

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: P333407-930

Luminaire Tested: **S125DIW-S850D770U930-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333407-930  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-11,  
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-A1  
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 850 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 770 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4986.4 lumens  
Efficiency: N/A  
Efficacy: 110.8 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

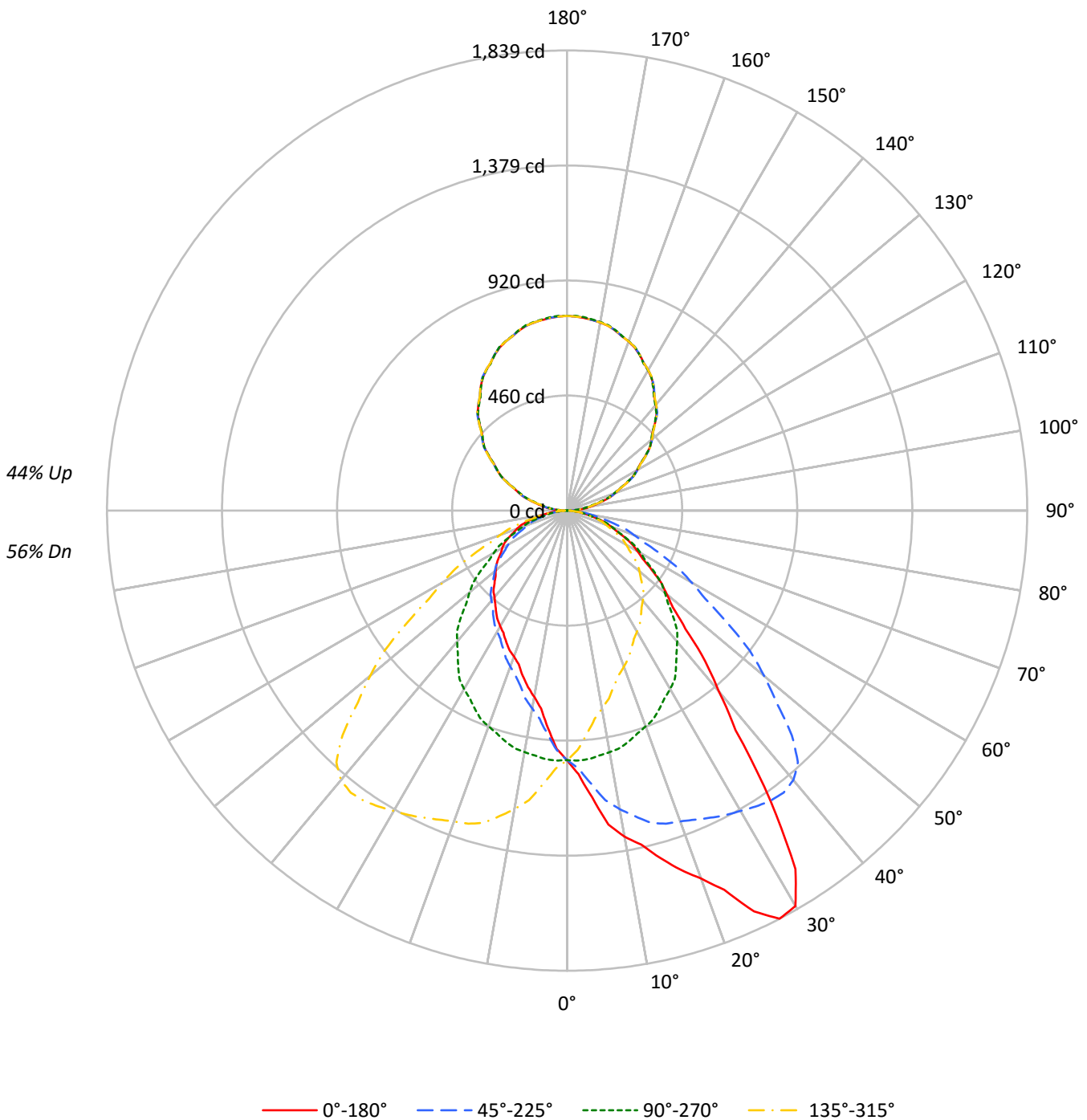
Input Watts (W): 45  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	50	30	10	0		
RCR																										
0	109	109	109	109	101	101	101	101	87	87	87	74	74	74	62	62	62	56								
1	100	95	91	88	92	89	85	82	77	74	72	66	64	62	55	54	53	48								
2	91	83	77	72	84	78	73	68	67	63	60	58	55	52	49	47	45	41								
3	83	74	66	60	77	69	62	57	60	55	51	51	48	44	44	41	38	35								
4	76	65	57	51	70	61	54	49	53	48	43	46	42	38	39	36	33	30								
5	70	58	50	44	65	55	47	42	48	42	38	41	37	33	35	32	29	26								
6	64	52	44	38	60	49	42	36	43	37	33	37	33	29	32	28	26	23								
7	60	47	39	34	55	44	37	32	39	33	29	34	29	26	29	26	23	20								
8	55	43	35	30	51	40	33	28	36	30	26	31	26	23	27	23	20	18								
9	51	39	32	27	48	37	30	25	33	27	23	29	24	21	25	21	18	16								
10	48	36	29	24	45	34	27	23	30	25	21	26	22	19	23	19	17	15								

