

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: P999064

Luminaire Tested: SA2XXDIP-B865D330UB35-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P999064
REPORT IS A COMBINATION OF REPORTS P984813 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B865D330UB35-4F0-XX-W2A-A4
Description: Define 2 Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

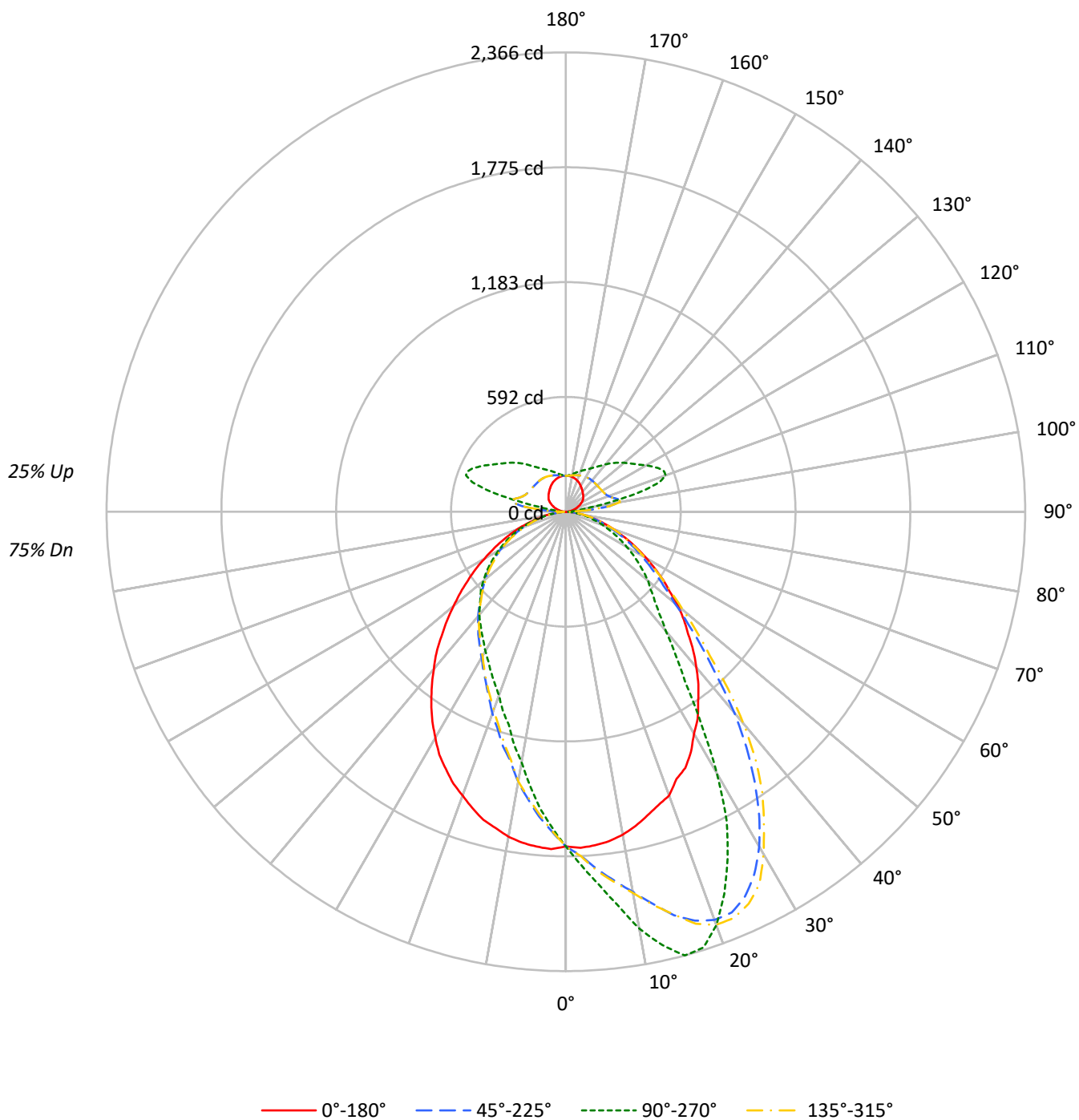
Lumens per Lamp: N/A
Luminaire Lumens: 5096.0 lumens
Efficiency: N/A
Efficacy: 90.8 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 56.1
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	113	113	113	113	107	107	107	107	97	97	97	87	87	87	79	79	79
1	104	100	96	93	99	95	92	89	86	84	81	78	76	74	71	69	68
2	95	88	82	77	90	84	79	74	77	72	69	70	66	63	63	61	58
3	87	78	71	65	83	75	68	63	68	63	59	62	58	55	57	53	51
4	81	70	62	56	76	67	60	54	61	55	51	56	51	47	51	47	44
5	74	63	55	49	71	60	53	47	55	49	44	51	46	42	46	42	39
6	69	57	49	43	65	54	47	42	50	44	39	46	41	37	42	38	35
7	64	52	44	38	61	50	42	37	46	40	35	42	37	33	39	35	31
8	60	47	39	34	57	45	38	33	42	36	32	39	34	30	36	32	28
9	56	43	36	31	53	42	35	30	39	33	29	36	31	27	33	29	26
10	52	40	33	28	50	39	32	27	36	30	26	33	28	25	31	27	24

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	27277	27277	27277	27277
5°	27344	29085	27448	23140
10°	27026	31750	27195	19078
15°	26370	33490	26736	16069
20°	25958	31444	25958	13968
25°	25132	27013	25246	12490
30°	23771	21235	24223	11314
35°	22564	14684	22942	10351
40°	21178	11087	21419	9583
45°	19468	9111	19787	8756
50°	17990	7996	18024	8016
55°	16305	6814	16411	7211
60°	14511	5691	14711	6293
65°	12901	4629	13139	5374
70°	11299	3632	11589	4334
75°	9482	2638	9857	3143
80°	7401	1671	7928	1865
85°	4859	842	5241	623

