

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: P333188-927

Luminaire Tested: **S125DIP-S610D1035U927-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333188-927  
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: S125DIP-S610D1035U927-4F0-1E-UDD-A1  
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 610 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 1035 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4838.7 lumens  
Efficiency: N/A  
Efficacy: 108.7 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

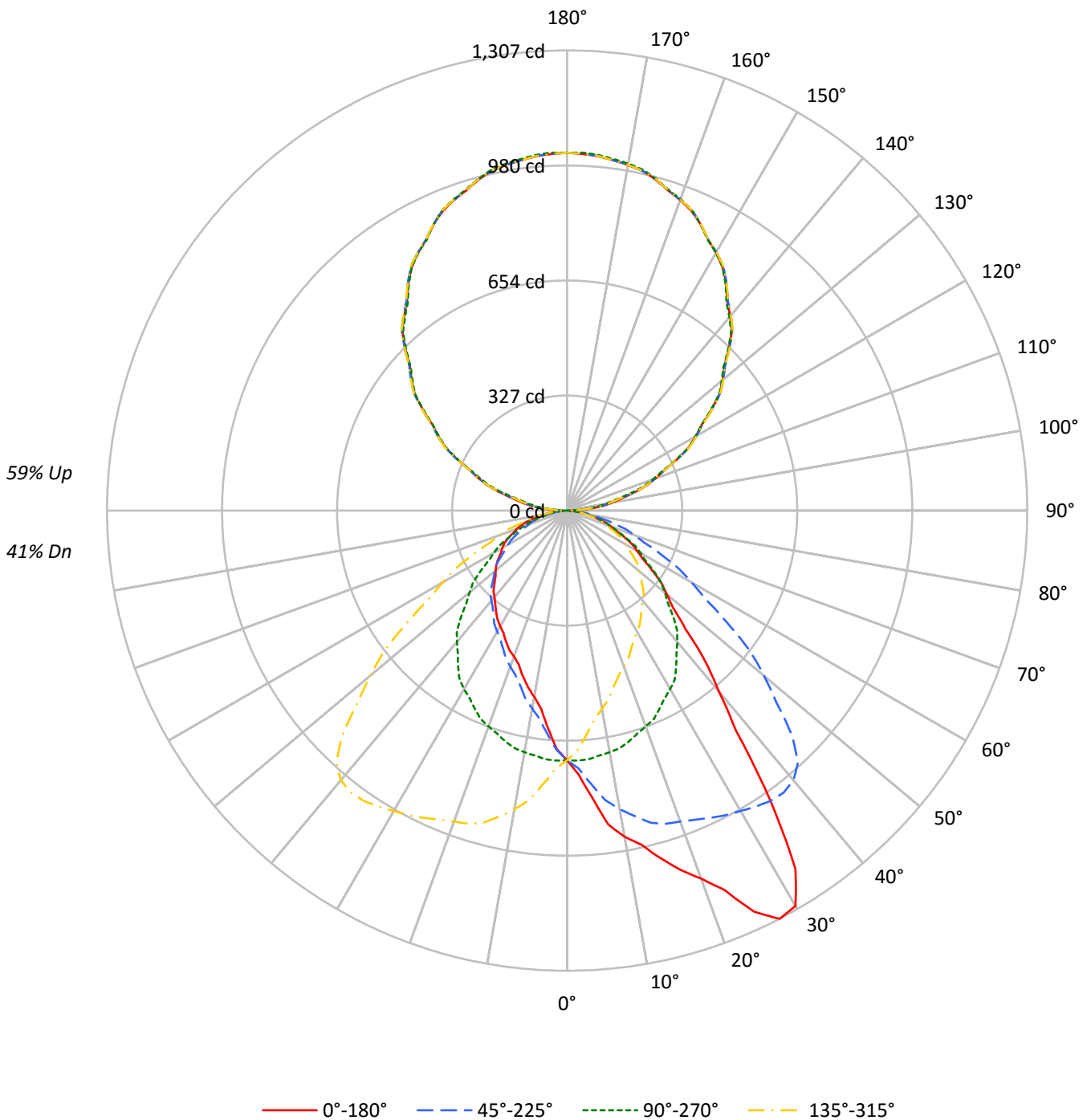
Input Watts (W): 44.5  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P333188-927