**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	1.9
10°-20°	285.9	5.7
20°-30°	464.2	9.3
30°-40°	566.3	11.4
40°-50°	515.1	10.3
50°-60°	410.3	8.2
60°-70°	285.8	5.7
70°-80°	152.4	3.1
80°-90°	40.2	0.8
90°-100°	52.1	1.0
100°-110°	153.8	3.1
110°-120°	260.5	5.2
120°-130°	342.9	6.9
130°-140°	384.2	7.7
140°-150°	376.6	7.6
150°-160°	316.3	6.3
160°-170°	210.2	4.2
170°-180°	73.6	1.5
0°-30°	846.1	17.0
0°-40°	1412.4	28.3
0°-60°	2337.8	46.9
0°-90°	2816.2	56.5
90°-120°	466.4	9.4
90°-150°	1570.1	31.5
90°-180°	2170.0	43.5
0°-180°	4986.4	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	9
95°	52	39	52	39	52	53
105°	150	138	150	138	150	159
115°	263	261	263	261	263	260
125°	383	381	383	381	383	342
135°	497	495	497	495	497	383
145°	602	600	602	600	602	376
155°	686	686	686	686	686	316
165°	744	746	744	746	744	210
175°	773	776	773	776	773	73
180°	778	778	778	778	778	



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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	12.4	11.7	11.0	10.4	9.7	8.7
92.5°	28.5	28.3	28.0	27.7	27.4	26.8	25.9	25.0	24.1	23.2	22.1
95°	52.0	51.8	51.5	51.3	51.0	50.4	49.4	48.5	47.5	46.6	45.2
97.5°	78.9	78.8	78.6	78.4	78.3	77.8	76.9	76.0	75.1	74.2	72.3
100°	99.2	99.0	98.7	98.5	98.2	97.4	96.2	95.0	93.8	92.6	90.8
102.5°	119.6	119.2	118.9	118.5	118.1	117.2	115.9	114.6	113.3	111.9	111.0
105°	150.1	149.7	149.3	148.9	148.5	147.9	147.1	146.3	145.4	144.6	143.8
107.5°	181.3	181.3	181.4	181.4	181.4	181.2	180.8	180.4	180.0	179.6	179.0
110°	204.6	204.7	204.8	205.0	205.1	205.0	204.6	204.2	203.7	203.3	202.9