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 28197 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	164.1	3.2
10°-20°	477.7	9.4
20°-30°	693.3	13.6
30°-40°	730.9	14.3
40°-50°	646.8	12.7
50°-60°	516.4	10.1
60°-70°	350.8	6.9
70°-80°	179.5	3.5
80°-90°	43.6	0.9
90°-100°	72.4	1.4
100°-110°	254.9	5.0
110°-120°	267.7	5.3
120°-130°	220.2	4.3
130°-140°	176.9	3.5
140°-150°	133.6	2.6
150°-160°	93.9	1.8
160°-170°	55.3	1.1
170°-180°	18.0	0.4
0°-30°	1335.2	26.2
0°-40°	2066.1	40.5
0°-60°	3229.3	63.4
0°-90°	3803.2	74.6
90°-120°	594.9	11.7
90°-150°	1125.6	22.1
90°-180°	1293.0	25.4
0°-180°	5096.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1723	1723	1723	1723	1723	
5°	1725	1925	1731	1531	1725	163
15°	1620	2366	1642	1135	1620	458
25°	1456	1971	1462	911	1456	665
35°	1188	1073	1208	756	1188	743
45°	891	646	906	621	891	692
55°	612	454	616	481	612	546
65°	363	280	370	324	363	361
75°	170	138	176	164	170	182
85°	34	36	37	26	34	40
90°	0	12	0	12	0	3
95°	12	41	12	41	12	13
105°	44	402	44	402	44	46
115°	77	529	77	529	77	76
125°	107	430	107	430	107	95
135°	126	356	126	356	126	97
145°	144	284	144	284	144	90
155°	163	239	163	239	163	75
165°	178	210	178	210	178	50
175°	185	189	185	189	185	18
180°	186	186	186	186	186	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2
2.5°	1732.5	1736.5	1743.1	1744.4	1757.7	1768.3	1780.2	1780.2	1784.2	1782.8	1772.3
5°	1724.6	1736.5	1753.7	1768.3	1792.1	1802.7	1818.6	1830.5	1841.1	1849.1	1847.8
7.5°	1711.3	1732.5	1757.7	1785.5	1817.3	1835.8	1858.3	1879.5	1894.1	1907.4	1916.6
10°	1688.8	1724.6	1759.0	1796.1	1837.2	1862.3	1888.8	1916.6	1939.1	1964.3	1988.2
12.5°	1658.3	1710.0	1752.4	1801.4	1851.7	1879.5	1921.9	1943.1	1986.8	2050.4	2067.6
15°	1619.9	1690.1	1729.9	1792.1	1858.3	1880.9	1939.1	1973.6	2063.7	2103.4	2151.1
17.5°	1584.2	1662.3	1715.3	1786.8	1851.7	1895.4	1952.4	2022.6	2098.1	2155.0	2208.0
20°	1555.0	1630.5	1694.1	1773.6	1855.7	1911.3	1970.9	2055.7	2137.8	2196.1	2237.2
22.5°	1488.8	1585.5	1659.7	1748.4	1847.8	1924.6	1981.5	2074.3	2163.0	2198.8	2234.5
25°	1455.7	1539.1	1625.2	1725.9	1842.5	1933.8	1982.9	2086.2	2164.3	2177.6	2185.5
27.5°	1394.8	1488.8	1589.5	1704.7	1841.1	1918.0	1980.2	2074.3	2136.5	2127.2	2103.4
30°	1319.3	1434.5	1545.8	1670.3	1822.6	1906.0	1964.3	2050.4	2082.2	2034.5	1992.1
32.5°	1263.6	1372.2	1495.4	1639.8	1801.4	1880.9	1937.8	2005.4	2012.0	1925.9	1854.4
35°	1188.1	1308.7	1447.7	1600.1	1765.6	1837.2	1890.1	1931.2	1899.4	1778.9	1694.1
37.5°	1120.6	1239.8	1388.1	1543.1	1716.6	1786.8	1829.2	1835.8	1757.7	1651.7	1527.2
40°	1046.4	1169.6	1324.6	1487.5	1662.3	1723.2	1749.7	1729.9	1617.3	1494.1	1349.7
42.5°	972.2	1094.1	1261.0	1427.9	1593.4	1645.1	1655.7	1601.4	1463.6	1319.3	1152.4
45°	891.4	1018.6	1185.5	1353.7	1514.0	1543.1	1544.4	1466.3	1303.4	1152.4	997.4
47.5°	825.2	943.1	1108.7	1276.9	1412.0	1431.8	1423.9	1333.8	1156.3	986.8	851.7
50°	752.3	864.9	1029.2	1194.7	1310.0	1315.3	1295.4	1166.9	993.4	838.4	731.2
52.5°	674.2	788.1	939.1	1098.1	1201.4	1193.4	1155.0	1017.3	854.3	725.9	643.7
55°	611.9	712.6	854.3	1009.3	1082.2	1059.6	1017.3	876.9	748.4	639.8	568.2
57.5°	543.1	631.8	770.9	906.0	948.4	927.2	884.8	753.7	634.5	552.3	504.7
60°	478.2	559.0	680.8	793.4	826.5	804.0	755.0	637.1	551.0	482.1	446.4
62.5°	418.6	488.8	590.8	694.1	707.3	684.8	642.4	547.0	472.9	418.6	392.1
65°	362.9	429.2	511.3	589.4	601.3	577.5	533.8	464.9	402.7	368.2	343.1
67.5°	308.6	361.6	434.5	491.4	498.0	475.5	439.8	384.1	345.7	308.6	290.1
70°	260.9	300.7	357.6	404.0	406.6	385.4	366.9	316.6	287.4	260.9	246.4
72.5°	214.6	242.4	286.1	320.5	321.9	308.6	291.4	259.6	234.4	215.9	201.3
75°	169.5	193.4	219.9	250.3	249.0	238.4	225.2	205.3	184.1	172.2	165.6
77.5°	129.8	144.4	165.6	185.4	185.4	180.1	172.2	157.6	144.4	132.5	125.8
80°	92.7	102.0	119.2	125.8	128.5	127.2	120.5	109.9	104.6	95.4	92.7
82.5°	59.6	66.2	74.2	80.8	84.8	82.1	80.8	75.5	67.6	64.9	62.3
85°	34.4	37.1	41.1	45.0	46.4	45.0	47.7	43.7	39.7	39.7	38.4
87.5°	14.6	15.9	18.5	18.5	19.9	19.9	18.5	19.9	19.9	18.5	17.2
90°	0.4	1.4	2.9	3.6	4.3	4.8	5.4	7.1	9.6	11.8	12.1
92.5°	5.4	7.5	10.4	12.1	15.0	17.0	18.9	28.6	42.1	54.3	55.0
95°	12.5	13.9	17.5	20.7	26.4	30.7	35.0	51.4	82.5	123.9	139.9
97.5°	18.6	20.7	24.6	29.3	35.7	40.5	45.3	66.4	109.6	176.4	228.1
100°	27.5	28.6	31.8	37.5	44.6	49.6	54.6	73.5	117.1	194.2	282.0
102.5°	35.7	36.4	39.6	45.3	52.8	57.8	62.8	80.0	117.5	187.4	283.8
105°	43.6	45.0	47.5	52.8	60.7	65.7	70.7	87.5	119.2	178.1	264.5
107.5°	52.1	53.2	55.7	60.7	68.5	73.5	78.5	95.0	123.2	173.1	246.7
110°	60.7	62.1	64.3	68.9	76.4	81.6	86.8	102.5	128.2	171.7	234.5

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	68.5	70.0	72.5	76.8	83.9	89.2	94.6	109.6	133.5	172.1	226.7
115°	76.8	78.5	80.7	85.0	92.1	96.9	101.7	117.1	138.9	173.5	221.3
117.5°	85.3	86.8	88.9	92.8	99.6	104.6	109.6	123.9	144.6	175.6	218.5
120°	93.2	94.6	96.7	100.0	107.1	112.1	117.1	131.0	150.3	177.8	216.0
122.5°	100.7	101.7	103.9	107.5	114.6	119.8	125.0	137.8	155.3	180.3	214.6
125°	107.1	108.2	110.3	114.6	121.7	126.7	131.7	144.6	160.7	182.8	212.8
127.5°	112.5	113.9	116.7	121.4	128.2	133.4	138.5	151.0	165.6	185.3	211.7
130°	117.1	118.5	122.1	127.1	134.2	139.2	144.2	156.7	170.3	188.1	211.0
132.5°	121.4	123.2	127.1	132.4	139.9	144.9	149.9	161.7	174.9	191.0	210.6
135°	125.7	127.1	131.4	136.7	144.9	149.9	154.9	166.4	178.9	193.1	210.3
137.5°	129.6	131.4	135.7	141.4	149.6	154.2	158.9	170.3	182.1	195.3	210.3
140°	134.2	135.7	139.9	145.7	153.5	158.2	162.8	173.5	184.6	196.7	209.9
142.5°	138.9	139.9	143.9	149.6	157.1	161.4	165.6	176.0	186.7	197.8	209.9
145°	143.5	144.9	148.5	153.9	161.0	165.0	168.9	178.5	188.5	198.5	209.2
147.5°	148.5	149.6	153.2	158.2	164.2	167.8	171.4	180.6	189.6	198.8	208.1
150°	153.5	154.6	157.4	162.1	167.4	170.6	173.9	182.1	190.3	198.5	207.1
152.5°	158.5	158.9	161.7	165.6	170.6	173.5	176.4	183.5	190.6	197.8	205.3
155°	163.1	163.5	165.6	169.6	173.5	176.2	178.9	184.9	191.0	197.1	203.1
157.5°	167.1	167.4	169.2	172.8	176.0	178.3	180.6	186.0	191.0	195.6	201.0
160°	171.0	171.4	172.8	175.6	178.5	180.4	182.4	186.7	191.0	194.6	198.8
162.5°	174.9	174.6	176.0	178.1	180.6	182.0	183.5	187.1	190.6	193.5	197.1
165°	177.8	177.4	178.1	180.3	182.1	183.1	184.2	187.4	189.9	192.1	194.6
167.5°	180.3	179.9	180.6	182.1	183.5	184.2	184.9	187.4	189.6	190.6	192.4
170°	182.8	182.1	182.4	183.5	184.2	184.8	185.3	187.1	188.9	189.6	190.6
172.5°	184.2	183.9	183.5	184.6	184.9	185.2	185.6	186.7	187.8	188.1	188.5
175°	185.3	184.9	184.6	185.3	185.3	185.4	185.6	186.4	187.1	186.7	187.1
177.5°	186.0	185.3	184.9	185.6	185.6	185.6	185.6	186.0	186.7	186.0	185.6
180°	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2
2.5°	1790.8	1792.1	1794.8	1808.0	1814.6	1816.0	1810.7	1822.6	1826.6	1822.6	1819.9
5°	1875.6	1883.5	1899.4	1916.6	1915.3	1916.6	1924.6	1932.5	1935.2	1924.6	1928.5
7.5°	1949.7	1965.6	1982.9	2009.3	2009.3	2022.6	2027.9	2034.5	2050.4	2042.5	2039.8
10°	2034.5	2055.7	2087.5	2129.9	2131.2	2144.5	2157.7	2178.9	2185.5	2180.2	2182.9
12.5°	2140.5	2181.5	2184.2	2230.5	2251.7	2254.4	2275.6	2271.6	2284.9	2284.9	2307.4
15°	2186.8	2250.4	2286.2	2331.2	2344.5	2328.6	2345.8	2364.3	2365.7	2365.7	2364.3
17.5°	2270.3	2295.5	2331.2	2355.1	2360.4	2360.4	2361.7	2369.6	2364.3	2353.7	2361.7
20°	2287.5	2298.1	2311.3	2308.7	2311.3	2298.1	2284.9	2271.6	2272.9	2266.3	2286.2
22.5°	2255.7	2253.1	2222.6	2202.7	2202.7	2176.2	2151.1	2139.2	2127.2	2131.2	2137.8
25°	2176.2	2135.2	2098.1	2069.0	2062.3	2019.9	1985.5	1974.9	1955.0	1970.9	1973.6
27.5°	2049.1	2002.7	1943.1	1918.0	1883.5	1866.3	1842.5	1810.7	1769.6	1793.4	1789.5
30°	1912.7	1843.8	1794.8	1733.8	1679.5	1675.6	1630.5	1577.5	1556.3	1556.3	1568.3
32.5°	1760.3	1668.9	1597.4	1511.3	1458.3	1435.8	1381.5	1328.5	1340.4	1300.7	1315.3
35°	1582.8	1462.3	1372.2	1288.8	1249.1	1222.6	1152.4	1123.2	1091.4	1072.9	1107.3
37.5°	1413.3	1274.2	1159.0	1067.6	1053.0	1005.3	957.7	939.1	920.6	928.5	927.2
40°	1206.7	1083.5	980.2	908.6	883.5	861.0	829.2	806.7	794.7	801.4	802.7
42.5°	1019.9	916.6	839.8	789.4	768.2	752.3	736.5	717.9	713.9	713.9	719.2
45°	875.5	790.8	739.1	698.0	686.1	674.2	662.3	654.3	651.7	646.4	650.4
47.5°	760.3	692.7	661.0	630.5	617.2	614.6	604.0	600.0	594.7	593.4	594.7
50°	663.6	621.2	592.1	574.9	565.6	561.6	556.3	548.4	545.7	552.3	549.7
52.5°	596.0	556.3	540.4	523.2	517.9	512.6	504.7	506.0	504.7	502.0	502.0
55°	528.5	503.3	487.4	474.2	472.9	467.6	460.9	458.3	457.0	454.3	458.3
57.5°	474.2	454.3	439.8	427.8	422.5	422.5	415.9	410.6	410.6	409.3	410.6
60°	419.9	400.0	390.7	378.8	374.8	373.5	369.6	366.9	362.9	362.9	362.9
62.5°	369.6	353.7	343.1	332.5	333.8	327.2	321.9	319.2	319.2	320.5	320.5
65°	321.9	311.3	298.0	288.8	286.1	284.8	282.1	280.8	276.8	279.5	279.5
67.5°	278.2	263.6	255.6	251.7	247.7	246.4	243.7	241.1	239.7	238.4	241.1
70°	234.4	222.5	215.9	213.3	209.3	208.0	206.6	202.7	204.0	205.3	206.6
72.5°	194.7	184.1	182.8	174.8	174.8	174.8	169.5	172.2	170.9	168.2	170.9
75°	153.6	148.3	145.7	141.7	143.1	141.7	140.4	136.4	136.4	137.8	139.1
77.5°	121.9	116.6	115.2	111.3	108.6	111.3	108.6	107.3	107.3	108.6	108.6
80°	90.1	87.4	83.4	83.4	83.4	82.1	82.1	82.1	80.8	79.5	80.8
82.5°	59.6	59.6	58.3	57.0	58.3	55.6	57.0	57.0	57.0	57.0	57.0
85°	38.4	37.1	37.1	35.8	35.8	35.8	37.1	34.4	34.4	35.8	35.8
87.5°	17.2	17.2	17.2	18.5	17.2	17.2	17.2	18.5	17.2	17.2	17.2
90°	11.8	11.4	10.7	11.4	11.6	11.8	11.8	11.8	11.8	11.8	11.8
92.5°	46.1	36.1	30.7	26.8	25.4	23.9	23.6	22.1	22.5	21.8	22.5
95°	122.5	93.5	71.8	56.8	52.8	48.9	44.3	41.4	40.3	40.7	40.3
97.5°	229.9	191.4	152.8	116.7	106.0	95.3	81.4	74.3	70.3	68.2	70.3
100°	333.4	325.9	281.7	232.8	211.2	189.6	159.9	144.6	134.2	127.8	134.2
102.5°	372.0	414.1	412.7	380.2	357.0	333.8	301.0	272.0	258.5	249.2	258.5
105°	359.5	433.8	474.1	478.7	472.8	467.0	444.8	422.7	407.3	402.3	407.3
107.5°	333.1	412.7	472.7	507.7	514.8	521.9	521.6	518.4	513.7	505.5	513.7
110°	308.4	383.8	447.7	493.4	508.0	522.7	538.0	544.8	548.0	547.6	548.0

