	1393.7
27.5°	1094.4	1155.3	1238.9	1335.3
30°	1025.9	1088.0	1174.3	1263.0
32.5°	960.0	1017.0	1100.7	1209.8
35°	891.5	946.0	1027.2	1137.5
37.5°	829.3	882.6	971.4	1072.8
40°	768.5	824.3	900.4	1001.8
42.5°	711.4	760.9	829.3	930.8
45°	659.4	694.9	758.3	853.4
47.5°	604.9	636.6	694.9	790.0
50°	554.2	580.8	631.5	720.3
52.5°	504.7	527.5	574.5	645.5
55°	460.3	481.9	516.1	585.9
57.5°	414.7	431.2	464.1	519.9
60°	370.3	385.5	412.1	457.8
62.5°	325.9	338.6	363.9	400.7
65°	286.6	296.7	315.8	347.5
67.5°	248.6	254.9	270.1	295.5
70°	211.8	216.8	229.5	249.8
72.5°	172.5	177.5	191.5	205.4
75°	139.5	140.8	150.9	162.3
77.5°	109.1	107.8	115.4	124.3
80°	74.8	78.6	85.0	88.8
82.5°	50.7	52.0	54.5	57.1
85°	27.9	29.2	29.2	33.0
87.5°	11.4	12.7	12.7	13.9
90°	5.6	4.0	2.3	0.7
92.5°	15.0	15.6	16.2	16.8
95°	28.9	33.8	38.8	43.7
97.5°	41.9	54.1	66.4	78.6
100°	57.6	78.0	98.5	118.9
102.5°	162.3	162.6	162.9	163.2
105°	217.6	213.1	208.7	204.2
107.5°	263.1	259.4	255.6	251.9
110°	307.0	303.9	300.7	297.6



TEST NUMBER: P999162

CATALOG NUMBER: SA2XXDIP-B865D725UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	348.6	345.9	343.2	340.5
115°	393.8	391.3	388.7	386.2
117.5°	434.8	431.8	428.8	425.8
120°	476.9	474.7	472.4	470.2
122.5°	514.9	512.6	510.2	507.8
125°	551.9	550.0	548.0	546.1
127.5°	587.3	585.2	583.1	581.0
130°	621.1	618.7	616.3	613.9
132.5°	653.3	651.4	649.4	647.5
135°	682.9	680.5	678.1	675.7
137.5°	710.6	708.9	707.1	705.3
140°	737.7	736.6	735.4	734.2
142.5°	761.4	760.4	759.3	758.3
145°	783.4	783.6	783.7	783.9
147.5°	804.7	805.1	805.6	806.0
150°	824.4	825.4	826.5	827.5
152.5°	842.1	843.3	844.5	845.7
155°	859.1	860.4	861.8	863.1
157.5°	873.6	874.8	876.0	877.2
160°	886.6	887.5	888.4	889.3
162.5°	897.4	898.3	899.2	900.1
165°	906.8	907.7	908.6	909.5
167.5°	914.2	915.1	916.0	916.9
170°	920.2	921.1	922.0	922.9
172.5°	924.2	925.1	926.0	926.9
175°	927.2	928.2	929.3	930.3
177.5°	928.5	929.5	930.6	931.6
180°	928.3	928.3	928.3	928.3

TEST NUMBER: P999162

CATALOG NUMBER: SA2XXDIP-B865D725UB2750-4F0-XX-W2A-A_5000K

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	17.83	18.72	18.73	19.63	20.80	15.32	16.21	16.22	17.13	18.29
	3H	18.64	19.44	19.56	20.36	21.56	16.67	17.47	17.58	18.39	19.58
	4H	18.81	19.57	19.74	20.49	21.70	17.13	17.89	18.06	18.81	20.02
	6H	18.86	19.55	19.80	20.49	21.70	17.44	18.13	18.38	19.07	20.28
	8H	18.84	19.50	19.79	20.45	21.66	17.53	18.19	18.47	19.14	20.35
	12H	18.80	19.43	19.75	20.38	21.61	17.57	18.20	18.52	19.14	20.38
4H	2H	17.87	18.63	18.81	19.56	20.76	15.77	16.52	16.70	17.45	18.66
	3H	18.86	19.48	19.80	20.44	21.66	17.24	17.86	18.18	18.82	20.04
	4H	19.14	19.71	20.09	20.66	21.90	17.77	18.34	18.72	19.30	20.54
	6H	19.27	19.76	20.23	20.74	21.98	18.15	18.64	19.12	19.62	20.86
	8H	19.27	19.72	20.23	20.70	21.95	18.26	18.72	19.23	19.69	20.95
	12H	19.23	19.64	20.22	20.63	21.89	18.32	18.73	19.31	19.72	20.98
8H	4H	19.15	19.60	20.11	20.58	21.83	17.92	18.37	18.88	19.35	20.60
	6H	19.33	19.70	20.32	20.72	21.97	18.35	18.73	19.34	19.74	21.00
	8H	19.36	19.69	20.36	20.69	21.96	18.50	18.84	19.50	19.84	21.11
	12H	19.34	19.64	20.35	20.63	21.95	18.60	18.89	19.60	19.88	21.20
12H	4H	19.11	19.52	20.09	20.51	21.77	17.89	18.30	18.88	19.29	20.55
	6H	19.31	19.64	20.31	20.64	21.91	18.35	18.69	19.35	19.69	20.96
	8H	19.34	19.63	20.34	20.63	21.95	18.51	18.80	19.51	19.80	21.12