

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: NEO-RAY

Report Number: P333406-930

Luminaire Tested: **S125DIW-S850D770U930-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333406-930
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-7,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S125DIW-S850D770U930-4F0-1E-UDD-A
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 850 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 770 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5318.7 lumens
Efficiency: N/A
Efficacy: 118.2 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.23 / 1.52
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')
CIE Type: General Diffuse

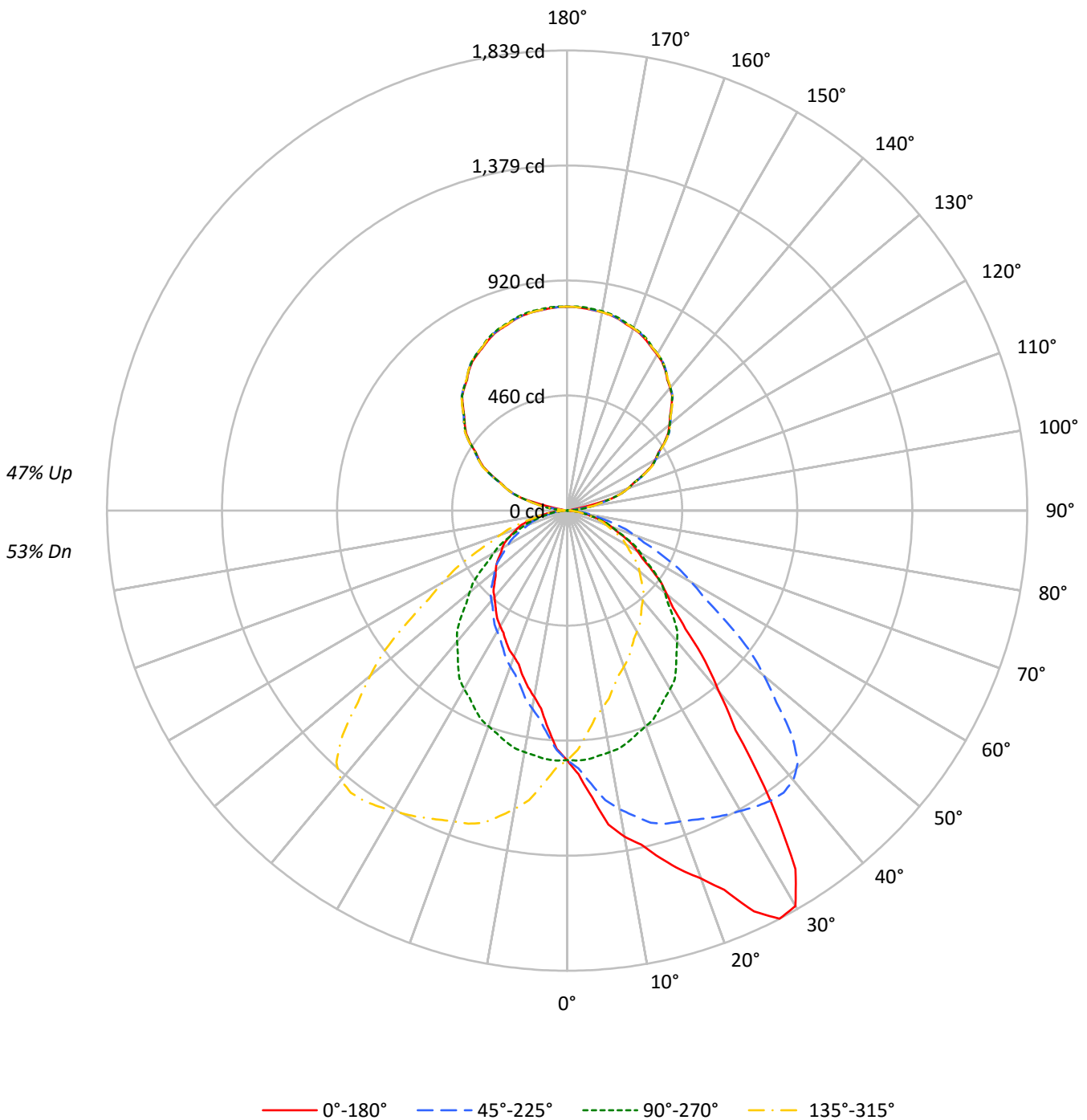
Input Watts (W): 45
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	108	108	108	108	100	100	100	100	85	85	85	71	71	71	59	59	59	53				
1	99	94	91	87	91	88	84	81	75	73	70	63	61	60	52	51	50	45				
2	90	83	77	72	83	77	72	67	66	62	59	56	53	50	46	44	43	38				
3	82	73	66	60	76	68	61	56	58	53	49	49	46	43	41	39	36	33				
4	75	65	57	51	70	60	53	48	52	47	42	44	40	37	37	34	32	28				
5	69	58	50	44	64	54	47	41	46	41	37	40	35	32	33	30	28	24				
6	64	52	44	38	59	48	41	36	42	36	32	36	31	28	30	27	24	21				
7	59	47	39	33	55	44	37	32	38	32	28	33	28	25	28	24	22	19				
8	55	42	35	29	51	40	33	28	35	29	25	30	25	22	25	22	19	17				
9	51	39	31	26	47	36	30	25	32	26	22	27	23	20	23	20	17	15				
10	48	36	28	23	44	33	27	22	29	24	20	25	21	18	22	18	16	14				

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	6442	6442	6442	6442
5°	7459	6463	5659	6463
10°	8679	6430	4958	6430
15°	9607	6383	4574	6383
20°	10754	6308	4265	6308
25°	12598	6223	4115	6223
30°	13607	6141	3985	6141
35°	11188	5984	3899	5984
40°	7952	5767	3805	5767
45°	6109	5476	3751	5476
50°	5215	5112	3743	5112
55°	4644	4757	3775	4757
60°	4188	4370	3871	4370
65°	3869	3978	3972	3978
70°	3518	3573	4030	3573
75°	3107	3147	3992	3147
80°	2615	2566	3652	2566
85°	2075	1845	2949	1845