TEST NUMBER: P999064

CATALOG NUMBER: SA2XXDIP-B865D330UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	291.3	357.4	418.0	467.7	485.0	502.3	525.1	537.6	544.4	546.9	544.4
115°	277.7	336.7	391.6	438.4	456.8	475.2	500.5	516.9	526.2	529.4	526.2
117.5°	268.5	319.5	368.8	412.3	429.8	447.3	473.4	490.9	500.5	503.0	500.5
120°	261.3	307.4	351.6	389.5	405.8	422.0	447.0	463.7	474.1	477.7	474.1
122.5°	255.3	297.7	337.4	372.7	387.0	401.3	423.0	439.5	448.4	451.2	448.4
125°	249.5	288.5	325.2	356.6	370.0	383.4	404.1	417.7	426.6	429.5	426.6
127.5°	244.2	279.2	313.1	343.1	355.6	368.1	386.3	399.1	407.0	409.1	407.0
130°	238.8	270.3	301.0	329.2	341.0	352.7	370.2	382.3	389.5	392.3	389.5
132.5°	234.5	261.7	289.5	314.9	325.8	336.7	353.8	365.9	372.4	374.9	372.4
135°	230.6	253.8	277.4	301.0	311.0	320.9	336.3	348.1	354.5	355.9	354.5
137.5°	227.8	247.4	267.8	287.0	296.0	304.9	319.5	329.9	335.6	337.7	335.6
140°	225.3	241.3	258.5	274.9	282.8	290.6	302.0	311.3	316.7	318.8	316.7
142.5°	222.8	236.3	250.3	263.8	270.0	276.3	287.0	295.2	299.9	299.9	299.9
145°	220.6	231.7	243.5	254.5	259.7	264.9	273.5	279.5	283.1	284.2	283.1
147.5°	218.5	228.1	237.8	246.7	250.6	254.5	262.0	267.0	269.5	270.3	269.5
150°	215.6	224.2	232.1	239.5	242.8	246.0	251.3	255.6	257.8	258.1	257.8
152.5°	213.1	220.3	227.4	233.5	236.2	238.8	242.8	246.3	247.8	247.8	247.8
155°	209.9	216.7	222.4	227.8	229.8	231.7	235.6	238.1	239.5	238.8	239.5
157.5°	207.1	212.4	217.4	222.1	223.7	225.3	228.1	230.3	231.0	231.0	231.0
160°	203.8	208.5	212.4	216.3	217.6	218.8	221.3	223.1	223.5	223.5	223.5
162.5°	201.0	204.6	207.8	211.0	211.9	212.8	215.3	216.3	216.7	216.3	216.7
165°	197.8	200.6	203.1	205.6	206.4	207.1	208.5	209.9	209.9	209.6	209.9
167.5°	194.6	196.7	198.8	200.6	201.4	202.1	202.8	203.5	203.5	203.1	203.5
170°	192.1	193.9	194.9	196.4	196.8	197.1	197.4	198.5	198.1	197.4	198.1
172.5°	189.6	190.6	191.4	192.4	192.6	192.8	193.1	193.5	193.1	192.8	193.1
175°	187.4	188.5	188.9	189.2	189.4	189.6	189.6	189.9	189.6	188.9	189.6
177.5°	186.0	186.7	186.7	187.1	187.1	187.1	187.1	187.1	186.7	186.0	186.7
180°	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6

TEST NUMBER: P999064

CATALOG NUMBER: SA2XXDIP-B865D330UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2
2.5°	1826.6	1817.3	1809.3	1810.7	1817.3	1812.0	1798.7	1781.5	1774.9	1767.0	1774.9
5°	1936.5	1928.5	1912.7	1914.0	1910.0	1904.7	1883.5	1857.0	1857.0	1835.8	1833.2
7.5°	2045.1	2033.2	2022.6	2019.9	2005.4	1994.8	1976.2	1939.1	1924.6	1899.4	1884.8
10°	2167.0	2157.7	2145.8	2131.2	2123.3	2104.7	2074.3	2019.9	1993.5	1959.0	1933.8
12.5°	2290.2	2288.8	2262.3	2233.2	2231.9	2202.7	2181.5	2108.7	2072.9	2026.6	1967.0
15°	2368.3	2361.7	2347.1	2332.5	2336.5	2304.7	2257.0	2170.9	2147.1	2091.5	2027.9
17.5°	2367.0	2367.0	2363.0	2360.4	2356.4	2347.1	2320.6	2263.7	2225.2	2155.0	2095.4
20°	2291.5	2308.7	2312.7	2311.3	2324.6	2331.2	2329.9	2294.1	2263.7	2201.4	2140.5
22.5°	2140.5	2180.2	2197.4	2208.0	2235.8	2250.4	2284.9	2271.6	2263.7	2217.3	2165.6
25°	2000.1	2013.3	2065.0	2067.6	2106.0	2141.8	2176.2	2198.8	2227.9	2210.7	2167.0
27.5°	1818.6	1849.1	1886.2	1914.0	1921.9	1994.8	2051.7	2094.1	2160.3	2165.6	2151.1
30°	1613.3	1627.9	1688.8	1725.9	1768.3	1821.3	1903.4	1976.2	2035.8	2090.1	2108.7
32.5°	1363.0	1422.6	1458.3	1503.4	1540.5	1634.5	1735.2	1829.2	1898.1	1989.5	2029.2
35°	1133.8	1180.2	1241.1	1259.6	1327.2	1406.7	1537.8	1658.3	1763.0	1855.7	1936.5
37.5°	944.4	981.5	1046.4	1075.5	1115.3	1217.3	1327.2	1476.9	1602.7	1716.6	1817.3
40°	814.6	842.4	891.4	900.7	933.8	1026.5	1115.3	1255.7	1422.6	1576.2	1686.2
42.5°	725.9	739.1	772.2	784.1	805.3	867.6	947.1	1079.5	1234.5	1393.4	1548.4
45°	662.3	671.5	691.4	702.0	728.5	756.3	821.2	927.2	1049.0	1209.3	1376.2
47.5°	605.3	617.2	625.2	631.8	646.4	676.8	719.2	797.4	913.9	1061.0	1222.6
50°	557.6	561.6	576.2	577.5	586.8	606.6	646.4	694.1	786.8	906.0	1062.3
52.5°	510.0	513.9	523.2	532.5	536.4	552.3	578.8	618.6	687.4	781.5	920.6
55°	462.3	467.6	476.8	483.5	487.4	500.7	516.6	555.0	609.3	675.5	789.4
57.5°	414.6	426.5	429.2	433.1	439.8	454.3	468.9	491.4	533.8	594.7	678.2
60°	369.6	373.5	382.8	386.8	393.4	401.3	419.9	437.1	467.6	515.3	590.8
62.5°	323.2	332.5	336.4	340.4	345.7	355.0	366.9	385.4	411.9	450.3	510.0
65°	283.5	284.8	292.7	298.0	303.3	309.9	321.9	339.1	355.0	390.7	434.5
67.5°	245.0	247.7	250.3	255.6	262.3	268.9	279.5	288.8	308.6	332.5	366.9
70°	208.0	208.0	214.6	218.6	217.2	225.2	233.1	243.7	258.3	280.8	308.6
72.5°	174.8	173.5	178.8	180.1	182.8	188.1	193.4	204.0	211.9	229.1	250.3
75°	139.1	141.7	144.4	144.4	148.3	152.3	157.6	162.9	172.2	182.8	198.7
77.5°	109.9	109.9	112.6	113.9	117.9	116.6	121.9	127.2	133.8	143.1	155.0
80°	80.8	83.4	83.4	83.4	84.8	86.1	91.4	95.4	99.3	106.0	111.3
82.5°	57.0	57.0	59.6	59.6	59.6	62.3	62.3	63.6	66.2	70.2	74.2
85°	35.8	35.8	35.8	37.1	35.8	37.1	39.7	38.4	39.7	42.4	42.4
87.5°	17.2	17.2	17.2	17.2	17.2	18.5	17.2	18.5	19.9	19.9	19.9
90°	11.8	11.8	11.8	11.6	11.4	10.7	11.4	11.8	12.1	11.8	9.6
92.5°	22.1	23.6	23.9	25.4	26.8	30.7	36.1	46.1	55.0	54.3	42.1
95°	41.4	44.3	48.9	52.8	56.8	71.8	93.5	122.5	139.9	123.9	82.5
97.5°	74.3	81.4	95.3	106.0	116.7	152.8	191.4	229.9	228.1	176.4	109.6
100°	144.6	159.9	189.6	211.2	232.8	281.7	325.9	333.4	282.0	194.2	117.1
102.5°	272.0	301.0	333.8	357.0	380.2	412.7	414.1	372.0	283.8	187.4	117.5
105°	422.7	444.8	467.0	472.8	478.7	474.1	433.8	359.5	264.5	178.1	119.2
107.5°	518.4	521.6	521.9	514.8	507.7	472.7	412.7	333.1	246.7	173.1	123.2
110°	544.8	538.0	522.7	508.0	493.4	447.7	383.8	308.4	234.5	171.7	128.2

