

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: P998404

Luminaire Tested: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P998404
REPORT IS A COMBINATION OF REPORTS P984144 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A4
Description: Define 2 Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

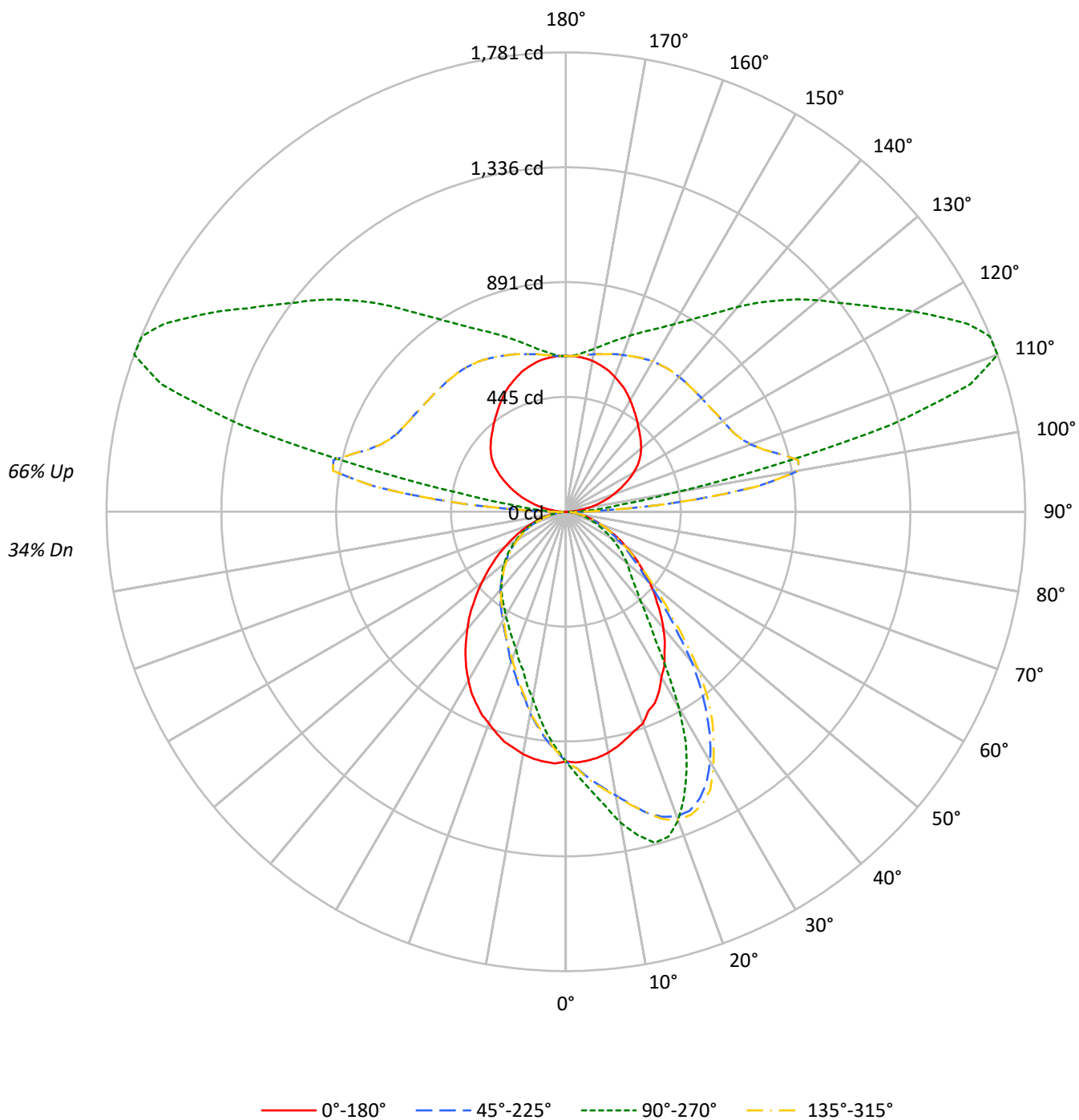
Lumens per Lamp: N/A
Luminaire Lumens: 6343.0 lumens
Efficiency: N/A
Efficacy: 107.5 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 59
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	103	103	103	103	93	93	93	93	74	74	74	57	57	57	41	41	41
1	94	90	87	83	85	82	79	76	65	63	61	51	49	48	37	36	35
2	86	79	73	69	78	72	67	63	58	54	51	45	43	41	33	31	30
3	79	70	63	57	71	63	57	53	51	47	44	40	37	35	29	28	26
4	72	62	54	49	65	56	50	45	46	41	37	36	32	30	26	24	23
5	66	55	48	42	60	50	44	39	41	36	32	32	29	26	24	22	20
6	61	50	42	36	55	45	38	34	37	32	28	29	26	23	22	20	18
7	57	45	37	32	51	41	34	30	33	29	25	27	23	20	20	18	16
8	52	41	33	28	47	37	31	26	31	26	22	24	21	18	18	16	14
9	49	37	30	25	44	34	28	23	28	23	20	22	19	16	17	15	13
10	46	34	27	22	41	31	25	21	26	21	18	21	17	15	16	14	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15318	15318	15318	15318
5°	15354	16332	15413	12993
10°	15176	17829	15272	10713
15°	14809	18805	15014	9023
20°	14577	17657	14577	7843
25°	14112	15170	14178	7013
30°	13348	11925	13604	6353
35°	12671	8246	12882	5813
40°	11892	6226	12028	5382
45°	10933	5116	11112	4916
50°	10103	4491	10120	4501
55°	9156	3826	9217	4049
60°	8148	3196	8260	3535
65°	7245	2599	7376	3018
70°	6344	2040	6505	2434
75°	5326	1481	5533	1765
80°	4160	938	4455	1047
85°	2726	473	2938	350