CATALOG NUMBER: S125DIP-S610D1035U927-4F0-1E-UDD-A1

### Luminous Intensity Polar Plot





TEST NUMBER: P333188-927

CATALOG NUMBER: S125DIP-S610D1035U927-4F0-1E-UDD-A1

**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	0
RCR																		
0	105	105	105	105	96	96	96	96	79	79	79	63	63	63	48	48	48	41
1	96	92	88	85	87	84	81	78	69	67	65	55	54	53	43	42	41	35
2	88	80	74	69	80	74	68	64	61	57	54	49	46	44	38	36	35	30
3	80	71	64	58	73	65	59	54	54	49	45	43	40	37	34	32	30	25
4	73	63	55	49	66	57	51	46	48	43	39	39	35	32	30	28	26	22
5	67	56	48	42	61	51	44	39	43	37	33	35	31	28	27	25	22	19
6	62	50	42	36	56	46	39	34	38	33	29	31	27	24	25	22	20	17
7	57	45	37	32	52	42	35	30	35	29	26	28	25	22	23	20	18	15
8	53	41	33	28	48	38	31	26	32	26	23	26	22	19	21	18	16	13
9	49	37	30	25	45	34	28	23	29	24	20	24	20	17	19	16	14	12
10	46	34	27	22	42	32	25	21	27	22	18	22	18	16	18	15	13	11

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	4579	4579	4579	4579
5°	5302	4595	4023	4595
10°	6169	4571	3525	4571
15°	6829	4537	3251	4537
20°	7644	4484	3032	4484
25°	8955	4424	2925	4424
30°	9672	4365	2832	4365
35°	7953	4254	2771	4254
40°	5653	4100	2705	4100
45°	4343	3892	2666	3892
50°	3706	3634	2661	3634
55°	3300	3381	2684	3381
60°	2977	3105	2753	3105
65°	2751	2829	2823	2829
70°	2500	2540	2865	2540
75°	2208	2238	2840	2238
80°	1860	1822	2596	1822
85°	1475	1312	2097	1312



TEST NUMBER: P333188-927

CATALOG NUMBER: S125DIP-S610D1035U927-4F0-1E-UDD-A1

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	68.3	1.4
10°-20°	203.2	4.2
20°-30°	330.0	6.8
30°-40°	402.5	8.3
40°-50°	366.2	7.6
50°-60°	291.7	6.0
60°-70°	203.2	4.2
70°-80°	108.3	2.2
80°-90°	29.6	0.6
90°-100°	68.1	1.4
100°-110°	201.0	4.2
110°-120°	340.5	7.0
120°-130°	448.1	9.3
130°-140°	502.1	10.4
140°-150°	492.1	10.2
150°-160°	413.3	8.5
160°-170°	274.7	5.7
170°-180°	96.1	2.0
0°-30°	601.5	12.4
0°-40°	1004.0	20.7
0°-60°	1661.8	34.3
0°-90°	2002.9	41.4
90°-120°	609.5	12.6
90°-150°	2051.7	42.4
90°-180°	2836.0	58.6
0°-180°	4838.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	709	709	709	709	709	
5°	818	709	620	709	818	82
15°	1021	679	486	679	1021	292
25°	1257	621	410	621	1257	574
35°	1009	540	352	540	1009	617
45°	476	426	292	426	476	381
55°	293	300	238	300	293	264
65°	180	185	185	185	180	179
75°	88	90	114	90	88	95
85°	20	18	28	18	20	23
90°	19	1	19	1	19	12
95°	68	51	68	51	68	69
105°	196	180	196	180	196	208
115°	344	341	344	341	344	340
125°	501	498	501	498	501	447
135°	649	647	649	647	649	501
145°	787	784	787	784	787	491
155°	897	897	897	897	897	413
165°	973	975	973	975	973	274
175°	1010	1014	1010	1014	1010	96
180°	1016	1016	1016	1016	1016	