TEST NUMBER: P999064

CATALOG NUMBER: SA2XXDIP-B865D330UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	537.6	525.1	502.3	485.0	467.7	418.0	357.4	291.3	226.7	172.1	133.5
115°	516.9	500.5	475.2	456.8	438.4	391.6	336.7	277.7	221.3	173.5	138.9
117.5°	490.9	473.4	447.3	429.8	412.3	368.8	319.5	268.5	218.5	175.6	144.6
120°	463.7	447.0	422.0	405.8	389.5	351.6	307.4	261.3	216.0	177.8	150.3
122.5°	439.5	423.0	401.3	387.0	372.7	337.4	297.7	255.3	214.6	180.3	155.3
125°	417.7	404.1	383.4	370.0	356.6	325.2	288.5	249.5	212.8	182.8	160.7
127.5°	399.1	386.3	368.1	355.6	343.1	313.1	279.2	244.2	211.7	185.3	165.6
130°	382.3	370.2	352.7	341.0	329.2	301.0	270.3	238.8	211.0	188.1	170.3
132.5°	365.9	353.8	336.7	325.8	314.9	289.5	261.7	234.5	210.6	191.0	174.9
135°	348.1	336.3	320.9	311.0	301.0	277.4	253.8	230.6	210.3	193.1	178.9
137.5°	329.9	319.5	304.9	296.0	287.0	267.8	247.4	227.8	210.3	195.3	182.1
140°	311.3	302.0	290.6	282.8	274.9	258.5	241.3	225.3	209.9	196.7	184.6
142.5°	295.2	287.0	276.3	270.0	263.8	250.3	236.3	222.8	209.9	197.8	186.7
145°	279.5	273.5	264.9	259.7	254.5	243.5	231.7	220.6	209.2	198.5	188.5
147.5°	267.0	262.0	254.5	250.6	246.7	237.8	228.1	218.5	208.1	198.8	189.6
150°	255.6	251.3	246.0	242.8	239.5	232.1	224.2	215.6	207.1	198.5	190.3
152.5°	246.3	242.8	238.8	236.2	233.5	227.4	220.3	213.1	205.3	197.8	190.6
155°	238.1	235.6	231.7	229.8	227.8	222.4	216.7	209.9	203.1	197.1	191.0
157.5°	230.3	228.1	225.3	223.7	222.1	217.4	212.4	207.1	201.0	195.6	191.0
160°	223.1	221.3	218.8	217.6	216.3	212.4	208.5	203.8	198.8	194.6	191.0
162.5°	216.3	215.3	212.8	211.9	211.0	207.8	204.6	201.0	197.1	193.5	190.6
165°	209.9	208.5	207.1	206.4	205.6	203.1	200.6	197.8	194.6	192.1	189.9
167.5°	203.5	202.8	202.1	201.4	200.6	198.8	196.7	194.6	192.4	190.6	189.6
170°	198.5	197.4	197.1	196.8	196.4	194.9	193.9	192.1	190.6	189.6	188.9
172.5°	193.5	193.1	192.8	192.6	192.4	191.4	190.6	189.6	188.5	188.1	187.8
175°	189.9	189.6	189.6	189.4	189.2	188.9	188.5	187.4	187.1	186.7	187.1
177.5°	187.1	187.1	187.1	187.1	187.1	186.7	186.7	186.0	185.6	186.0	186.7
180°	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6

TEST NUMBER: P999064

CATALOG NUMBER: SA2XXDIP-B865D330UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2
2.5°	1768.3	1761.7	1757.7	1760.3	1752.4	1732.5	1732.5	1739.1	1731.2	1723.2	1711.3
5°	1817.3	1804.0	1796.1	1794.8	1776.2	1744.4	1737.8	1731.2	1714.0	1695.4	1675.6
7.5°	1865.0	1841.1	1827.9	1818.6	1792.1	1751.1	1733.8	1719.3	1691.5	1663.6	1638.5
10°	1904.7	1870.3	1854.4	1839.8	1805.4	1753.7	1725.9	1699.4	1663.6	1627.9	1596.1
12.5°	1936.5	1896.8	1876.9	1855.7	1813.3	1745.8	1711.3	1668.9	1633.2	1585.5	1553.7
15°	1989.5	1907.4	1888.8	1868.9	1825.2	1732.5	1690.1	1642.4	1593.4	1529.9	1495.4
17.5°	2031.9	1921.9	1920.6	1878.2	1821.3	1727.2	1662.3	1600.1	1547.1	1483.5	1429.2
20°	2057.0	1944.4	1923.3	1879.5	1808.0	1691.5	1623.9	1555.0	1498.1	1421.2	1366.9
22.5°	2078.2	1976.2	1920.6	1867.6	1780.2	1679.5	1580.2	1515.3	1437.1	1353.7	1302.0
25°	2086.2	1982.9	1924.6	1863.6	1760.3	1645.1	1532.5	1462.3	1374.9	1299.4	1229.2
27.5°	2087.5	1981.5	1910.0	1846.4	1732.5	1600.1	1484.8	1410.6	1314.0	1226.5	1156.3
30°	2074.3	1967.0	1902.1	1833.2	1706.0	1559.0	1426.5	1344.4	1241.1	1153.7	1080.8
32.5°	2034.5	1937.8	1884.8	1809.3	1671.6	1502.0	1370.9	1279.5	1170.9	1084.8	1014.6
35°	1968.3	1902.1	1843.8	1773.6	1626.6	1449.1	1315.3	1208.0	1098.1	1015.9	949.7
37.5°	1886.2	1850.4	1796.1	1727.2	1574.9	1401.4	1253.0	1133.8	1023.9	944.4	879.5
40°	1774.9	1784.2	1731.2	1668.9	1514.0	1336.5	1172.2	1058.3	955.0	880.8	817.2
42.5°	1654.4	1692.8	1662.3	1602.7	1446.4	1264.9	1112.6	986.8	886.1	809.3	756.3
45°	1524.6	1590.8	1572.2	1528.5	1376.2	1189.4	1027.9	906.0	817.2	743.1	696.7
47.5°	1382.8	1476.9	1476.9	1445.1	1298.1	1113.9	955.0	830.5	743.1	690.1	645.1
50°	1238.5	1344.4	1361.6	1340.4	1210.6	1027.9	866.3	753.7	678.2	626.5	593.4
52.5°	1087.5	1210.6	1242.4	1231.8	1117.9	945.7	793.4	683.5	614.6	569.6	540.4
55°	943.1	1086.1	1120.6	1124.5	1018.6	855.7	712.6	615.9	549.7	519.2	494.1
57.5°	806.7	944.4	982.8	989.4	917.9	773.5	637.1	552.3	492.7	467.6	447.7
60°	690.1	805.3	855.7	870.2	808.0	678.2	566.9	484.8	439.8	415.9	397.4
62.5°	594.7	687.4	740.4	744.4	716.6	594.7	494.1	425.2	386.8	365.6	356.3
65°	502.0	585.5	617.2	633.1	610.6	515.3	426.5	369.6	339.1	320.5	311.3
67.5°	427.8	480.8	507.3	528.5	506.0	434.5	362.9	316.6	294.1	275.5	270.2
70°	351.0	394.7	414.6	435.8	415.9	361.6	309.9	267.6	247.7	233.1	226.5
72.5°	280.8	315.2	333.8	347.0	335.1	290.1	247.7	218.6	204.0	193.4	189.4
75°	222.5	246.4	257.0	266.2	260.9	226.5	200.0	176.2	162.9	153.6	151.0
77.5°	169.5	186.8	198.7	201.3	194.7	172.2	149.7	135.1	124.5	119.2	116.6
80°	120.5	131.1	137.8	141.7	135.1	125.8	109.9	99.3	90.1	83.4	82.1
82.5°	80.8	86.1	91.4	90.1	87.4	79.5	70.2	64.9	60.9	55.6	55.6
85°	46.4	47.7	50.3	51.7	50.3	45.0	39.7	37.1	34.4	30.5	30.5
87.5°	19.9	21.2	21.2	22.5	19.9	19.9	17.2	14.6	14.6	13.2	11.9
90°	7.1	5.4	4.8	4.3	3.6	2.9	1.4	0.4	1.4	2.9	3.6
92.5°	28.6	18.9	17.0	15.0	12.1	10.4	7.5	5.4	7.5	10.4	12.1
95°	51.4	35.0	30.7	26.4	20.7	17.5	13.9	12.5	13.9	17.5	20.7
97.5°	66.4	45.3	40.5	35.7	29.3	24.6	20.7	18.6	20.7	24.6	29.3
100°	73.5	54.6	49.6	44.6	37.5	31.8	28.6	27.5	28.6	31.8	37.5
102.5°	80.0	62.8	57.8	52.8	45.3	39.6	36.4	35.7	36.4	39.6	45.3
105°	87.5	70.7	65.7	60.7	52.8	47.5	45.0	43.6	45.0	47.5	52.8
107.5°	95.0	78.5	73.5	68.5	60.7	55.7	53.2	52.1	53.2	55.7	60.7
110°	102.5	86.8	81.6	76.4	68.9	64.3	62.1	60.7	62.1	64.3	68.9