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.0	1.8
10°-20°	285.9	5.4
20°-30°	464.2	8.7
30°-40°	566.3	10.6
40°-50°	515.1	9.7
50°-60°	410.3	7.7
60°-70°	285.8	5.4
70°-80°	152.4	2.9
80°-90°	40.2	0.8
90°-100°	29.6	0.6
100°-110°	182.5	3.4
110°-120°	331.0	6.2
120°-130°	424.8	8.0
130°-140°	456.9	8.6
140°-150°	428.9	8.1
150°-160°	346.9	6.5
160°-170°	224.4	4.2
170°-180°	77.4	1.5
0°-30°	846.1	15.9
0°-40°	1412.4	26.6
0°-60°	2337.8	44.0
0°-90°	2816.2	52.9
90°-120°	543.2	10.2
90°-150°	1853.8	34.9
90°-180°	2503.0	47.1
0°-180°	5318.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	997	997	997	997	997	
5°	1151	997	873	997	1151	116
15°	1437	955	684	955	1437	411
25°	1768	873	578	873	1768	807
35°	1419	759	494	759	1419	868
45°	669	600	411	600	669	535
55°	412	422	335	422	412	371
65°	253	260	260	260	253	251
75°	124	126	160	126	124	134
85°	28	25	40	25	28	33
90°	14	1	14	1	14	7
95°	13	34	13	34	13	10
105°	179	178	179	178	179	162
115°	331	334	331	334	331	329
125°	474	474	474	474	474	422
135°	589	591	589	591	589	455
145°	684	686	684	686	684	427
155°	750	755	750	755	750	346
165°	793	797	793	797	793	224
175°	811	815	811	815	811	77
180°	815	815	815	815	815	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	997.4	997.4	997.4	997.4	997.4	997.4	997.4	997.4	997.4	997.4	997.4
2.5°	1055.0	1053.6	1052.3	1049.5	1051.6	1045.9	1043.1	1038.4	1032.7	1030.6	1028.3
5°	1150.6	1152.8	1154.9	1146.0	1146.9	1140.9	1127.4	1116.4	1107.5	1096.1	1088.0
7.5°	1265.8	1260.8	1260.4	1254.7	1244.7	1236.8	1222.5	1204.4	1186.9	1166.9	1150.4
10°	1323.4	1323.8	1320.0	1313.2	1302.7	1295.0	1276.4	1258.6	1237.1	1211.6	1193.4
12.5°	1366.8	1368.5	1363.7	1354.5	1349.4	1332.3	1317.7	1296.6	1270.9	1250.6	1222.9
15°	1436.9	1432.2	1428.8	1417.4	1408.5	1390.7	1367.4	1345.4	1317.4	1291.6	1265.8
17.5°	1504.4	1508.1	1501.8	1491.3	1463.8	1443.0	1411.8	1381.6	1346.9	1312.2	1281.4
20°	1564.7	1568.1	1558.4	1540.2	1507.2	1486.4	1445.3	1406.4	1366.1	1321.7	1287.8
22.5°	1639.9	1637.2	1624.1	1596.4	1567.7	1529.4	1484.9	1437.5	1387.2	1336.9	1291.9
25°	1767.9	1750.1	1742.1	1707.8	1670.1	1613.8	1552.8	1483.4	1420.7	1354.3	1296.7
27.5°	1838.8	1833.3	1824.3	1800.4	1760.8	1700.6	1628.7	1544.1	1455.7	1371.8	1296.5
30°	1824.6	1825.5	1826.4	1818.7	1793.3	1748.0	1676.5	1585.4	1480.4	1386.0	1298.9
32.5°	1698.7	1714.1	1728.8	1746.2	1753.3	1744.7	1699.8	1617.6	1509.6	1402.3	1297.5
35°	1419.0	1423.8	1471.5	1519.0	1583.3	1633.3	1666.7	1630.4	1539.3	1416.1	1295.8
37.5°	1106.4	1129.4	1162.5	1216.0	1308.9	1392.0	1499.0	1548.2	1518.8	1420.6	1292.9
40°	943.2	964.4	985.9	1040.6	1118.9	1219.7	1341.2	1444.9	1469.0	1406.4	1282.7
42.5°	817.3	834.0	857.9	899.0	964.5	1053.7	1169.8	1305.4	1388.8	1365.1	1261.4
45°	668.9	679.5	698.1	730.7	778.1	848.0	950.4	1098.6	1227.7	1270.5	1210.8
47.5°	572.5	572.4	586.9	609.4	643.7	703.0	778.8	894.9	1032.8	1134.8	1130.1
50°	519.0	516.9	528.3	547.8	574.9	614.2	686.6	779.3	911.9	1027.4	1059.6
52.5°	473.0	473.2	480.2	494.6	517.3	551.0	605.0	688.6	801.8	920.5	981.0
55°	412.4	410.7	418.7	428.4	444.9	466.9	505.9	569.8	661.7	778.5	857.3
57.5°	356.8	361.4	364.7	371.5	385.1	399.9	432.8	479.6	552.5	652.8	736.1
60°	324.2	329.0	331.5	338.3	349.3	362.0	387.3	425.5	486.8	573.2	655.7
62.5°	295.1	298.8	299.6	305.7	314.7	327.1	347.1	379.0	427.5	503.1	584.0
65°	253.2	253.2	254.9	261.2	265.5	276.5	291.7	315.0	353.9	412.8	481.8
67.5°	212.7	214.7	214.3	217.1	221.0	229.5	240.4	259.7	288.5	331.5	386.7
70°	186.3	187.9	187.5	189.6	193.9	199.4	208.3	226.5	247.2	284.1	331.5
72.5°	162.6	163.2	162.2	164.9	167.5	172.3	182.2	191.9	211.3	242.4	281.4
75°	124.5	125.3	126.1	127.8	130.4	132.9	138.0	147.7	160.5	183.8	208.7
77.5°	93.3	91.7	93.8	93.5	94.9	96.9	101.3	106.5	116.9	131.7	151.0
80°	70.3	70.7	70.7	71.1	73.2	74.5	78.4	82.1	90.2	101.2	114.7
82.5°	51.3	52.4	51.8	52.5	54.3	55.2	57.3	60.4	65.1	73.8	83.6
85°	28.0	25.8	26.7	27.6	27.6	28.0	29.6	30.9	33.4	36.9	40.6
87.5°	11.0	11.7	11.9	11.8	12.1	12.0	13.2	13.0	13.9	14.8	16.0
90°	14.5	14.1	13.7	13.3	12.9	12.3	11.7	11.0	10.4	9.7	8.7
92.5°	13.5	13.4	13.1	13.0	12.8	12.3	11.7	11.0	10.4	9.7	8.8
95°	12.7	12.7	12.7	12.7	12.7	12.3	11.7	11.0	10.4	9.7	14.8
97.5°	12.7	12.7	12.7	12.7	12.7	14.6	18.3	22.2	25.9	29.8	39.8
100°	12.7	13.2	13.8	14.3	14.8	25.1	45.1	65.1	85.1	105.1	104.6
102.5°	76.0	85.1	94.2	103.4	112.5	119.0	122.8	126.5	130.4	134.1	133.8
105°	179.4	179.5	179.7	179.9	179.9	180.0	180.0	180.0	180.0	180.0	180.0
107.5°	226.2	226.6	227.0	227.4	227.8	228.0	228.0	228.0	227.9	227.9	227.6
110°	258.5	258.4	258.3	258.1	258.0	258.1	258.5	258.9	259.3	259.8	259.5