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	227.3	227.6	227.8	228.0	228.3	228.3	228.1	228.0	227.8	227.6	227.1
115°	263.3	263.4	263.6	263.7	263.8	263.9	264.1	264.2	264.3	264.5	264.2
117.5°	298.4	298.9	299.5	300.0	300.5	300.8	300.6	300.5	300.4	300.4	300.1
120°	322.6	323.1	323.7	324.2	324.7	325.0	325.0	325.0	325.0	325.0	324.9
122.5°	346.8	347.2	347.6	348.1	348.5	348.8	348.9	349.0	349.1	349.2	348.9
125°	383.1	383.3	383.4	383.5	383.7	383.8	384.1	384.4	384.7	384.9	384.8
127.5°	418.0	418.2	418.5	418.8	419.1	419.2	419.4	419.6	419.6	419.8	419.6
130°	441.2	441.5	441.7	442.1	442.3	442.5	442.6	442.8	442.9	443.0	442.8
132.5°	463.0	463.4	463.7	464.1	464.5	464.8	464.9	465.0	465.2	465.3	465.4
135°	496.9	497.4	498.0	498.5	499.0	499.3	499.3	499.3	499.3	499.3	499.2
137.5°	530.0	530.8	531.4	532.1	532.7	533.0	532.9	532.7	532.6	532.4	532.1
140°	551.4	552.0	552.7	553.4	554.1	554.2	554.0	553.8	553.4	553.2	552.8
142.5°	571.7	572.3	573.1	573.7	574.4	574.6	574.5	574.3	574.1	574.0	573.5
145°	602.2	602.6	603.0	603.4	603.8	604.1	604.1	604.1	604.1	604.1	603.6
147.5°	628.3	629.2	630.1	631.0	631.9	632.2	631.9	631.5	631.2	630.9	630.6
150°	647.6	647.8	648.2	648.4	648.7	648.8	648.8	648.8	648.8	648.8	648.2
152.5°	663.6	664.1	664.6	665.0	665.5	665.6	665.3	665.0	664.6	664.3	664.1
155°	686.3	687.0	687.7	688.4	689.0	689.1	688.5	688.0	687.5	687.0	686.8
157.5°	705.3	706.2	707.1	708.0	708.9	709.1	708.5	708.0	707.4	706.9	706.8
160°	718.4	719.1	719.7	720.4	721.1	721.1	720.6	720.1	719.6	719.0	718.8
162.5°	729.5	730.3	731.1	731.9	732.7	732.7	732.1	731.5	730.8	730.2	730.1
165°	744.4	745.3	746.1	746.9	747.6	747.8	747.3	746.7	746.2	745.7	745.5
167.5°	756.3	757.2	758.0	758.8	759.6	759.6	758.9	758.1	757.2	756.4	756.4
170°	762.6	763.5	764.5	765.4	766.4	766.5	765.6	764.8	764.0	763.2	763.2
172.5°	767.9	768.7	769.6	770.5	771.3	771.3	770.5	769.6	768.8	768.0	768.0
175°	772.9	773.8	774.8	775.7	776.7	776.7	775.9	775.1	774.3	773.5	773.5
177.5°	775.8	776.6	777.3	778.0	778.8	778.9	778.2	777.6	776.9	776.2	776.4
180°	777.7	777.7	777.7	777.7	777.7	777.7	777.7	777.7	777.7	777.7	777.7



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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	6.0	4.9	3.8	2.8	1.7	0.6	1.7	2.8	3.8
92.5°	21.0	19.8	18.6	17.7	16.9	16.1	15.4	14.7	15.4	16.1	16.9
95°	43.9	42.6	41.3	40.4	40.1	39.9	39.6	39.4	39.6	39.9	40.1
97.5°	70.5	68.6	66.8	65.8	65.7	65.6	65.5	65.4	65.5	65.6	65.7
100°	89.1	87.3	85.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
102.5°	110.2	109.3	108.4	107.7	107.1	106.6	106.1	105.6	106.1	106.6	107.1
105°	143.0	142.3	141.5	140.7	140.0	139.3	138.7	138.0	138.7	139.3	140.0
107.5°	178.4	177.8	177.2	176.5	175.9	175.2	174.5	173.8	174.5	175.2	175.9
110°	202.5	202.1	201.7	201.2	200.6	199.8	199.2	198.5	199.2	199.8	200.6





TEST NUMBER: P333407-930

CATALOG NUMBER: S125DIW-S850D770U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	226.6	226.0	225.5	225.1	224.8	224.4	224.0	223.7	224.0	224.4	224.8
115°	263.9	263.7	263.4	263.0	262.4	262.0	261.4	260.9	261.4	262.0	262.4
117.5°	299.9	299.6	299.4	299.1	298.9	298.6	298.4	298.2	298.4	298.6	298.9
120°	324.7	324.6	324.5	324.1	323.4	322.7	322.0	321.4	322.0	322.7	323.4
122.5°	348.5	348.1	347.8	347.6	347.3	347.1	346.8	346.6	346.8	347.1	347.3
125°	384.7	384.5	384.4	383.9	383.1	382.3	381.5	380.7	381.5	382.3	383.1
127.5°	419.5	419.3	419.1	418.8	418.4	417.9	417.4	417.0	417.4	417.9	418.4
130°	442.5	442.2	442.0	441.5	440.8	440.2	439.4	438.8	439.4	440.2	440.8
132.5°	465.4	465.5	465.5	465.0	463.9	462.8	461.7	460.6	461.7	462.8	463.9
135°	499.0	498.9	498.8	498.3	497.5	496.7	495.9	495.0	495.9	496.7	497.5
137.5°	531.7	531.5	531.2	530.7	529.9	529.0	528.3	527.5	528.3	529.0	529.9
140°	552.4	552.0	551.5	551.1	550.3	549.7	549.0	548.4	549.0	549.7	550.3
142.5°	573.0	572.5	571.9	571.4	570.9	570.3	569.7	569.2	569.7	570.3	570.9
145°	603.2	602.8	602.4	601.9	601.4	600.9	600.3	599.8	600.3	600.9	601.4
147.5°	630.2	629.9	629.6	629.3	629.0	628.7	628.4	628.1	628.4	628.7	629.0
150°	647.8	647.2	646.7	646.5	646.6	646.7	646.9	647.0	646.9	646.7	646.6
152.5°	663.9	663.7	663.4	663.2	663.1	662.8	662.7	662.5	662.7	662.8	663.1
155°	686.6	686.6	686.4	686.3	686.3	686.3	686.3	686.3	686.3	686.3	686.3
157.5°	706.6	706.5	706.4	706.5	706.8	707.0	707.4	707.7	707.4	707.0	706.8
160°	718.8	718.6	718.4	718.6	719.0	719.4	719.8	720.2	719.8	719.4	719.0
162.5°	730.1	730.1	730.0	730.2	730.5	730.8	731.1	731.4	731.1	730.8	730.5
165°	745.3	745.3	745.1	745.2	745.4	745.8	746.0	746.2	746.0	745.8	745.4
167.5°	756.4	756.4	756.4	756.7	757.2	757.7	758.3	758.9	758.3	757.7	757.2
170°	763.2	763.2	763.2	763.4	764.0	764.5	765.1	765.6	765.1	764.5	764.0
172.5°	768.0	768.0	768.0	768.3	768.8	769.4	769.9	770.5	769.9	769.4	768.8
175°	773.5	773.5	773.5	773.7	774.3	774.9	775.3	775.9	775.3	774.9	774.3
177.5°	776.5	776.6	776.7	777.0	777.4	777.8	778.3	778.7	778.3	777.8	777.4
180°	777.7	777.7	777.7	777.7	777.7	777.7	777.7	777.7	777.7	777.7	777.7



