

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: P1010638

Luminaire Tested: S123DIP-B560D1195UB2750-4F0-XX-W2A-A_5000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1010638
REPORT IS A COMBINATION OF REPORTS P989992 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123DIP-B560D1195UB2750-4F0-XX-W2A-A_5000K
Description: Define 3 Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

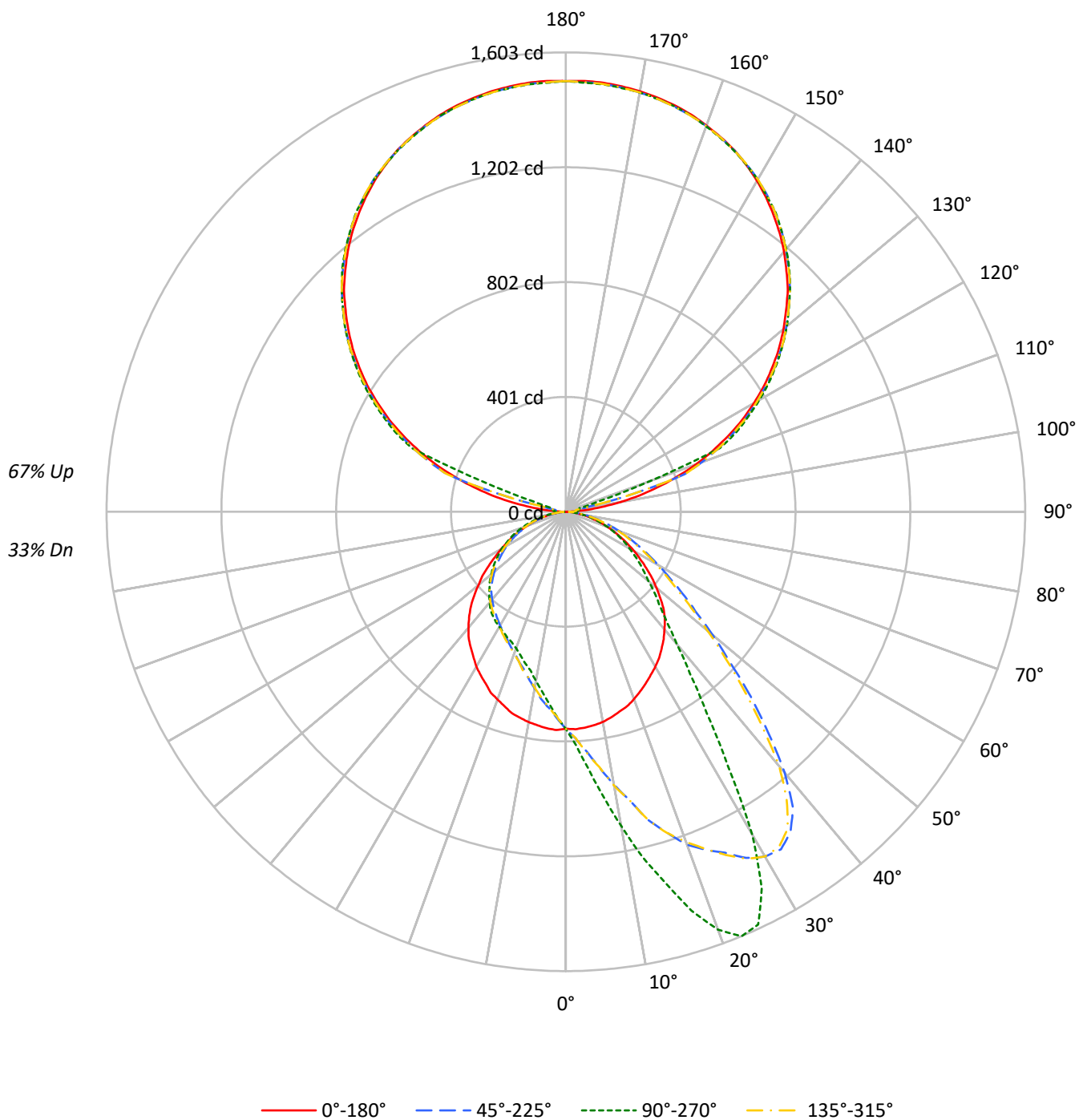
Lumens per Lamp: N/A
Luminaire Lumens: 6869.0 lumens
Efficiency: N/A
Efficacy: 116.4 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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



TEST NUMBER: P1010638

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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	50	30	10
RCR																				
0	103	103	103	103	93	93	93	93	74	74	74	57	57	57	41	41	41			33
1	94	90	86	83	85	81	78	75	65	63	61	50	49	47	36	36	35			28
2	86	79	73	68	77	71	66	62	57	54	51	44	42	40	32	31	30			24
3	78	69	62	57	70	63	57	52	51	46	43	39	36	34	29	27	25			21
4	72	61	54	48	64	56	49	44	45	40	36	35	32	29	26	24	22			18
5	66	55	47	41	59	50	43	38	40	35	31	31	28	25	23	21	19			16
6	61	49	41	36	54	45	38	33	36	31	27	28	25	22	21	19	17			14
7	56	44	36	31	50	40	33	29	33	28	24	26	22	19	19	17	15			12
8	52	40	32	27	47	36	30	25	30	25	21	23	20	17	18	15	13			11
9	48	36	29	24	43	33	27	22	27	22	19	22	18	15	16	14	12			10
10	45	33	26	22	41	30	24	20	25	20	17	20	16	14	15	13	11			9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8149	8149	8149	8149
5°	8155	9389	8179	7008
10°	8103	11363	8110	6120
15°	7991	13475	8055	5509
20°	7895	15514	7911	5068
25°	7751	15905	7768	4839
30°	7649	13141	7649	4689
35°	7523	8788	7475	4556
40°	7370	6344	7279	4353
45°	7179	5026	6973	4100
50°	6716	4267	6477	3852
55°	6208	3750	5956	3575
60°	5691	3266	5390	3284
65°	5125	2795	4876	2897
70°	4538	2321	4235	2442
75°	3880	1750	3629	1885
80°	3067	1168	2828	1238
85°	2113	536	1691	488