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 15834 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.2	1.5
10°-20°	268.3	4.2
20°-30°	389.3	6.1
30°-40°	410.4	6.5
40°-50°	363.2	5.7
50°-60°	290.0	4.6
60°-70°	197.0	3.1
70°-80°	100.8	1.6
80°-90°	27.7	0.4
90°-100°	235.3	3.7
100°-110°	828.8	13.1
110°-120°	870.4	13.7
120°-130°	716.1	11.3
130°-140°	575.3	9.1
140°-150°	434.5	6.9
150°-160°	305.5	4.8
160°-170°	179.8	2.8
170°-180°	58.5	0.9
0°-30°	749.8	11.8
0°-40°	1160.2	18.3
0°-60°	1813.4	28.6
0°-90°	2138.9	33.7
90°-120°	1934.5	30.5
90°-150°	3660.3	57.7
90°-180°	4204.0	66.3
0°-180°	6343.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	968	968	968	968	968	
5°	968	1081	972	860	968	92
15°	910	1328	922	637	910	257
25°	817	1107	821	512	817	374
35°	667	602	678	425	667	417
45°	501	363	509	349	501	388
55°	344	255	346	270	344	307
65°	204	157	208	182	204	203
75°	95	77	99	92	95	102
85°	19	20	21	15	19	23
90°	1	38	1	38	1	4
95°	41	132	41	132	41	42
105°	142	1308	142	1308	142	150
115°	250	1722	250	1722	250	248
125°	348	1397	348	1397	348	310
135°	409	1158	409	1158	409	316
145°	467	924	467	924	467	293
155°	531	777	531	777	531	244
165°	578	682	578	682	578	163
175°	602	614	602	614	602	57
180°	604	604	604	604	604	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7
2.5°	972.9	975.1	978.8	979.6	987.0	993.0	999.7	999.7	1001.9	1001.2	995.2
5°	968.4	975.1	984.8	993.0	1006.4	1012.3	1021.2	1027.9	1033.9	1038.3	1037.6
7.5°	961.0	972.9	987.0	1002.6	1020.5	1030.9	1043.5	1055.4	1063.6	1071.1	1076.3
10°	948.3	968.4	987.8	1008.6	1031.6	1045.8	1060.7	1076.3	1088.9	1103.1	1116.4
12.5°	931.2	960.2	984.0	1011.6	1039.8	1055.4	1079.3	1091.2	1115.7	1151.4	1161.1
15°	909.7	949.1	971.4	1006.4	1043.5	1056.2	1088.9	1108.3	1158.8	1181.2	1207.9
17.5°	889.6	933.5	963.2	1003.4	1039.8	1064.4	1096.4	1135.8	1178.2	1210.2	1239.9
20°	873.2	915.6	951.3	995.9	1042.1	1073.3	1106.8	1154.4	1200.5	1233.2	1256.3
22.5°	836.0	890.3	932.0	981.8	1037.6	1080.7	1112.7	1164.8	1214.6	1234.7	1254.8
25°	817.4	864.3	912.6	969.2	1034.6	1085.9	1113.5	1171.5	1215.4	1222.8	1227.3
27.5°	783.2	836.0	892.6	957.3	1033.9	1077.0	1112.0	1164.8	1199.7	1194.5	1181.2
30°	740.8	805.5	868.0	937.9	1023.5	1070.3	1103.1	1151.4	1169.3	1142.5	1118.7
32.5°	709.6	770.6	839.7	920.8	1011.6	1056.2	1088.2	1126.1	1129.8	1081.5	1041.3
35°	667.2	734.9	813.0	898.5	991.5	1031.6	1061.4	1084.5	1066.6	998.9	951.3
37.5°	629.3	696.2	779.5	866.5	964.0	1003.4	1027.2	1030.9	987.0	927.5	857.6
40°	587.6	656.8	743.8	835.3	933.5	967.7	982.6	971.4	908.2	839.0	757.9
42.5°	545.9	614.4	708.1	801.8	894.8	923.8	929.7	899.3	821.9	740.8	647.1
45°	500.6	572.0	665.7	760.2	850.2	866.5	867.3	823.4	731.9	647.1	560.1
47.5°	463.4	529.6	622.6	717.0	792.9	804.0	799.6	749.0	649.3	554.1	478.3
50°	422.5	485.7	577.9	670.9	735.6	738.6	727.4	655.3	557.8	470.8	410.6
52.5°	378.6	442.6	527.4	616.6	674.6	670.2	648.6	571.2	479.7	407.6	361.5
55°	343.6	400.2	479.7	566.8	607.7	595.0	571.2	492.4	420.2	359.3	319.1
57.5°	305.0	354.8	432.9	508.8	532.6	520.7	496.9	423.2	356.3	310.2	283.4
60°	268.5	313.9	382.3	445.5	464.1	451.5	424.0	357.8	309.4	270.7	250.7
62.5°	235.0	274.5	331.7	389.8	397.2	384.5	360.7	307.2	265.5	235.0	220.2
65°	203.8	241.0	287.1	331.0	337.7	324.3	299.8	261.1	226.1	206.8	192.6
67.5°	173.3	203.1	244.0	275.9	279.7	267.0	246.9	215.7	194.1	173.3	162.9
70°	146.5	168.8	200.8	226.9	228.3	216.4	206.0	177.8	161.4	146.5	138.3
72.5°	120.5	136.1	160.7	180.0	180.7	173.3	163.6	145.8	131.7	121.2	113.1
75°	95.2	108.6	123.5	140.6	139.8	133.9	126.4	115.3	103.4	96.7	93.0
77.5°	72.9	81.1	93.0	104.1	104.1	101.2	96.7	88.5	81.1	74.4	70.7
80°	52.1	57.3	66.9	70.7	72.1	71.4	67.7	61.7	58.8	53.6	52.1
82.5°	33.5	37.2	41.7	45.4	47.6	46.1	45.4	42.4	37.9	36.4	35.0
85°	19.3	20.8	23.1	25.3	26.0	25.3	26.8	24.5	22.3	22.3	21.6
87.5°	8.2	8.9	10.4	10.4	11.2	11.2	10.4	11.2	11.2	10.4	9.7
90°	1.2	4.6	9.3	11.6	13.9	15.6	17.4	23.2	31.3	38.3	39.5
92.5°	17.4	24.4	33.7	39.5	48.8	55.2	61.5	92.9	137.0	176.5	178.8
95°	40.6	45.3	56.9	67.3	85.9	99.8	113.8	167.2	268.2	402.8	455.1
97.5°	60.4	67.3	80.1	95.2	116.1	131.8	147.4	215.9	356.4	573.5	741.8
100°	89.4	92.9	103.3	121.9	145.1	161.4	177.6	239.2	380.8	631.6	917.1
102.5°	116.1	118.4	128.9	147.4	171.8	188.0	204.3	260.1	382.0	609.5	923.0
105°	141.6	146.3	154.4	171.8	197.4	213.6	229.9	284.4	387.8	579.3	860.3
107.5°	169.5	173.0	181.1	197.4	222.9	239.2	255.4	308.8	400.5	563.1	802.2
110°	197.4	202.0	209.0	224.1	248.4	265.2	282.1	333.2	416.8	558.4	762.7

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	222.9	227.5	235.7	249.6	272.8	290.2	307.7	356.4	434.2	559.6	737.2
115°	249.6	255.4	262.4	276.3	299.5	315.2	330.9	380.8	451.6	564.2	719.8
117.5°	277.5	282.1	289.1	301.8	323.9	340.2	356.4	402.8	470.2	571.2	710.5
120°	303.0	307.7	314.6	325.1	348.3	364.6	380.8	426.1	488.8	578.2	702.4
122.5°	327.4	330.9	337.8	349.4	372.7	389.5	406.3	448.1	505.0	586.3	697.7
125°	348.3	351.8	358.7	372.7	395.9	412.2	428.4	470.2	522.4	594.4	691.9
127.5°	365.7	370.3	379.6	394.7	416.8	433.6	450.4	491.1	538.7	602.5	688.4
130°	380.8	385.4	397.0	413.3	436.5	452.8	469.0	509.7	553.8	611.8	686.1
132.5°	394.7	400.5	413.3	430.7	455.1	471.4	487.6	525.9	568.9	621.1	685.0
135°	408.7	413.3	427.2	444.6	471.3	487.6	503.8	541.0	581.6	628.1	683.8
137.5°	421.4	427.2	441.2	459.7	486.4	501.5	516.6	553.8	592.1	635.0	683.8
140°	436.5	441.2	455.1	473.7	499.2	514.3	529.4	564.2	600.2	639.7	682.6
142.5°	451.6	455.1	467.9	486.4	510.8	524.8	538.7	572.3	607.2	643.2	682.6
145°	466.7	471.3	483.0	500.4	523.6	536.4	549.1	580.5	613.0	645.5	680.3
147.5°	483.0	486.4	498.0	514.3	534.0	545.6	557.3	587.4	616.5	646.6	676.8
150°	499.2	502.7	512.0	527.1	544.5	555.0	565.4	592.1	618.8	645.5	673.3
152.5°	515.5	516.6	525.9	538.7	554.9	564.2	573.5	596.7	619.9	643.2	667.5
155°	530.6	531.7	538.7	551.4	564.2	572.9	581.6	601.4	621.1	640.8	660.6
157.5°	543.3	544.5	550.3	561.9	572.3	579.8	587.4	604.9	621.1	636.2	653.6
160°	556.1	557.3	561.9	571.2	580.5	586.8	593.2	607.2	621.1	632.7	646.6
162.5°	568.9	567.7	572.3	579.3	587.4	592.0	596.7	608.3	619.9	629.2	640.8
165°	578.2	577.0	579.3	586.3	592.1	595.6	599.0	609.5	617.6	624.6	632.7
167.5°	586.3	585.1	587.4	592.1	596.7	599.0	601.4	609.5	616.5	619.9	625.7
170°	594.4	592.1	593.2	596.7	599.0	600.8	602.5	608.3	614.1	616.5	619.9
172.5°	599.0	597.9	596.7	600.2	601.4	602.6	603.7	607.2	610.7	611.8	613.0
175°	602.5	601.4	600.2	602.5	602.5	603.1	603.7	606.0	608.3	607.2	608.3
177.5°	604.9	602.5	601.4	603.7	603.7	603.7	603.7	604.9	607.2	604.9	603.7
180°	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7
2.5°	1005.6	1006.4	1007.8	1015.3	1019.0	1019.7	1016.8	1023.5	1025.7	1023.5	1022.0
5°	1053.2	1057.7	1066.6	1076.3	1075.5	1076.3	1080.7	1085.2	1086.7	1080.7	1083.0
7.5°	1094.9	1103.8	1113.5	1128.3	1128.3	1135.8	1138.8	1142.5	1151.4	1146.9	1145.4
10°	1142.5	1154.4	1172.2	1196.0	1196.8	1204.2	1211.6	1223.5	1227.3	1224.3	1225.8
12.5°	1202.0	1225.0	1226.5	1252.6	1264.5	1265.9	1277.8	1275.6	1283.1	1283.1	1295.7
15°	1228.0	1263.7	1283.8	1309.1	1316.5	1307.6	1317.3	1327.7	1328.4	1328.4	1327.7
17.5°	1274.9	1289.0	1309.1	1322.5	1325.4	1325.4	1326.2	1330.7	1327.7	1321.7	1326.2
20°	1284.5	1290.5	1297.9	1296.4	1297.9	1290.5	1283.1	1275.6	1276.4	1272.6	1283.8
22.5°	1266.7	1265.2	1248.1	1236.9	1236.9	1222.1	1207.9	1201.2	1194.5	1196.8	1200.5
25°	1222.1	1199.0	1178.2	1161.8	1158.1	1134.3	1115.0	1109.0	1097.8	1106.8	1108.3
27.5°	1150.7	1124.6	1091.2	1077.0	1057.7	1048.0	1034.6	1016.8	993.7	1007.1	1004.9
30°	1074.0	1035.4	1007.8	973.6	943.1	940.9	915.6	885.9	874.0	874.0	880.7
32.5°	988.5	937.2	897.0	848.7	818.9	806.3	775.8	746.0	752.7	730.4	738.6
35°	888.8	821.2	770.6	723.7	701.4	686.5	647.1	630.7	612.9	602.5	621.8
37.5°	793.6	715.5	650.8	599.5	591.3	564.5	537.8	527.4	516.9	521.4	520.7
40°	677.6	608.4	550.4	510.2	496.1	483.5	465.6	453.0	446.3	450.0	450.7
42.5°	572.7	514.7	471.6	443.3	431.4	422.5	413.6	403.1	400.9	400.9	403.9
45°	491.7	444.0	415.0	392.0	385.3	378.6	371.9	367.4	365.9	363.0	365.2
47.5°	426.9	389.0	371.2	354.0	346.6	345.1	339.2	336.9	334.0	333.2	334.0
50°	372.6	348.8	332.5	322.8	317.6	315.4	312.4	307.9	306.4	310.2	308.7
52.5°	334.7	312.4	303.5	293.8	290.8	287.8	283.4	284.1	283.4	281.9	281.9
55°	296.8	282.6	273.7	266.3	265.5	262.6	258.8	257.4	256.6	255.1	257.4
57.5°	266.3	255.1	246.9	240.2	237.3	237.3	233.6	230.6	230.6	229.8	230.6
60°	235.8	224.6	219.4	212.7	210.5	209.8	207.5	206.0	203.8	203.8	203.8
62.5°	207.5	198.6	192.6	186.7	187.4	183.7	180.7	179.3	179.3	180.0	180.0
65°	180.7	174.8	167.4	162.1	160.7	159.9	158.4	157.7	155.5	156.9	156.9
67.5°	156.2	148.0	143.6	141.3	139.1	138.3	136.9	135.4	134.6	133.9	135.4
70°	131.7	125.0	121.2	119.8	117.5	116.8	116.0	113.8	114.5	115.3	116.0
72.5°	109.3	103.4	102.6	98.2	98.2	98.2	95.2	96.7	95.9	94.5	95.9
75°	86.3	83.3	81.8	79.6	80.3	79.6	78.8	76.6	76.6	77.4	78.1
77.5°	68.4	65.5	64.7	62.5	61.0	62.5	61.0	60.2	60.2	61.0	61.0
80°	50.6	49.1	46.9	46.9	46.9	46.1	46.1	46.1	45.4	44.6	45.4
82.5°	33.5	33.5	32.7	32.0	32.7	31.2	32.0	32.0	32.0	32.0	32.0
85°	21.6	20.8	20.8	20.1	20.1	20.1	20.8	19.3	19.3	20.1	20.1
87.5°	9.7	9.7	9.7	10.4	9.7	9.7	9.7	10.4	9.7	9.7	9.7
90°	38.3	37.2	34.8	37.2	37.8	38.3	38.3	38.3	38.3	38.3	38.3
92.5°	149.8	117.3	99.8	87.1	82.4	77.8	76.6	72.0	73.1	70.8	73.1
95°	398.2	304.2	233.3	184.6	171.8	159.0	144.0	134.7	131.2	132.3	131.2
97.5°	747.6	622.3	496.9	379.6	344.8	310.0	264.7	241.5	228.7	221.7	228.7
100°	1084.3	1059.9	916.0	756.9	686.7	616.5	520.1	470.2	436.5	415.6	436.5
102.5°	1209.7	1346.7	1342.1	1236.4	1161.0	1085.5	978.7	884.6	840.5	810.3	840.5
105°	1169.1	1410.5	1541.7	1556.8	1537.6	1518.5	1446.5	1374.6	1324.6	1308.4	1324.6
107.5°	1083.2	1342.1	1537.1	1650.9	1674.1	1697.3	1696.1	1685.7	1670.6	1643.9	1670.6
110°	1003.1	1248.0	1455.8	1604.4	1652.0	1699.6	1749.5	1771.6	1782.0	1780.9	1782.0