TEST NUMBER: P333407-930

CATALOG NUMBER: S125DIW-S850D770U930-4F0-1E-UDD-A1

**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	6.0	6.8	7.8	8.7	9.7	10.4	11.0	11.7	12.4	12.9
92.5°	17.7	18.6	19.8	21.0	22.1	23.2	24.1	25.0	25.9	26.8	27.4
95°	40.4	41.3	42.6	43.9	45.2	46.6	47.5	48.5	49.4	50.4	51.0
97.5°	65.8	66.8	68.6	70.5	72.3	74.2	75.1	76.0	76.9	77.8	78.3
100°	84.7	85.6	87.3	89.1	90.8	92.6	93.8	95.0	96.2	97.4	98.2
102.5°	107.7	108.4	109.3	110.2	111.0	111.9	113.3	114.6	115.9	117.2	118.1
105°	140.7	141.5	142.3	143.0	143.8	144.6	145.4	146.3	147.1	147.9	148.5
107.5°	176.5	177.2	177.8	178.4	179.0	179.6	180.0	180.4	180.8	181.2	181.4
110°	201.2	201.7	202.1	202.5	202.9	203.3	203.7	204.2	204.6	205.0	205.1



TEST NUMBER: P333407-930

CATALOG NUMBER: S125DIW-S850D770U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	225.1	225.5	226.0	226.6	227.1	227.6	227.8	228.0	228.1	228.3	228.3
115°	263.0	263.4	263.7	263.9	264.2	264.5	264.3	264.2	264.1	263.9	263.8
117.5°	299.1	299.4	299.6	299.9	300.1	300.4	300.4	300.5	300.6	300.8	300.5
120°	324.1	324.5	324.6	324.7	324.9	325.0	325.0	325.0	325.0	325.0	324.7
122.5°	347.6	347.8	348.1	348.5	348.9	349.2	349.1	349.0	348.9	348.8	348.5
125°	383.9	384.4	384.5	384.7	384.8	384.9	384.7	384.4	384.1	383.8	383.7
127.5°	418.8	419.1	419.3	419.5	419.6	419.8	419.6	419.6	419.4	419.2	419.1
130°	441.5	442.0	442.2	442.5	442.8	443.0	442.9	442.8	442.6	442.5	442.3
132.5°	465.0	465.5	465.5	465.4	465.4	465.3	465.2	465.0	464.9	464.8	464.5
135°	498.3	498.8	498.9	499.0	499.2	499.3	499.3	499.3	499.3	499.3	499.0
137.5°	530.7	531.2	531.5	531.7	532.1	532.4	532.6	532.7	532.9	533.0	532.7
140°	551.1	551.5	552.0	552.4	552.8	553.2	553.4	553.8	554.0	554.2	554.1
142.5°	571.4	571.9	572.5	573.0	573.5	574.0	574.1	574.3	574.5	574.6	574.4
145°	601.9	602.4	602.8	603.2	603.6	604.1	604.1	604.1	604.1	604.1	603.8
147.5°	629.3	629.6	629.9	630.2	630.6	630.9	631.2	631.5	631.9	632.2	631.9
150°	646.5	646.7	647.2	647.8	648.2	648.8	648.8	648.8	648.8	648.8	648.7
152.5°	663.2	663.4	663.7	663.9	664.1	664.3	664.6	665.0	665.3	665.6	665.5
155°	686.3	686.4	686.6	686.6	686.8	687.0	687.5	688.0	688.5	689.1	689.0
157.5°	706.5	706.4	706.5	706.6	706.8	706.9	707.4	708.0	708.5	709.1	708.9
160°	718.6	718.4	718.6	718.8	718.8	719.0	719.6	720.1	720.6	721.1	721.1
162.5°	730.2	730.0	730.1	730.1	730.1	730.2	730.8	731.5	732.1	732.7	732.7
165°	745.2	745.1	745.3	745.3	745.5	745.7	746.2	746.7	747.3	747.8	747.6
167.5°	756.7	756.4	756.4	756.4	756.4	756.4	757.2	758.1	758.9	759.6	759.6
170°	763.4	763.2	763.2	763.2	763.2	763.2	764.0	764.8	765.6	766.5	766.4
172.5°	768.3	768.0	768.0	768.0	768.0	768.0	768.8	769.6	770.5	771.3	771.3
175°	773.7	773.5	773.5	773.5	773.5	773.5	774.3	775.1	775.9	776.7	776.7
177.5°	777.0	776.7	776.6	776.5	776.4	776.2	776.9	777.6	778.2	778.9	778.8
180°	777.7	777.7	777.7	777.7	777.7	777.7	777.7	777.7	777.7	777.7	777.7