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 13142 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.5	1.1
10°-20°	239.1	3.5
20°-30°	402.4	5.9
30°-40°	454.7	6.6
40°-50°	407.3	5.9
50°-60°	328.8	4.8
60°-70°	229.1	3.3
70°-80°	120.2	1.8
80°-90°	31.8	0.5
90°-100°	53.0	0.8
100°-110°	256.2	3.7
110°-120°	627.8	9.1
120°-130°	797.0	11.6
130°-140°	851.4	12.4
140°-150°	796.2	11.6
150°-160°	642.2	9.3
160°-170°	414.4	6.0
170°-180°	142.8	2.1
0°-30°	716.0	10.4
0°-40°	1170.7	17.0
0°-60°	1906.8	27.8
0°-90°	2288.0	33.3
90°-120°	937.0	13.6
90°-150°	3381.6	49.2
90°-180°	4581.0	66.7
0°-180°	6869.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	757	757	757	757	757	
5°	756	899	759	671	756	72
15°	722	1339	728	547	722	204
25°	660	1589	662	483	660	305
35°	582	856	579	444	582	365
45°	483	462	470	377	483	370
55°	343	314	329	299	343	307
65°	212	204	202	211	212	211
75°	102	105	95	113	102	109
85°	22	24	18	22	22	25
90°	1	34	1	34	1	5
95°	68	42	68	42	68	81
105°	333	49	333	49	333	353
115°	624	656	624	656	624	616
125°	880	898	880	898	880	786
135°	1095	1106	1095	1106	1095	843
145°	1264	1276	1264	1276	1264	791
155°	1392	1390	1392	1390	1392	641
165°	1468	1465	1468	1465	1468	415
175°	1503	1497	1503	1497	1503	143
180°	1503	1503	1503	1503	1503	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1
2.5°	759.3	765.2	768.1	772.5	776.9	783.5	785.7	789.4	787.9	790.8	792.3
5°	756.4	766.6	775.4	786.4	796.7	804.0	811.4	823.1	831.9	833.4	840.0
7.5°	751.2	765.9	781.3	796.7	816.5	828.2	841.4	857.6	870.8	892.1	900.1
10°	744.6	765.2	787.2	808.4	835.6	853.9	870.1	897.2	924.3	946.4	966.9
12.5°	734.3	760.0	788.6	820.2	855.4	876.7	898.7	934.6	975.7	1009.4	1031.5
15°	721.9	754.1	790.8	824.6	863.5	903.1	926.5	966.9	1025.6	1057.1	1113.6
17.5°	711.6	744.6	781.3	834.1	886.9	926.5	943.4	1017.5	1057.9	1110.7	1174.5
20°	695.5	737.3	784.2	837.0	905.3	929.5	964.0	1038.8	1088.7	1157.6	1236.1
22.5°	678.6	723.3	779.8	834.8	911.1	936.8	983.8	1043.2	1122.4	1190.6	1277.2
25°	660.2	708.7	765.9	831.2	906.0	943.4	987.4	1060.8	1146.6	1232.5	1312.4
27.5°	641.9	694.7	754.1	819.4	892.1	936.1	980.1	1056.4	1166.4	1259.6	1361.6
30°	624.3	677.1	736.5	803.3	879.6	922.1	964.0	1059.3	1181.8	1286.7	1389.5
32.5°	605.2	659.5	721.9	777.6	854.7	900.1	947.1	1059.3	1191.4	1302.9	1396.8
35°	582.5	638.2	691.8	747.5	823.8	874.5	927.3	1052.0	1200.2	1308.0	1366.0
37.5°	560.5	609.6	655.8	710.1	790.1	844.4	905.3	1043.2	1195.8	1286.0	1302.2
40°	535.5	584.7	622.1	672.7	757.1	820.2	881.8	1031.5	1176.7	1233.9	1187.0
42.5°	511.3	550.2	582.5	631.6	723.3	785.0	851.7	1010.2	1139.3	1151.0	1045.4
45°	483.4	511.3	539.9	595.7	686.7	749.7	823.8	979.4	1079.1	1045.4	911.9
47.5°	447.5	472.4	504.0	555.3	647.8	713.1	783.5	939.8	991.8	921.4	775.4
50°	413.0	434.3	463.6	513.5	606.7	670.5	745.3	877.4	903.1	792.3	668.3
52.5°	378.5	394.7	423.3	473.2	566.3	628.0	696.2	813.6	798.9	680.1	570.0
55°	342.6	356.5	383.7	432.8	519.4	578.1	643.4	735.1	696.9	584.0	495.9
57.5°	307.4	322.1	349.9	391.0	472.4	529.7	581.8	653.6	596.4	506.2	428.4
60°	275.8	288.3	309.6	349.9	424.0	470.2	517.9	567.1	519.4	432.1	372.7
62.5°	242.8	254.6	274.4	311.0	374.9	416.0	454.1	494.5	441.6	377.8	325.0
65°	212.0	221.5	239.9	273.6	325.7	359.5	390.3	418.2	375.6	316.9	277.3
67.5°	184.1	192.2	207.6	237.7	281.7	305.9	330.9	354.3	318.4	271.4	237.7
70°	154.1	160.7	174.6	196.6	231.8	256.8	275.1	292.7	260.4	223.0	200.3
72.5°	127.6	134.3	143.1	165.8	190.0	205.4	225.2	234.8	216.4	185.6	162.9
75°	102.0	107.1	115.2	129.8	152.6	162.9	175.3	182.7	165.8	145.3	131.3
77.5°	80.0	82.2	88.0	98.3	113.7	125.4	135.0	139.4	127.6	114.4	102.7
80°	56.5	59.4	63.8	72.6	84.4	88.0	93.9	99.0	91.7	80.0	72.6
82.5°	37.4	41.1	43.3	47.0	54.3	58.7	60.2	64.6	58.0	53.6	50.6
85°	22.0	23.5	24.2	26.4	30.1	32.3	34.5	35.2	33.7	33.0	30.1
87.5°	11.0	11.0	11.0	12.5	13.2	14.7	15.4	15.4	15.4	14.7	13.9
90°	1.1	3.6	6.1	8.6	11.1	12.3	13.9	17.1	20.4	23.6	26.8
92.5°	25.7	24.2	22.7	21.2	19.7	19.0	20.1	22.3	24.6	26.8	29.0
95°	68.1	57.9	47.7	37.6	27.4	22.3	23.7	26.4	29.1	31.9	34.6
97.5°	123.9	117.0	110.0	103.1	96.2	92.7	86.4	73.7	61.0	48.4	35.7
100°	188.7	193.7	198.6	203.6	208.5	211.0	191.6	152.9	114.2	75.5	36.8
102.5°	262.4	265.6	268.8	272.1	275.3	276.9	255.3	212.1	169.0	125.8	82.6
105°	332.7	335.4	338.2	340.9	343.6	345.0	333.8	311.5	289.2	266.8	244.5
107.5°	407.5	409.7	411.9	414.2	416.4	417.5	419.4	423.1	426.8	430.6	434.3
110°	482.3	484.3	486.3	488.2	490.2	491.2	492.6	495.3	498.0	500.8	503.5

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	553.7	555.4	557.2	558.9	560.6	561.5	562.9	565.6	568.3	571.1	573.8
115°	624.1	625.6	627.1	628.6	630.1	630.8	631.9	634.1	636.4	638.6	640.8
117.5°	693.3	695.0	696.8	698.5	700.2	701.1	701.7	703.0	704.2	705.5	706.7
120°	756.9	759.1	761.4	763.6	765.9	767.0	767.4	768.1	768.8	769.6	770.3
122.5°	821.7	823.4	825.2	826.9	828.6	829.5	830.0	831.0	831.9	832.9	833.9
125°	879.7	881.7	883.7	885.6	887.6	888.6	889.1	890.1	891.1	892.1	893.1
127.5°	937.8	939.8	941.8	943.7	945.7	946.7	947.3	948.6	949.8	951.1	952.3
130°	991.4	993.4	995.4	997.3	999.3	1000.3	1000.8	1001.8	1002.8	1003.8	1004.8
132.5°	1042.7	1044.7	1046.7	1048.6	1050.6	1051.6	1052.0	1052.7	1053.5	1054.2	1055.0
135°	1095.2	1096.7	1098.2	1099.7	1101.2	1101.9	1102.4	1103.4	1104.3	1105.3	1106.3
137.5°	1139.8	1141.8	1143.8	1145.8	1147.8	1148.8	1149.0	1149.5	1150.0	1150.5	1151.0
140°	1184.5	1186.0	1187.5	1189.0	1190.5	1191.2	1191.6	1192.3	1193.0	1193.8	1194.5
142.5°	1225.8	1227.3	1228.8	1230.3	1231.8	1232.5	1232.9	1233.6	1234.3	1235.1	1235.8
145°	1263.8	1265.5	1267.3	1269.0	1270.7	1271.6	1271.8	1272.3	1272.8	1273.3	1273.8
147.5°	1300.6	1301.8	1303.1	1304.3	1305.6	1306.2	1306.4	1306.9	1307.4	1307.9	1308.4
150°	1334.1	1334.8	1335.6	1336.3	1337.0	1337.4	1337.7	1338.2	1338.7	1339.2	1339.7
152.5°	1364.2	1364.4	1364.7	1364.9	1365.2	1365.3	1365.4	1365.7	1366.0	1366.2	1366.5
155°	1392.1	1391.6	1391.1	1390.6	1390.1	1389.9	1390.0	1390.3	1390.5	1390.8	1391.0
157.5°	1414.5	1414.5	1414.5	1414.5	1414.5	1414.5	1414.4	1414.1	1413.9	1413.6	1413.4
160°	1434.6	1434.3	1434.1	1433.8	1433.5	1433.4	1433.3	1433.0	1432.8	1432.5	1432.3
162.5°	1453.5	1452.8	1452.0	1451.3	1450.6	1450.2	1450.1	1449.8	1449.6	1449.3	1449.1
165°	1468.1	1467.3	1466.6	1465.8	1465.1	1464.7	1464.6	1464.3	1464.1	1463.8	1463.6
167.5°	1480.3	1479.3	1478.3	1477.4	1476.4	1475.9	1475.9	1475.9	1475.9	1475.9	1475.9
170°	1490.4	1489.4	1488.4	1487.4	1486.4	1485.9	1485.9	1485.9	1485.9	1485.9	1485.9
172.5°	1497.1	1495.9	1494.6	1493.4	1492.1	1491.5	1491.6	1491.9	1492.1	1492.4	1492.6
175°	1502.7	1501.5	1500.2	1499.0	1497.7	1497.1	1497.2	1497.5	1497.7	1498.0	1498.2
177.5°	1504.9	1503.7	1502.4	1501.2	1499.9	1499.3	1499.4	1499.7	1499.9	1500.2	1500.4
180°	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1
2.5°	797.4	798.9	804.0	807.7	815.0	814.3	814.3	813.6	811.4	815.0	817.2
5°	853.2	865.7	867.1	883.3	884.0	890.6	895.0	891.3	900.1	899.4	892.8
7.5°	922.1	939.0	947.1	962.5	980.1	975.7	992.6	995.5	994.0	1001.4	1006.5
10°	997.7	1027.1	1047.6	1076.2	1083.5	1087.9	1098.9	1108.5	1127.6	1112.9	1122.4
12.5°	1084.3	1105.5	1132.7	1178.2	1200.9	1215.6	1220.7	1227.3	1240.5	1232.5	1233.2
15°	1156.9	1185.5	1231.7	1288.2	1294.8	1313.2	1308.8	1348.4	1367.4	1338.8	1355.0
17.5°	1232.5	1270.6	1325.6	1374.8	1402.7	1415.1	1426.9	1465.0	1463.5	1459.1	1462.8
20°	1280.9	1343.2	1411.5	1476.8	1484.8	1494.4	1525.9	1542.0	1539.1	1551.6	1559.7
22.5°	1349.1	1415.1	1487.8	1531.0	1549.4	1560.4	1585.3	1595.6	1600.0	1602.9	1597.8
25°	1406.3	1476.8	1530.3	1568.5	1579.5	1585.3	1593.4	1596.3	1594.1	1589.0	1593.4
27.5°	1445.2	1501.7	1538.4	1556.0	1550.1	1540.6	1525.2	1514.9	1492.2	1481.2	1494.4
30°	1461.3	1486.3	1497.3	1467.9	1438.6	1415.1	1385.8	1331.5	1288.9	1301.4	1284.5
32.5°	1435.7	1419.5	1366.7	1291.2	1268.4	1230.3	1147.4	1083.5	1085.7	1052.0	1065.9
35°	1360.1	1286.7	1187.0	1072.5	1042.5	1021.9	930.9	917.0	887.7	856.1	864.9
37.5°	1226.6	1119.5	998.4	914.1	869.3	824.6	773.2	742.4	724.8	711.6	721.9
40°	1063.7	933.1	833.4	757.8	719.7	691.1	655.8	625.0	605.2	603.0	606.7
42.5°	903.8	793.8	702.1	630.2	617.7	584.0	561.2	537.0	531.1	521.6	526.7
45°	765.2	675.7	600.1	541.4	526.7	517.9	490.1	474.6	468.0	462.2	471.0
47.5°	664.6	570.7	515.7	480.5	465.8	451.2	435.8	425.5	420.4	421.1	420.4
50°	567.8	498.9	450.4	423.3	414.5	404.2	391.7	385.1	382.9	376.3	381.5
52.5°	488.6	438.7	405.0	379.3	372.7	365.3	355.1	351.4	346.3	344.8	344.8
55°	424.8	385.9	358.7	341.9	333.8	327.9	322.1	317.7	314.0	314.0	314.0
57.5°	374.9	341.1	321.3	306.6	303.7	297.8	291.2	291.2	286.1	285.4	287.6
60°	332.3	302.2	286.8	274.4	270.0	268.5	261.9	261.9	260.4	256.8	259.7
62.5°	289.0	267.0	253.8	244.3	239.9	239.9	234.8	231.1	231.1	231.8	230.4
65°	249.4	233.3	221.5	214.2	212.0	209.1	208.3	205.4	203.2	203.9	203.2
67.5°	214.2	201.7	193.7	187.8	184.1	182.7	180.5	180.5	179.0	179.7	176.1
70°	182.7	170.2	163.6	157.7	156.3	156.3	153.3	154.1	152.6	154.8	153.3
72.5°	150.4	140.9	135.7	133.5	132.0	131.3	129.8	128.4	127.6	129.1	128.4
75°	121.8	113.7	110.0	108.6	107.1	107.1	106.4	105.6	104.9	104.9	104.9
77.5°	94.6	89.5	85.1	86.6	84.4	85.1	82.9	82.9	83.6	82.9	82.9
80°	69.7	66.0	66.0	64.6	61.6	63.1	63.1	60.9	60.2	61.6	59.4
82.5°	46.2	45.5	44.0	43.3	41.8	42.5	41.8	41.1	40.3	41.8	40.3
85°	27.1	27.1	26.4	24.9	26.4	25.7	24.9	24.9	24.2	24.2	24.2
87.5°	13.9	12.5	12.5	11.7	12.5	11.0	11.7	11.0	10.3	11.0	10.3
90°	27.8	28.8	29.8	30.8	31.3	31.5	32.0	32.5	33.0	33.5	33.0
92.5°	30.7	32.5	34.2	35.9	36.8	36.9	37.2	37.5	37.7	38.0	37.7
95°	36.3	38.1	39.8	41.5	42.4	42.4	42.4	42.4	42.4	42.4	42.4
97.5°	37.7	39.7	41.7	43.7	44.7	44.8	45.1	45.3	45.6	45.8	45.6
100°	38.8	40.8	42.8	44.8	45.8	45.9	46.2	46.4	46.7	46.9	46.7
102.5°	74.4	66.2	58.1	49.9	45.8	46.0	46.5	47.0	47.5	48.0	47.5
105°	200.6	156.7	112.8	68.9	46.9	47.1	47.6	48.1	48.6	49.1	48.6
107.5°	396.1	357.9	319.7	281.5	262.4	246.1	213.6	181.1	148.6	116.1	148.6
110°	495.3	487.1	479.0	470.8	466.7	449.0	413.5	378.0	342.5	307.0	342.5