TEST NUMBER: P333188-927

CATALOG NUMBER: S125DIP-S610D1035U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0
2.5°	750.0	748.9	748.0	746.1	747.5	743.4	741.5	738.2	734.0	732.6	730.9
5°	817.9	819.4	820.9	814.6	815.2	811.0	801.4	793.5	787.3	779.1	773.4
7.5°	899.8	896.2	896.0	891.8	884.8	879.2	869.0	856.1	843.7	829.5	817.8
10°	940.7	941.0	938.3	933.5	926.0	920.5	907.3	894.7	879.3	861.3	848.3
12.5°	971.5	972.8	969.4	962.9	959.2	947.1	936.7	921.6	903.4	889.0	869.3
15°	1021.4	1018.0	1015.7	1007.5	1001.2	988.6	972.0	956.3	936.5	918.1	899.8
17.5°	1069.4	1072.1	1067.5	1060.1	1040.5	1025.7	1003.5	982.1	957.4	932.8	910.9
20°	1112.2	1114.7	1107.7	1094.8	1071.3	1056.5	1027.4	999.7	971.1	939.5	915.4
22.5°	1165.7	1163.8	1154.4	1134.7	1114.4	1087.1	1055.6	1021.8	986.0	950.3	918.3
25°	1256.7	1244.0	1238.3	1213.9	1187.2	1147.2	1103.8	1054.5	1010.0	962.7	921.8
27.5°	1307.1	1303.1	1296.8	1279.8	1251.6	1208.9	1157.8	1097.6	1034.7	975.2	921.5
30°	1297.0	1297.6	1298.2	1292.8	1274.8	1242.5	1191.7	1127.0	1052.3	985.2	923.3
32.5°	1207.4	1218.4	1228.9	1241.3	1246.3	1240.2	1208.3	1149.9	1073.1	996.8	922.3
35°	1008.7	1012.0	1046.1	1079.7	1125.5	1161.0	1184.8	1158.9	1094.2	1006.6	921.1
37.5°	786.5	802.8	826.3	864.4	930.4	989.5	1065.6	1100.5	1079.6	1009.8	919.0
40°	670.5	685.6	700.8	739.7	795.4	867.0	953.3	1027.1	1044.3	999.7	911.8
42.5°	580.9	592.9	609.9	639.1	685.6	749.0	831.6	927.9	987.1	970.3	896.7
45°	475.5	483.0	496.2	519.4	553.1	602.8	675.6	780.9	872.7	903.1	860.6
47.5°	406.9	406.9	417.2	433.2	457.6	499.7	553.6	636.1	734.1	806.7	803.3
50°	368.9	367.4	375.6	389.4	408.7	436.7	488.1	554.1	648.2	730.4	753.2
52.5°	336.2	336.4	341.4	351.6	367.7	391.7	430.1	489.5	570.0	654.3	697.4
55°	293.1	291.9	297.6	304.5	316.3	331.9	359.7	405.0	470.3	553.4	609.3
57.5°	253.7	256.9	259.2	264.0	273.8	284.2	307.6	341.0	392.8	464.1	523.2
60°	230.5	233.9	235.6	240.4	248.3	257.3	275.4	302.5	346.1	407.5	466.1
62.5°	209.8	212.4	213.0	217.3	223.7	232.5	246.7	269.4	304.0	357.6	415.1
65°	180.0	180.0	181.2	185.7	188.7	196.5	207.3	223.9	251.6	293.4	342.5
67.5°	151.1	152.7	152.3	154.3	157.1	163.2	171.0	184.6	205.1	235.6	274.9
70°	132.4	133.6	133.3	134.8	137.8	141.7	148.1	161.0	175.7	201.9	235.6
72.5°	115.6	116.1	115.3	117.2	119.1	122.5	129.5	136.4	150.2	172.3	200.0
75°	88.5	89.0	89.7	90.9	92.7	94.5	98.1	105.0	114.1	130.6	148.4
77.5°	66.3	65.2	66.6	66.5	67.5	68.8	72.0	75.7	83.1	93.6	107.3
80°	50.0	50.2	50.2	50.5	52.0	53.0	55.7	58.4	64.1	71.9	81.5
82.5°	36.4	37.2	36.8	37.3	38.6	39.2	40.7	42.9	46.3	52.4	59.4
85°	19.9	18.4	18.9	19.6	19.6	19.9	21.1	21.9	23.8	26.1	28.9
87.5°	9.6	10.0	10.1	10.0	10.1	10.0	10.8	10.6	11.2	11.6	12.4
90°	19.0	18.5	17.9	17.4	16.9	16.2	15.3	14.4	13.5	12.7	11.4
92.5°	37.3	36.9	36.5	36.2	35.8	35.0	33.8	32.7	31.5	30.3	28.8
95°	68.0	67.7	67.3	66.9	66.6	65.8	64.6	63.4	62.1	60.9	59.2
97.5°	103.1	102.9	102.7	102.5	102.3	101.6	100.4	99.3	98.2	97.0	94.5
100°	129.7	129.4	129.0	128.7	128.3	127.3	125.7	124.1	122.6	121.0	118.7
102.5°	156.3	155.8	155.3	154.8	154.3	153.2	151.5	149.7	148.1	146.3	145.1
105°	196.1	195.6	195.1	194.6	194.0	193.2	192.2	191.2	190.0	189.0	188.0
107.5°	236.9	237.0	237.0	237.0	237.1	236.9	236.3	235.8	235.3	234.7	233.9
110°	267.3	267.5	267.7	267.8	268.0	267.8	267.3	266.8	266.3	265.7	265.2