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	287.6	287.7	288.0	288.1	288.3	288.6	289.2	289.7	290.2	290.7	290.6
115°	331.0	331.8	332.6	333.5	334.3	334.9	335.5	336.0	336.6	337.1	337.0
117.5°	377.5	377.8	378.1	378.5	378.9	379.4	380.1	380.7	381.5	382.1	381.6
120°	405.9	406.7	407.3	408.0	408.6	409.1	409.4	409.7	409.9	410.2	409.8
122.5°	433.0	433.8	434.6	435.4	436.1	436.7	436.9	437.2	437.5	437.7	437.6
125°	474.3	474.7	475.0	475.4	475.8	476.3	476.9	477.4	477.9	478.4	478.4
127.5°	508.9	509.9	510.9	511.8	512.9	513.6	513.8	514.1	514.4	514.7	514.8
130°	534.0	534.7	535.4	536.1	536.7	537.3	537.7	538.1	538.4	538.8	538.7
132.5°	557.3	557.9	558.6	559.2	559.9	560.3	560.4	560.4	560.5	560.6	560.9
135°	589.0	589.8	590.6	591.4	592.2	592.8	593.0	593.3	593.5	593.9	594.1
137.5°	620.9	621.6	622.3	623.0	623.7	624.0	623.9	623.9	623.9	623.8	624.0
140°	639.8	640.6	641.4	642.1	642.9	643.3	642.9	642.7	642.5	642.1	642.3
142.5°	657.6	658.4	659.3	660.1	660.9	661.2	661.2	661.1	661.0	661.0	660.8
145°	683.9	684.7	685.4	686.2	687.1	687.4	687.3	687.1	687.0	686.9	686.9
147.5°	705.5	706.5	707.4	708.4	709.3	709.7	709.6	709.4	709.2	709.1	708.9
150°	719.5	720.6	721.6	722.7	723.8	724.2	723.9	723.7	723.4	723.1	722.8
152.5°	732.5	733.5	734.5	735.4	736.4	736.8	736.5	736.2	736.0	735.6	735.4
155°	749.7	750.8	751.9	752.9	754.0	754.3	753.9	753.5	753.1	752.7	752.4
157.5°	764.1	765.2	766.2	767.3	768.3	768.7	768.3	767.8	767.4	767.0	767.0
160°	773.2	774.4	775.4	776.5	777.6	777.8	777.3	776.7	776.2	775.7	775.5
162.5°	781.5	782.7	783.8	785.1	786.2	786.4	785.6	784.9	784.2	783.4	783.3
165°	792.6	793.7	794.8	795.8	796.9	797.0	796.2	795.4	794.6	793.8	793.7
167.5°	800.3	801.5	802.7	804.0	805.2	805.3	804.3	803.3	802.3	801.4	801.3
170°	804.7	805.8	807.1	808.3	809.5	809.6	808.5	807.4	806.3	805.3	805.1
172.5°	807.6	808.8	810.0	811.2	812.4	812.5	811.5	810.6	809.6	808.7	808.5
175°	811.3	812.5	813.8	815.0	816.1	816.2	815.1	814.1	813.0	812.0	811.8
177.5°	813.5	814.3	815.2	816.0	816.9	817.0	816.2	815.5	814.7	814.0	813.8
180°	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	997.4	997.4	997.4	997.4	997.4	997.4	997.4	997.4	997.4	997.4	997.4
2.5°	1026.2	1023.9	1021.1	1016.4	1010.6	1007.5	1002.8	999.8	993.7	988.6	983.2
5°	1078.2	1067.2	1057.1	1044.0	1029.6	1020.3	1009.3	996.9	984.3	971.2	956.8
7.5°	1132.2	1112.7	1091.5	1068.8	1046.5	1026.1	1006.5	987.2	969.3	947.6	929.3
10°	1168.4	1143.9	1117.6	1086.7	1056.7	1030.5	1003.8	980.5	956.8	931.4	908.9
12.5°	1204.7	1172.0	1134.9	1101.0	1064.8	1033.1	1001.8	972.0	942.2	914.1	887.9
15°	1230.3	1201.4	1167.2	1118.9	1078.2	1034.7	993.2	954.6	918.7	887.4	854.4
17.5°	1247.1	1210.0	1173.2	1126.9	1073.6	1024.8	977.9	933.8	893.2	853.5	821.7
20°	1250.2	1212.0	1173.5	1128.2	1073.6	1017.7	970.8	917.8	874.2	833.2	794.2
22.5°	1249.1	1206.0	1164.0	1117.4	1064.1	1012.7	955.9	901.9	854.6	814.2	773.6
25°	1239.6	1193.4	1140.9	1094.0	1041.5	986.8	929.3	873.3	825.1	778.9	738.7
27.5°	1231.6	1171.7	1112.3	1057.5	1006.8	956.8	901.6	844.4	790.9	744.1	706.2
30°	1221.8	1156.2	1089.2	1032.1	980.1	931.4	879.3	823.5	767.5	721.8	681.2
32.5°	1213.0	1136.5	1065.9	1003.7	948.5	901.2	853.2	800.1	745.2	698.8	658.1
35°	1196.0	1107.5	1026.6	956.3	897.5	848.8	808.6	759.0	708.7	663.8	624.8
37.5°	1174.4	1069.3	982.6	908.9	844.4	793.1	755.7	717.6	669.3	626.1	590.8
40°	1157.4	1042.3	950.4	875.1	808.2	754.8	720.2	684.1	643.9	603.7	566.5
42.5°	1136.1	1017.9	917.9	836.8	770.5	718.6	682.2	651.6	616.1	578.6	544.0
45°	1096.9	973.7	865.4	778.1	711.2	660.0	622.3	599.5	572.8	537.2	508.0
47.5°	1039.3	920.6	808.5	718.5	649.5	602.0	566.7	544.8	525.9	499.5	473.0
50°	988.1	881.0	767.5	678.2	609.2	561.3	528.8	508.8	492.8	472.5	450.0
52.5°	930.8	831.2	727.2	639.0	570.6	523.4	491.5	474.0	460.6	446.1	424.0
55°	839.9	755.3	658.8	574.9	511.8	465.7	437.7	422.5	411.5	400.5	386.9
57.5°	739.7	673.5	588.0	511.4	453.3	411.3	385.2	370.4	361.9	356.2	348.2
60°	669.3	612.6	538.9	469.0	412.4	375.1	349.7	338.3	331.1	326.4	320.5
62.5°	604.0	557.4	489.1	425.3	375.8	340.6	317.9	306.8	299.9	297.6	292.7
65°	507.6	471.7	415.3	362.4	320.1	290.0	270.9	260.3	256.1	253.6	254.0
67.5°	412.7	390.8	345.5	300.4	266.6	241.4	226.2	218.0	215.9	212.5	212.5
70°	354.7	338.3	300.2	260.8	230.7	211.2	197.7	189.2	187.1	185.4	185.0
72.5°	303.6	289.2	256.1	224.5	197.5	180.4	169.3	164.2	160.7	159.7	159.6
75°	228.2	220.1	193.9	168.9	150.3	138.4	130.9	126.1	123.6	123.2	123.6
77.5°	162.2	155.2	138.5	120.8	109.1	100.1	93.7	92.0	89.2	89.3	88.8
80°	121.9	117.2	106.7	92.7	83.0	75.3	72.0	69.0	68.2	66.9	68.2
82.5°	88.4	83.4	76.2	67.3	59.3	54.7	51.3	50.4	49.9	49.2	49.6
85°	43.6	44.0	39.8	33.0	29.6	27.1	24.9	24.9	24.5	24.1	24.5
87.5°	16.5	15.6	14.0	12.8	10.9	9.7	9.1	9.3	8.5	8.3	8.9
90°	7.8	6.8	5.9	4.9	3.8	2.8	1.7	0.6	1.7	2.8	3.8
92.5°	8.0	7.2	6.4	6.3	7.0	7.8	8.6	9.3	8.6	7.8	7.0
95°	19.9	24.9	30.1	32.9	33.3	33.6	34.0	34.4	34.0	33.6	33.3
97.5°	49.9	60.0	70.1	74.8	74.0	73.4	72.6	71.9	72.6	73.4	74.0
100°	104.0	103.5	103.0	102.5	102.1	101.7	101.3	100.9	101.3	101.7	102.1
102.5°	133.5	133.1	132.8	132.4	131.9	131.4	130.9	130.4	130.9	131.4	131.9
105°	180.0	180.0	180.0	179.8	179.2	178.7	178.1	177.6	178.1	178.7	179.2
107.5°	227.3	227.1	226.8	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7
110°	259.3	258.9	258.7	258.5	258.5	258.5	258.5	258.5	258.5	258.5	258.5



TEST NUMBER: P333406-930

CATALOG NUMBER: S125DIW-S850D770U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	290.4	290.2	290.1	289.8	289.5	289.2	288.9	288.5	288.9	289.2	289.5
115°	336.8	336.7	336.6	336.1	335.5	334.8	334.1	333.5	334.1	334.8	335.5
117.5°	381.2	380.7	380.1	379.8	379.9	379.9	379.9	380.0	379.9	379.9	379.9
120°	409.4	409.0	408.5	408.5	408.5	408.7	408.9	409.0	408.9	408.7	408.5
122.5°	437.3	437.2	437.0	436.7	436.1	435.6	435.1	434.6	435.1	435.6	436.1
125°	478.4	478.4	478.4	478.0	477.0	476.1	475.2	474.3	475.2	476.1	477.0
127.5°	514.9	514.9	515.0	514.7	514.0	513.4	512.7	512.0	512.7	513.4	514.0
130°	538.6	538.4	538.3	537.9	537.3	536.5	535.9	535.2	535.9	536.5	537.3
132.5°	561.2	561.5	561.8	561.6	560.8	560.0	559.2	558.4	559.2	560.0	560.8
135°	594.4	594.7	594.9	594.7	593.9	593.0	592.2	591.4	592.2	593.0	593.9
137.5°	624.3	624.5	624.8	624.5	623.9	623.1	622.5	621.7	622.5	623.1	623.9
140°	642.5	642.5	642.7	642.6	642.4	642.1	641.8	641.6	641.8	642.1	642.4
142.5°	660.6	660.5	660.2	660.1	659.9	659.7	659.6	659.4	659.6	659.7	659.9
145°	686.9	686.9	686.9	686.7	686.5	686.2	685.9	685.7	685.9	686.2	686.5
147.5°	708.7	708.7	708.5	708.4	708.5	708.5	708.6	708.7	708.6	708.5	708.5
150°	722.6	722.3	722.0	722.0	722.3	722.6	722.8	723.1	722.8	722.6	722.3
152.5°	735.2	734.9	734.6	734.7	735.4	736.0	736.5	737.1	736.5	736.0	735.4
155°	752.2	752.0	751.6	752.0	752.7	753.5	754.3	755.1	754.3	753.5	752.7
157.5°	767.0	766.9	766.9	767.1	767.6	768.1	768.6	769.0	768.6	768.1	767.6
160°	775.4	775.3	775.1	775.5	776.2	777.1	777.9	778.7	777.9	777.1	776.2
162.5°	783.2	783.0	782.9	783.2	784.0	784.8	785.6	786.4	785.6	784.8	784.0
165°	793.5	793.4	793.3	793.6	794.4	795.2	796.0	796.8	796.0	795.2	794.4
167.5°	801.1	801.0	800.9	801.2	802.1	802.9	803.7	804.5	803.7	802.9	802.1
170°	805.0	804.9	804.7	805.1	806.1	807.0	808.0	808.9	808.0	807.0	806.1
172.5°	808.2	808.0	807.7	808.0	808.9	809.9	810.9	811.8	810.9	809.9	808.9
175°	811.6	811.5	811.4	811.7	812.5	813.3	814.2	815.0	814.2	813.3	812.5
177.5°	813.8	813.7	813.5	813.8	814.5	815.1	815.7	816.4	815.7	815.1	814.5
180°	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0