TEST NUMBER: P1010638

CATALOG NUMBER: S123DIP-B560D1195UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	576.0	578.3	580.5	582.8	583.9	583.6	583.1	582.6	582.1	581.6	582.1
115°	643.3	645.8	648.3	650.8	652.0	652.5	653.5	654.4	655.4	656.4	655.4
117.5°	708.7	710.7	712.6	714.6	715.6	715.7	716.0	716.2	716.5	716.7	716.5
120°	772.3	774.3	776.2	778.2	779.2	779.2	779.2	779.2	779.2	779.2	779.2
122.5°	835.1	836.4	837.6	838.9	839.5	839.6	839.9	840.1	840.4	840.6	840.4
125°	893.6	894.1	894.6	895.1	895.3	895.6	896.1	896.6	897.1	897.6	897.1
127.5°	953.0	953.8	954.5	955.2	955.6	955.4	954.9	954.4	953.9	953.4	953.9
130°	1005.8	1006.8	1007.7	1008.7	1009.2	1009.0	1008.5	1008.0	1007.5	1007.0	1007.5
132.5°	1056.0	1057.0	1058.0	1059.0	1059.5	1059.1	1058.4	1057.6	1056.9	1056.1	1056.9
135°	1107.1	1107.8	1108.6	1109.3	1109.7	1109.3	1108.6	1107.8	1107.1	1106.3	1107.1
137.5°	1152.2	1153.5	1154.7	1156.0	1156.6	1156.3	1155.8	1155.3	1154.8	1154.3	1154.8
140°	1195.5	1196.5	1197.5	1198.5	1199.0	1198.8	1198.3	1197.8	1197.3	1196.8	1197.3
142.5°	1236.6	1237.3	1238.1	1238.8	1239.2	1238.8	1238.1	1237.3	1236.6	1235.8	1236.6
145°	1274.3	1274.8	1275.3	1275.8	1276.0	1276.0	1276.0	1276.0	1276.0	1276.0	1276.0
147.5°	1308.9	1309.4	1309.9	1310.4	1310.6	1310.0	1308.8	1307.5	1306.3	1305.1	1306.3
150°	1340.2	1340.7	1341.2	1341.7	1341.9	1341.5	1340.8	1340.1	1339.3	1338.6	1339.3
152.5°	1367.5	1368.5	1369.4	1370.4	1370.9	1370.3	1369.0	1367.8	1366.5	1365.3	1366.5
155°	1392.2	1393.5	1394.7	1396.0	1396.6	1395.9	1394.4	1392.9	1391.4	1389.9	1391.4
157.5°	1414.9	1416.4	1417.9	1419.4	1420.1	1419.1	1417.1	1415.1	1413.1	1411.1	1413.1
160°	1433.8	1435.3	1436.8	1438.3	1439.0	1438.1	1436.4	1434.7	1432.9	1431.2	1432.9
162.5°	1450.8	1452.6	1454.3	1456.0	1456.9	1456.2	1454.7	1453.2	1451.7	1450.2	1451.7
165°	1465.6	1467.6	1469.5	1471.5	1472.5	1471.6	1469.9	1468.2	1466.4	1464.7	1466.4
167.5°	1477.9	1479.9	1481.8	1483.8	1484.8	1483.8	1481.8	1479.9	1477.9	1475.9	1477.9
170°	1487.9	1489.9	1491.8	1493.8	1494.8	1493.8	1491.8	1489.9	1487.9	1485.9	1487.9
172.5°	1494.6	1496.6	1498.5	1500.5	1501.5	1500.4	1498.2	1495.9	1493.7	1491.5	1493.7
175°	1499.9	1501.7	1503.4	1505.1	1506.0	1505.0	1503.0	1501.1	1499.1	1497.1	1499.1
177.5°	1502.4	1504.4	1506.4	1508.4	1509.4	1508.2	1505.7	1503.2	1500.7	1498.2	1500.7
180°	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7