TEST NUMBER: P998404

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	947.3	1162.1	1359.5	1520.8	1577.1	1633.4	1707.7	1748.4	1770.4	1778.6	1770.4
115°	903.2	1094.8	1273.6	1425.6	1485.4	1545.2	1627.6	1681.0	1711.2	1721.7	1711.2
117.5°	873.0	1039.0	1199.3	1340.9	1397.8	1454.7	1539.4	1596.3	1627.6	1635.8	1627.6
120°	849.8	999.6	1143.5	1266.6	1319.4	1372.2	1453.5	1508.1	1541.7	1553.3	1541.7
122.5°	830.1	968.2	1097.1	1212.0	1258.4	1304.9	1375.7	1429.1	1458.1	1467.4	1458.1
125°	811.5	938.0	1057.6	1159.8	1203.4	1246.9	1314.2	1358.3	1387.3	1396.6	1387.3
127.5°	794.1	907.9	1018.1	1115.7	1156.3	1196.9	1256.1	1297.9	1323.5	1330.4	1323.5
130°	776.7	878.8	978.7	1070.4	1108.7	1147.0	1203.9	1243.4	1266.6	1275.9	1266.6
132.5°	762.7	851.0	941.5	1024.0	1059.4	1094.8	1150.5	1190.0	1210.9	1219.0	1210.9
135°	750.0	825.4	902.1	978.7	1011.2	1043.7	1093.6	1131.9	1152.8	1157.5	1152.8
137.5°	740.7	804.5	870.7	933.4	962.4	991.4	1039.0	1072.7	1091.3	1098.3	1091.3
140°	732.6	784.8	840.5	893.9	919.4	945.0	982.2	1012.3	1029.8	1036.7	1029.8
142.5°	724.4	768.5	813.8	857.9	878.2	898.6	933.4	960.1	975.2	975.2	975.2
145°	717.5	753.5	791.8	827.8	844.6	861.4	889.3	909.0	920.6	924.1	920.6
147.5°	710.5	741.8	773.2	802.2	815.0	827.8	852.1	868.4	876.5	878.8	876.5
150°	701.2	729.1	754.6	779.0	789.4	799.9	817.3	831.2	838.2	839.4	838.2
152.5°	693.1	716.3	739.5	759.3	768.0	776.7	789.4	801.1	805.7	805.7	805.7
155°	682.6	704.7	723.3	740.7	747.1	753.5	766.2	774.3	779.0	776.7	779.0
157.5°	673.3	690.8	707.0	722.1	727.4	732.6	741.8	748.8	751.1	751.1	751.1
160°	662.9	678.0	690.8	703.5	707.6	711.7	719.8	725.6	726.8	726.8	726.8
162.5°	653.6	665.2	675.7	686.1	689.0	691.9	700.0	703.5	704.7	703.5	704.7
165°	643.2	652.5	660.6	668.7	671.0	673.3	678.0	682.6	682.6	681.5	682.6
167.5°	632.7	639.7	646.6	652.5	654.8	657.1	659.4	661.7	661.7	660.6	661.7
170°	624.6	630.4	633.9	638.5	639.6	640.8	642.0	645.5	644.3	642.0	644.3
172.5°	616.5	619.9	622.3	625.7	626.3	626.9	628.1	629.2	628.1	626.9	628.1
175°	609.5	613.0	614.1	615.3	615.9	616.5	616.5	617.6	616.5	614.1	616.5
177.5°	604.9	607.2	607.2	608.3	608.3	608.3	608.3	608.3	607.2	604.9	607.2
180°	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7