TEST NUMBER: P333406-930

CATALOG NUMBER: S125DIW-S850D770U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	997.4	997.4	997.4	997.4	997.4	997.4	997.4	997.4	997.4	997.4	997.4
2.5°	980.2	976.4	973.4	966.6	962.9	957.8	953.7	958.1	953.4	955.4	952.4
5°	949.6	937.8	929.3	917.0	906.4	896.7	889.5	888.2	884.8	883.1	878.0
7.5°	912.8	898.0	883.5	867.4	853.8	840.0	831.2	823.9	819.1	812.8	808.5
10°	891.1	871.2	854.4	834.9	817.9	803.1	791.2	785.3	779.8	771.8	768.8
12.5°	864.4	843.8	823.1	802.3	786.1	769.6	759.4	750.4	746.7	737.5	736.6
15°	832.3	801.4	781.1	759.9	737.4	723.9	715.4	705.7	701.5	695.1	690.5
17.5°	794.0	766.5	741.0	719.1	699.9	688.4	677.9	671.2	664.0	659.8	652.2
20°	766.3	740.0	714.6	691.3	676.5	663.4	654.9	648.6	641.0	638.9	631.2
22.5°	742.9	714.0	689.6	670.0	653.8	639.0	629.8	625.6	620.3	613.8	612.2
25°	704.9	674.8	654.1	634.6	620.2	606.7	600.3	594.8	589.7	585.1	583.3
27.5°	672.1	645.1	620.5	602.9	590.4	578.0	572.4	565.7	562.1	558.3	553.8
30°	649.0	621.5	599.9	582.9	569.4	558.4	552.4	547.8	544.5	541.0	538.5
32.5°	625.3	599.8	578.9	562.3	548.8	540.5	535.2	531.9	528.2	524.1	520.9
35°	593.9	566.0	545.7	531.3	520.7	514.4	508.4	505.5	501.2	501.2	497.8
37.5°	558.6	534.5	516.6	503.4	494.0	488.3	481.8	479.8	477.1	475.3	474.2
40°	537.7	515.2	498.3	485.2	475.0	470.3	465.3	461.9	460.2	458.0	457.2
42.5°	516.0	494.6	478.3	466.2	457.4	453.4	448.7	446.3	442.9	440.1	439.6
45°	483.1	462.3	447.5	437.7	430.2	425.5	422.5	417.4	415.7	412.4	411.9
47.5°	451.8	431.9	417.4	409.4	402.7	398.8	394.2	389.1	387.2	385.5	385.3
50°	428.4	410.3	396.6	389.1	382.7	377.2	372.5	369.2	367.9	367.9	368.8
52.5°	404.7	389.2	377.7	368.4	362.4	356.5	352.2	350.2	348.2	350.3	351.8
55°	370.0	354.3	345.8	337.0	331.1	324.2	322.2	321.3	320.1	323.4	325.1
57.5°	333.3	322.3	312.3	303.5	298.2	294.3	291.5	290.9	293.3	294.9	300.4
60°	309.9	297.2	288.3	281.5	275.2	272.6	271.8	270.9	272.6	277.3	284.5
62.5°	284.1	273.9	264.2	259.2	254.5	250.3	250.1	250.6	254.0	259.3	266.5
65°	246.4	237.5	231.1	225.2	221.4	218.9	219.7	221.4	225.2	232.4	240.4
67.5°	208.1	201.9	196.2	191.4	187.8	187.8	188.7	191.2	195.7	204.0	211.3
70°	183.3	176.5	171.9	169.7	166.8	165.1	167.6	171.9	175.7	183.3	189.6
72.5°	158.6	152.9	149.2	147.7	146.5	145.1	145.9	150.5	155.7	163.3	170.7
75°	121.9	119.8	117.2	115.6	114.3	115.1	116.0	120.3	124.5	132.5	141.0
77.5°	88.9	86.7	85.3	84.9	84.1	84.5	87.0	90.1	94.2	100.1	106.5
80°	67.3	66.4	65.6	65.2	65.2	65.6	69.0	71.1	74.9	80.5	85.5
82.5°	49.0	48.5	48.3	48.3	48.6	48.7	50.7	53.5	56.7	60.8	65.2
85°	25.8	24.9	26.3	26.7	25.8	27.1	28.0	29.6	30.9	33.0	35.1
87.5°	9.5	10.4	10.2	10.7	10.9	11.7	11.6	13.0	13.9	14.7	14.4
90°	4.9	5.9	6.8	7.8	8.7	9.7	10.4	11.0	11.7	12.3	12.9
92.5°	6.3	6.4	7.2	8.0	8.8	9.7	10.4	11.0	11.7	12.3	12.8
95°	32.9	30.1	24.9	19.9	14.8	9.7	10.4	11.0	11.7	12.3	12.7
97.5°	74.8	70.1	60.0	49.9	39.8	29.8	25.9	22.2	18.3	14.6	12.7
100°	102.5	103.0	103.5	104.0	104.6	105.1	85.1	65.1	45.1	25.1	14.8
102.5°	132.4	132.8	133.1	133.5	133.8	134.1	130.4	126.5	122.8	119.0	112.5
105°	179.8	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	179.9
107.5°	226.7	226.8	227.1	227.3	227.6	227.9	227.9	228.0	228.0	228.0	227.8
110°	258.5	258.7	258.9	259.3	259.5	259.8	259.3	258.9	258.5	258.1	258.0



TEST NUMBER: P333406-930

CATALOG NUMBER: S125DIW-S850D770U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	289.8	290.1	290.2	290.4	290.6	290.7	290.2	289.7	289.2	288.6	288.3
115°	336.1	336.6	336.7	336.8	337.0	337.1	336.6	336.0	335.5	334.9	334.3
117.5°	379.8	380.1	380.7	381.2	381.6	382.1	381.5	380.7	380.1	379.4	378.9
120°	408.5	408.5	409.0	409.4	409.8	410.2	409.9	409.7	409.4	409.1	408.6
122.5°	436.7	437.0	437.2	437.3	437.6	437.7	437.5	437.2	436.9	436.7	436.1
125°	478.0	478.4	478.4	478.4	478.4	478.4	477.9	477.4	476.9	476.3	475.8
127.5°	514.7	515.0	514.9	514.9	514.8	514.7	514.4	514.1	513.8	513.6	512.9
130°	537.9	538.3	538.4	538.6	538.7	538.8	538.4	538.1	537.7	537.3	536.7
132.5°	561.6	561.8	561.5	561.2	560.9	560.6	560.5	560.4	560.4	560.3	559.9
135°	594.7	594.9	594.7	594.4	594.1	593.9	593.5	593.3	593.0	592.8	592.2
137.5°	624.5	624.8	624.5	624.3	624.0	623.8	623.9	623.9	623.9	624.0	623.7
140°	642.6	642.7	642.5	642.5	642.3	642.1	642.5	642.7	642.9	643.3	642.9
142.5°	660.1	660.2	660.5	660.6	660.8	661.0	661.0	661.1	661.2	661.2	660.9
145°	686.7	686.9	686.9	686.9	686.9	686.9	687.0	687.1	687.3	687.4	687.1
147.5°	708.4	708.5	708.7	708.7	708.9	709.1	709.2	709.4	709.6	709.7	709.3
150°	722.0	722.0	722.3	722.6	722.8	723.1	723.4	723.7	723.9	724.2	723.8
152.5°	734.7	734.6	734.9	735.2	735.4	735.6	736.0	736.2	736.5	736.8	736.4
155°	752.0	751.6	752.0	752.2	752.4	752.7	753.1	753.5	753.9	754.3	754.0
157.5°	767.1	766.9	766.9	767.0	767.0	767.0	767.4	767.8	768.3	768.7	768.3
160°	775.5	775.1	775.3	775.4	775.5	775.7	776.2	776.7	777.3	777.8	777.6
162.5°	783.2	782.9	783.0	783.2	783.3	783.4	784.2	784.9	785.6	786.4	786.2
165°	793.6	793.3	793.4	793.5	793.7	793.8	794.6	795.4	796.2	797.0	796.9
167.5°	801.2	800.9	801.0	801.1	801.3	801.4	802.3	803.3	804.3	805.3	805.2
170°	805.1	804.7	804.9	805.0	805.1	805.3	806.3	807.4	808.5	809.6	809.5
172.5°	808.0	807.7	808.0	808.2	808.5	808.7	809.6	810.6	811.5	812.5	812.4
175°	811.7	811.4	811.5	811.6	811.8	812.0	813.0	814.1	815.1	816.2	816.1
177.5°	813.8	813.5	813.7	813.8	813.8	814.0	814.7	815.5	816.2	817.0	816.9
180°	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0