TEST NUMBER: P1010638

CATALOG NUMBER: S123DIP-B560D1195UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1
2.5°	811.4	813.6	807.7	806.2	806.2	809.2	807.0	787.2	790.8	786.4	785.0
5°	900.9	896.5	890.6	887.7	884.0	873.7	873.0	850.3	845.9	831.2	824.6
7.5°	999.2	995.5	977.9	975.7	974.2	964.7	940.5	916.3	898.7	881.8	865.7
10°	1111.4	1100.4	1092.3	1076.2	1068.1	1054.9	1023.4	1000.6	970.6	944.9	911.1
12.5°	1246.4	1233.9	1206.8	1195.0	1184.8	1148.1	1116.6	1090.9	1032.2	1014.6	972.8
15°	1345.4	1319.0	1316.1	1290.4	1288.9	1248.6	1188.4	1160.6	1115.1	1050.5	1007.2
17.5°	1452.5	1429.1	1410.7	1379.9	1375.5	1337.4	1293.4	1225.1	1175.2	1113.6	1058.6
20°	1531.0	1518.6	1487.0	1474.6	1448.9	1416.6	1371.1	1286.7	1225.9	1164.2	1096.7
22.5°	1593.4	1580.9	1556.0	1539.1	1524.4	1482.6	1428.3	1356.4	1272.8	1192.1	1122.4
25°	1592.7	1589.0	1578.7	1570.7	1559.7	1528.8	1483.4	1414.4	1321.2	1232.5	1135.6
27.5°	1502.4	1512.7	1530.3	1539.1	1536.9	1532.5	1506.8	1448.9	1365.2	1259.6	1151.0
30°	1314.6	1352.0	1385.1	1429.1	1442.3	1474.6	1489.2	1456.2	1389.5	1291.2	1170.8
32.5°	1090.1	1144.4	1216.3	1240.5	1282.3	1344.7	1414.4	1426.9	1385.1	1309.5	1183.3
35°	894.3	939.0	994.8	1032.9	1070.3	1171.6	1259.6	1335.9	1349.8	1300.0	1180.4
37.5°	740.2	771.8	820.9	853.2	887.7	974.2	1097.5	1196.5	1266.2	1267.7	1172.3
40°	628.7	642.6	685.2	708.7	741.7	816.5	926.5	1055.7	1157.6	1204.6	1151.0
42.5°	532.6	550.9	586.2	603.8	625.0	690.3	763.0	885.5	1011.6	1112.1	1111.4
45°	475.4	488.6	504.7	519.4	543.6	582.5	665.4	757.1	878.1	991.8	1036.6
47.5°	424.8	437.2	453.4	457.8	473.9	510.6	561.2	641.2	754.1	867.1	951.5
50°	382.2	392.5	403.5	411.6	418.9	449.0	487.1	554.6	644.8	754.1	859.1
52.5°	349.2	356.5	366.1	370.5	377.1	399.1	428.4	478.3	552.4	652.2	754.1
55°	318.4	323.5	329.4	336.7	339.7	355.8	378.5	421.1	476.1	565.6	662.4
57.5°	289.8	292.0	295.6	300.0	303.7	317.7	337.5	366.1	414.5	483.4	575.1
60°	257.5	263.4	265.6	270.0	272.2	283.2	298.6	322.8	360.2	419.6	488.6
62.5°	230.4	234.0	237.7	239.9	245.0	248.7	261.2	283.2	314.0	358.0	420.4
65°	206.1	207.6	209.8	212.0	213.5	217.9	229.6	244.3	267.8	306.6	355.1
67.5°	178.3	179.7	182.7	183.4	184.9	190.7	197.3	209.8	229.6	259.0	298.6
70°	151.1	153.3	154.8	156.3	158.5	160.7	168.0	178.3	193.7	214.2	245.0
72.5°	127.6	129.8	129.8	131.3	130.6	133.5	140.9	148.2	158.5	175.3	202.5
75°	104.2	104.2	105.6	106.4	107.1	110.0	113.0	118.8	126.9	140.1	157.0
77.5°	82.2	81.4	82.9	82.9	82.9	85.1	88.0	91.0	96.1	105.6	118.8
80°	60.2	60.2	61.6	62.4	60.9	61.6	63.1	66.0	69.7	76.3	83.6
82.5°	39.6	42.5	41.8	42.5	41.8	43.3	44.0	44.8	46.2	49.2	54.3
85°	24.2	24.2	24.2	24.9	24.2	24.9	24.9	24.9	25.7	27.1	29.3
87.5°	10.3	10.3	10.3	11.0	10.3	10.3	11.0	10.3	11.0	11.0	11.7
90°	32.5	32.0	31.5	31.3	30.8	29.8	28.8	27.8	26.8	23.6	20.4
92.5°	37.5	37.2	36.9	36.8	35.9	34.2	32.5	30.7	29.0	26.8	24.6
95°	42.4	42.4	42.4	42.4	41.5	39.8	38.1	36.3	34.6	31.9	29.1
97.5°	45.3	45.1	44.8	44.7	43.7	41.7	39.7	37.7	35.7	48.4	61.0
100°	46.4	46.2	45.9	45.8	44.8	42.8	40.8	38.8	36.8	75.5	114.2
102.5°	47.0	46.5	46.0	45.8	49.9	58.1	66.2	74.4	82.6	125.8	169.0
105°	48.1	47.6	47.1	46.9	68.9	112.8	156.7	200.6	244.5	266.8	289.2
107.5°	181.1	213.6	246.1	262.4	281.5	319.7	357.9	396.1	434.3	430.6	426.8
110°	378.0	413.5	449.0	466.7	470.8	479.0	487.1	495.3	503.5	500.8	498.0

TEST NUMBER: P1010638

CATALOG NUMBER: S123DIP-B560D1195UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	582.6	583.1	583.6	583.9	582.8	580.5	578.3	576.0	573.8	571.1	568.3
115°	654.4	653.5	652.5	652.0	650.8	648.3	645.8	643.3	640.8	638.6	636.4
117.5°	716.2	716.0	715.7	715.6	714.6	712.6	710.7	708.7	706.7	705.5	704.2
120°	779.2	779.2	779.2	779.2	778.2	776.2	774.3	772.3	770.3	769.6	768.8
122.5°	840.1	839.9	839.6	839.5	838.9	837.6	836.4	835.1	833.9	832.9	831.9
125°	896.6	896.1	895.6	895.3	895.1	894.6	894.1	893.6	893.1	892.1	891.1
127.5°	954.4	954.9	955.4	955.6	955.2	954.5	953.8	953.0	952.3	951.1	949.8
130°	1008.0	1008.5	1009.0	1009.2	1008.7	1007.7	1006.8	1005.8	1004.8	1003.8	1002.8
132.5°	1057.6	1058.4	1059.1	1059.5	1059.0	1058.0	1057.0	1056.0	1055.0	1054.2	1053.5
135°	1107.8	1108.6	1109.3	1109.7	1109.3	1108.6	1107.8	1107.1	1106.3	1105.3	1104.3
137.5°	1155.3	1155.8	1156.3	1156.6	1156.0	1154.7	1153.5	1152.2	1151.0	1150.5	1150.0
140°	1197.8	1198.3	1198.8	1199.0	1198.5	1197.5	1196.5	1195.5	1194.5	1193.8	1193.0
142.5°	1237.3	1238.1	1238.8	1239.2	1238.8	1238.1	1237.3	1236.6	1235.8	1235.1	1234.3
145°	1276.0	1276.0	1276.0	1276.0	1275.8	1275.3	1274.8	1274.3	1273.8	1273.3	1272.8
147.5°	1307.5	1308.8	1310.0	1310.6	1310.4	1309.9	1309.4	1308.9	1308.4	1307.9	1307.4
150°	1340.1	1340.8	1341.5	1341.9	1341.7	1341.2	1340.7	1340.2	1339.7	1339.2	1338.7
152.5°	1367.8	1369.0	1370.3	1370.9	1370.4	1369.4	1368.5	1367.5	1366.5	1366.2	1366.0
155°	1392.9	1394.4	1395.9	1396.6	1396.0	1394.7	1393.5	1392.2	1391.0	1390.8	1390.5
157.5°	1415.1	1417.1	1419.1	1420.1	1419.4	1417.9	1416.4	1414.9	1413.4	1413.6	1413.9
160°	1434.7	1436.4	1438.1	1439.0	1438.3	1436.8	1435.3	1433.8	1432.3	1432.5	1432.8
162.5°	1453.2	1454.7	1456.2	1456.9	1456.0	1454.3	1452.6	1450.8	1449.1	1449.3	1449.6
165°	1468.2	1469.9	1471.6	1472.5	1471.5	1469.5	1467.6	1465.6	1463.6	1463.8	1464.1
167.5°	1479.9	1481.8	1483.8	1484.8	1483.8	1481.8	1479.9	1477.9	1475.9	1475.9	1475.9
170°	1489.9	1491.8	1493.8	1494.8	1493.8	1491.8	1489.9	1487.9	1485.9	1485.9	1485.9
172.5°	1495.9	1498.2	1500.4	1501.5	1500.5	1498.5	1496.6	1494.6	1492.6	1492.4	1492.1
175°	1501.1	1503.0	1505.0	1506.0	1505.1	1503.4	1501.7	1499.9	1498.2	1498.0	1497.7
177.5°	1503.2	1505.7	1508.2	1509.4	1508.4	1506.4	1504.4	1502.4	1500.4	1500.2	1499.9
180°	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7