TEST NUMBER: P998404

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7
2.5°	1025.7	1020.5	1016.0	1016.8	1020.5	1017.5	1010.1	1000.4	996.7	992.2	996.7
5°	1087.4	1083.0	1074.0	1074.8	1072.6	1069.6	1057.7	1042.8	1042.8	1030.9	1029.4
7.5°	1148.4	1141.7	1135.8	1134.3	1126.1	1120.2	1109.7	1088.9	1080.7	1066.6	1058.4
10°	1216.9	1211.6	1205.0	1196.8	1192.3	1181.9	1164.8	1134.3	1119.4	1100.1	1085.9
12.5°	1286.0	1285.3	1270.4	1254.0	1253.3	1236.9	1225.0	1184.1	1164.0	1138.0	1104.5
15°	1329.9	1326.2	1318.0	1309.8	1312.1	1294.2	1267.4	1219.1	1205.7	1174.5	1138.8
17.5°	1329.2	1329.2	1326.9	1325.4	1323.2	1318.0	1303.1	1271.2	1249.6	1210.2	1176.7
20°	1286.8	1296.4	1298.7	1297.9	1305.4	1309.1	1308.3	1288.3	1271.2	1236.2	1202.0
22.5°	1202.0	1224.3	1234.0	1239.9	1255.5	1263.7	1283.1	1275.6	1271.2	1245.1	1216.1
25°	1123.1	1130.6	1159.6	1161.1	1182.6	1202.7	1222.1	1234.7	1251.1	1241.4	1216.9
27.5°	1021.2	1038.3	1059.2	1074.8	1079.3	1120.2	1152.1	1175.9	1213.1	1216.1	1207.9
30°	905.9	914.1	948.3	969.2	993.0	1022.7	1068.8	1109.7	1143.2	1173.7	1184.1
32.5°	765.4	798.8	818.9	844.2	865.0	917.8	974.4	1027.2	1065.9	1117.2	1139.5
35°	636.7	662.7	696.9	707.4	745.3	789.9	863.5	931.2	990.0	1042.1	1087.4
37.5°	530.3	551.2	587.6	604.0	626.3	683.6	745.3	829.3	900.0	964.0	1020.5
40°	457.4	473.1	500.6	505.8	524.4	576.4	626.3	705.1	798.8	885.1	946.9
42.5°	407.6	415.0	433.6	440.3	452.2	487.2	531.8	606.2	693.2	782.5	869.5
45°	371.9	377.1	388.3	394.2	409.1	424.7	461.2	520.7	589.1	679.1	772.8
47.5°	339.9	346.6	351.1	354.8	363.0	380.1	403.9	447.8	513.2	595.8	686.5
50°	313.1	315.4	323.6	324.3	329.5	340.7	363.0	389.8	441.8	508.8	596.5
52.5°	286.4	288.6	293.8	299.0	301.2	310.2	325.0	347.4	386.0	438.8	516.9
55°	259.6	262.6	267.8	271.5	273.7	281.2	290.1	311.7	342.1	379.3	443.3
57.5°	232.8	239.5	241.0	243.2	246.9	255.1	263.3	275.9	299.8	334.0	380.8
60°	207.5	209.8	215.0	217.2	220.9	225.4	235.8	245.5	262.6	289.3	331.7
62.5°	181.5	186.7	188.9	191.2	194.1	199.3	206.0	216.4	231.3	252.9	286.4
65°	159.2	159.9	164.4	167.4	170.3	174.0	180.7	190.4	199.3	219.4	244.0
67.5°	137.6	139.1	140.6	143.6	147.3	151.0	156.9	162.1	173.3	186.7	206.0
70°	116.8	116.8	120.5	122.7	122.0	126.4	130.9	136.9	145.0	157.7	173.3
72.5°	98.2	97.4	100.4	101.2	102.6	105.6	108.6	114.5	119.0	128.7	140.6
75°	78.1	79.6	81.1	81.1	83.3	85.5	88.5	91.5	96.7	102.6	111.6
77.5°	61.7	61.7	63.2	64.0	66.2	65.5	68.4	71.4	75.1	80.3	87.0
80°	45.4	46.9	46.9	46.9	47.6	48.3	51.3	53.6	55.8	59.5	62.5
82.5°	32.0	32.0	33.5	33.5	33.5	35.0	35.0	35.7	37.2	39.4	41.7
85°	20.1	20.1	20.1	20.8	20.1	20.8	22.3	21.6	22.3	23.8	23.8
87.5°	9.7	9.7	9.7	9.7	9.7	10.4	9.7	10.4	11.2	11.2	11.2
90°	38.3	38.3	38.3	37.8	37.2	34.8	37.2	38.3	39.5	38.3	31.3
92.5°	72.0	76.6	77.8	82.4	87.1	99.8	117.3	149.8	178.8	176.5	137.0
95°	134.7	144.0	159.0	171.8	184.6	233.3	304.2	398.2	455.1	402.8	268.2
97.5°	241.5	264.7	310.0	344.8	379.6	496.9	622.3	747.6	741.8	573.5	356.4
100°	470.2	520.1	616.5	686.7	756.9	916.0	1059.9	1084.3	917.1	631.6	380.8
102.5°	884.6	978.7	1085.5	1161.0	1236.4	1342.1	1346.7	1209.7	923.0	609.5	382.0
105°	1374.6	1446.5	1518.5	1537.6	1556.8	1541.7	1410.5	1169.1	860.3	579.3	387.8
107.5°	1685.7	1696.1	1697.3	1674.1	1650.9	1537.1	1342.1	1083.2	802.2	563.1	400.5
110°	1771.6	1749.5	1699.6	1652.0	1604.4	1455.8	1248.0	1003.1	762.7	558.4	416.8

TEST NUMBER: P998404

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1748.4	1707.7	1633.4	1577.1	1520.8	1359.5	1162.1	947.3	737.2	559.6	434.2
115°	1681.0	1627.6	1545.2	1485.4	1425.6	1273.6	1094.8	903.2	719.8	564.2	451.6
117.5°	1596.3	1539.4	1454.7	1397.8	1340.9	1199.3	1039.0	873.0	710.5	571.2	470.2
120°	1508.1	1453.5	1372.2	1319.4	1266.6	1143.5	999.6	849.8	702.4	578.2	488.8
122.5°	1429.1	1375.7	1304.9	1258.4	1212.0	1097.1	968.2	830.1	697.7	586.3	505.0
125°	1358.3	1314.2	1246.9	1203.4	1159.8	1057.6	938.0	811.5	691.9	594.4	522.4
127.5°	1297.9	1256.1	1196.9	1156.3	1115.7	1018.1	907.9	794.1	688.4	602.5	538.7
130°	1243.4	1203.9	1147.0	1108.7	1070.4	978.7	878.8	776.7	686.1	611.8	553.8
132.5°	1190.0	1150.5	1094.8	1059.4	1024.0	941.5	851.0	762.7	685.0	621.1	568.9
135°	1131.9	1093.6	1043.7	1011.2	978.7	902.1	825.4	750.0	683.8	628.1	581.6
137.5°	1072.7	1039.0	991.4	962.4	933.4	870.7	804.5	740.7	683.8	635.0	592.1
140°	1012.3	982.2	945.0	919.4	893.9	840.5	784.8	732.6	682.6	639.7	600.2
142.5°	960.1	933.4	898.6	878.2	857.9	813.8	768.5	724.4	682.6	643.2	607.2
145°	909.0	889.3	861.4	844.6	827.8	791.8	753.5	717.5	680.3	645.5	613.0
147.5°	868.4	852.1	827.8	815.0	802.2	773.2	741.8	710.5	676.8	646.6	616.5
150°	831.2	817.3	799.9	789.4	779.0	754.6	729.1	701.2	673.3	645.5	618.8
152.5°	801.1	789.4	776.7	768.0	759.3	739.5	716.3	693.1	667.5	643.2	619.9
155°	774.3	766.2	753.5	747.1	740.7	723.3	704.7	682.6	660.6	640.8	621.1
157.5°	748.8	741.8	732.6	727.4	722.1	707.0	690.8	673.3	653.6	636.2	621.1
160°	725.6	719.8	711.7	707.6	703.5	690.8	678.0	662.9	646.6	632.7	621.1
162.5°	703.5	700.0	691.9	689.0	686.1	675.7	665.2	653.6	640.8	629.2	619.9
165°	682.6	678.0	673.3	671.0	668.7	660.6	652.5	643.2	632.7	624.6	617.6
167.5°	661.7	659.4	657.1	654.8	652.5	646.6	639.7	632.7	625.7	619.9	616.5
170°	645.5	642.0	640.8	639.6	638.5	633.9	630.4	624.6	619.9	616.5	614.1
172.5°	629.2	628.1	626.9	626.3	625.7	622.3	619.9	616.5	613.0	611.8	610.7
175°	617.6	616.5	616.5	615.9	615.3	614.1	613.0	609.5	608.3	607.2	608.3
177.5°	608.3	608.3	608.3	608.3	608.3	607.2	607.2	604.9	603.7	604.9	607.2
180°	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7

TEST NUMBER: P998404

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7
2.5°	993.0	989.3	987.0	988.5	984.0	972.9	972.9	976.6	972.1	967.7	961.0
5°	1020.5	1013.1	1008.6	1007.8	997.4	979.6	975.9	972.1	962.5	952.1	940.9
7.5°	1047.3	1033.9	1026.4	1021.2	1006.4	983.3	973.6	965.5	949.8	934.2	920.1
10°	1069.6	1050.2	1041.3	1033.1	1013.8	984.8	969.2	954.3	934.2	914.1	896.3
12.5°	1087.4	1065.1	1054.0	1042.1	1018.3	980.3	961.0	937.2	917.1	890.3	872.5
15°	1117.2	1071.1	1060.7	1049.5	1025.0	972.9	949.1	922.3	894.8	859.1	839.7
17.5°	1141.0	1079.3	1078.5	1054.7	1022.7	969.9	933.5	898.5	868.8	833.1	802.6
20°	1155.1	1091.9	1080.0	1055.4	1015.3	949.8	911.9	873.2	841.2	798.1	767.6
22.5°	1167.0	1109.7	1078.5	1048.8	999.7	943.1	887.4	850.9	807.0	760.2	731.2
25°	1171.5	1113.5	1080.7	1046.5	988.5	923.8	860.6	821.2	772.1	729.7	690.2
27.5°	1172.2	1112.7	1072.6	1036.9	972.9	898.5	833.8	792.1	737.8	688.8	649.3
30°	1164.8	1104.5	1068.1	1029.4	958.0	875.5	801.1	755.0	696.9	647.8	606.9
32.5°	1142.5	1088.2	1058.4	1016.0	938.7	843.5	769.8	718.5	657.5	609.2	569.7
35°	1105.3	1068.1	1035.4	995.9	913.4	813.7	738.6	678.3	616.6	570.5	533.3
37.5°	1059.2	1039.1	1008.6	969.9	884.4	786.9	703.6	636.7	575.0	530.3	493.9
40°	996.7	1001.9	972.1	937.2	850.2	750.5	658.3	594.3	536.3	494.6	458.9
42.5°	929.0	950.6	933.5	900.0	812.2	710.3	624.8	554.1	497.6	454.5	424.7
45°	856.1	893.3	882.9	858.3	772.8	667.9	577.2	508.8	458.9	417.3	391.2
47.5°	776.5	829.3	829.3	811.5	728.9	625.5	536.3	466.4	417.3	387.5	362.2
50°	695.5	755.0	764.6	752.7	679.8	577.2	486.4	423.2	380.8	351.8	333.2
52.5°	610.7	679.8	697.7	691.7	627.8	531.1	445.5	383.8	345.1	319.8	303.5
55°	529.6	609.9	629.3	631.5	572.0	480.5	400.2	345.9	308.7	291.6	277.4
57.5°	453.0	530.3	551.9	555.6	515.5	434.4	357.8	310.2	276.7	262.6	251.4
60°	387.5	452.2	480.5	488.7	453.7	380.8	318.3	272.2	246.9	233.6	223.1
62.5°	334.0	386.0	415.8	418.0	402.4	334.0	277.4	238.8	217.2	205.3	200.1
65°	281.9	328.8	346.6	355.5	342.9	289.3	239.5	207.5	190.4	180.0	174.8
67.5°	240.2	270.0	284.9	296.8	284.1	244.0	203.8	177.8	165.1	154.7	151.7
70°	197.1	221.7	232.8	244.7	233.6	203.1	174.0	150.2	139.1	130.9	127.2
72.5°	157.7	177.0	187.4	194.9	188.2	162.9	139.1	122.7	114.5	108.6	106.4
75°	125.0	138.3	144.3	149.5	146.5	127.2	112.3	98.9	91.5	86.3	84.8
77.5°	95.2	104.9	111.6	113.1	109.3	96.7	84.0	75.9	69.9	66.9	65.5
80°	67.7	73.6	77.4	79.6	75.9	70.7	61.7	55.8	50.6	46.9	46.1
82.5°	45.4	48.3	51.3	50.6	49.1	44.6	39.4	36.4	34.2	31.2	31.2
85°	26.0	26.8	28.3	29.0	28.3	25.3	22.3	20.8	19.3	17.1	17.1
87.5°	11.2	11.9	11.9	12.6	11.2	11.2	9.7	8.2	8.2	7.4	6.7
90°	23.2	17.4	15.6	13.9	11.6	9.3	4.6	1.2	4.6	9.3	11.6
92.5°	92.9	61.5	55.2	48.8	39.5	33.7	24.4	17.4	24.4	33.7	39.5
95°	167.2	113.8	99.8	85.9	67.3	56.9	45.3	40.6	45.3	56.9	67.3
97.5°	215.9	147.4	131.8	116.1	95.2	80.1	67.3	60.4	67.3	80.1	95.2
100°	239.2	177.6	161.4	145.1	121.9	103.3	92.9	89.4	92.9	103.3	121.9
102.5°	260.1	204.3	188.0	171.8	147.4	128.9	118.4	116.1	118.4	128.9	147.4
105°	284.4	229.9	213.6	197.4	171.8	154.4	146.3	141.6	146.3	154.4	171.8
107.5°	308.8	255.4	239.2	222.9	197.4	181.1	173.0	169.5	173.0	181.1	197.4
110°	333.2	282.1	265.2	248.4	224.1	209.0	202.0	197.4	202.0	209.0	224.1