TEST NUMBER: P333406-930

CATALOG NUMBER: S125DIW-S850D770U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	997.4	997.4	997.4	997.4	997.4	997.4	997.4	997.4	997.4	997.4	997.4
2.5°	950.3	952.7	950.6	953.4	950.6	952.7	950.3	952.4	955.4	953.4	958.1
5°	875.9	872.1	874.7	872.9	874.7	872.1	875.9	878.0	883.1	884.8	888.2
7.5°	807.1	803.5	799.4	797.4	799.4	803.5	807.1	808.5	812.8	819.1	823.9
10°	764.2	759.5	759.0	756.1	759.0	759.5	764.2	768.8	771.8	779.8	785.3
12.5°	732.6	728.3	723.5	722.3	723.5	728.3	732.6	736.6	737.5	746.7	750.4
15°	687.9	684.5	681.6	684.1	681.6	684.5	687.9	690.5	695.1	701.5	705.7
17.5°	650.8	648.0	647.4	644.3	647.4	648.0	650.8	652.2	659.8	664.0	671.2
20°	627.4	625.3	626.1	620.6	626.1	625.3	627.4	631.2	638.9	641.0	648.6
22.5°	608.8	604.6	604.1	603.0	604.1	604.6	608.8	612.2	613.8	620.3	625.6
25°	579.6	577.5	575.4	577.5	575.4	577.5	579.6	583.3	585.1	589.7	594.8
27.5°	554.1	551.5	551.0	551.2	551.0	551.5	554.1	553.8	558.3	562.1	565.7
30°	538.5	534.3	534.7	534.3	534.7	534.3	538.5	538.5	541.0	544.5	547.8
32.5°	521.5	518.7	518.1	517.3	518.1	518.7	521.5	520.9	524.1	528.2	531.9
35°	496.6	496.6	494.5	494.5	494.5	496.6	496.6	497.8	501.2	501.2	505.5
37.5°	473.1	472.7	471.4	471.7	471.4	472.7	473.1	474.2	475.3	477.1	479.8
40°	455.5	455.1	453.8	451.3	453.8	455.1	455.5	457.2	458.0	460.2	461.9
42.5°	438.5	437.2	436.6	435.7	436.6	437.2	438.5	439.6	440.1	442.9	446.3
45°	411.9	411.9	411.1	410.7	411.1	411.9	411.9	411.9	412.4	415.7	417.4
47.5°	386.0	386.8	388.4	388.2	388.4	386.8	386.0	385.3	385.5	387.2	389.1
50°	370.4	370.9	372.1	372.5	372.1	370.9	370.4	368.8	367.9	367.9	369.2
52.5°	353.2	355.6	357.2	356.9	357.2	355.6	353.2	351.8	350.3	348.2	350.2
55°	329.0	331.9	334.8	335.3	334.8	331.9	329.0	325.1	323.4	320.1	321.3
57.5°	305.0	309.2	312.3	313.2	312.3	309.2	305.0	300.4	294.9	293.3	290.9
60°	288.7	294.2	298.1	299.7	298.1	294.2	288.7	284.5	277.3	272.6	270.9
62.5°	273.1	279.3	283.2	283.5	283.2	279.3	273.1	266.5	259.3	254.0	250.6
65°	247.7	254.0	257.4	259.9	257.4	254.0	247.7	240.4	232.4	225.2	221.4
67.5°	220.2	226.6	230.3	232.4	230.3	226.6	220.2	211.3	204.0	195.7	191.2
70°	200.2	206.6	211.7	213.4	211.7	206.6	200.2	189.6	183.3	175.7	171.9
72.5°	180.6	186.3	190.4	192.3	190.4	186.3	180.6	170.7	163.3	155.7	150.5
75°	146.5	154.1	157.9	160.0	157.9	154.1	146.5	141.0	132.5	124.5	120.3
77.5°	112.9	119.9	122.2	123.3	122.2	119.9	112.9	106.5	100.1	94.2	90.1
80°	90.6	94.8	97.8	98.2	97.8	94.8	90.6	85.5	80.5	74.9	71.1
82.5°	69.6	73.1	74.1	75.2	74.1	73.1	69.6	65.2	60.8	56.7	53.5
85°	38.1	39.8	40.2	39.8	40.2	39.8	38.1	35.1	33.0	30.9	29.6
87.5°	15.2	14.9	15.0	15.7	15.0	14.9	15.2	14.4	14.7	13.9	13.0
90°	13.3	13.7	14.1	14.5	14.1	13.7	13.3	12.9	12.3	11.7	11.0
92.5°	13.0	13.1	13.4	13.5	13.4	13.1	13.0	12.8	12.3	11.7	11.0
95°	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.3	11.7	11.0
97.5°	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	14.6	18.3	22.2
100°	14.3	13.8	13.2	12.7	13.2	13.8	14.3	14.8	25.1	45.1	65.1
102.5°	103.4	94.2	85.1	76.0	85.1	94.2	103.4	112.5	119.0	122.8	126.5
105°	179.9	179.7	179.5	179.4	179.5	179.7	179.9	179.9	180.0	180.0	180.0
107.5°	227.4	227.0	226.6	226.2	226.6	227.0	227.4	227.8	228.0	228.0	228.0
110°	258.1	258.3	258.4	258.5	258.4	258.3	258.1	258.0	258.1	258.5	258.9



TEST NUMBER: P333406-930

CATALOG NUMBER: S125DIW-S850D770U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	288.1	288.0	287.7	287.6	287.7	288.0	288.1	288.3	288.6	289.2	289.7
115°	333.5	332.6	331.8	331.0	331.8	332.6	333.5	334.3	334.9	335.5	336.0
117.5°	378.5	378.1	377.8	377.5	377.8	378.1	378.5	378.9	379.4	380.1	380.7
120°	408.0	407.3	406.7	405.9	406.7	407.3	408.0	408.6	409.1	409.4	409.7
122.5°	435.4	434.6	433.8	433.0	433.8	434.6	435.4	436.1	436.7	436.9	437.2
125°	475.4	475.0	474.7	474.3	474.7	475.0	475.4	475.8	476.3	476.9	477.4
127.5°	511.8	510.9	509.9	508.9	509.9	510.9	511.8	512.9	513.6	513.8	514.1
130°	536.1	535.4	534.7	534.0	534.7	535.4	536.1	536.7	537.3	537.7	538.1
132.5°	559.2	558.6	557.9	557.3	557.9	558.6	559.2	559.9	560.3	560.4	560.4
135°	591.4	590.6	589.8	589.0	589.8	590.6	591.4	592.2	592.8	593.0	593.3
137.5°	623.0	622.3	621.6	620.9	621.6	622.3	623.0	623.7	624.0	623.9	623.9
140°	642.1	641.4	640.6	639.8	640.6	641.4	642.1	642.9	643.3	642.9	642.7
142.5°	660.1	659.3	658.4	657.6	658.4	659.3	660.1	660.9	661.2	661.2	661.1
145°	686.2	685.4	684.7	683.9	684.7	685.4	686.2	687.1	687.4	687.3	687.1
147.5°	708.4	707.4	706.5	705.5	706.5	707.4	708.4	709.3	709.7	709.6	709.4
150°	722.7	721.6	720.6	719.5	720.6	721.6	722.7	723.8	724.2	723.9	723.7
152.5°	735.4	734.5	733.5	732.5	733.5	734.5	735.4	736.4	736.8	736.5	736.2
155°	752.9	751.9	750.8	749.7	750.8	751.9	752.9	754.0	754.3	753.9	753.5
157.5°	767.3	766.2	765.2	764.1	765.2	766.2	767.3	768.3	768.7	768.3	767.8
160°	776.5	775.4	774.4	773.2	774.4	775.4	776.5	777.6	777.8	777.3	776.7
162.5°	785.1	783.8	782.7	781.5	782.7	783.8	785.1	786.2	786.4	785.6	784.9
165°	795.8	794.8	793.7	792.6	793.7	794.8	795.8	796.9	797.0	796.2	795.4
167.5°	804.0	802.7	801.5	800.3	801.5	802.7	804.0	805.2	805.3	804.3	803.3
170°	808.3	807.1	805.8	804.7	805.8	807.1	808.3	809.5	809.6	808.5	807.4
172.5°	811.2	810.0	808.8	807.6	808.8	810.0	811.2	812.4	812.5	811.5	810.6
175°	815.0	813.8	812.5	811.3	812.5	813.8	815.0	816.1	816.2	815.1	814.1
177.5°	816.0	815.2	814.3	813.5	814.3	815.2	816.0	816.9	817.0	816.2	815.5
180°	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0