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CATALOG NUMBER: S123DIP-B560D1195UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1
2.5°	777.6	775.4	775.4	774.0	769.6	761.5	760.8	762.2	757.8	753.4	746.8
5°	815.8	801.8	797.4	793.0	784.2	769.6	763.7	758.6	750.5	740.9	730.7
7.5°	848.1	828.2	822.4	814.3	796.7	776.2	763.0	751.9	740.9	727.7	715.3
10°	888.4	859.8	845.9	834.1	809.9	781.3	761.5	745.3	727.7	711.6	695.5
12.5°	933.9	887.7	883.3	854.7	826.8	784.2	760.0	736.5	713.1	693.3	676.4
15°	972.0	921.4	903.1	884.0	830.4	777.6	754.1	727.7	700.6	679.3	654.4
17.5°	996.2	954.4	915.5	889.9	834.1	787.2	741.7	711.6	683.0	653.6	633.1
20°	1025.6	964.7	930.9	896.5	841.4	779.8	734.3	696.9	661.7	635.3	610.4
22.5°	1054.9	972.8	944.9	907.5	842.9	772.5	721.1	683.7	643.4	617.0	589.8
25°	1052.0	984.5	938.3	906.7	828.2	765.9	705.7	661.7	624.3	590.6	563.4
27.5°	1054.2	971.3	924.3	887.7	818.0	756.4	689.6	643.4	604.5	569.3	540.7
30°	1054.9	951.5	910.4	866.4	798.9	733.6	671.3	624.3	583.2	545.1	519.4
32.5°	1052.7	935.4	884.0	844.4	768.8	711.6	650.0	600.1	558.3	523.1	498.9
35°	1047.6	916.3	856.9	807.0	738.0	680.1	630.2	578.8	534.1	501.8	473.9
37.5°	1033.7	895.7	828.2	779.1	702.1	643.4	599.4	556.8	513.5	475.4	451.9
40°	1023.4	867.9	799.6	746.1	663.2	606.0	569.3	528.9	486.4	451.9	429.2
42.5°	999.9	841.4	770.3	706.5	625.0	566.3	531.9	499.6	462.9	429.2	408.6
45°	961.8	812.8	734.3	669.8	583.2	527.5	495.9	469.5	437.2	405.0	384.4
47.5°	908.2	771.8	696.2	631.6	542.1	485.6	454.1	434.3	408.6	381.5	363.9
50°	850.3	727.0	657.3	593.5	502.5	447.5	416.7	398.3	381.5	356.5	339.7
52.5°	774.7	679.3	612.6	551.7	460.0	407.2	380.0	366.8	349.2	331.6	316.9
55°	701.3	617.7	562.7	504.7	418.2	369.0	342.6	328.7	318.4	303.7	292.0
57.5°	616.2	560.5	509.9	457.0	379.3	334.5	309.6	292.7	286.1	279.5	268.5
60°	537.7	495.2	454.1	410.1	338.9	298.6	274.4	261.2	254.6	250.2	242.8
62.5°	465.8	432.8	397.6	362.4	297.8	261.2	242.8	229.6	223.8	223.0	216.4
65°	396.9	373.4	344.8	310.3	259.7	227.4	209.8	201.7	195.1	195.1	190.0
67.5°	327.9	311.8	289.0	264.8	225.2	195.1	179.0	171.7	168.0	168.0	164.3
70°	272.9	261.9	241.4	220.1	185.6	162.9	150.4	143.8	141.6	142.3	139.4
72.5°	221.5	209.8	192.9	177.5	151.9	135.0	126.2	118.8	115.2	115.9	115.2
75°	171.7	165.8	151.1	139.4	118.8	107.1	99.0	95.4	92.4	93.2	91.7
77.5°	129.1	120.3	112.2	104.2	91.7	82.2	75.6	71.9	69.7	69.7	69.7
80°	88.0	86.6	80.0	75.6	65.3	58.0	52.8	52.1	49.9	49.9	49.9
82.5°	57.2	53.6	49.9	47.0	41.1	36.7	34.5	33.0	32.3	31.5	33.0
85°	31.5	29.3	27.9	24.9	22.7	20.5	18.3	17.6	16.9	17.6	16.9
87.5°	12.5	10.3	10.3	9.5	8.8	8.1	8.1	6.6	6.6	5.9	5.9
90°	17.1	13.9	12.3	11.1	8.6	6.1	3.6	1.1	3.6	6.1	8.6
92.5°	22.3	20.1	19.0	19.7	21.2	22.7	24.2	25.7	24.2	22.7	21.2
95°	26.4	23.7	22.3	27.4	37.6	47.7	57.9	68.1	57.9	47.7	37.6
97.5°	73.7	86.4	92.7	96.2	103.1	110.0	117.0	123.9	117.0	110.0	103.1
100°	152.9	191.6	211.0	208.5	203.6	198.6	193.7	188.7	193.7	198.6	203.6
102.5°	212.1	255.3	276.9	275.3	272.1	268.8	265.6	262.4	265.6	268.8	272.1
105°	311.5	333.8	345.0	343.6	340.9	338.2	335.4	332.7	335.4	338.2	340.9
107.5°	423.1	419.4	417.5	416.4	414.2	411.9	409.7	407.5	409.7	411.9	414.2
110°	495.3	492.6	491.2	490.2	488.2	486.3	484.3	482.3	484.3	486.3	488.2

TEST NUMBER: P1010638

CATALOG NUMBER: S123DIP-B560D1195UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	565.6	562.9	561.5	560.6	558.9	557.2	555.4	553.7	555.4	557.2	558.9
115°	634.1	631.9	630.8	630.1	628.6	627.1	625.6	624.1	625.6	627.1	628.6
117.5°	703.0	701.7	701.1	700.2	698.5	696.8	695.0	693.3	695.0	696.8	698.5
120°	768.1	767.4	767.0	765.9	763.6	761.4	759.1	756.9	759.1	761.4	763.6
122.5°	831.0	830.0	829.5	828.6	826.9	825.2	823.4	821.7	823.4	825.2	826.9
125°	890.1	889.1	888.6	887.6	885.6	883.7	881.7	879.7	881.7	883.7	885.6
127.5°	948.6	947.3	946.7	945.7	943.7	941.8	939.8	937.8	939.8	941.8	943.7
130°	1001.8	1000.8	1000.3	999.3	997.3	995.4	993.4	991.4	993.4	995.4	997.3
132.5°	1052.7	1052.0	1051.6	1050.6	1048.6	1046.7	1044.7	1042.7	1044.7	1046.7	1048.6
135°	1103.4	1102.4	1101.9	1101.2	1099.7	1098.2	1096.7	1095.2	1096.7	1098.2	1099.7
137.5°	1149.5	1149.0	1148.8	1147.8	1145.8	1143.8	1141.8	1139.8	1141.8	1143.8	1145.8
140°	1192.3	1191.6	1191.2	1190.5	1189.0	1187.5	1186.0	1184.5	1186.0	1187.5	1189.0
142.5°	1233.6	1232.9	1232.5	1231.8	1230.3	1228.8	1227.3	1225.8	1227.3	1228.8	1230.3
145°	1272.3	1271.8	1271.6	1270.7	1269.0	1267.3	1265.5	1263.8	1265.5	1267.3	1269.0
147.5°	1306.9	1306.4	1306.2	1305.6	1304.3	1303.1	1301.8	1300.6	1301.8	1303.1	1304.3
150°	1338.2	1337.7	1337.4	1337.0	1336.3	1335.6	1334.8	1334.1	1334.8	1335.6	1336.3
152.5°	1365.7	1365.4	1365.3	1365.2	1364.9	1364.7	1364.4	1364.2	1364.4	1364.7	1364.9
155°	1390.3	1390.0	1389.9	1390.1	1390.6	1391.1	1391.6	1392.1	1391.6	1391.1	1390.6
157.5°	1414.1	1414.4	1414.5	1414.5	1414.5	1414.5	1414.5	1414.5	1414.5	1414.5	1414.5
160°	1433.0	1433.3	1433.4	1433.5	1433.8	1434.1	1434.3	1434.6	1434.3	1434.1	1433.8
162.5°	1449.8	1450.1	1450.2	1450.6	1451.3	1452.0	1452.8	1453.5	1452.8	1452.0	1451.3
165°	1464.3	1464.6	1464.7	1465.1	1465.8	1466.6	1467.3	1468.1	1467.3	1466.6	1465.8
167.5°	1475.9	1475.9	1475.9	1476.4	1477.4	1478.3	1479.3	1480.3	1479.3	1478.3	1477.4
170°	1485.9	1485.9	1485.9	1486.4	1487.4	1488.4	1489.4	1490.4	1489.4	1488.4	1487.4
172.5°	1491.9	1491.6	1491.5	1492.1	1493.4	1494.6	1495.9	1497.1	1495.9	1494.6	1493.4
175°	1497.5	1497.2	1497.1	1497.7	1499.0	1500.2	1501.5	1502.7	1501.5	1500.2	1499.0
177.5°	1499.7	1499.4	1499.3	1499.9	1501.2	1502.4	1503.7	1504.9	1503.7	1502.4	1501.2
180°	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1
2.5°	745.3	744.6	746.1	741.7	734.3	730.7	720.4	718.2	717.5	718.2	718.9
5°	724.8	724.1	721.9	714.5	705.7	699.1	686.7	685.9	681.5	677.1	679.3
7.5°	705.0	702.1	697.7	688.1	676.4	669.1	658.8	651.4	645.6	641.9	639.0
10°	685.2	680.8	676.4	663.9	649.2	638.2	625.8	619.9	613.3	610.4	607.4
12.5°	659.5	655.1	647.0	632.4	623.6	609.6	597.2	591.3	587.6	581.8	578.1
15°	639.0	630.2	625.8	610.4	592.0	590.6	567.8	566.3	559.0	559.0	553.1
17.5°	615.5	608.9	600.8	585.4	572.2	559.0	547.3	542.9	536.3	534.8	531.9
20°	592.8	584.0	581.0	565.6	551.7	535.5	523.1	518.7	515.7	512.8	515.0
22.5°	569.3	561.9	554.6	540.7	530.4	514.3	506.9	502.5	498.1	496.7	497.4
25°	546.5	539.9	532.6	518.7	507.7	494.5	487.8	485.6	483.4	483.4	482.7
27.5°	524.5	517.9	511.3	498.9	487.8	478.3	473.2	471.0	468.8	470.2	471.7
30°	501.8	495.9	490.1	479.0	470.2	461.4	458.5	457.0	456.3	460.0	460.0
32.5°	481.2	476.1	471.7	461.4	452.6	445.3	443.1	443.8	444.6	446.8	448.2
35°	460.0	456.3	451.9	443.1	435.8	429.2	429.9	429.9	431.4	435.0	438.0
37.5°	440.9	435.8	432.1	424.8	418.9	413.0	415.2	417.4	418.9	423.3	424.8
40°	418.2	416.0	413.0	405.7	400.6	399.8	400.6	402.0	405.0	407.2	409.4
42.5°	399.8	396.9	393.2	387.3	382.9	383.7	384.4	385.9	387.3	391.0	393.2
45°	379.3	377.1	374.1	369.0	365.3	366.1	366.8	366.8	368.3	372.7	374.1
47.5°	356.5	357.3	353.6	348.5	346.3	346.3	346.3	347.7	351.4	352.9	353.6
50°	334.5	333.1	332.3	327.2	325.7	325.0	325.7	326.5	331.6	330.9	333.1
52.5°	311.0	311.0	310.3	307.4	305.2	305.2	303.7	307.4	308.8	310.3	312.5
55°	288.3	286.1	285.4	283.9	281.0	280.2	281.7	286.1	287.6	289.0	291.2
57.5°	263.4	263.4	261.9	259.7	259.7	259.7	259.7	262.6	264.8	266.3	270.7
60°	240.6	237.7	235.5	235.5	235.5	234.8	239.2	239.2	243.6	244.3	245.8
62.5°	213.5	212.0	210.5	211.3	210.5	212.0	213.5	216.4	217.1	219.3	221.5
65°	187.8	187.8	186.3	190.7	187.8	187.8	191.5	191.5	192.9	195.1	198.1
67.5°	162.9	163.6	162.1	162.1	163.6	164.3	165.1	168.0	168.7	171.7	175.3
70°	137.2	138.7	139.4	137.9	139.4	140.9	142.3	143.1	146.0	147.5	149.7
72.5°	114.4	115.9	113.7	114.4	115.2	116.6	117.4	118.8	120.3	124.7	126.2
75°	91.7	91.0	90.2	93.2	91.7	94.6	95.4	95.4	96.8	100.5	102.0
77.5°	70.4	70.4	71.2	69.7	71.9	71.2	71.9	74.1	76.3	76.3	82.2
80°	49.2	50.6	50.6	50.6	51.4	52.1	50.6	54.3	55.0	55.0	57.2
82.5°	31.5	32.3	31.5	33.0	33.0	34.5	33.7	34.5	35.9	37.4	38.1
85°	16.9	16.9	18.3	18.3	17.6	18.3	17.6	18.3	19.8	19.8	20.5
87.5°	5.9	5.9	5.9	5.9	6.6	5.9	6.6	6.6	5.9	5.9	8.1
90°	11.1	12.3	13.9	17.1	20.4	23.6	26.8	27.8	28.8	29.8	30.8
92.5°	19.7	19.0	20.1	22.3	24.6	26.8	29.0	30.7	32.5	34.2	35.9
95°	27.4	22.3	23.7	26.4	29.1	31.9	34.6	36.3	38.1	39.8	41.5
97.5°	96.2	92.7	86.4	73.7	61.0	48.4	35.7	37.7	39.7	41.7	43.7
100°	208.5	211.0	191.6	152.9	114.2	75.5	36.8	38.8	40.8	42.8	44.8
102.5°	275.3	276.9	255.3	212.1	169.0	125.8	82.6	74.4	66.2	58.1	49.9
105°	343.6	345.0	333.8	311.5	289.2	266.8	244.5	200.6	156.7	112.8	68.9
107.5°	416.4	417.5	419.4	423.1	426.8	430.6	434.3	396.1	357.9	319.7	281.5
110°	490.2	491.2	492.6	495.3	498.0	500.8	503.5	495.3	487.1	479.0	470.8