TEST NUMBER: P999064

CATALOG NUMBER: SA2XXDIP-B865D330UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	109.6	94.6	89.2	83.9	76.8	72.5	70.0	68.5	70.0	72.5	76.8
115°	117.1	101.7	96.9	92.1	85.0	80.7	78.5	76.8	78.5	80.7	85.0
117.5°	123.9	109.6	104.6	99.6	92.8	88.9	86.8	85.3	86.8	88.9	92.8
120°	131.0	117.1	112.1	107.1	100.0	96.7	94.6	93.2	94.6	96.7	100.0
122.5°	137.8	125.0	119.8	114.6	107.5	103.9	101.7	100.7	101.7	103.9	107.5
125°	144.6	131.7	126.7	121.7	114.6	110.3	108.2	107.1	108.2	110.3	114.6
127.5°	151.0	138.5	133.4	128.2	121.4	116.7	113.9	112.5	113.9	116.7	121.4
130°	156.7	144.2	139.2	134.2	127.1	122.1	118.5	117.1	118.5	122.1	127.1
132.5°	161.7	149.9	144.9	139.9	132.4	127.1	123.2	121.4	123.2	127.1	132.4
135°	166.4	154.9	149.9	144.9	136.7	131.4	127.1	125.7	127.1	131.4	136.7
137.5°	170.3	158.9	154.2	149.6	141.4	135.7	131.4	129.6	131.4	135.7	141.4
140°	173.5	162.8	158.2	153.5	145.7	139.9	135.7	134.2	135.7	139.9	145.7
142.5°	176.0	165.6	161.4	157.1	149.6	143.9	139.9	138.9	139.9	143.9	149.6
145°	178.5	168.9	165.0	161.0	153.9	148.5	144.9	143.5	144.9	148.5	153.9
147.5°	180.6	171.4	167.8	164.2	158.2	153.2	149.6	148.5	149.6	153.2	158.2
150°	182.1	173.9	170.6	167.4	162.1	157.4	154.6	153.5	154.6	157.4	162.1
152.5°	183.5	176.4	173.5	170.6	165.6	161.7	158.9	158.5	158.9	161.7	165.6
155°	184.9	178.9	176.2	173.5	169.6	165.6	163.5	163.1	163.5	165.6	169.6
157.5°	186.0	180.6	178.3	176.0	172.8	169.2	167.4	167.1	167.4	169.2	172.8
160°	186.7	182.4	180.4	178.5	175.6	172.8	171.4	171.0	171.4	172.8	175.6
162.5°	187.1	183.5	182.0	180.6	178.1	176.0	174.6	174.9	174.6	176.0	178.1
165°	187.4	184.2	183.1	182.1	180.3	178.1	177.4	177.8	177.4	178.1	180.3
167.5°	187.4	184.9	184.2	183.5	182.1	180.6	179.9	180.3	179.9	180.6	182.1
170°	187.1	185.3	184.8	184.2	183.5	182.4	182.1	182.8	182.1	182.4	183.5
172.5°	186.7	185.6	185.2	184.9	184.6	183.5	183.9	184.2	183.9	183.5	184.6
175°	186.4	185.6	185.4	185.3	185.3	184.6	184.9	185.3	184.9	184.6	185.3
177.5°	186.0	185.6	185.6	185.6	185.6	184.9	185.3	186.0	185.3	184.9	185.6
180°	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6

TEST NUMBER: P999064

CATALOG NUMBER: SA2XXDIP-B865D330UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2
2.5°	1704.7	1711.3	1710.0	1696.8	1682.2	1670.3	1647.7	1650.4	1642.4	1643.8	1651.7
5°	1662.3	1662.3	1657.0	1638.5	1614.6	1601.4	1576.2	1569.6	1553.7	1552.4	1551.1
7.5°	1617.3	1610.7	1604.0	1577.5	1548.4	1527.2	1492.8	1484.8	1468.9	1458.3	1453.0
10°	1564.3	1555.0	1541.8	1511.3	1475.6	1449.1	1413.3	1402.7	1372.2	1359.0	1351.0
12.5°	1506.0	1500.7	1479.5	1454.4	1396.1	1366.9	1315.3	1325.9	1295.4	1268.9	1264.9
15°	1447.7	1427.9	1415.9	1374.9	1304.7	1291.4	1250.4	1229.2	1201.4	1180.2	1180.2
17.5°	1390.8	1360.3	1333.8	1290.1	1238.5	1201.4	1170.9	1160.3	1125.9	1104.7	1100.7
20°	1315.3	1280.8	1274.2	1212.0	1176.2	1135.1	1106.0	1079.5	1054.3	1045.1	1038.4
22.5°	1243.8	1204.0	1193.4	1140.4	1104.7	1063.6	1034.5	1015.9	997.4	990.8	978.8
25°	1166.9	1143.1	1127.2	1070.2	1030.5	992.1	972.2	959.0	941.8	940.4	932.5
27.5°	1092.8	1070.2	1054.3	1000.0	970.9	935.1	919.2	904.7	895.4	891.4	887.5
30°	1029.2	1004.0	985.5	945.7	910.0	880.8	867.6	858.3	853.0	846.4	845.1
32.5°	959.0	944.4	919.2	888.8	861.0	833.1	825.2	818.6	810.6	808.0	806.7
35°	899.4	879.5	863.6	829.2	817.2	793.4	784.1	778.8	768.2	765.6	762.9
37.5°	841.1	822.5	805.3	784.1	761.6	748.4	743.1	735.1	729.8	731.2	728.5
40°	782.8	768.2	755.0	732.5	719.2	712.6	702.0	694.1	691.4	692.7	691.4
42.5°	725.9	712.6	704.7	687.4	674.2	667.6	661.0	653.0	657.0	657.0	661.0
45°	674.2	662.3	657.0	643.7	635.8	625.2	618.6	617.2	622.5	621.2	621.2
47.5°	621.2	617.2	610.6	598.7	588.1	581.5	580.2	580.2	585.5	588.1	586.8
50°	580.2	572.2	564.3	555.0	547.0	544.4	540.4	543.1	548.4	548.4	551.0
52.5°	528.5	523.2	520.5	512.6	507.3	507.3	507.3	508.6	512.6	516.6	515.3
55°	483.5	479.5	476.8	472.9	466.2	467.6	466.2	468.9	472.9	476.8	479.5
57.5°	435.8	434.5	431.8	425.2	425.2	423.9	427.8	429.2	435.8	438.4	442.4
60°	393.4	389.4	389.4	384.1	384.1	384.1	388.1	392.1	397.4	398.7	401.3
62.5°	348.4	348.4	347.0	343.1	343.1	347.0	348.4	353.7	356.3	356.3	360.3
65°	306.0	304.6	303.3	304.6	306.0	306.0	309.9	312.6	315.2	316.6	317.9
67.5°	263.6	262.3	264.9	263.6	266.2	271.5	270.2	274.2	278.2	278.2	279.5
70°	223.8	226.5	225.2	227.8	226.5	229.1	233.1	234.4	234.4	235.8	239.7
72.5°	186.8	186.8	186.8	185.4	186.8	189.4	192.1	193.4	196.0	197.4	201.3
75°	151.0	151.0	148.3	151.0	151.0	153.6	156.3	156.3	156.3	158.9	162.9
77.5°	113.9	115.2	113.9	116.6	116.6	117.9	120.5	119.2	121.9	123.2	124.5
80°	83.4	82.1	82.1	82.1	83.4	83.4	86.1	87.4	87.4	91.4	88.7
82.5°	53.0	54.3	53.0	54.3	54.3	55.6	54.3	55.6	57.0	59.6	58.3
85°	30.5	29.1	29.1	30.5	29.1	29.1	30.5	29.1	30.5	29.1	30.5
87.5°	11.9	10.6	10.6	10.6	10.6	9.3	9.3	7.9	7.9	7.9	6.6
90°	4.3	4.8	5.4	7.1	9.6	11.8	12.1	11.8	11.4	10.7	11.4
92.5°	15.0	17.0	18.9	28.6	42.1	54.3	55.0	46.1	36.1	30.7	26.8
95°	26.4	30.7	35.0	51.4	82.5	123.9	139.9	122.5	93.5	71.8	56.8
97.5°	35.7	40.5	45.3	66.4	109.6	176.4	228.1	229.9	191.4	152.8	116.7
100°	44.6	49.6	54.6	73.5	117.1	194.2	282.0	333.4	325.9	281.7	232.8
102.5°	52.8	57.8	62.8	80.0	117.5	187.4	283.8	372.0	414.1	412.7	380.2
105°	60.7	65.7	70.7	87.5	119.2	178.1	264.5	359.5	433.8	474.1	478.7
107.5°	68.5	73.5	78.5	95.0	123.2	173.1	246.7	333.1	412.7	472.7	507.7
110°	76.4	81.6	86.8	102.5	128.2	171.7	234.5	308.4	383.8	447.7	493.4