TEST NUMBER: P333406-930

CATALOG NUMBER: S125DIW-S850D770U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	997.4	997.4	997.4	997.4	997.4	997.4	997.4	997.4	997.4	997.4	997.4
2.5°	953.7	957.8	962.9	966.6	973.4	976.4	980.2	983.2	988.6	993.7	999.8
5°	889.5	896.7	906.4	917.0	929.3	937.8	949.6	956.8	971.2	984.3	996.9
7.5°	831.2	840.0	853.8	867.4	883.5	898.0	912.8	929.3	947.6	969.3	987.2
10°	791.2	803.1	817.9	834.9	854.4	871.2	891.1	908.9	931.4	956.8	980.5
12.5°	759.4	769.6	786.1	802.3	823.1	843.8	864.4	887.9	914.1	942.2	972.0
15°	715.4	723.9	737.4	759.9	781.1	801.4	832.3	854.4	887.4	918.7	954.6
17.5°	677.9	688.4	699.9	719.1	741.0	766.5	794.0	821.7	853.5	893.2	933.8
20°	654.9	663.4	676.5	691.3	714.6	740.0	766.3	794.2	833.2	874.2	917.8
22.5°	629.8	639.0	653.8	670.0	689.6	714.0	742.9	773.6	814.2	854.6	901.9
25°	600.3	606.7	620.2	634.6	654.1	674.8	704.9	738.7	778.9	825.1	873.3
27.5°	572.4	578.0	590.4	602.9	620.5	645.1	672.1	706.2	744.1	790.9	844.4
30°	552.4	558.4	569.4	582.9	599.9	621.5	649.0	681.2	721.8	767.5	823.5
32.5°	535.2	540.5	548.8	562.3	578.9	599.8	625.3	658.1	698.8	745.2	800.1
35°	508.4	514.4	520.7	531.3	545.7	566.0	593.9	624.8	663.8	708.7	759.0
37.5°	481.8	488.3	494.0	503.4	516.6	534.5	558.6	590.8	626.1	669.3	717.6
40°	465.3	470.3	475.0	485.2	498.3	515.2	537.7	566.5	603.7	643.9	684.1
42.5°	448.7	453.4	457.4	466.2	478.3	494.6	516.0	544.0	578.6	616.1	651.6
45°	422.5	425.5	430.2	437.7	447.5	462.3	483.1	508.0	537.2	572.8	599.5
47.5°	394.2	398.8	402.7	409.4	417.4	431.9	451.8	473.0	499.5	525.9	544.8
50°	372.5	377.2	382.7	389.1	396.6	410.3	428.4	450.0	472.5	492.8	508.8
52.5°	352.2	356.5	362.4	368.4	377.7	389.2	404.7	424.0	446.1	460.6	474.0
55°	322.2	324.2	331.1	337.0	345.8	354.3	370.0	386.9	400.5	411.5	422.5
57.5°	291.5	294.3	298.2	303.5	312.3	322.3	333.3	348.2	356.2	361.9	370.4
60°	271.8	272.6	275.2	281.5	288.3	297.2	309.9	320.5	326.4	331.1	338.3
62.5°	250.1	250.3	254.5	259.2	264.2	273.9	284.1	292.7	297.6	299.9	306.8
65°	219.7	218.9	221.4	225.2	231.1	237.5	246.4	254.0	253.6	256.1	260.3
67.5°	188.7	187.8	187.8	191.4	196.2	201.9	208.1	212.5	212.5	215.9	218.0
70°	167.6	165.1	166.8	169.7	171.9	176.5	183.3	185.0	185.4	187.1	189.2
72.5°	145.9	145.1	146.5	147.7	149.2	152.9	158.6	159.6	159.7	160.7	164.2
75°	116.0	115.1	114.3	115.6	117.2	119.8	121.9	123.6	123.2	123.6	126.1
77.5°	87.0	84.5	84.1	84.9	85.3	86.7	88.9	88.8	89.3	89.2	92.0
80°	69.0	65.6	65.2	65.2	65.6	66.4	67.3	68.2	66.9	68.2	69.0
82.5°	50.7	48.7	48.6	48.3	48.3	48.5	49.0	49.6	49.2	49.9	50.4
85°	28.0	27.1	25.8	26.7	26.3	24.9	25.8	24.5	24.1	24.5	24.9
87.5°	11.6	11.7	10.9	10.7	10.2	10.4	9.5	8.9	8.3	8.5	9.3
90°	10.4	9.7	8.7	7.8	6.8	5.9	4.9	3.8	2.8	1.7	0.6
92.5°	10.4	9.7	8.8	8.0	7.2	6.4	6.3	7.0	7.8	8.6	9.3
95°	10.4	9.7	14.8	19.9	24.9	30.1	32.9	33.3	33.6	34.0	34.4
97.5°	25.9	29.8	39.8	49.9	60.0	70.1	74.8	74.0	73.4	72.6	71.9
100°	85.1	105.1	104.6	104.0	103.5	103.0	102.5	102.1	101.7	101.3	100.9
102.5°	130.4	134.1	133.8	133.5	133.1	132.8	132.4	131.9	131.4	130.9	130.4
105°	180.0	180.0	180.0	180.0	180.0	180.0	179.8	179.2	178.7	178.1	177.6
107.5°	227.9	227.9	227.6	227.3	227.1	226.8	226.7	226.7	226.7	226.7	226.7
110°	259.3	259.8	259.5	259.3	258.9	258.7	258.5	258.5	258.5	258.5	258.5



TEST NUMBER: P333406-930

CATALOG NUMBER: S125DIW-S850D770U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	290.2	290.7	290.6	290.4	290.2	290.1	289.8	289.5	289.2	288.9	288.5
115°	336.6	337.1	337.0	336.8	336.7	336.6	336.1	335.5	334.8	334.1	333.5
117.5°	381.5	382.1	381.6	381.2	380.7	380.1	379.8	379.9	379.9	379.9	380.0
120°	409.9	410.2	409.8	409.4	409.0	408.5	408.5	408.5	408.7	408.9	409.0
122.5°	437.5	437.7	437.6	437.3	437.2	437.0	436.7	436.1	435.6	435.1	434.6
125°	477.9	478.4	478.4	478.4	478.4	478.4	478.0	477.0	476.1	475.2	474.3
127.5°	514.4	514.7	514.8	514.9	514.9	515.0	514.7	514.0	513.4	512.7	512.0
130°	538.4	538.8	538.7	538.6	538.4	538.3	537.9	537.3	536.5	535.9	535.2
132.5°	560.5	560.6	560.9	561.2	561.5	561.8	561.6	560.8	560.0	559.2	558.4
135°	593.5	593.9	594.1	594.4	594.7	594.9	594.7	593.9	593.0	592.2	591.4
137.5°	623.9	623.8	624.0	624.3	624.5	624.8	624.5	623.9	623.1	622.5	621.7
140°	642.5	642.1	642.3	642.5	642.5	642.7	642.6	642.4	642.1	641.8	641.6
142.5°	661.0	661.0	660.8	660.6	660.5	660.2	660.1	659.9	659.7	659.6	659.4
145°	687.0	686.9	686.9	686.9	686.9	686.9	686.7	686.5	686.2	685.9	685.7
147.5°	709.2	709.1	708.9	708.7	708.7	708.5	708.4	708.5	708.5	708.6	708.7
150°	723.4	723.1	722.8	722.6	722.3	722.0	722.0	722.3	722.6	722.8	723.1
152.5°	736.0	735.6	735.4	735.2	734.9	734.6	734.7	735.4	736.0	736.5	737.1
155°	753.1	752.7	752.4	752.2	752.0	751.6	752.0	752.7	753.5	754.3	755.1
157.5°	767.4	767.0	767.0	767.0	766.9	766.9	767.1	767.6	768.1	768.6	769.0
160°	776.2	775.7	775.5	775.4	775.3	775.1	775.5	776.2	777.1	777.9	778.7
162.5°	784.2	783.4	783.3	783.2	783.0	782.9	783.2	784.0	784.8	785.6	786.4
165°	794.6	793.8	793.7	793.5	793.4	793.3	793.6	794.4	795.2	796.0	796.8
167.5°	802.3	801.4	801.3	801.1	801.0	800.9	801.2	802.1	802.9	803.7	804.5
170°	806.3	805.3	805.1	805.0	804.9	804.7	805.1	806.1	807.0	808.0	808.9
172.5°	809.6	808.7	808.5	808.2	808.0	807.7	808.0	808.9	809.9	810.9	811.8
175°	813.0	812.0	811.8	811.6	811.5	811.4	811.7	812.5	813.3	814.2	815.0
177.5°	814.7	814.0	813.8	813.8	813.7	813.5	813.8	814.5	815.1	815.7	816.4
180°	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0