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	560.6	561.5	562.9	565.6	568.3	571.1	573.8	576.0	578.3	580.5	582.8
115°	630.1	630.8	631.9	634.1	636.4	638.6	640.8	643.3	645.8	648.3	650.8
117.5°	700.2	701.1	701.7	703.0	704.2	705.5	706.7	708.7	710.7	712.6	714.6
120°	765.9	767.0	767.4	768.1	768.8	769.6	770.3	772.3	774.3	776.2	778.2
122.5°	828.6	829.5	830.0	831.0	831.9	832.9	833.9	835.1	836.4	837.6	838.9
125°	887.6	888.6	889.1	890.1	891.1	892.1	893.1	893.6	894.1	894.6	895.1
127.5°	945.7	946.7	947.3	948.6	949.8	951.1	952.3	953.0	953.8	954.5	955.2
130°	999.3	1000.3	1000.8	1001.8	1002.8	1003.8	1004.8	1005.8	1006.8	1007.7	1008.7
132.5°	1050.6	1051.6	1052.0	1052.7	1053.5	1054.2	1055.0	1056.0	1057.0	1058.0	1059.0
135°	1101.2	1101.9	1102.4	1103.4	1104.3	1105.3	1106.3	1107.1	1107.8	1108.6	1109.3
137.5°	1147.8	1148.8	1149.0	1149.5	1150.0	1150.5	1151.0	1152.2	1153.5	1154.7	1156.0
140°	1190.5	1191.2	1191.6	1192.3	1193.0	1193.8	1194.5	1195.5	1196.5	1197.5	1198.5
142.5°	1231.8	1232.5	1232.9	1233.6	1234.3	1235.1	1235.8	1236.6	1237.3	1238.1	1238.8
145°	1270.7	1271.6	1271.8	1272.3	1272.8	1273.3	1273.8	1274.3	1274.8	1275.3	1275.8
147.5°	1305.6	1306.2	1306.4	1306.9	1307.4	1307.9	1308.4	1308.9	1309.4	1309.9	1310.4
150°	1337.0	1337.4	1337.7	1338.2	1338.7	1339.2	1339.7	1340.2	1340.7	1341.2	1341.7
152.5°	1365.2	1365.3	1365.4	1365.7	1366.0	1366.2	1366.5	1367.5	1368.5	1369.4	1370.4
155°	1390.1	1389.9	1390.0	1390.3	1390.5	1390.8	1391.0	1392.2	1393.5	1394.7	1396.0
157.5°	1414.5	1414.5	1414.4	1414.1	1413.9	1413.6	1413.4	1414.9	1416.4	1417.9	1419.4
160°	1433.5	1433.4	1433.3	1433.0	1432.8	1432.5	1432.3	1433.8	1435.3	1436.8	1438.3
162.5°	1450.6	1450.2	1450.1	1449.8	1449.6	1449.3	1449.1	1450.8	1452.6	1454.3	1456.0
165°	1465.1	1464.7	1464.6	1464.3	1464.1	1463.8	1463.6	1465.6	1467.6	1469.5	1471.5
167.5°	1476.4	1475.9	1475.9	1475.9	1475.9	1475.9	1475.9	1477.9	1479.9	1481.8	1483.8
170°	1486.4	1485.9	1485.9	1485.9	1485.9	1485.9	1485.9	1487.9	1489.9	1491.8	1493.8
172.5°	1492.1	1491.5	1491.6	1491.9	1492.1	1492.4	1492.6	1494.6	1496.6	1498.5	1500.5
175°	1497.7	1497.1	1497.2	1497.5	1497.7	1498.0	1498.2	1499.9	1501.7	1503.4	1505.1
177.5°	1499.9	1499.3	1499.4	1499.7	1499.9	1500.2	1500.4	1502.4	1504.4	1506.4	1508.4
180°	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1
2.5°	718.2	718.9	716.0	713.8	719.7	716.0	716.0	716.7	715.3	717.5	716.7
5°	677.9	678.6	673.5	674.9	672.0	671.3	670.5	674.9	674.2	673.5	674.9
7.5°	638.2	638.2	636.0	634.6	634.6	632.4	635.3	634.6	636.0	636.0	638.2
10°	605.2	606.7	603.0	599.4	598.6	599.4	599.4	600.1	600.8	606.0	605.2
12.5°	578.1	575.9	575.1	572.9	569.3	567.8	566.3	574.4	572.2	572.2	572.2
15°	548.0	553.1	552.4	545.8	544.3	547.3	545.8	545.8	553.1	552.4	551.7
17.5°	531.9	530.4	528.9	525.3	526.0	525.3	526.0	526.0	530.4	530.4	530.4
20°	513.5	510.6	510.6	509.1	509.1	506.9	509.9	510.6	513.5	513.5	514.3
22.5°	497.4	495.2	495.2	494.5	495.9	493.0	495.9	496.7	496.7	498.9	498.9
25°	483.4	482.0	482.0	483.4	483.4	483.4	483.4	486.4	484.2	484.9	484.2
27.5°	471.0	471.7	472.4	473.2	472.4	473.2	473.9	475.4	476.1	475.4	473.9
30°	459.2	461.4	462.2	462.2	463.6	464.4	465.1	465.1	465.8	463.6	465.1
32.5°	450.4	450.4	451.9	452.6	454.1	454.8	454.8	456.3	455.6	453.4	454.1
35°	438.0	438.0	440.9	442.4	444.6	443.8	444.6	444.6	445.3	443.8	441.6
37.5°	425.5	427.0	427.0	429.9	430.6	431.4	430.6	432.1	431.4	429.9	429.2
40°	410.8	410.1	410.8	413.0	413.8	413.8	413.8	415.2	415.2	415.2	414.5
42.5°	392.5	394.7	393.9	396.1	395.4	395.4	396.9	398.3	399.1	396.9	397.6
45°	374.9	374.9	376.3	376.3	377.1	377.1	380.0	378.5	380.0	378.5	379.3
47.5°	355.8	356.5	356.5	357.3	358.7	360.2	358.7	359.5	359.5	360.2	358.7
50°	334.5	334.5	336.0	338.2	341.1	339.7	338.9	341.9	339.7	339.7	338.2
52.5°	312.5	314.7	315.5	317.7	319.9	320.6	321.3	319.9	320.6	318.4	319.1
55°	291.2	292.0	294.9	297.1	299.3	299.3	298.6	299.3	300.0	297.1	297.1
57.5°	270.0	272.2	275.1	275.1	278.0	278.0	277.3	277.3	278.0	275.8	275.1
60°	247.2	249.4	253.1	253.1	257.5	258.2	256.8	255.3	255.3	253.1	253.8
62.5°	223.0	225.2	227.4	231.1	234.0	232.6	235.5	232.6	233.3	228.9	228.9
65°	201.7	202.5	206.1	209.8	209.8	211.3	209.8	210.5	208.3	208.3	205.4
67.5°	176.8	176.8	180.5	184.1	187.8	187.8	187.8	185.6	185.6	183.4	183.4
70°	154.8	154.1	157.7	159.9	162.1	162.9	161.4	160.7	159.2	157.0	156.3
72.5°	127.6	129.1	132.8	134.3	137.9	137.2	140.9	136.5	136.5	132.8	132.0
75°	103.4	104.9	108.6	110.8	113.0	113.0	115.2	113.0	110.0	108.6	107.8
77.5°	82.2	81.4	84.4	88.0	88.8	88.0	89.5	88.8	85.8	85.8	84.4
80°	58.7	60.9	63.8	63.1	66.0	65.3	65.3	63.8	63.8	61.6	63.1
82.5°	38.9	41.1	41.8	41.1	41.8	43.3	44.0	43.3	43.3	41.8	42.5
85°	20.5	20.5	22.0	22.7	22.0	22.0	22.7	24.9	23.5	22.0	23.5
87.5°	6.6	5.9	5.9	6.6	5.9	5.9	6.6	6.6	7.3	7.3	7.3
90°	31.3	31.5	32.0	32.5	33.0	33.5	33.0	32.5	32.0	31.5	31.3
92.5°	36.8	36.9	37.2	37.5	37.7	38.0	37.7	37.5	37.2	36.9	36.8
95°	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
97.5°	44.7	44.8	45.1	45.3	45.6	45.8	45.6	45.3	45.1	44.8	44.7
100°	45.8	45.9	46.2	46.4	46.7	46.9	46.7	46.4	46.2	45.9	45.8
102.5°	45.8	46.0	46.5	47.0	47.5	48.0	47.5	47.0	46.5	46.0	45.8
105°	46.9	47.1	47.6	48.1	48.6	49.1	48.6	48.1	47.6	47.1	46.9
107.5°	262.4	246.1	213.6	181.1	148.6	116.1	148.6	181.1	213.6	246.1	262.4
110°	466.7	449.0	413.5	378.0	342.5	307.0	342.5	378.0	413.5	449.0	466.7