TEST NUMBER: P998404

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	356.4	307.7	290.2	272.8	249.6	235.7	227.5	222.9	227.5	235.7	249.6
115°	380.8	330.9	315.2	299.5	276.3	262.4	255.4	249.6	255.4	262.4	276.3
117.5°	402.8	356.4	340.2	323.9	301.8	289.1	282.1	277.5	282.1	289.1	301.8
120°	426.1	380.8	364.6	348.3	325.1	314.6	307.7	303.0	307.7	314.6	325.1
122.5°	448.1	406.3	389.5	372.7	349.4	337.8	330.9	327.4	330.9	337.8	349.4
125°	470.2	428.4	412.2	395.9	372.7	358.7	351.8	348.3	351.8	358.7	372.7
127.5°	491.1	450.4	433.6	416.8	394.7	379.6	370.3	365.7	370.3	379.6	394.7
130°	509.7	469.0	452.8	436.5	413.3	397.0	385.4	380.8	385.4	397.0	413.3
132.5°	525.9	487.6	471.4	455.1	430.7	413.3	400.5	394.7	400.5	413.3	430.7
135°	541.0	503.8	487.6	471.3	444.6	427.2	413.3	408.7	413.3	427.2	444.6
137.5°	553.8	516.6	501.5	486.4	459.7	441.2	427.2	421.4	427.2	441.2	459.7
140°	564.2	529.4	514.3	499.2	473.7	455.1	441.2	436.5	441.2	455.1	473.7
142.5°	572.3	538.7	524.8	510.8	486.4	467.9	455.1	451.6	455.1	467.9	486.4
145°	580.5	549.1	536.4	523.6	500.4	483.0	471.3	466.7	471.3	483.0	500.4
147.5°	587.4	557.3	545.6	534.0	514.3	498.0	486.4	483.0	486.4	498.0	514.3
150°	592.1	565.4	555.0	544.5	527.1	512.0	502.7	499.2	502.7	512.0	527.1
152.5°	596.7	573.5	564.2	554.9	538.7	525.9	516.6	515.5	516.6	525.9	538.7
155°	601.4	581.6	572.9	564.2	551.4	538.7	531.7	530.6	531.7	538.7	551.4
157.5°	604.9	587.4	579.8	572.3	561.9	550.3	544.5	543.3	544.5	550.3	561.9
160°	607.2	593.2	586.8	580.5	571.2	561.9	557.3	556.1	557.3	561.9	571.2
162.5°	608.3	596.7	592.0	587.4	579.3	572.3	567.7	568.9	567.7	572.3	579.3
165°	609.5	599.0	595.6	592.1	586.3	579.3	577.0	578.2	577.0	579.3	586.3
167.5°	609.5	601.4	599.0	596.7	592.1	587.4	585.1	586.3	585.1	587.4	592.1
170°	608.3	602.5	600.8	599.0	596.7	593.2	592.1	594.4	592.1	593.2	596.7
172.5°	607.2	603.7	602.6	601.4	600.2	596.7	597.9	599.0	597.9	596.7	600.2
175°	606.0	603.7	603.1	602.5	602.5	600.2	601.4	602.5	601.4	600.2	602.5
177.5°	604.9	603.7	603.7	603.7	603.7	601.4	602.5	604.9	602.5	601.4	603.7
180°	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7

TEST NUMBER: P998404

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7
2.5°	957.3	961.0	960.2	952.8	944.6	937.9	925.3	926.8	922.3	923.1	927.5
5°	933.5	933.5	930.5	920.1	906.7	899.3	885.1	881.4	872.5	871.7	871.0
7.5°	908.2	904.5	900.7	885.9	869.5	857.6	838.3	833.8	824.9	818.9	815.9
10°	878.4	873.2	865.8	848.7	828.6	813.7	793.6	787.7	770.6	763.1	758.7
12.5°	845.7	842.7	830.8	816.7	784.0	767.6	738.6	744.5	727.4	712.6	710.3
15°	813.0	801.8	795.1	772.1	732.6	725.2	702.1	690.2	674.6	662.7	662.7
17.5°	781.0	763.9	749.0	724.5	695.5	674.6	657.5	651.6	632.2	620.3	618.1
20°	738.6	719.3	715.5	680.6	660.5	637.4	621.1	606.2	592.1	586.9	583.1
22.5°	698.4	676.1	670.2	640.4	620.3	597.3	580.9	570.5	560.1	556.4	549.7
25°	655.3	641.9	633.0	601.0	578.7	557.1	545.9	538.5	528.8	528.1	523.6
27.5°	613.6	601.0	592.1	561.6	545.2	525.1	516.2	508.0	502.8	500.6	498.3
30°	577.9	563.8	553.4	531.1	511.0	494.6	487.2	482.0	479.0	475.3	474.5
32.5°	538.5	530.3	516.2	499.1	483.5	467.8	463.4	459.7	455.2	453.7	453.0
35°	505.0	493.9	485.0	465.6	458.9	445.5	440.3	437.4	431.4	429.9	428.4
37.5°	472.3	461.9	452.2	440.3	427.7	420.2	417.3	412.8	409.8	410.6	409.1
40°	439.6	431.4	424.0	411.3	403.9	400.2	394.2	389.8	388.3	389.0	388.3
42.5°	407.6	400.2	395.7	386.0	378.6	374.9	371.2	366.7	368.9	368.9	371.2
45°	378.6	371.9	368.9	361.5	357.0	351.1	347.4	346.6	349.6	348.8	348.8
47.5°	348.8	346.6	342.9	336.2	330.2	326.5	325.8	325.8	328.8	330.2	329.5
50°	325.8	321.3	316.9	311.7	307.2	305.7	303.5	305.0	307.9	307.9	309.4
52.5°	296.8	293.8	292.3	287.8	284.9	284.9	284.9	285.6	287.8	290.1	289.3
55°	271.5	269.3	267.8	265.5	261.8	262.6	261.8	263.3	265.5	267.8	269.3
57.5°	244.7	244.0	242.5	238.8	238.8	238.0	240.2	241.0	244.7	246.2	248.4
60°	220.9	218.7	218.7	215.7	215.7	215.7	217.9	220.2	223.1	223.9	225.4
62.5°	195.6	195.6	194.9	192.6	192.6	194.9	195.6	198.6	200.1	200.1	202.3
65°	171.8	171.1	170.3	171.1	171.8	171.8	174.0	175.5	177.0	177.8	178.5
67.5°	148.0	147.3	148.8	148.0	149.5	152.5	151.7	154.0	156.2	156.2	156.9
70°	125.7	127.2	126.4	127.9	127.2	128.7	130.9	131.7	131.7	132.4	134.6
72.5°	104.9	104.9	104.9	104.1	104.9	106.4	107.9	108.6	110.1	110.8	113.1
75°	84.8	84.8	83.3	84.8	84.8	86.3	87.8	87.8	87.8	89.3	91.5
77.5°	64.0	64.7	64.0	65.5	65.5	66.2	67.7	66.9	68.4	69.2	69.9
80°	46.9	46.1	46.1	46.1	46.9	46.9	48.3	49.1	49.1	51.3	49.8
82.5°	29.8	30.5	29.8	30.5	30.5	31.2	30.5	31.2	32.0	33.5	32.7
85°	17.1	16.4	16.4	17.1	16.4	16.4	17.1	16.4	17.1	16.4	17.1
87.5°	6.7	6.0	6.0	6.0	6.0	5.2	5.2	4.5	4.5	4.5	3.7
90°	13.9	15.6	17.4	23.2	31.3	38.3	39.5	38.3	37.2	34.8	37.2
92.5°	48.8	55.2	61.5	92.9	137.0	176.5	178.8	149.8	117.3	99.8	87.1
95°	85.9	99.8	113.8	167.2	268.2	402.8	455.1	398.2	304.2	233.3	184.6
97.5°	116.1	131.8	147.4	215.9	356.4	573.5	741.8	747.6	622.3	496.9	379.6
100°	145.1	161.4	177.6	239.2	380.8	631.6	917.1	1084.3	1059.9	916.0	756.9
102.5°	171.8	188.0	204.3	260.1	382.0	609.5	923.0	1209.7	1346.7	1342.1	1236.4
105°	197.4	213.6	229.9	284.4	387.8	579.3	860.3	1169.1	1410.5	1541.7	1556.8
107.5°	222.9	239.2	255.4	308.8	400.5	563.1	802.2	1083.2	1342.1	1537.1	1650.9
110°	248.4	265.2	282.1	333.2	416.8	558.4	762.7	1003.1	1248.0	1455.8	1604.4