TEST NUMBER: P333188-927

CATALOG NUMBER: S125DIP-S610D1035U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	297.1	297.4	297.7	298.0	298.3	298.3	298.1	297.9	297.6	297.4	296.7
115°	344.0	344.2	344.4	344.5	344.8	344.9	345.1	345.2	345.5	345.6	345.2
117.5°	389.9	390.6	391.3	392.0	392.7	393.0	392.8	392.7	392.6	392.4	392.1
120°	421.5	422.2	422.9	423.7	424.4	424.7	424.7	424.7	424.7	424.7	424.5
122.5°	453.2	453.8	454.3	454.9	455.4	455.7	455.9	456.1	456.2	456.3	455.9
125°	500.7	500.8	501.0	501.1	501.3	501.6	501.9	502.3	502.6	503.0	502.8
127.5°	546.2	546.5	546.8	547.2	547.6	547.9	548.0	548.2	548.3	548.6	548.3
130°	576.6	576.9	577.3	577.6	578.0	578.2	578.4	578.5	578.8	578.9	578.5
132.5°	605.0	605.5	606.0	606.5	607.0	607.3	607.5	607.7	607.8	608.0	608.1
135°	649.3	650.0	650.7	651.4	652.1	652.4	652.4	652.4	652.4	652.4	652.3
137.5°	692.7	693.6	694.4	695.3	696.2	696.5	696.2	696.1	695.9	695.6	695.3
140°	720.5	721.4	722.2	723.1	724.0	724.3	723.9	723.6	723.2	722.9	722.3
142.5°	747.0	748.0	748.8	749.7	750.6	750.9	750.7	750.5	750.3	750.0	749.4
145°	787.0	787.4	788.0	788.5	789.0	789.3	789.3	789.3	789.3	789.3	788.8
147.5°	820.9	822.1	823.3	824.5	825.7	826.1	825.7	825.2	824.8	824.4	823.9
150°	846.2	846.6	846.9	847.3	847.6	847.8	847.8	847.8	847.8	847.8	847.1
152.5°	867.1	867.8	868.4	869.0	869.7	869.7	869.3	868.9	868.5	868.1	867.8
155°	896.8	897.7	898.6	899.5	900.4	900.5	899.8	899.0	898.3	897.6	897.5
157.5°	921.7	922.8	924.0	925.2	926.3	926.5	925.8	925.1	924.5	923.8	923.6
160°	938.7	939.7	940.6	941.4	942.3	942.4	941.7	941.0	940.2	939.5	939.4
162.5°	953.3	954.3	955.4	956.4	957.4	957.5	956.6	955.8	955.0	954.1	954.1
165°	972.8	973.8	974.9	976.0	977.0	977.2	976.4	975.7	975.1	974.4	974.1
167.5°	988.2	989.4	990.5	991.6	992.6	992.7	991.6	990.5	989.5	988.4	988.4
170°	996.5	997.8	998.9	1000.2	1001.4	1001.5	1000.4	999.4	998.4	997.3	997.3
172.5°	1003.5	1004.6	1005.7	1006.7	1007.8	1007.8	1006.8	1005.8	1004.6	1003.6	1003.6
175°	1010.0	1011.1	1012.4	1013.7	1014.9	1014.9	1013.9	1012.9	1011.8	1010.7	1010.7
177.5°	1013.8	1014.7	1015.7	1016.7	1017.7	1017.7	1016.9	1016.1	1015.3	1014.4	1014.5
180°	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3