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CATALOG NUMBER: S123DIP-B560D1195UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	583.9	583.6	583.1	582.6	582.1	581.6	582.1	582.6	583.1	583.6	583.9
115°	652.0	652.5	653.5	654.4	655.4	656.4	655.4	654.4	653.5	652.5	652.0
117.5°	715.6	715.7	716.0	716.2	716.5	716.7	716.5	716.2	716.0	715.7	715.6
120°	779.2	779.2	779.2	779.2	779.2	779.2	779.2	779.2	779.2	779.2	779.2
122.5°	839.5	839.6	839.9	840.1	840.4	840.6	840.4	840.1	839.9	839.6	839.5
125°	895.3	895.6	896.1	896.6	897.1	897.6	897.1	896.6	896.1	895.6	895.3
127.5°	955.6	955.4	954.9	954.4	953.9	953.4	953.9	954.4	954.9	955.4	955.6
130°	1009.2	1009.0	1008.5	1008.0	1007.5	1007.0	1007.5	1008.0	1008.5	1009.0	1009.2
132.5°	1059.5	1059.1	1058.4	1057.6	1056.9	1056.1	1056.9	1057.6	1058.4	1059.1	1059.5
135°	1109.7	1109.3	1108.6	1107.8	1107.1	1106.3	1107.1	1107.8	1108.6	1109.3	1109.7
137.5°	1156.6	1156.3	1155.8	1155.3	1154.8	1154.3	1154.8	1155.3	1155.8	1156.3	1156.6
140°	1199.0	1198.8	1198.3	1197.8	1197.3	1196.8	1197.3	1197.8	1198.3	1198.8	1199.0
142.5°	1239.2	1238.8	1238.1	1237.3	1236.6	1235.8	1236.6	1237.3	1238.1	1238.8	1239.2
145°	1276.0	1276.0	1276.0	1276.0	1276.0	1276.0	1276.0	1276.0	1276.0	1276.0	1276.0
147.5°	1310.6	1310.0	1308.8	1307.5	1306.3	1305.1	1306.3	1307.5	1308.8	1310.0	1310.6
150°	1341.9	1341.5	1340.8	1340.1	1339.3	1338.6	1339.3	1340.1	1340.8	1341.5	1341.9
152.5°	1370.9	1370.3	1369.0	1367.8	1366.5	1365.3	1366.5	1367.8	1369.0	1370.3	1370.9
155°	1396.6	1395.9	1394.4	1392.9	1391.4	1389.9	1391.4	1392.9	1394.4	1395.9	1396.6
157.5°	1420.1	1419.1	1417.1	1415.1	1413.1	1411.1	1413.1	1415.1	1417.1	1419.1	1420.1
160°	1439.0	1438.1	1436.4	1434.7	1432.9	1431.2	1432.9	1434.7	1436.4	1438.1	1439.0
162.5°	1456.9	1456.2	1454.7	1453.2	1451.7	1450.2	1451.7	1453.2	1454.7	1456.2	1456.9
165°	1472.5	1471.6	1469.9	1468.2	1466.4	1464.7	1466.4	1468.2	1469.9	1471.6	1472.5
167.5°	1484.8	1483.8	1481.8	1479.9	1477.9	1475.9	1477.9	1479.9	1481.8	1483.8	1484.8
170°	1494.8	1493.8	1491.8	1489.9	1487.9	1485.9	1487.9	1489.9	1491.8	1493.8	1494.8
172.5°	1501.5	1500.4	1498.2	1495.9	1493.7	1491.5	1493.7	1495.9	1498.2	1500.4	1501.5
175°	1506.0	1505.0	1503.0	1501.1	1499.1	1497.1	1499.1	1501.1	1503.0	1505.0	1506.0
177.5°	1509.4	1508.2	1505.7	1503.2	1500.7	1498.2	1500.7	1503.2	1505.7	1508.2	1509.4
180°	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1
2.5°	718.9	720.4	721.1	718.2	716.0	719.7	724.8	728.5	731.4	735.1	737.3
5°	676.4	681.5	681.5	683.0	685.2	688.9	698.4	705.0	710.9	715.3	718.9
7.5°	640.4	644.1	646.3	650.0	653.6	658.8	669.8	679.3	688.1	693.3	699.1
10°	608.2	611.1	614.8	617.0	623.6	630.9	644.8	652.9	663.2	671.3	678.6
12.5°	577.3	587.6	589.8	589.1	595.0	603.0	617.0	629.4	640.4	648.5	656.6
15°	555.3	559.0	563.4	562.7	575.1	577.3	589.1	603.8	618.4	623.6	630.9
17.5°	531.1	537.0	541.4	543.6	547.3	555.3	566.3	577.3	596.4	597.2	616.2
20°	512.1	517.9	520.9	523.8	526.0	535.5	545.1	557.5	572.9	581.0	591.3
22.5°	499.6	502.5	504.7	506.9	509.9	515.0	526.7	540.7	550.9	559.7	566.3
25°	484.9	487.8	490.8	492.3	494.5	497.4	506.2	517.2	531.9	537.7	544.3
27.5°	474.6	474.6	476.1	476.1	479.0	482.0	488.6	498.9	510.6	517.9	526.7
30°	463.6	462.9	463.6	462.9	462.2	466.6	472.4	481.2	489.3	498.1	504.0
32.5°	452.6	451.9	451.9	452.6	449.7	451.9	454.8	462.9	471.7	476.1	482.7
35°	440.9	439.4	439.4	439.4	438.0	436.5	439.4	446.8	452.6	458.5	463.6
37.5°	429.2	427.0	427.0	425.5	424.0	421.8	421.8	427.7	435.8	438.0	444.6
40°	413.0	413.0	411.6	410.8	409.4	407.9	405.7	410.8	418.2	420.4	425.5
42.5°	396.9	394.7	393.9	393.9	393.9	391.7	390.3	393.9	398.3	402.0	405.0
45°	378.5	377.1	377.8	377.1	375.6	374.9	374.1	375.6	380.7	382.2	385.9
47.5°	358.7	358.0	358.0	357.3	356.5	357.3	354.3	358.0	359.5	360.9	363.9
50°	338.2	337.5	336.7	336.0	336.0	336.7	336.0	336.0	338.9	340.4	343.3
52.5°	317.7	315.5	315.5	314.7	314.7	313.3	314.7	315.5	316.9	318.4	319.9
55°	295.6	295.6	293.4	293.4	292.0	292.0	292.7	292.0	294.9	296.4	296.4
57.5°	274.4	271.4	272.2	270.7	269.2	268.5	268.5	270.0	271.4	271.4	272.9
60°	251.6	248.7	248.0	245.0	246.5	244.3	245.0	245.0	248.0	246.5	248.0
62.5°	228.9	225.2	223.0	221.5	221.5	222.3	220.8	220.1	221.5	223.0	226.0
65°	204.7	202.5	200.3	198.1	198.1	197.3	198.8	196.6	195.9	196.6	198.1
67.5°	179.7	177.5	175.3	173.1	173.9	171.7	170.2	172.4	170.9	171.7	173.1
70°	155.5	154.1	149.7	148.2	147.5	148.2	147.5	146.0	148.2	147.5	148.2
72.5°	131.3	129.8	127.6	124.0	124.0	123.2	122.5	122.5	121.8	121.8	121.8
75°	107.8	104.9	102.7	102.0	100.5	99.8	99.0	97.6	98.3	99.0	97.6
77.5°	83.6	80.0	79.2	79.2	77.0	77.0	77.8	77.0	76.3	76.3	76.3
80°	61.6	58.7	58.7	57.2	55.8	55.8	55.8	55.8	55.0	54.3	55.0
82.5°	39.6	38.9	38.1	38.1	39.6	36.7	38.1	37.4	36.7	36.7	35.9
85°	22.0	22.7	22.0	22.7	21.3	22.0	22.0	22.0	21.3	22.0	20.5
87.5°	8.1	8.1	8.1	8.8	8.8	8.8	8.8	8.8	9.5	8.8	8.8
90°	30.8	29.8	28.8	27.8	26.8	23.6	20.4	17.1	13.9	12.3	11.1
92.5°	35.9	34.2	32.5	30.7	29.0	26.8	24.6	22.3	20.1	19.0	19.7
95°	41.5	39.8	38.1	36.3	34.6	31.9	29.1	26.4	23.7	22.3	27.4
97.5°	43.7	41.7	39.7	37.7	35.7	48.4	61.0	73.7	86.4	92.7	96.2
100°	44.8	42.8	40.8	38.8	36.8	75.5	114.2	152.9	191.6	211.0	208.5
102.5°	49.9	58.1	66.2	74.4	82.6	125.8	169.0	212.1	255.3	276.9	275.3
105°	68.9	112.8	156.7	200.6	244.5	266.8	289.2	311.5	333.8	345.0	343.6
107.5°	281.5	319.7	357.9	396.1	434.3	430.6	426.8	423.1	419.4	417.5	416.4
110°	470.8	479.0	487.1	495.3	503.5	500.8	498.0	495.3	492.6	491.2	490.2