TEST NUMBER: P333407-930

CATALOG NUMBER: S125DIW-S850D770U930-4F0-1E-UDD-A1

**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	12.4	11.7	11.0
92.5°	27.7	28.0	28.3	28.5	28.3	28.0	27.7	27.4	26.8	25.9	25.0
95°	51.3	51.5	51.8	52.0	51.8	51.5	51.3	51.0	50.4	49.4	48.5
97.5°	78.4	78.6	78.8	78.9	78.8	78.6	78.4	78.3	77.8	76.9	76.0
100°	98.5	98.7	99.0	99.2	99.0	98.7	98.5	98.2	97.4	96.2	95.0
102.5°	118.5	118.9	119.2	119.6	119.2	118.9	118.5	118.1	117.2	115.9	114.6
105°	148.9	149.3	149.7	150.1	149.7	149.3	148.9	148.5	147.9	147.1	146.3
107.5°	181.4	181.4	181.3	181.3	181.3	181.4	181.4	181.4	181.2	180.8	180.4
110°	205.0	204.8	204.7	204.6	204.7	204.8	205.0	205.1	205.0	204.6	204.2



TEST NUMBER: P333407-930

CATALOG NUMBER: S125DIW-S850D770U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	228.0	227.8	227.6	227.3	227.6	227.8	228.0	228.3	228.3	228.1	228.0
115°	263.7	263.6	263.4	263.3	263.4	263.6	263.7	263.8	263.9	264.1	264.2
117.5°	300.0	299.5	298.9	298.4	298.9	299.5	300.0	300.5	300.8	300.6	300.5
120°	324.2	323.7	323.1	322.6	323.1	323.7	324.2	324.7	325.0	325.0	325.0
122.5°	348.1	347.6	347.2	346.8	347.2	347.6	348.1	348.5	348.8	348.9	349.0
125°	383.5	383.4	383.3	383.1	383.3	383.4	383.5	383.7	383.8	384.1	384.4
127.5°	418.8	418.5	418.2	418.0	418.2	418.5	418.8	419.1	419.2	419.4	419.6
130°	442.1	441.7	441.5	441.2	441.5	441.7	442.1	442.3	442.5	442.6	442.8
132.5°	464.1	463.7	463.4	463.0	463.4	463.7	464.1	464.5	464.8	464.9	465.0
135°	498.5	498.0	497.4	496.9	497.4	498.0	498.5	499.0	499.3	499.3	499.3
137.5°	532.1	531.4	530.8	530.0	530.8	531.4	532.1	532.7	533.0	532.9	532.7
140°	553.4	552.7	552.0	551.4	552.0	552.7	553.4	554.1	554.2	554.0	553.8
142.5°	573.7	573.1	572.3	571.7	572.3	573.1	573.7	574.4	574.6	574.5	574.3
145°	603.4	603.0	602.6	602.2	602.6	603.0	603.4	603.8	604.1	604.1	604.1
147.5°	631.0	630.1	629.2	628.3	629.2	630.1	631.0	631.9	632.2	631.9	631.5
150°	648.4	648.2	647.8	647.6	647.8	648.2	648.4	648.7	648.8	648.8	648.8
152.5°	665.0	664.6	664.1	663.6	664.1	664.6	665.0	665.5	665.6	665.3	665.0
155°	688.4	687.7	687.0	686.3	687.0	687.7	688.4	689.0	689.1	688.5	688.0
157.5°	708.0	707.1	706.2	705.3	706.2	707.1	708.0	708.9	709.1	708.5	708.0
160°	720.4	719.7	719.1	718.4	719.1	719.7	720.4	721.1	721.1	720.6	720.1
162.5°	731.9	731.1	730.3	729.5	730.3	731.1	731.9	732.7	732.7	732.1	731.5
165°	746.9	746.1	745.3	744.4	745.3	746.1	746.9	747.6	747.8	747.3	746.7
167.5°	758.8	758.0	757.2	756.3	757.2	758.0	758.8	759.6	759.6	758.9	758.1
170°	765.4	764.5	763.5	762.6	763.5	764.5	765.4	766.4	766.5	765.6	764.8
172.5°	770.5	769.6	768.7	767.9	768.7	769.6	770.5	771.3	771.3	770.5	769.6
175°	775.7	774.8	773.8	772.9	773.8	774.8	775.7	776.7	776.7	775.9	775.1
177.5°	778.0	777.3	776.6	775.8	776.6	777.3	778.0	778.8	778.9	778.2	777.6
180°	777.7	777.7	777.7	777.7	777.7	777.7	777.7	777.7	777.7	777.7	777.7