TEST NUMBER: P999064

CATALOG NUMBER: SA2XXDIP-B865D330UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	83.9	89.2	94.6	109.6	133.5	172.1	226.7	291.3	357.4	418.0	467.7
115°	92.1	96.9	101.7	117.1	138.9	173.5	221.3	277.7	336.7	391.6	438.4
117.5°	99.6	104.6	109.6	123.9	144.6	175.6	218.5	268.5	319.5	368.8	412.3
120°	107.1	112.1	117.1	131.0	150.3	177.8	216.0	261.3	307.4	351.6	389.5
122.5°	114.6	119.8	125.0	137.8	155.3	180.3	214.6	255.3	297.7	337.4	372.7
125°	121.7	126.7	131.7	144.6	160.7	182.8	212.8	249.5	288.5	325.2	356.6
127.5°	128.2	133.4	138.5	151.0	165.6	185.3	211.7	244.2	279.2	313.1	343.1
130°	134.2	139.2	144.2	156.7	170.3	188.1	211.0	238.8	270.3	301.0	329.2
132.5°	139.9	144.9	149.9	161.7	174.9	191.0	210.6	234.5	261.7	289.5	314.9
135°	144.9	149.9	154.9	166.4	178.9	193.1	210.3	230.6	253.8	277.4	301.0
137.5°	149.6	154.2	158.9	170.3	182.1	195.3	210.3	227.8	247.4	267.8	287.0
140°	153.5	158.2	162.8	173.5	184.6	196.7	209.9	225.3	241.3	258.5	274.9
142.5°	157.1	161.4	165.6	176.0	186.7	197.8	209.9	222.8	236.3	250.3	263.8
145°	161.0	165.0	168.9	178.5	188.5	198.5	209.2	220.6	231.7	243.5	254.5
147.5°	164.2	167.8	171.4	180.6	189.6	198.8	208.1	218.5	228.1	237.8	246.7
150°	167.4	170.6	173.9	182.1	190.3	198.5	207.1	215.6	224.2	232.1	239.5
152.5°	170.6	173.5	176.4	183.5	190.6	197.8	205.3	213.1	220.3	227.4	233.5
155°	173.5	176.2	178.9	184.9	191.0	197.1	203.1	209.9	216.7	222.4	227.8
157.5°	176.0	178.3	180.6	186.0	191.0	195.6	201.0	207.1	212.4	217.4	222.1
160°	178.5	180.4	182.4	186.7	191.0	194.6	198.8	203.8	208.5	212.4	216.3
162.5°	180.6	182.0	183.5	187.1	190.6	193.5	197.1	201.0	204.6	207.8	211.0
165°	182.1	183.1	184.2	187.4	189.9	192.1	194.6	197.8	200.6	203.1	205.6
167.5°	183.5	184.2	184.9	187.4	189.6	190.6	192.4	194.6	196.7	198.8	200.6
170°	184.2	184.8	185.3	187.1	188.9	189.6	190.6	192.1	193.9	194.9	196.4
172.5°	184.9	185.2	185.6	186.7	187.8	188.1	188.5	189.6	190.6	191.4	192.4
175°	185.3	185.4	185.6	186.4	187.1	186.7	187.1	187.4	188.5	188.9	189.2
177.5°	185.6	185.6	185.6	186.0	186.7	186.0	185.6	186.0	186.7	186.7	187.1
180°	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6

TEST NUMBER: P999064

CATALOG NUMBER: SA2XXDIP-B865D330UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2
2.5°	1642.4	1646.4	1637.1	1634.5	1637.1	1627.9	1630.5	1633.2	1633.2	1637.1	1639.8
5°	1547.1	1541.8	1532.5	1529.9	1527.2	1531.2	1528.5	1532.5	1533.8	1543.1	1544.4
7.5°	1453.0	1445.1	1437.1	1429.2	1426.5	1419.9	1426.5	1426.5	1435.8	1433.2	1439.8
10°	1341.8	1340.4	1329.9	1325.9	1320.6	1310.0	1324.6	1320.6	1327.2	1339.1	1341.8
12.5°	1259.6	1245.1	1251.7	1233.2	1239.8	1229.2	1230.5	1230.5	1241.1	1242.4	1239.8
15°	1181.5	1169.6	1152.4	1144.4	1140.4	1135.1	1152.4	1153.7	1145.7	1164.3	1157.7
17.5°	1102.0	1102.0	1086.1	1082.2	1071.6	1076.9	1074.2	1075.5	1072.9	1086.1	1092.8
20°	1033.2	1026.5	1021.2	1022.6	1009.3	1006.7	1004.0	1006.7	1015.9	1025.2	1027.9
22.5°	977.5	973.5	960.3	963.0	952.4	956.3	953.7	960.3	961.6	961.6	970.9
25°	924.5	919.2	920.6	915.3	911.3	911.3	907.3	911.3	916.6	919.2	920.6
27.5°	884.8	880.8	874.2	870.2	872.9	866.3	871.6	875.5	875.5	872.9	875.5
30°	837.1	839.8	839.8	826.5	831.8	829.2	833.1	835.8	835.8	837.1	834.5
32.5°	805.3	797.4	796.1	794.7	794.7	789.4	789.4	793.4	794.7	796.1	800.0
35°	762.9	762.9	756.3	760.3	755.0	756.3	755.0	756.3	759.0	755.0	759.0
37.5°	724.5	725.9	723.2	725.9	727.2	724.5	721.9	727.2	724.5	724.5	721.9
40°	691.4	690.1	691.4	691.4	691.4	692.7	690.1	690.1	690.1	687.4	684.8
42.5°	663.6	655.7	658.3	659.6	655.7	655.7	657.0	655.7	659.6	651.7	651.7
45°	623.9	621.2	622.5	622.5	625.2	621.2	623.9	625.2	621.2	619.9	617.2
47.5°	588.1	590.8	588.1	590.8	590.8	593.4	588.1	589.4	590.8	585.5	581.5
50°	552.3	552.3	556.3	555.0	556.3	553.7	553.7	552.3	553.7	551.0	547.0
52.5°	519.2	515.3	521.9	520.5	519.2	517.9	516.6	517.9	515.3	512.6	512.6
55°	478.2	478.2	482.1	483.5	483.5	480.8	478.2	479.5	478.2	476.8	475.5
57.5°	445.0	439.8	442.4	443.7	443.7	439.8	442.4	439.8	439.8	441.1	437.1
60°	402.7	402.7	400.0	404.0	404.0	401.3	401.3	402.7	400.0	398.7	397.4
62.5°	357.6	359.0	362.9	364.3	365.6	362.9	360.3	361.6	361.6	357.6	359.0
65°	319.2	321.9	327.2	325.8	323.2	324.5	321.9	323.2	319.2	320.5	316.6
67.5°	282.1	280.8	282.1	282.1	284.8	283.5	280.8	280.8	279.5	283.5	279.5
70°	242.4	242.4	242.4	242.4	243.7	245.0	242.4	239.7	241.1	238.4	237.1
72.5°	201.3	202.7	201.3	204.0	200.0	202.7	202.7	201.3	200.0	200.0	200.0
75°	162.9	165.6	161.6	162.9	161.6	164.2	162.9	162.9	160.3	158.9	160.3
77.5°	124.5	125.8	123.2	124.5	123.2	124.5	124.5	123.2	123.2	123.2	123.2
80°	88.7	90.1	88.7	87.4	86.1	88.7	86.1	87.4	88.7	87.4	90.1
82.5°	57.0	57.0	55.6	57.0	54.3	54.3	55.6	55.6	54.3	57.0	54.3
85°	27.8	27.8	30.5	27.8	26.5	26.5	26.5	27.8	26.5	29.1	27.8
87.5°	6.6	5.3	6.6	6.6	5.3	5.3	6.6	5.3	6.6	7.9	5.3
90°	11.6	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.6
92.5°	25.4	23.9	23.6	22.1	22.5	21.8	22.5	22.1	23.6	23.9	25.4
95°	52.8	48.9	44.3	41.4	40.3	40.7	40.3	41.4	44.3	48.9	52.8
97.5°	106.0	95.3	81.4	74.3	70.3	68.2	70.3	74.3	81.4	95.3	106.0
100°	211.2	189.6	159.9	144.6	134.2	127.8	134.2	144.6	159.9	189.6	211.2
102.5°	357.0	333.8	301.0	272.0	258.5	249.2	258.5	272.0	301.0	333.8	357.0
105°	472.8	467.0	444.8	422.7	407.3	402.3	407.3	422.7	444.8	467.0	472.8
107.5°	514.8	521.9	521.6	518.4	513.7	505.5	513.7	518.4	521.6	521.9	514.8
110°	508.0	522.7	538.0	544.8	548.0	547.6	548.0	544.8	538.0	522.7	508.0