TEST NUMBER: P333406-930

CATALOG NUMBER: S125DIW-S850D770U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	997.4	997.4	997.4	997.4	997.4	997.4	997.4	997.4	997.4	997.4	997.4
2.5°	1002.8	1007.5	1010.6	1016.4	1021.1	1023.9	1026.2	1028.3	1030.6	1032.7	1038.4
5°	1009.3	1020.3	1029.6	1044.0	1057.1	1067.2	1078.2	1088.0	1096.1	1107.5	1116.4
7.5°	1006.5	1026.1	1046.5	1068.8	1091.5	1112.7	1132.2	1150.4	1166.9	1186.9	1204.4
10°	1003.8	1030.5	1056.7	1086.7	1117.6	1143.9	1168.4	1193.4	1211.6	1237.1	1258.6
12.5°	1001.8	1033.1	1064.8	1101.0	1134.9	1172.0	1204.7	1222.9	1250.6	1270.9	1296.6
15°	993.2	1034.7	1078.2	1118.9	1167.2	1201.4	1230.3	1265.8	1291.6	1317.4	1345.4
17.5°	977.9	1024.8	1073.6	1126.9	1173.2	1210.0	1247.1	1281.4	1312.2	1346.9	1381.6
20°	970.8	1017.7	1073.6	1128.2	1173.5	1212.0	1250.2	1287.8	1321.7	1366.1	1406.4
22.5°	955.9	1012.7	1064.1	1117.4	1164.0	1206.0	1249.1	1291.9	1336.9	1387.2	1437.5
25°	929.3	986.8	1041.5	1094.0	1140.9	1193.4	1239.6	1296.7	1354.3	1420.7	1483.4
27.5°	901.6	956.8	1006.8	1057.5	1112.3	1171.7	1231.6	1296.5	1371.8	1455.7	1544.1
30°	879.3	931.4	980.1	1032.1	1089.2	1156.2	1221.8	1298.9	1386.0	1480.4	1585.4
32.5°	853.2	901.2	948.5	1003.7	1065.9	1136.5	1213.0	1297.5	1402.3	1509.6	1617.6
35°	808.6	848.8	897.5	956.3	1026.6	1107.5	1196.0	1295.8	1416.1	1539.3	1630.4
37.5°	755.7	793.1	844.4	908.9	982.6	1069.3	1174.4	1292.9	1420.6	1518.8	1548.2
40°	720.2	754.8	808.2	875.1	950.4	1042.3	1157.4	1282.7	1406.4	1469.0	1444.9
42.5°	682.2	718.6	770.5	836.8	917.9	1017.9	1136.1	1261.4	1365.1	1388.8	1305.4
45°	622.3	660.0	711.2	778.1	865.4	973.7	1096.9	1210.8	1270.5	1227.7	1098.6
47.5°	566.7	602.0	649.5	718.5	808.5	920.6	1039.3	1130.1	1134.8	1032.8	894.9
50°	528.8	561.3	609.2	678.2	767.5	881.0	988.1	1059.6	1027.4	911.9	779.3
52.5°	491.5	523.4	570.6	639.0	727.2	831.2	930.8	981.0	920.5	801.8	688.6
55°	437.7	465.7	511.8	574.9	658.8	755.3	839.9	857.3	778.5	661.7	569.8
57.5°	385.2	411.3	453.3	511.4	588.0	673.5	739.7	736.1	652.8	552.5	479.6
60°	349.7	375.1	412.4	469.0	538.9	612.6	669.3	655.7	573.2	486.8	425.5
62.5°	317.9	340.6	375.8	425.3	489.1	557.4	604.0	584.0	503.1	427.5	379.0
65°	270.9	290.0	320.1	362.4	415.3	471.7	507.6	481.8	412.8	353.9	315.0
67.5°	226.2	241.4	266.6	300.4	345.5	390.8	412.7	386.7	331.5	288.5	259.7
70°	197.7	211.2	230.7	260.8	300.2	338.3	354.7	331.5	284.1	247.2	226.5
72.5°	169.3	180.4	197.5	224.5	256.1	289.2	303.6	281.4	242.4	211.3	191.9
75°	130.9	138.4	150.3	168.9	193.9	220.1	228.2	208.7	183.8	160.5	147.7
77.5°	93.7	100.1	109.1	120.8	138.5	155.2	162.2	151.0	131.7	116.9	106.5
80°	72.0	75.3	83.0	92.7	106.7	117.2	121.9	114.7	101.2	90.2	82.1
82.5°	51.3	54.7	59.3	67.3	76.2	83.4	88.4	83.6	73.8	65.1	60.4
85°	24.9	27.1	29.6	33.0	39.8	44.0	43.6	40.6	36.9	33.4	30.9
87.5°	9.1	9.7	10.9	12.8	14.0	15.6	16.5	16.0	14.8	13.9	13.0
90°	1.7	2.8	3.8	4.9	5.9	6.8	7.8	8.7	9.7	10.4	11.0
92.5°	8.6	7.8	7.0	6.3	6.4	7.2	8.0	8.8	9.7	10.4	11.0
95°	34.0	33.6	33.3	32.9	30.1	24.9	19.9	14.8	9.7	10.4	11.0
97.5°	72.6	73.4	74.0	74.8	70.1	60.0	49.9	39.8	29.8	25.9	22.2
100°	101.3	101.7	102.1	102.5	103.0	103.5	104.0	104.6	105.1	85.1	65.1
102.5°	130.9	131.4	131.9	132.4	132.8	133.1	133.5	133.8	134.1	130.4	126.5
105°	178.1	178.7	179.2	179.8	180.0	180.0	180.0	180.0	180.0	180.0	180.0
107.5°	226.7	226.7	226.7	226.7	226.8	227.1	227.3	227.6	227.9	227.9	228.0
110°	258.5	258.5	258.5	258.5	258.7	258.9	259.3	259.5	259.8	259.3	258.9