TEST NUMBER: P333188-927

CATALOG NUMBER: S125DIP-S610D1035U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0
2.5°	729.4	727.8	725.9	722.5	718.4	716.2	712.9	710.7	706.3	702.7	698.9
5°	766.4	758.7	751.5	742.1	731.9	725.2	717.4	708.7	699.7	690.3	680.1
7.5°	804.8	791.0	775.9	759.7	743.9	729.4	715.4	701.8	689.0	673.6	660.5
10°	830.6	813.1	794.5	772.5	751.1	732.5	713.5	697.0	680.1	662.0	646.1
12.5°	856.3	833.1	806.8	782.6	756.9	734.4	712.1	690.9	669.8	649.7	631.2
15°	874.5	854.1	829.7	795.4	766.4	735.5	706.0	678.6	653.0	630.7	607.3
17.5°	886.5	860.2	833.9	801.1	763.2	728.5	695.1	663.8	634.9	606.7	584.1
20°	888.7	861.6	834.2	802.0	763.2	723.4	690.1	652.4	621.4	592.2	564.5
22.5°	888.0	857.2	827.4	794.2	756.5	719.9	679.5	641.1	607.4	578.8	549.9
25°	881.1	848.3	811.0	777.6	740.3	701.5	660.5	620.8	586.5	553.7	525.1
27.5°	875.4	832.9	790.7	751.7	715.7	680.1	641.0	600.2	562.2	528.9	502.0
30°	868.5	821.8	774.3	733.6	696.6	662.0	625.0	585.3	545.6	513.1	484.2
32.5°	862.2	807.9	757.7	713.4	674.3	640.6	606.5	568.7	529.7	496.7	467.9
35°	850.2	787.3	729.8	679.8	637.9	603.4	574.8	539.6	503.7	471.8	444.2
37.5°	834.8	760.2	698.5	646.1	600.2	563.8	537.2	510.2	475.8	445.0	420.0
40°	822.8	740.9	675.6	622.0	574.5	536.5	511.9	486.3	457.7	429.1	402.7
42.5°	807.6	723.6	652.4	594.8	547.8	510.8	484.9	463.2	438.0	411.3	386.7
45°	779.7	692.1	615.1	553.1	505.6	469.1	442.4	426.1	407.2	381.9	361.2
47.5°	738.7	654.4	574.7	510.7	461.7	427.9	402.8	387.2	373.9	355.1	336.3
50°	702.3	626.2	545.6	482.1	433.0	399.0	375.9	361.7	350.3	335.8	319.9
52.5°	661.7	590.8	517.0	454.2	405.6	372.1	349.4	336.9	327.4	317.0	301.3
55°	597.1	536.9	468.3	408.7	363.8	331.1	311.2	300.3	292.5	284.7	275.0
57.5°	525.9	478.8	418.0	363.5	322.3	292.4	273.9	263.3	257.2	253.2	247.6
60°	475.8	435.5	383.1	333.4	293.1	266.6	248.6	240.4	235.4	232.0	227.8
62.5°	429.3	396.2	347.7	302.4	267.1	242.1	225.9	218.1	213.2	211.6	208.0
65°	360.8	335.3	295.2	257.6	227.5	206.1	192.6	185.1	182.0	180.2	180.5
67.5°	293.3	277.7	245.7	213.6	189.5	171.6	160.7	155.0	153.4	151.1	151.0
70°	252.2	240.4	213.3	185.4	164.0	150.2	140.5	134.5	133.0	131.8	131.5
72.5°	215.8	205.6	182.0	159.6	140.5	128.3	120.3	116.7	114.2	113.5	113.4
75°	162.2	156.5	137.8	120.1	106.9	98.4	93.0	89.7	87.9	87.5	87.9
77.5°	115.3	110.4	98.5	85.9	77.6	71.1	66.5	65.4	63.4	63.5	63.1
80°	86.7	83.3	75.8	65.9	59.0	53.6	51.2	49.0	48.5	47.5	48.5
82.5°	62.8	59.3	54.2	47.8	42.1	38.9	36.4	35.8	35.4	35.0	35.2
85°	31.0	31.3	28.3	23.4	21.1	19.3	17.7	17.7	17.4	17.2	17.4
87.5°	12.6	11.9	10.7	9.7	8.2	7.2	6.7	6.7	6.2	6.3	6.8
90°	10.2	9.0	7.8	6.4	5.0	3.6	2.2	0.8	2.2	3.6	5.0
92.5°	27.3	25.8	24.3	23.1	22.1	21.1	20.1	19.2	20.1	21.1	22.1
95°	57.4	55.6	53.9	52.8	52.4	52.1	51.7	51.4	51.7	52.1	52.4
97.5°	92.1	89.7	87.3	86.0	85.9	85.7	85.6	85.4	85.6	85.7	85.9
100°	116.5	114.2	111.9	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7
102.5°	144.0	142.8	141.6	140.8	140.1	139.3	138.6	137.9	138.6	139.3	140.1
105°	186.9	185.8	184.8	183.9	183.0	182.0	181.2	180.3	181.2	182.0	183.0
107.5°	233.1	232.3	231.5	230.7	229.8	228.9	228.0	227.1	228.0	228.9	229.8
110°	264.7	264.1	263.6	262.9	262.1	261.2	260.3	259.4	260.3	261.2	262.1