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CATALOG NUMBER: S123DIP-B560D1195UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	582.8	580.5	578.3	576.0	573.8	571.1	568.3	565.6	562.9	561.5	560.6
115°	650.8	648.3	645.8	643.3	640.8	638.6	636.4	634.1	631.9	630.8	630.1
117.5°	714.6	712.6	710.7	708.7	706.7	705.5	704.2	703.0	701.7	701.1	700.2
120°	778.2	776.2	774.3	772.3	770.3	769.6	768.8	768.1	767.4	767.0	765.9
122.5°	838.9	837.6	836.4	835.1	833.9	832.9	831.9	831.0	830.0	829.5	828.6
125°	895.1	894.6	894.1	893.6	893.1	892.1	891.1	890.1	889.1	888.6	887.6
127.5°	955.2	954.5	953.8	953.0	952.3	951.1	949.8	948.6	947.3	946.7	945.7
130°	1008.7	1007.7	1006.8	1005.8	1004.8	1003.8	1002.8	1001.8	1000.8	1000.3	999.3
132.5°	1059.0	1058.0	1057.0	1056.0	1055.0	1054.2	1053.5	1052.7	1052.0	1051.6	1050.6
135°	1109.3	1108.6	1107.8	1107.1	1106.3	1105.3	1104.3	1103.4	1102.4	1101.9	1101.2
137.5°	1156.0	1154.7	1153.5	1152.2	1151.0	1150.5	1150.0	1149.5	1149.0	1148.8	1147.8
140°	1198.5	1197.5	1196.5	1195.5	1194.5	1193.8	1193.0	1192.3	1191.6	1191.2	1190.5
142.5°	1238.8	1238.1	1237.3	1236.6	1235.8	1235.1	1234.3	1233.6	1232.9	1232.5	1231.8
145°	1275.8	1275.3	1274.8	1274.3	1273.8	1273.3	1272.8	1272.3	1271.8	1271.6	1270.7
147.5°	1310.4	1309.9	1309.4	1308.9	1308.4	1307.9	1307.4	1306.9	1306.4	1306.2	1305.6
150°	1341.7	1341.2	1340.7	1340.2	1339.7	1339.2	1338.7	1338.2	1337.7	1337.4	1337.0
152.5°	1370.4	1369.4	1368.5	1367.5	1366.5	1366.2	1366.0	1365.7	1365.4	1365.3	1365.2
155°	1396.0	1394.7	1393.5	1392.2	1391.0	1390.8	1390.5	1390.3	1390.0	1389.9	1390.1
157.5°	1419.4	1417.9	1416.4	1414.9	1413.4	1413.6	1413.9	1414.1	1414.4	1414.5	1414.5
160°	1438.3	1436.8	1435.3	1433.8	1432.3	1432.5	1432.8	1433.0	1433.3	1433.4	1433.5
162.5°	1456.0	1454.3	1452.6	1450.8	1449.1	1449.3	1449.6	1449.8	1450.1	1450.2	1450.6
165°	1471.5	1469.5	1467.6	1465.6	1463.6	1463.8	1464.1	1464.3	1464.6	1464.7	1465.1
167.5°	1483.8	1481.8	1479.9	1477.9	1475.9	1475.9	1475.9	1475.9	1475.9	1475.9	1476.4
170°	1493.8	1491.8	1489.9	1487.9	1485.9	1485.9	1485.9	1485.9	1485.9	1485.9	1486.4
172.5°	1500.5	1498.5	1496.6	1494.6	1492.6	1492.4	1492.1	1491.9	1491.6	1491.5	1492.1
175°	1505.1	1503.4	1501.7	1499.9	1498.2	1498.0	1497.7	1497.5	1497.2	1497.1	1497.7
177.5°	1508.4	1506.4	1504.4	1502.4	1500.4	1500.2	1499.9	1499.7	1499.4	1499.3	1499.9
180°	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7	1502.7

TEST NUMBER: P1010638

CATALOG NUMBER: S123DIP-B560D1195UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	757.1	757.1	757.1	757.1
2.5°	740.9	743.1	750.5	759.3
5°	726.3	732.1	742.4	756.4
7.5°	710.1	718.9	733.6	751.2
10°	691.8	704.3	722.6	744.6
12.5°	672.0	688.1	711.6	734.3
15°	659.5	675.7	696.9	721.9
17.5°	635.3	654.4	676.4	711.6
20°	610.4	631.6	660.2	695.5
22.5°	591.3	614.0	641.2	678.6
25°	568.5	592.0	621.4	660.2
27.5°	544.3	567.8	600.8	641.9
30°	526.0	548.7	580.3	624.3
32.5°	504.0	526.0	559.0	605.2
35°	479.0	504.0	535.5	582.5
37.5°	460.0	482.7	515.7	560.5
40°	439.4	459.2	491.5	535.5
42.5°	417.4	439.4	467.3	511.3
45°	396.9	413.0	441.6	483.4
47.5°	374.9	393.2	415.2	447.5
50°	351.4	366.8	391.0	413.0
52.5°	328.7	341.1	361.7	378.5
55°	304.4	316.9	332.3	342.6
57.5°	281.7	290.5	300.8	307.4
60°	253.8	262.6	269.2	275.8
62.5°	228.9	235.5	239.2	242.8
65°	203.2	206.9	209.1	212.0
67.5°	175.3	179.0	179.7	184.1
70°	149.7	150.4	151.9	154.1
72.5°	125.4	126.9	126.2	127.6
75°	100.5	102.0	100.5	102.0
77.5°	76.3	77.8	77.8	80.0
80°	55.0	55.8	56.5	56.5
82.5°	35.9	38.1	36.7	37.4
85°	20.5	21.3	21.3	22.0
87.5°	9.5	10.3	9.5	11.0
90°	8.6	6.1	3.6	1.1
92.5°	21.2	22.7	24.2	25.7
95°	37.6	47.7	57.9	68.1
97.5°	103.1	110.0	117.0	123.9
100°	203.6	198.6	193.7	188.7
102.5°	272.1	268.8	265.6	262.4
105°	340.9	338.2	335.4	332.7
107.5°	414.2	411.9	409.7	407.5
110°	488.2	486.3	484.3	482.3

TEST NUMBER: P1010638

CATALOG NUMBER: S123DIP-B560D1195UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	558.9	557.2	555.4	553.7
115°	628.6	627.1	625.6	624.1
117.5°	698.5	696.8	695.0	693.3
120°	763.6	761.4	759.1	756.9
122.5°	826.9	825.2	823.4	821.7
125°	885.6	883.7	881.7	879.7
127.5°	943.7	941.8	939.8	937.8
130°	997.3	995.4	993.4	991.4
132.5°	1048.6	1046.7	1044.7	1042.7
135°	1099.7	1098.2	1096.7	1095.2
137.5°	1145.8	1143.8	1141.8	1139.8
140°	1189.0	1187.5	1186.0	1184.5
142.5°	1230.3	1228.8	1227.3	1225.8
145°	1269.0	1267.3	1265.5	1263.8
147.5°	1304.3	1303.1	1301.8	1300.6
150°	1336.3	1335.6	1334.8	1334.1
152.5°	1364.9	1364.7	1364.4	1364.2
155°	1390.6	1391.1	1391.6	1392.1
157.5°	1414.5	1414.5	1414.5	1414.5
160°	1433.8	1434.1	1434.3	1434.6
162.5°	1451.3	1452.0	1452.8	1453.5
165°	1465.8	1466.6	1467.3	1468.1
167.5°	1477.4	1478.3	1479.3	1480.3
170°	1487.4	1488.4	1489.4	1490.4
172.5°	1493.4	1494.6	1495.9	1497.1
175°	1499.0	1500.2	1501.5	1502.7
177.5°	1501.2	1502.4	1503.7	1504.9
180°	1502.7	1502.7	1502.7	1502.7

(END OF REPORT)