TEST NUMBER: P999064

CATALOG NUMBER: SA2XXDIP-B865D330UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	485.0	502.3	525.1	537.6	544.4	546.9	544.4	537.6	525.1	502.3	485.0
115°	456.8	475.2	500.5	516.9	526.2	529.4	526.2	516.9	500.5	475.2	456.8
117.5°	429.8	447.3	473.4	490.9	500.5	503.0	500.5	490.9	473.4	447.3	429.8
120°	405.8	422.0	447.0	463.7	474.1	477.7	474.1	463.7	447.0	422.0	405.8
122.5°	387.0	401.3	423.0	439.5	448.4	451.2	448.4	439.5	423.0	401.3	387.0
125°	370.0	383.4	404.1	417.7	426.6	429.5	426.6	417.7	404.1	383.4	370.0
127.5°	355.6	368.1	386.3	399.1	407.0	409.1	407.0	399.1	386.3	368.1	355.6
130°	341.0	352.7	370.2	382.3	389.5	392.3	389.5	382.3	370.2	352.7	341.0
132.5°	325.8	336.7	353.8	365.9	372.4	374.9	372.4	365.9	353.8	336.7	325.8
135°	311.0	320.9	336.3	348.1	354.5	355.9	354.5	348.1	336.3	320.9	311.0
137.5°	296.0	304.9	319.5	329.9	335.6	337.7	335.6	329.9	319.5	304.9	296.0
140°	282.8	290.6	302.0	311.3	316.7	318.8	316.7	311.3	302.0	290.6	282.8
142.5°	270.0	276.3	287.0	295.2	299.9	299.9	299.9	295.2	287.0	276.3	270.0
145°	259.7	264.9	273.5	279.5	283.1	284.2	283.1	279.5	273.5	264.9	259.7
147.5°	250.6	254.5	262.0	267.0	269.5	270.3	269.5	267.0	262.0	254.5	250.6
150°	242.8	246.0	251.3	255.6	257.8	258.1	257.8	255.6	251.3	246.0	242.8
152.5°	236.2	238.8	242.8	246.3	247.8	247.8	247.8	246.3	242.8	238.8	236.2
155°	229.8	231.7	235.6	238.1	239.5	238.8	239.5	238.1	235.6	231.7	229.8
157.5°	223.7	225.3	228.1	230.3	231.0	231.0	231.0	230.3	228.1	225.3	223.7
160°	217.6	218.8	221.3	223.1	223.5	223.5	223.5	223.1	221.3	218.8	217.6
162.5°	211.9	212.8	215.3	216.3	216.7	216.3	216.7	216.3	215.3	212.8	211.9
165°	206.4	207.1	208.5	209.9	209.9	209.6	209.9	209.9	208.5	207.1	206.4
167.5°	201.4	202.1	202.8	203.5	203.5	203.1	203.5	203.5	202.8	202.1	201.4
170°	196.8	197.1	197.4	198.5	198.1	197.4	198.1	198.5	197.4	197.1	196.8
172.5°	192.6	192.8	193.1	193.5	193.1	192.8	193.1	193.5	193.1	192.8	192.6
175°	189.4	189.6	189.6	189.9	189.6	188.9	189.6	189.9	189.6	189.6	189.4
177.5°	187.1	187.1	187.1	187.1	186.7	186.0	186.7	187.1	187.1	187.1	187.1
180°	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6

TEST NUMBER: P999064

CATALOG NUMBER: SA2XXDIP-B865D330UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2
2.5°	1635.8	1646.4	1642.4	1627.9	1645.1	1645.1	1657.0	1657.0	1671.6	1676.9	1684.8
5°	1543.1	1551.1	1557.7	1551.1	1563.0	1581.5	1592.1	1601.4	1621.3	1629.2	1641.1
7.5°	1443.8	1458.3	1465.0	1465.0	1484.8	1506.0	1527.2	1540.5	1568.3	1578.9	1590.8
10°	1347.1	1364.3	1377.5	1376.2	1409.3	1422.6	1449.1	1479.5	1507.3	1523.2	1540.5
12.5°	1245.1	1254.4	1272.9	1299.4	1307.3	1331.2	1361.6	1400.1	1450.4	1465.0	1490.1
15°	1160.3	1185.5	1200.0	1212.0	1230.5	1253.0	1286.1	1323.2	1373.6	1405.4	1431.8
17.5°	1088.8	1121.9	1131.2	1128.5	1152.4	1186.8	1225.2	1253.0	1298.1	1336.5	1361.6
20°	1030.5	1043.7	1059.6	1066.3	1084.8	1121.9	1159.0	1190.8	1227.9	1258.3	1287.5
22.5°	972.2	982.8	996.1	1008.0	1022.6	1043.7	1079.5	1119.2	1155.0	1184.2	1217.3
25°	924.5	931.2	943.1	952.4	968.2	982.8	1008.0	1051.7	1094.1	1111.3	1140.4
27.5°	878.2	883.5	891.4	902.0	910.0	924.5	947.1	982.8	1026.5	1043.7	1083.5
30°	837.1	841.1	849.0	854.3	858.3	875.5	892.7	920.6	953.7	977.5	1006.7
32.5°	798.7	802.7	810.6	812.0	817.2	826.5	842.4	867.6	896.7	916.6	941.8
35°	756.3	759.0	766.9	769.6	773.5	781.5	793.4	812.0	838.4	853.0	875.5
37.5°	723.2	721.9	727.2	731.2	736.5	740.4	744.4	762.9	782.8	796.1	813.3
40°	687.4	684.8	686.1	691.4	694.1	699.4	699.4	717.9	731.2	741.7	755.0
42.5°	651.7	650.4	647.7	650.4	653.0	654.3	655.7	668.9	682.1	691.4	706.0
45°	615.9	614.6	611.9	613.3	613.3	615.9	619.9	625.2	634.5	642.4	650.4
47.5°	582.8	580.2	576.2	574.9	577.5	577.5	577.5	582.8	592.1	594.7	602.7
50°	548.4	544.4	539.1	536.4	536.4	535.1	537.8	539.1	547.0	549.7	556.3
52.5°	511.3	508.6	503.3	498.0	499.4	496.7	498.0	499.4	502.0	506.0	510.0
55°	474.2	468.9	464.9	463.6	459.6	459.6	455.6	460.9	459.6	460.9	466.2
57.5°	438.4	433.1	426.5	423.9	419.9	418.6	415.9	414.6	415.9	419.9	423.9
60°	396.0	393.4	389.4	385.4	382.8	378.8	376.2	376.2	374.8	374.8	376.2
62.5°	355.0	353.7	348.4	347.0	344.4	341.7	337.8	335.1	335.1	337.8	339.1
65°	315.2	313.9	309.9	308.6	302.0	299.3	298.0	296.7	294.1	294.1	294.1
67.5°	278.2	274.2	274.2	267.6	262.3	259.6	257.0	255.6	255.6	255.6	257.0
70°	237.1	237.1	233.1	229.1	223.8	225.2	221.2	217.2	217.2	214.6	215.9
72.5°	197.4	196.0	192.1	190.7	186.8	182.8	180.1	182.8	178.8	177.5	178.8
75°	158.9	157.6	155.0	152.3	153.6	149.7	145.7	144.4	144.4	141.7	141.7
77.5°	121.9	124.5	119.2	117.9	115.2	112.6	111.3	109.9	109.9	109.9	112.6
80°	84.8	86.1	86.1	83.4	84.8	80.8	80.8	80.8	76.8	78.1	79.5
82.5°	54.3	54.3	53.0	54.3	53.0	53.0	51.7	51.7	50.3	50.3	51.7
85°	30.5	29.1	27.8	30.5	29.1	29.1	27.8	27.8	27.8	27.8	27.8
87.5°	6.6	7.9	7.9	7.9	7.9	9.3	9.3	9.3	10.6	10.6	10.6
90°	11.4	10.7	11.4	11.8	12.1	11.8	9.6	7.1	5.4	4.8	4.3
92.5°	26.8	30.7	36.1	46.1	55.0	54.3	42.1	28.6	18.9	17.0	15.0
95°	56.8	71.8	93.5	122.5	139.9	123.9	82.5	51.4	35.0	30.7	26.4
97.5°	116.7	152.8	191.4	229.9	228.1	176.4	109.6	66.4	45.3	40.5	35.7
100°	232.8	281.7	325.9	333.4	282.0	194.2	117.1	73.5	54.6	49.6	44.6
102.5°	380.2	412.7	414.1	372.0	283.8	187.4	117.5	80.0	62.8	57.8	52.8
105°	478.7	474.1	433.8	359.5	264.5	178.1	119.2	87.5	70.7	65.7	60.7
107.5°	507.7	472.7	412.7	333.1	246.7	173.1	123.2	95.0	78.5	73.5	68.5
110°	493.4	447.7	383.8	308.4	234.5	171.7	128.2	102.5	86.8	81.6	76.4