TEST NUMBER: P333407-930

CATALOG NUMBER: S125DIW-S850D770U930-4F0-1E-UDD-A1

**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	6.0	4.9	3.8	2.8	1.7	0.6
92.5°	24.1	23.2	22.1	21.0	19.8	18.6	17.7	16.9	16.1	15.4	14.7
95°	47.5	46.6	45.2	43.9	42.6	41.3	40.4	40.1	39.9	39.6	39.4
97.5°	75.1	74.2	72.3	70.5	68.6	66.8	65.8	65.7	65.6	65.5	65.4
100°	93.8	92.6	90.8	89.1	87.3	85.6	84.7	84.7	84.7	84.7	84.7
102.5°	113.3	111.9	111.0	110.2	109.3	108.4	107.7	107.1	106.6	106.1	105.6
105°	145.4	144.6	143.8	143.0	142.3	141.5	140.7	140.0	139.3	138.7	138.0
107.5°	180.0	179.6	179.0	178.4	177.8	177.2	176.5	175.9	175.2	174.5	173.8
110°	203.7	203.3	202.9	202.5	202.1	201.7	201.2	200.6	199.8	199.2	198.5



TEST NUMBER: P333407-930

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**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	227.8	227.6	227.1	226.6	226.0	225.5	225.1	224.8	224.4	224.0	223.7
115°	264.3	264.5	264.2	263.9	263.7	263.4	263.0	262.4	262.0	261.4	260.9
117.5°	300.4	300.4	300.1	299.9	299.6	299.4	299.1	298.9	298.6	298.4	298.2
120°	325.0	325.0	324.9	324.7	324.6	324.5	324.1	323.4	322.7	322.0	321.4
122.5°	349.1	349.2	348.9	348.5	348.1	347.8	347.6	347.3	347.1	346.8	346.6
125°	384.7	384.9	384.8	384.7	384.5	384.4	383.9	383.1	382.3	381.5	380.7
127.5°	419.6	419.8	419.6	419.5	419.3	419.1	418.8	418.4	417.9	417.4	417.0
130°	442.9	443.0	442.8	442.5	442.2	442.0	441.5	440.8	440.2	439.4	438.8
132.5°	465.2	465.3	465.4	465.4	465.5	465.5	465.0	463.9	462.8	461.7	460.6
135°	499.3	499.3	499.2	499.0	498.9	498.8	498.3	497.5	496.7	495.9	495.0
137.5°	532.6	532.4	532.1	531.7	531.5	531.2	530.7	529.9	529.0	528.3	527.5
140°	553.4	553.2	552.8	552.4	552.0	551.5	551.1	550.3	549.7	549.0	548.4
142.5°	574.1	574.0	573.5	573.0	572.5	571.9	571.4	570.9	570.3	569.7	569.2
145°	604.1	604.1	603.6	603.2	602.8	602.4	601.9	601.4	600.9	600.3	599.8
147.5°	631.2	630.9	630.6	630.2	629.9	629.6	629.3	629.0	628.7	628.4	628.1
150°	648.8	648.8	648.2	647.8	647.2	646.7	646.5	646.6	646.7	646.9	647.0
152.5°	664.6	664.3	664.1	663.9	663.7	663.4	663.2	663.1	662.8	662.7	662.5
155°	687.5	687.0	686.8	686.6	686.6	686.4	686.3	686.3	686.3	686.3	686.3
157.5°	707.4	706.9	706.8	706.6	706.5	706.4	706.5	706.8	707.0	707.4	707.7
160°	719.6	719.0	718.8	718.8	718.6	718.4	718.6	719.0	719.4	719.8	720.2
162.5°	730.8	730.2	730.1	730.1	730.1	730.0	730.2	730.5	730.8	731.1	731.4
165°	746.2	745.7	745.5	745.3	745.3	745.1	745.2	745.4	745.8	746.0	746.2
167.5°	757.2	756.4	756.4	756.4	756.4	756.4	756.7	757.2	757.7	758.3	758.9
170°	764.0	763.2	763.2	763.2	763.2	763.2	763.4	764.0	764.5	765.1	765.6
172.5°	768.8	768.0	768.0	768.0	768.0	768.0	768.3	768.8	769.4	769.9	770.5
175°	774.3	773.5	773.5	773.5	773.5	773.5	773.7	774.3	774.9	775.3	775.9
177.5°	776.9	776.2	776.4	776.5	776.6	776.7	777.0	777.4	777.8	778.3	778.7
180°	777.7	777.7	777.7	777.7	777.7	777.7	777.7	777.7	777.7	777.7	777.7