TEST NUMBER: P998404

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	272.8	290.2	307.7	356.4	434.2	559.6	737.2	947.3	1162.1	1359.5	1520.8
115°	299.5	315.2	330.9	380.8	451.6	564.2	719.8	903.2	1094.8	1273.6	1425.6
117.5°	323.9	340.2	356.4	402.8	470.2	571.2	710.5	873.0	1039.0	1199.3	1340.9
120°	348.3	364.6	380.8	426.1	488.8	578.2	702.4	849.8	999.6	1143.5	1266.6
122.5°	372.7	389.5	406.3	448.1	505.0	586.3	697.7	830.1	968.2	1097.1	1212.0
125°	395.9	412.2	428.4	470.2	522.4	594.4	691.9	811.5	938.0	1057.6	1159.8
127.5°	416.8	433.6	450.4	491.1	538.7	602.5	688.4	794.1	907.9	1018.1	1115.7
130°	436.5	452.8	469.0	509.7	553.8	611.8	686.1	776.7	878.8	978.7	1070.4
132.5°	455.1	471.4	487.6	525.9	568.9	621.1	685.0	762.7	851.0	941.5	1024.0
135°	471.3	487.6	503.8	541.0	581.6	628.1	683.8	750.0	825.4	902.1	978.7
137.5°	486.4	501.5	516.6	553.8	592.1	635.0	683.8	740.7	804.5	870.7	933.4
140°	499.2	514.3	529.4	564.2	600.2	639.7	682.6	732.6	784.8	840.5	893.9
142.5°	510.8	524.8	538.7	572.3	607.2	643.2	682.6	724.4	768.5	813.8	857.9
145°	523.6	536.4	549.1	580.5	613.0	645.5	680.3	717.5	753.5	791.8	827.8
147.5°	534.0	545.6	557.3	587.4	616.5	646.6	676.8	710.5	741.8	773.2	802.2
150°	544.5	555.0	565.4	592.1	618.8	645.5	673.3	701.2	729.1	754.6	779.0
152.5°	554.9	564.2	573.5	596.7	619.9	643.2	667.5	693.1	716.3	739.5	759.3
155°	564.2	572.9	581.6	601.4	621.1	640.8	660.6	682.6	704.7	723.3	740.7
157.5°	572.3	579.8	587.4	604.9	621.1	636.2	653.6	673.3	690.8	707.0	722.1
160°	580.5	586.8	593.2	607.2	621.1	632.7	646.6	662.9	678.0	690.8	703.5
162.5°	587.4	592.0	596.7	608.3	619.9	629.2	640.8	653.6	665.2	675.7	686.1
165°	592.1	595.6	599.0	609.5	617.6	624.6	632.7	643.2	652.5	660.6	668.7
167.5°	596.7	599.0	601.4	609.5	616.5	619.9	625.7	632.7	639.7	646.6	652.5
170°	599.0	600.8	602.5	608.3	614.1	616.5	619.9	624.6	630.4	633.9	638.5
172.5°	601.4	602.6	603.7	607.2	610.7	611.8	613.0	616.5	619.9	622.3	625.7
175°	602.5	603.1	603.7	606.0	608.3	607.2	608.3	609.5	613.0	614.1	615.3
177.5°	603.7	603.7	603.7	604.9	607.2	604.9	603.7	604.9	607.2	607.2	608.3
180°	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7

TEST NUMBER: P998404

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7
2.5°	922.3	924.5	919.3	917.8	919.3	914.1	915.6	917.1	917.1	919.3	920.8
5°	868.8	865.8	860.6	859.1	857.6	859.8	858.3	860.6	861.3	866.5	867.3
7.5°	815.9	811.5	807.0	802.6	801.1	797.4	801.1	801.1	806.3	804.8	808.5
10°	753.5	752.7	746.8	744.5	741.6	735.6	743.8	741.6	745.3	752.0	753.5
12.5°	707.4	699.2	702.9	692.5	696.2	690.2	691.0	691.0	696.9	697.7	696.2
15°	663.5	656.8	647.1	642.6	640.4	637.4	647.1	647.8	643.4	653.8	650.1
17.5°	618.8	618.8	609.9	607.7	601.7	604.7	603.2	604.0	602.5	609.9	613.6
20°	580.2	576.4	573.5	574.2	566.8	565.3	563.8	565.3	570.5	575.7	577.2
22.5°	548.9	546.7	539.3	540.7	534.8	537.0	535.5	539.3	540.0	540.0	545.2
25°	519.2	516.2	516.9	514.0	511.7	511.7	509.5	511.7	514.7	516.2	516.9
27.5°	496.9	494.6	490.9	488.7	490.2	486.4	489.4	491.7	491.7	490.2	491.7
30°	470.1	471.6	471.6	464.1	467.1	465.6	467.8	469.3	469.3	470.1	468.6
32.5°	452.2	447.8	447.0	446.3	446.3	443.3	443.3	445.5	446.3	447.0	449.3
35°	428.4	428.4	424.7	426.9	424.0	424.7	424.0	424.7	426.2	424.0	426.2
37.5°	406.9	407.6	406.1	407.6	408.3	406.9	405.4	408.3	406.9	406.9	405.4
40°	388.3	387.5	388.3	388.3	388.3	389.0	387.5	387.5	387.5	386.0	384.5
42.5°	372.6	368.2	369.7	370.4	368.2	368.2	368.9	368.2	370.4	365.9	365.9
45°	350.3	348.8	349.6	349.6	351.1	348.8	350.3	351.1	348.8	348.1	346.6
47.5°	330.2	331.7	330.2	331.7	331.7	333.2	330.2	331.0	331.7	328.8	326.5
50°	310.2	310.2	312.4	311.7	312.4	310.9	310.9	310.2	310.9	309.4	307.2
52.5°	291.6	289.3	293.1	292.3	291.6	290.8	290.1	290.8	289.3	287.8	287.8
55°	268.5	268.5	270.7	271.5	271.5	270.0	268.5	269.3	268.5	267.8	267.0
57.5°	249.9	246.9	248.4	249.2	249.2	246.9	248.4	246.9	246.9	247.7	245.5
60°	226.1	226.1	224.6	226.9	226.9	225.4	225.4	226.1	224.6	223.9	223.1
62.5°	200.8	201.6	203.8	204.5	205.3	203.8	202.3	203.1	203.1	200.8	201.6
65°	179.3	180.7	183.7	183.0	181.5	182.2	180.7	181.5	179.3	180.0	177.8
67.5°	158.4	157.7	158.4	158.4	159.9	159.2	157.7	157.7	156.9	159.2	156.9
70°	136.1	136.1	136.1	136.1	136.9	137.6	136.1	134.6	135.4	133.9	133.1
72.5°	113.1	113.8	113.1	114.5	112.3	113.8	113.8	113.1	112.3	112.3	112.3
75°	91.5	93.0	90.7	91.5	90.7	92.2	91.5	91.5	90.0	89.3	90.0
77.5°	69.9	70.7	69.2	69.9	69.2	69.9	69.9	69.2	69.2	69.2	69.2
80°	49.8	50.6	49.8	49.1	48.3	49.8	48.3	49.1	49.8	49.1	50.6
82.5°	32.0	32.0	31.2	32.0	30.5	30.5	31.2	31.2	30.5	32.0	30.5
85°	15.6	15.6	17.1	15.6	14.9	14.9	14.9	15.6	14.9	16.4	15.6
87.5°	3.7	3.0	3.7	3.7	3.0	3.0	3.7	3.0	3.7	4.5	3.0
90°	37.8	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	37.8
92.5°	82.4	77.8	76.6	72.0	73.1	70.8	73.1	72.0	76.6	77.8	82.4
95°	171.8	159.0	144.0	134.7	131.2	132.3	131.2	134.7	144.0	159.0	171.8
97.5°	344.8	310.0	264.7	241.5	228.7	221.7	228.7	241.5	264.7	310.0	344.8
100°	686.7	616.5	520.1	470.2	436.5	415.6	436.5	470.2	520.1	616.5	686.7
102.5°	1161.0	1085.5	978.7	884.6	840.5	810.3	840.5	884.6	978.7	1085.5	1161.0
105°	1537.6	1518.5	1446.5	1374.6	1324.6	1308.4	1324.6	1374.6	1446.5	1518.5	1537.6
107.5°	1674.1	1697.3	1696.1	1685.7	1670.6	1643.9	1670.6	1685.7	1696.1	1697.3	1674.1
110°	1652.0	1699.6	1749.5	1771.6	1782.0	1780.9	1782.0	1771.6	1749.5	1699.6	1652.0