TEST NUMBER: P333406-930

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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	288.9	289.2	289.5	289.8	290.1	290.2	290.4	290.6	290.7	290.2	289.7
115°	334.1	334.8	335.5	336.1	336.6	336.7	336.8	337.0	337.1	336.6	336.0
117.5°	379.9	379.9	379.9	379.8	380.1	380.7	381.2	381.6	382.1	381.5	380.7
120°	408.9	408.7	408.5	408.5	408.5	409.0	409.4	409.8	410.2	409.9	409.7
122.5°	435.1	435.6	436.1	436.7	437.0	437.2	437.3	437.6	437.7	437.5	437.2
125°	475.2	476.1	477.0	478.0	478.4	478.4	478.4	478.4	478.4	477.9	477.4
127.5°	512.7	513.4	514.0	514.7	515.0	514.9	514.9	514.8	514.7	514.4	514.1
130°	535.9	536.5	537.3	537.9	538.3	538.4	538.6	538.7	538.8	538.4	538.1
132.5°	559.2	560.0	560.8	561.6	561.8	561.5	561.2	560.9	560.6	560.5	560.4
135°	592.2	593.0	593.9	594.7	594.9	594.7	594.4	594.1	593.9	593.5	593.3
137.5°	622.5	623.1	623.9	624.5	624.8	624.5	624.3	624.0	623.8	623.9	623.9
140°	641.8	642.1	642.4	642.6	642.7	642.5	642.5	642.3	642.1	642.5	642.7
142.5°	659.6	659.7	659.9	660.1	660.2	660.5	660.6	660.8	661.0	661.0	661.1
145°	685.9	686.2	686.5	686.7	686.9	686.9	686.9	686.9	686.9	687.0	687.1
147.5°	708.6	708.5	708.5	708.4	708.5	708.7	708.7	708.9	709.1	709.2	709.4
150°	722.8	722.6	722.3	722.0	722.0	722.3	722.6	722.8	723.1	723.4	723.7
152.5°	736.5	736.0	735.4	734.7	734.6	734.9	735.2	735.4	735.6	736.0	736.2
155°	754.3	753.5	752.7	752.0	751.6	752.0	752.2	752.4	752.7	753.1	753.5
157.5°	768.6	768.1	767.6	767.1	766.9	766.9	767.0	767.0	767.0	767.4	767.8
160°	777.9	777.1	776.2	775.5	775.1	775.3	775.4	775.5	775.7	776.2	776.7
162.5°	785.6	784.8	784.0	783.2	782.9	783.0	783.2	783.3	783.4	784.2	784.9
165°	796.0	795.2	794.4	793.6	793.3	793.4	793.5	793.7	793.8	794.6	795.4
167.5°	803.7	802.9	802.1	801.2	800.9	801.0	801.1	801.3	801.4	802.3	803.3
170°	808.0	807.0	806.1	805.1	804.7	804.9	805.0	805.1	805.3	806.3	807.4
172.5°	810.9	809.9	808.9	808.0	807.7	808.0	808.2	808.5	808.7	809.6	810.6
175°	814.2	813.3	812.5	811.7	811.4	811.5	811.6	811.8	812.0	813.0	814.1
177.5°	815.7	815.1	814.5	813.8	813.5	813.7	813.8	813.8	814.0	814.7	815.5
180°	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	997.4	997.4	997.4	997.4	997.4	997.4	997.4
2.5°	1043.1	1045.9	1051.6	1049.5	1052.3	1053.6	1055.0
5°	1127.4	1140.9	1146.9	1146.0	1154.9	1152.8	1150.6
7.5°	1222.5	1236.8	1244.7	1254.7	1260.4	1260.8	1265.8
10°	1276.4	1295.0	1302.7	1313.2	1320.0	1323.8	1323.4
12.5°	1317.7	1332.3	1349.4	1354.5	1363.7	1368.5	1366.8
15°	1367.4	1390.7	1408.5	1417.4	1428.8	1432.2	1436.9
17.5°	1411.8	1443.0	1463.8	1491.3	1501.8	1508.1	1504.4
20°	1445.3	1486.4	1507.2	1540.2	1558.4	1568.1	1564.7
22.5°	1484.9	1529.4	1567.7	1596.4	1624.1	1637.2	1639.9
25°	1552.8	1613.8	1670.1	1707.8	1742.1	1750.1	1767.9
27.5°	1628.7	1700.6	1760.8	1800.4	1824.3	1833.3	1838.8
30°	1676.5	1748.0	1793.3	1818.7	1826.4	1825.5	1824.6
32.5°	1699.8	1744.7	1753.3	1746.2	1728.8	1714.1	1698.7
35°	1666.7	1633.3	1583.3	1519.0	1471.5	1423.8	1419.0
37.5°	1499.0	1392.0	1308.9	1216.0	1162.5	1129.4	1106.4
40°	1341.2	1219.7	1118.9	1040.6	985.9	964.4	943.2
42.5°	1169.8	1053.7	964.5	899.0	857.9	834.0	817.3
45°	950.4	848.0	778.1	730.7	698.1	679.5	668.9
47.5°	778.8	703.0	643.7	609.4	586.9	572.4	572.5
50°	686.6	614.2	574.9	547.8	528.3	516.9	519.0
52.5°	605.0	551.0	517.3	494.6	480.2	473.2	473.0
55°	505.9	466.9	444.9	428.4	418.7	410.7	412.4
57.5°	432.8	399.9	385.1	371.5	364.7	361.4	356.8
60°	387.3	362.0	349.3	338.3	331.5	329.0	324.2
62.5°	347.1	327.1	314.7	305.7	299.6	298.8	295.1
65°	291.7	276.5	265.5	261.2	254.9	253.2	253.2
67.5°	240.4	229.5	221.0	217.1	214.3	214.7	212.7
70°	208.3	199.4	193.9	189.6	187.5	187.9	186.3
72.5°	182.2	172.3	167.5	164.9	162.2	163.2	162.6
75°	138.0	132.9	130.4	127.8	126.1	125.3	124.5
77.5°	101.3	96.9	94.9	93.5	93.8	91.7	93.3
80°	78.4	74.5	73.2	71.1	70.7	70.7	70.3
82.5°	57.3	55.2	54.3	52.5	51.8	52.4	51.3
85°	29.6	28.0	27.6	27.6	26.7	25.8	28.0
87.5°	13.2	12.0	12.1	11.8	11.9	11.7	11.0
90°	11.7	12.3	12.9	13.3	13.7	14.1	14.5
92.5°	11.7	12.3	12.8	13.0	13.1	13.4	13.5
95°	11.7	12.3	12.7	12.7	12.7	12.7	12.7
97.5°	18.3	14.6	12.7	12.7	12.7	12.7	12.7
100°	45.1	25.1	14.8	14.3	13.8	13.2	12.7
102.5°	122.8	119.0	112.5	103.4	94.2	85.1	76.0
105°	180.0	180.0	179.9	179.9	179.7	179.5	179.4
107.5°	228.0	228.0	227.8	227.4	227.0	226.6	226.2
110°	258.5	258.1	258.0	258.1	258.3	258.4	258.5



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	289.2	288.6	288.3	288.1	288.0	287.7	287.6
115°	335.5	334.9	334.3	333.5	332.6	331.8	331.0
117.5°	380.1	379.4	378.9	378.5	378.1	377.8	377.5
120°	409.4	409.1	408.6	408.0	407.3	406.7	405.9
122.5°	436.9	436.7	436.1	435.4	434.6	433.8	433.0
125°	476.9	476.3	475.8	475.4	475.0	474.7	474.3
127.5°	513.8	513.6	512.9	511.8	510.9	509.9	508.9
130°	537.7	537.3	536.7	536.1	535.4	534.7	534.0
132.5°	560.4	560.3	559.9	559.2	558.6	557.9	557.3
135°	593.0	592.8	592.2	591.4	590.6	589.8	589.0
137.5°	623.9	624.0	623.7	623.0	622.3	621.6	620.9
140°	642.9	643.3	642.9	642.1	641.4	640.6	639.8
142.5°	661.2	661.2	660.9	660.1	659.3	658.4	657.6
145°	687.3	687.4	687.1	686.2	685.4	684.7	683.9
147.5°	709.6	709.7	709.3	708.4	707.4	706.5	705.5
150°	723.9	724.2	723.8	722.7	721.6	720.6	719.5
152.5°	736.5	736.8	736.4	735.4	734.5	733.5	732.5
155°	753.9	754.3	754.0	752.9	751.9	750.8	749.7
157.5°	768.3	768.7	768.3	767.3	766.2	765.2	764.1
160°	777.3	777.8	777.6	776.5	775.4	774.4	773.2
162.5°	785.6	786.4	786.2	785.1	783.8	782.7	781.5
165°	796.2	797.0	796.9	795.8	794.8	793.7	792.6
167.5°	804.3	805.3	805.2	804.0	802.7	801.5	800.3
170°	808.5	809.6	809.5	808.3	807.1	805.8	804.7
172.5°	811.5	812.5	812.4	811.2	810.0	808.8	807.6
175°	815.1	816.2	816.1	815.0	813.8	812.5	811.3
177.5°	816.2	817.0	816.9	816.0	815.2	814.3	813.5
180°	815.0	815.0	815.0	815.0	815.0	815.0	815.0

(END OF REPORT)