TEST NUMBER: P333407-930

CATALOG NUMBER: S125DIW-S850D770U930-4F0-1E-UDD-A1

**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	6.0	6.8	7.8	8.7	9.7	10.4	11.0
92.5°	15.4	16.1	16.9	17.7	18.6	19.8	21.0	22.1	23.2	24.1	25.0
95°	39.6	39.9	40.1	40.4	41.3	42.6	43.9	45.2	46.6	47.5	48.5
97.5°	65.5	65.6	65.7	65.8	66.8	68.6	70.5	72.3	74.2	75.1	76.0
100°	84.7	84.7	84.7	84.7	85.6	87.3	89.1	90.8	92.6	93.8	95.0
102.5°	106.1	106.6	107.1	107.7	108.4	109.3	110.2	111.0	111.9	113.3	114.6
105°	138.7	139.3	140.0	140.7	141.5	142.3	143.0	143.8	144.6	145.4	146.3
107.5°	174.5	175.2	175.9	176.5	177.2	177.8	178.4	179.0	179.6	180.0	180.4
110°	199.2	199.8	200.6	201.2	201.7	202.1	202.5	202.9	203.3	203.7	204.2





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**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	224.0	224.4	224.8	225.1	225.5	226.0	226.6	227.1	227.6	227.8	228.0
115°	261.4	262.0	262.4	263.0	263.4	263.7	263.9	264.2	264.5	264.3	264.2
117.5°	298.4	298.6	298.9	299.1	299.4	299.6	299.9	300.1	300.4	300.4	300.5
120°	322.0	322.7	323.4	324.1	324.5	324.6	324.7	324.9	325.0	325.0	325.0
122.5°	346.8	347.1	347.3	347.6	347.8	348.1	348.5	348.9	349.2	349.1	349.0
125°	381.5	382.3	383.1	383.9	384.4	384.5	384.7	384.8	384.9	384.7	384.4
127.5°	417.4	417.9	418.4	418.8	419.1	419.3	419.5	419.6	419.8	419.6	419.6
130°	439.4	440.2	440.8	441.5	442.0	442.2	442.5	442.8	443.0	442.9	442.8
132.5°	461.7	462.8	463.9	465.0	465.5	465.5	465.4	465.4	465.3	465.2	465.0
135°	495.9	496.7	497.5	498.3	498.8	498.9	499.0	499.2	499.3	499.3	499.3
137.5°	528.3	529.0	529.9	530.7	531.2	531.5	531.7	532.1	532.4	532.6	532.7
140°	549.0	549.7	550.3	551.1	551.5	552.0	552.4	552.8	553.2	553.4	553.8
142.5°	569.7	570.3	570.9	571.4	571.9	572.5	573.0	573.5	574.0	574.1	574.3
145°	600.3	600.9	601.4	601.9	602.4	602.8	603.2	603.6	604.1	604.1	604.1
147.5°	628.4	628.7	629.0	629.3	629.6	629.9	630.2	630.6	630.9	631.2	631.5
150°	646.9	646.7	646.6	646.5	646.7	647.2	647.8	648.2	648.8	648.8	648.8
152.5°	662.7	662.8	663.1	663.2	663.4	663.7	663.9	664.1	664.3	664.6	665.0
155°	686.3	686.3	686.3	686.3	686.4	686.6	686.6	686.8	687.0	687.5	688.0
157.5°	707.4	707.0	706.8	706.5	706.4	706.5	706.6	706.8	706.9	707.4	708.0
160°	719.8	719.4	719.0	718.6	718.4	718.6	718.8	718.8	719.0	719.6	720.1
162.5°	731.1	730.8	730.5	730.2	730.0	730.1	730.1	730.1	730.2	730.8	731.5
165°	746.0	745.8	745.4	745.2	745.1	745.3	745.3	745.5	745.7	746.2	746.7
167.5°	758.3	757.7	757.2	756.7	756.4	756.4	756.4	756.4	756.4	757.2	758.1
170°	765.1	764.5	764.0	763.4	763.2	763.2	763.2	763.2	763.2	764.0	764.8
172.5°	769.9	769.4	768.8	768.3	768.0	768.0	768.0	768.0	768.0	768.8	769.6
175°	775.3	774.9	774.3	773.7	773.5	773.5	773.5	773.5	773.5	774.3	775.1
177.5°	778.3	777.8	777.4	777.0	776.7	776.6	776.5	776.4	776.2	776.9	777.6
180°	777.7	777.7	777.7	777.7	777.7	777.7	777.7	777.7	777.7	777.7	777.7