TEST NUMBER: P998404

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1577.1	1633.4	1707.7	1748.4	1770.4	1778.6	1770.4	1748.4	1707.7	1633.4	1577.1
115°	1485.4	1545.2	1627.6	1681.0	1711.2	1721.7	1711.2	1681.0	1627.6	1545.2	1485.4
117.5°	1397.8	1454.7	1539.4	1596.3	1627.6	1635.8	1627.6	1596.3	1539.4	1454.7	1397.8
120°	1319.4	1372.2	1453.5	1508.1	1541.7	1553.3	1541.7	1508.1	1453.5	1372.2	1319.4
122.5°	1258.4	1304.9	1375.7	1429.1	1458.1	1467.4	1458.1	1429.1	1375.7	1304.9	1258.4
125°	1203.4	1246.9	1314.2	1358.3	1387.3	1396.6	1387.3	1358.3	1314.2	1246.9	1203.4
127.5°	1156.3	1196.9	1256.1	1297.9	1323.5	1330.4	1323.5	1297.9	1256.1	1196.9	1156.3
130°	1108.7	1147.0	1203.9	1243.4	1266.6	1275.9	1266.6	1243.4	1203.9	1147.0	1108.7
132.5°	1059.4	1094.8	1150.5	1190.0	1210.9	1219.0	1210.9	1190.0	1150.5	1094.8	1059.4
135°	1011.2	1043.7	1093.6	1131.9	1152.8	1157.5	1152.8	1131.9	1093.6	1043.7	1011.2
137.5°	962.4	991.4	1039.0	1072.7	1091.3	1098.3	1091.3	1072.7	1039.0	991.4	962.4
140°	919.4	945.0	982.2	1012.3	1029.8	1036.7	1029.8	1012.3	982.2	945.0	919.4
142.5°	878.2	898.6	933.4	960.1	975.2	975.2	975.2	960.1	933.4	898.6	878.2
145°	844.6	861.4	889.3	909.0	920.6	924.1	920.6	909.0	889.3	861.4	844.6
147.5°	815.0	827.8	852.1	868.4	876.5	878.8	876.5	868.4	852.1	827.8	815.0
150°	789.4	799.9	817.3	831.2	838.2	839.4	838.2	831.2	817.3	799.9	789.4
152.5°	768.0	776.7	789.4	801.1	805.7	805.7	805.7	801.1	789.4	776.7	768.0
155°	747.1	753.5	766.2	774.3	779.0	776.7	779.0	774.3	766.2	753.5	747.1
157.5°	727.4	732.6	741.8	748.8	751.1	751.1	751.1	748.8	741.8	732.6	727.4
160°	707.6	711.7	719.8	725.6	726.8	726.8	726.8	725.6	719.8	711.7	707.6
162.5°	689.0	691.9	700.0	703.5	704.7	703.5	704.7	703.5	700.0	691.9	689.0
165°	671.0	673.3	678.0	682.6	682.6	681.5	682.6	682.6	678.0	673.3	671.0
167.5°	654.8	657.1	659.4	661.7	661.7	660.6	661.7	661.7	659.4	657.1	654.8
170°	639.6	640.8	642.0	645.5	644.3	642.0	644.3	645.5	642.0	640.8	639.6
172.5°	626.3	626.9	628.1	629.2	628.1	626.9	628.1	629.2	628.1	626.9	626.3
175°	615.9	616.5	616.5	617.6	616.5	614.1	616.5	617.6	616.5	616.5	615.9
177.5°	608.3	608.3	608.3	608.3	607.2	604.9	607.2	608.3	608.3	608.3	608.3
180°	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7

TEST NUMBER: P998404

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7
2.5°	918.6	924.5	922.3	914.1	923.8	923.8	930.5	930.5	938.7	941.6	946.1
5°	866.5	871.0	874.7	871.0	877.7	888.1	894.0	899.3	910.4	914.9	921.6
7.5°	810.7	818.9	822.6	822.6	833.8	845.7	857.6	865.0	880.7	886.6	893.3
10°	756.4	766.1	773.6	772.8	791.4	798.8	813.7	830.8	846.4	855.4	865.0
12.5°	699.2	704.4	714.8	729.7	734.1	747.5	764.6	786.2	814.5	822.6	836.8
15°	651.6	665.7	673.9	680.6	691.0	703.6	722.2	743.1	771.3	789.2	804.0
17.5°	611.4	630.0	635.2	633.7	647.1	666.4	688.0	703.6	728.9	750.5	764.6
20°	578.7	586.1	595.0	598.8	609.2	630.0	650.8	668.7	689.5	706.6	723.0
22.5°	545.9	551.9	559.3	566.0	574.2	586.1	606.2	628.5	648.6	665.0	683.6
25°	519.2	522.9	529.6	534.8	543.7	551.9	566.0	590.6	614.4	624.0	640.4
27.5°	493.1	496.1	500.6	506.5	511.0	519.2	531.8	551.9	576.4	586.1	608.4
30°	470.1	472.3	476.8	479.7	482.0	491.7	501.3	516.9	535.5	548.9	565.3
32.5°	448.5	450.7	455.2	455.9	458.9	464.1	473.1	487.2	503.6	514.7	528.8
35°	424.7	426.2	430.7	432.1	434.4	438.8	445.5	455.9	470.8	479.0	491.7
37.5°	406.1	405.4	408.3	410.6	413.6	415.8	418.0	428.4	439.6	447.0	456.7
40°	386.0	384.5	385.3	388.3	389.8	392.7	392.7	403.1	410.6	416.5	424.0
42.5°	365.9	365.2	363.7	365.2	366.7	367.4	368.2	375.6	383.1	388.3	396.4
45°	345.9	345.1	343.6	344.4	344.4	345.9	348.1	351.1	356.3	360.7	365.2
47.5°	327.3	325.8	323.6	322.8	324.3	324.3	324.3	327.3	332.5	334.0	338.4
50°	307.9	305.7	302.7	301.2	301.2	300.5	302.0	302.7	307.2	308.7	312.4
52.5°	287.1	285.6	282.6	279.7	280.4	278.9	279.7	280.4	281.9	284.1	286.4
55°	266.3	263.3	261.1	260.3	258.1	258.1	255.9	258.8	258.1	258.8	261.8
57.5°	246.2	243.2	239.5	238.0	235.8	235.0	233.6	232.8	233.6	235.8	238.0
60°	222.4	220.9	218.7	216.4	215.0	212.7	211.2	211.2	210.5	210.5	211.2
62.5°	199.3	198.6	195.6	194.9	193.4	191.9	189.7	188.2	188.2	189.7	190.4
65°	177.0	176.3	174.0	173.3	169.6	168.1	167.4	166.6	165.1	165.1	165.1
67.5°	156.2	154.0	154.0	150.2	147.3	145.8	144.3	143.6	143.6	143.6	144.3
70°	133.1	133.1	130.9	128.7	125.7	126.4	124.2	122.0	122.0	120.5	121.2
72.5°	110.8	110.1	107.9	107.1	104.9	102.6	101.2	102.6	100.4	99.7	100.4
75°	89.3	88.5	87.0	85.5	86.3	84.0	81.8	81.1	81.1	79.6	79.6
77.5°	68.4	69.9	66.9	66.2	64.7	63.2	62.5	61.7	61.7	61.7	63.2
80°	47.6	48.3	48.3	46.9	47.6	45.4	45.4	45.4	43.1	43.9	44.6
82.5°	30.5	30.5	29.8	30.5	29.8	29.8	29.0	29.0	28.3	28.3	29.0
85°	17.1	16.4	15.6	17.1	16.4	16.4	15.6	15.6	15.6	15.6	15.6
87.5°	3.7	4.5	4.5	4.5	4.5	5.2	5.2	5.2	6.0	6.0	6.0
90°	37.2	34.8	37.2	38.3	39.5	38.3	31.3	23.2	17.4	15.6	13.9
92.5°	87.1	99.8	117.3	149.8	178.8	176.5	137.0	92.9	61.5	55.2	48.8
95°	184.6	233.3	304.2	398.2	455.1	402.8	268.2	167.2	113.8	99.8	85.9
97.5°	379.6	496.9	622.3	747.6	741.8	573.5	356.4	215.9	147.4	131.8	116.1
100°	756.9	916.0	1059.9	1084.3	917.1	631.6	380.8	239.2	177.6	161.4	145.1
102.5°	1236.4	1342.1	1346.7	1209.7	923.0	609.5	382.0	260.1	204.3	188.0	171.8
105°	1556.8	1541.7	1410.5	1169.1	860.3	579.3	387.8	284.4	229.9	213.6	197.4
107.5°	1650.9	1537.1	1342.1	1083.2	802.2	563.1	400.5	308.8	255.4	239.2	222.9
110°	1604.4	1455.8	1248.0	1003.1	762.7	558.4	416.8	333.2	282.1	265.2	248.4