TEST NUMBER: P999064

CATALOG NUMBER: SA2XXDIP-B865D330UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	467.7	418.0	357.4	291.3	226.7	172.1	133.5	109.6	94.6	89.2	83.9
115°	438.4	391.6	336.7	277.7	221.3	173.5	138.9	117.1	101.7	96.9	92.1
117.5°	412.3	368.8	319.5	268.5	218.5	175.6	144.6	123.9	109.6	104.6	99.6
120°	389.5	351.6	307.4	261.3	216.0	177.8	150.3	131.0	117.1	112.1	107.1
122.5°	372.7	337.4	297.7	255.3	214.6	180.3	155.3	137.8	125.0	119.8	114.6
125°	356.6	325.2	288.5	249.5	212.8	182.8	160.7	144.6	131.7	126.7	121.7
127.5°	343.1	313.1	279.2	244.2	211.7	185.3	165.6	151.0	138.5	133.4	128.2
130°	329.2	301.0	270.3	238.8	211.0	188.1	170.3	156.7	144.2	139.2	134.2
132.5°	314.9	289.5	261.7	234.5	210.6	191.0	174.9	161.7	149.9	144.9	139.9
135°	301.0	277.4	253.8	230.6	210.3	193.1	178.9	166.4	154.9	149.9	144.9
137.5°	287.0	267.8	247.4	227.8	210.3	195.3	182.1	170.3	158.9	154.2	149.6
140°	274.9	258.5	241.3	225.3	209.9	196.7	184.6	173.5	162.8	158.2	153.5
142.5°	263.8	250.3	236.3	222.8	209.9	197.8	186.7	176.0	165.6	161.4	157.1
145°	254.5	243.5	231.7	220.6	209.2	198.5	188.5	178.5	168.9	165.0	161.0
147.5°	246.7	237.8	228.1	218.5	208.1	198.8	189.6	180.6	171.4	167.8	164.2
150°	239.5	232.1	224.2	215.6	207.1	198.5	190.3	182.1	173.9	170.6	167.4
152.5°	233.5	227.4	220.3	213.1	205.3	197.8	190.6	183.5	176.4	173.5	170.6
155°	227.8	222.4	216.7	209.9	203.1	197.1	191.0	184.9	178.9	176.2	173.5
157.5°	222.1	217.4	212.4	207.1	201.0	195.6	191.0	186.0	180.6	178.3	176.0
160°	216.3	212.4	208.5	203.8	198.8	194.6	191.0	186.7	182.4	180.4	178.5
162.5°	211.0	207.8	204.6	201.0	197.1	193.5	190.6	187.1	183.5	182.0	180.6
165°	205.6	203.1	200.6	197.8	194.6	192.1	189.9	187.4	184.2	183.1	182.1
167.5°	200.6	198.8	196.7	194.6	192.4	190.6	189.6	187.4	184.9	184.2	183.5
170°	196.4	194.9	193.9	192.1	190.6	189.6	188.9	187.1	185.3	184.8	184.2
172.5°	192.4	191.4	190.6	189.6	188.5	188.1	187.8	186.7	185.6	185.2	184.9
175°	189.2	188.9	188.5	187.4	187.1	186.7	187.1	186.4	185.6	185.4	185.3
177.5°	187.1	186.7	186.7	186.0	185.6	186.0	186.7	186.0	185.6	185.6	185.6
180°	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6	185.6

TEST NUMBER: P999064

CATALOG NUMBER: SA2XXDIP-B865D330UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1723.2	1723.2	1723.2	1723.2
2.5°	1691.5	1691.5	1711.3	1732.5
5°	1654.4	1663.6	1695.4	1724.6
7.5°	1618.6	1634.5	1674.2	1711.3
10°	1574.9	1596.1	1645.1	1688.8
12.5°	1532.5	1552.4	1609.3	1658.3
15°	1472.9	1498.1	1559.0	1619.9
17.5°	1413.3	1438.5	1512.6	1584.2
20°	1343.1	1376.2	1459.7	1555.0
22.5°	1278.2	1319.3	1412.0	1488.8
25°	1206.7	1270.2	1356.3	1455.7
27.5°	1143.1	1206.7	1294.1	1394.8
30°	1071.6	1136.5	1226.5	1319.3
32.5°	1002.7	1062.3	1149.7	1263.6
35°	931.2	988.1	1072.9	1188.1
37.5°	866.3	921.9	1014.6	1120.6
40°	802.7	861.0	940.4	1046.4
42.5°	743.1	794.7	866.3	972.2
45°	688.8	725.9	792.1	891.4
47.5°	631.8	664.9	725.9	825.2
50°	578.8	606.6	659.6	752.3
52.5°	527.2	551.0	600.0	674.2
55°	480.8	503.3	539.1	611.9
57.5°	433.1	450.3	484.8	543.1
60°	386.8	402.7	430.5	478.2
62.5°	340.4	353.7	380.1	418.6
65°	299.3	309.9	329.8	362.9
67.5°	259.6	266.2	282.1	308.6
70°	221.2	226.5	239.7	260.9
72.5°	180.1	185.4	200.0	214.6
75°	145.7	147.0	157.6	169.5
77.5°	113.9	112.6	120.5	129.8
80°	78.1	82.1	88.7	92.7
82.5°	53.0	54.3	57.0	59.6
85°	29.1	30.5	30.5	34.4
87.5°	11.9	13.2	13.2	14.6
90°	3.6	2.9	1.4	0.4
92.5°	12.1	10.4	7.5	5.4
95°	20.7	17.5	13.9	12.5
97.5°	29.3	24.6	20.7	18.6
100°	37.5	31.8	28.6	27.5
102.5°	45.3	39.6	36.4	35.7
105°	52.8	47.5	45.0	43.6
107.5°	60.7	55.7	53.2	52.1
110°	68.9	64.3	62.1	60.7



TEST NUMBER: P999064

CATALOG NUMBER: SA2XXDIP-B865D330UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	76.8	72.5	70.0	68.5
115°	85.0	80.7	78.5	76.8
117.5°	92.8	88.9	86.8	85.3
120°	100.0	96.7	94.6	93.2
122.5°	107.5	103.9	101.7	100.7
125°	114.6	110.3	108.2	107.1
127.5°	121.4	116.7	113.9	112.5
130°	127.1	122.1	118.5	117.1
132.5°	132.4	127.1	123.2	121.4
135°	136.7	131.4	127.1	125.7
137.5°	141.4	135.7	131.4	129.6
140°	145.7	139.9	135.7	134.2
142.5°	149.6	143.9	139.9	138.9
145°	153.9	148.5	144.9	143.5
147.5°	158.2	153.2	149.6	148.5
150°	162.1	157.4	154.6	153.5
152.5°	165.6	161.7	158.9	158.5
155°	169.6	165.6	163.5	163.1
157.5°	172.8	169.2	167.4	167.1
160°	175.6	172.8	171.4	171.0
162.5°	178.1	176.0	174.6	174.9
165°	180.3	178.1	177.4	177.8
167.5°	182.1	180.6	179.9	180.3
170°	183.5	182.4	182.1	182.8
172.5°	184.6	183.5	183.9	184.2
175°	185.3	184.6	184.9	185.3
177.5°	185.6	184.9	185.3	186.0
180°	185.6	185.6	185.6	185.6

TEST NUMBER: P999064

CATALOG NUMBER: SA2XXDIP-B865D330UB35-4F0-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	19.38	20.46	20.10	21.19	22.07	16.87	17.95	17.59	18.69	19.56
	3H	20.21	21.17	20.94	21.92	22.82	18.23	19.20	18.97	19.94	20.85
	4H	20.39	21.30	21.14	22.05	22.97	18.71	19.62	19.46	20.37	21.29
	6H	20.44	21.28	21.21	22.04	22.98	19.02	19.86	19.79	20.63	21.56
	8H	20.43	21.23	21.20	22.01	22.94	19.11	19.91	19.89	20.69	21.63
	12H	20.40	21.16	21.18	21.93	22.89	19.16	19.92	19.94	20.70	21.66
4H	2H	19.45	20.36	20.20	21.11	22.03	17.35	18.25	18.10	19.01	19.93
	3H	20.45	21.20	21.22	21.99	22.93	18.83	19.58	19.59	20.37	21.31
	4H	20.73	21.42	21.51	22.21	23.17	19.37	20.05	20.15	20.84	21.81
	6H	20.87	21.47	21.67	22.28	23.25	19.76	20.35	20.56	21.17	22.14
	8H	20.88	21.43	21.68	22.24	23.22	19.87	20.43	20.68	21.24	22.22
	12H	20.85	21.35	21.67	22.18	23.17	19.94	20.44	20.76	21.27	22.26
8H	4H	20.76	21.31	21.56	22.12	23.10	19.53	20.08	20.33	20.89	21.87
	6H	20.94	21.40	21.78	22.25	23.24	19.97	20.42	20.80	21.28	22.26
	8H	20.97	21.38	21.82	22.23	23.23	20.12	20.53	20.97	21.38	22.38
	12H	20.97	21.33	21.82	22.17	23.22	20.22	20.58	21.07	21.42	22.48
12H	4H	20.72	21.22	21.55	22.05	23.04	19.51	20.01	20.33	20.84	21.83
	6H	20.92	21.33	21.77	22.18	23.18	19.97	20.38	20.81	21.23	22.23
	8H	20.97	21.32	21.81	22.16	23.22	20.14	20.49	20.98	21.33	22.39