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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	12.4	12.9	13.3	13.7	14.1	14.5
92.5°	25.9	26.8	27.4	27.7	28.0	28.3	28.5
95°	49.4	50.4	51.0	51.3	51.5	51.8	52.0
97.5°	76.9	77.8	78.3	78.4	78.6	78.8	78.9
100°	96.2	97.4	98.2	98.5	98.7	99.0	99.2
102.5°	115.9	117.2	118.1	118.5	118.9	119.2	119.6
105°	147.1	147.9	148.5	148.9	149.3	149.7	150.1
107.5°	180.8	181.2	181.4	181.4	181.4	181.3	181.3
110°	204.6	205.0	205.1	205.0	204.8	204.7	204.6



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	228.1	228.3	228.3	228.0	227.8	227.6	227.3
115°	264.1	263.9	263.8	263.7	263.6	263.4	263.3
117.5°	300.6	300.8	300.5	300.0	299.5	298.9	298.4
120°	325.0	325.0	324.7	324.2	323.7	323.1	322.6
122.5°	348.9	348.8	348.5	348.1	347.6	347.2	346.8
125°	384.1	383.8	383.7	383.5	383.4	383.3	383.1
127.5°	419.4	419.2	419.1	418.8	418.5	418.2	418.0
130°	442.6	442.5	442.3	442.1	441.7	441.5	441.2
132.5°	464.9	464.8	464.5	464.1	463.7	463.4	463.0
135°	499.3	499.3	499.0	498.5	498.0	497.4	496.9
137.5°	532.9	533.0	532.7	532.1	531.4	530.8	530.0
140°	554.0	554.2	554.1	553.4	552.7	552.0	551.4
142.5°	574.5	574.6	574.4	573.7	573.1	572.3	571.7
145°	604.1	604.1	603.8	603.4	603.0	602.6	602.2
147.5°	631.9	632.2	631.9	631.0	630.1	629.2	628.3
150°	648.8	648.8	648.7	648.4	648.2	647.8	647.6
152.5°	665.3	665.6	665.5	665.0	664.6	664.1	663.6
155°	688.5	689.1	689.0	688.4	687.7	687.0	686.3
157.5°	708.5	709.1	708.9	708.0	707.1	706.2	705.3
160°	720.6	721.1	721.1	720.4	719.7	719.1	718.4
162.5°	732.1	732.7	732.7	731.9	731.1	730.3	729.5
165°	747.3	747.8	747.6	746.9	746.1	745.3	744.4
167.5°	758.9	759.6	759.6	758.8	758.0	757.2	756.3
170°	765.6	766.5	766.4	765.4	764.5	763.5	762.6
172.5°	770.5	771.3	771.3	770.5	769.6	768.7	767.9
175°	775.9	776.7	776.7	775.7	774.8	773.8	772.9
177.5°	778.2	778.9	778.8	778.0	777.3	776.6	775.8
180°	777.7	777.7	777.7	777.7	777.7	777.7	777.7

(END OF REPORT)