TEST NUMBER: P998404

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1520.8	1359.5	1162.1	947.3	737.2	559.6	434.2	356.4	307.7	290.2	272.8
115°	1425.6	1273.6	1094.8	903.2	719.8	564.2	451.6	380.8	330.9	315.2	299.5
117.5°	1340.9	1199.3	1039.0	873.0	710.5	571.2	470.2	402.8	356.4	340.2	323.9
120°	1266.6	1143.5	999.6	849.8	702.4	578.2	488.8	426.1	380.8	364.6	348.3
122.5°	1212.0	1097.1	968.2	830.1	697.7	586.3	505.0	448.1	406.3	389.5	372.7
125°	1159.8	1057.6	938.0	811.5	691.9	594.4	522.4	470.2	428.4	412.2	395.9
127.5°	1115.7	1018.1	907.9	794.1	688.4	602.5	538.7	491.1	450.4	433.6	416.8
130°	1070.4	978.7	878.8	776.7	686.1	611.8	553.8	509.7	469.0	452.8	436.5
132.5°	1024.0	941.5	851.0	762.7	685.0	621.1	568.9	525.9	487.6	471.4	455.1
135°	978.7	902.1	825.4	750.0	683.8	628.1	581.6	541.0	503.8	487.6	471.3
137.5°	933.4	870.7	804.5	740.7	683.8	635.0	592.1	553.8	516.6	501.5	486.4
140°	893.9	840.5	784.8	732.6	682.6	639.7	600.2	564.2	529.4	514.3	499.2
142.5°	857.9	813.8	768.5	724.4	682.6	643.2	607.2	572.3	538.7	524.8	510.8
145°	827.8	791.8	753.5	717.5	680.3	645.5	613.0	580.5	549.1	536.4	523.6
147.5°	802.2	773.2	741.8	710.5	676.8	646.6	616.5	587.4	557.3	545.6	534.0
150°	779.0	754.6	729.1	701.2	673.3	645.5	618.8	592.1	565.4	555.0	544.5
152.5°	759.3	739.5	716.3	693.1	667.5	643.2	619.9	596.7	573.5	564.2	554.9
155°	740.7	723.3	704.7	682.6	660.6	640.8	621.1	601.4	581.6	572.9	564.2
157.5°	722.1	707.0	690.8	673.3	653.6	636.2	621.1	604.9	587.4	579.8	572.3
160°	703.5	690.8	678.0	662.9	646.6	632.7	621.1	607.2	593.2	586.8	580.5
162.5°	686.1	675.7	665.2	653.6	640.8	629.2	619.9	608.3	596.7	592.0	587.4
165°	668.7	660.6	652.5	643.2	632.7	624.6	617.6	609.5	599.0	595.6	592.1
167.5°	652.5	646.6	639.7	632.7	625.7	619.9	616.5	609.5	601.4	599.0	596.7
170°	638.5	633.9	630.4	624.6	619.9	616.5	614.1	608.3	602.5	600.8	599.0
172.5°	625.7	622.3	619.9	616.5	613.0	611.8	610.7	607.2	603.7	602.6	601.4
175°	615.3	614.1	613.0	609.5	608.3	607.2	608.3	606.0	603.7	603.1	602.5
177.5°	608.3	607.2	607.2	604.9	603.7	604.9	607.2	604.9	603.7	603.7	603.7
180°	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7

TEST NUMBER: P998404

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	967.7	967.7	967.7	967.7
2.5°	949.8	949.8	961.0	972.9
5°	929.0	934.2	952.1	968.4
7.5°	908.9	917.8	940.2	961.0
10°	884.4	896.3	923.8	948.3
12.5°	860.6	871.7	903.7	931.2
15°	827.1	841.2	875.5	909.7
17.5°	793.6	807.8	849.4	889.6
20°	754.2	772.8	819.7	873.2
22.5°	717.8	740.8	792.9	836.0
25°	677.6	713.3	761.6	817.4
27.5°	641.9	677.6	726.7	783.2
30°	601.7	638.2	688.8	740.8
32.5°	563.1	596.5	645.6	709.6
35°	522.9	554.9	602.5	667.2
37.5°	486.4	517.7	569.7	629.3
40°	450.7	483.5	528.1	587.6
42.5°	417.3	446.3	486.4	545.9
45°	386.8	407.6	444.8	500.6
47.5°	354.8	373.4	407.6	463.4
50°	325.0	340.7	370.4	422.5
52.5°	296.0	309.4	336.9	378.6
55°	270.0	282.6	302.7	343.6
57.5°	243.2	252.9	272.2	305.0
60°	217.2	226.1	241.7	268.5
62.5°	191.2	198.6	213.5	235.0
65°	168.1	174.0	185.2	203.8
67.5°	145.8	149.5	158.4	173.3
70°	124.2	127.2	134.6	146.5
72.5°	101.2	104.1	112.3	120.5
75°	81.8	82.6	88.5	95.2
77.5°	64.0	63.2	67.7	72.9
80°	43.9	46.1	49.8	52.1
82.5°	29.8	30.5	32.0	33.5
85°	16.4	17.1	17.1	19.3
87.5°	6.7	7.4	7.4	8.2
90°	11.6	9.3	4.6	1.2
92.5°	39.5	33.7	24.4	17.4
95°	67.3	56.9	45.3	40.6
97.5°	95.2	80.1	67.3	60.4
100°	121.9	103.3	92.9	89.4
102.5°	147.4	128.9	118.4	116.1
105°	171.8	154.4	146.3	141.6
107.5°	197.4	181.1	173.0	169.5
110°	224.1	209.0	202.0	197.4



TEST NUMBER: P998404

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	249.6	235.7	227.5	222.9
115°	276.3	262.4	255.4	249.6
117.5°	301.8	289.1	282.1	277.5
120°	325.1	314.6	307.7	303.0
122.5°	349.4	337.8	330.9	327.4
125°	372.7	358.7	351.8	348.3
127.5°	394.7	379.6	370.3	365.7
130°	413.3	397.0	385.4	380.8
132.5°	430.7	413.3	400.5	394.7
135°	444.6	427.2	413.3	408.7
137.5°	459.7	441.2	427.2	421.4
140°	473.7	455.1	441.2	436.5
142.5°	486.4	467.9	455.1	451.6
145°	500.4	483.0	471.3	466.7
147.5°	514.3	498.0	486.4	483.0
150°	527.1	512.0	502.7	499.2
152.5°	538.7	525.9	516.6	515.5
155°	551.4	538.7	531.7	530.6
157.5°	561.9	550.3	544.5	543.3
160°	571.2	561.9	557.3	556.1
162.5°	579.3	572.3	567.7	568.9
165°	586.3	579.3	577.0	578.2
167.5°	592.1	587.4	585.1	586.3
170°	596.7	593.2	592.1	594.4
172.5°	600.2	596.7	597.9	599.0
175°	602.5	600.2	601.4	602.5
177.5°	603.7	601.4	602.5	604.9
180°	603.7	603.7	603.7	603.7

TEST NUMBER: P998404

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-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	13.58	14.29	14.67	15.38	16.86	11.07	11.78	12.16	12.87	14.36
	3H	14.38	15.01	15.48	16.11	17.61	12.40	13.04	13.50	14.14	15.64
	4H	14.54	15.14	15.65	16.24	17.75	12.86	13.46	13.97	14.56	16.07
	6H	14.58	15.13	15.70	16.23	17.75	13.16	13.71	14.28	14.81	16.34
	8H	14.55	15.08	15.67	16.19	17.71	13.24	13.77	14.36	14.88	16.40
	12H	14.51	15.01	15.64	16.12	17.66	13.28	13.78	14.40	14.89	16.42
4H	2H	13.60	14.20	14.72	15.30	16.81	11.50	12.10	12.62	13.20	14.71
	3H	14.57	15.07	15.69	16.19	17.72	12.95	13.45	14.07	14.57	16.09
	4H	14.84	15.30	15.97	16.41	17.96	13.47	13.94	14.60	15.05	16.59
	6H	14.96	15.36	16.09	16.49	18.03	13.85	14.24	14.98	15.38	16.91
	8H	14.96	15.33	16.09	16.45	18.00	13.95	14.32	15.09	15.45	17.00
	12H	14.91	15.25	16.06	16.39	17.94	14.00	14.34	15.15	15.48	17.03
8H	4H	14.84	15.21	15.97	16.33	17.88	13.61	13.97	14.74	15.10	16.65
	6H	15.01	15.31	16.16	16.48	18.03	14.04	14.34	15.19	15.51	17.06
	8H	15.04	15.30	16.20	16.45	18.02	14.18	14.45	15.34	15.60	17.17
	12H	15.02	15.25	16.18	16.40	18.00	14.27	14.50	15.43	15.65	17.25
12H	4H	14.79	15.12	15.94	16.26	17.82	13.57	13.91	14.72	15.05	16.60
	6H	14.99	15.25	16.15	16.40	17.97	14.03	14.30	15.19	15.45	17.02
	8H	15.01	15.25	16.18	16.39	18.00	14.19	14.42	15.35	15.56	17.17