TEST NUMBER: P333188-927

CATALOG NUMBER: S125DIP-S610D1035U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	296.0	295.4	294.7	294.1	293.7	293.2	292.8	292.3	292.8	293.2	293.7
115°	344.9	344.5	344.2	343.6	343.0	342.3	341.6	340.9	341.6	342.3	343.0
117.5°	391.8	391.5	391.2	390.9	390.5	390.2	389.9	389.6	389.9	390.2	390.5
120°	424.4	424.1	424.0	423.5	422.6	421.7	420.8	419.9	420.8	421.7	422.6
122.5°	455.4	455.0	454.5	454.2	453.8	453.5	453.2	452.9	453.2	453.5	453.8
125°	502.6	502.5	502.3	501.7	500.7	499.6	498.5	497.5	498.5	499.6	500.7
127.5°	548.1	548.0	547.7	547.3	546.7	546.1	545.5	544.9	545.5	546.1	546.7
130°	578.2	577.9	577.5	576.9	576.0	575.1	574.3	573.4	574.3	575.1	576.0
132.5°	608.2	608.2	608.3	607.6	606.2	604.8	603.3	601.8	603.3	604.8	606.2
135°	652.1	652.0	651.8	651.2	650.1	649.0	648.0	647.0	648.0	649.0	650.1
137.5°	694.9	694.5	694.1	693.4	692.4	691.3	690.3	689.4	690.3	691.3	692.4
140°	721.8	721.3	720.7	720.0	719.1	718.3	717.4	716.5	717.4	718.3	719.1
142.5°	748.8	748.1	747.4	746.7	745.9	745.2	744.5	743.7	744.5	745.2	745.9
145°	788.2	787.7	787.2	786.6	785.8	785.1	784.5	783.8	784.5	785.1	785.8
147.5°	823.6	823.2	822.8	822.3	822.0	821.6	821.2	820.8	821.2	821.6	822.0
150°	846.4	845.7	845.0	844.8	844.9	845.1	845.3	845.4	845.3	845.1	844.9
152.5°	867.5	867.2	867.0	866.6	866.4	866.2	865.9	865.7	865.9	866.2	866.4
155°	897.3	897.1	896.9	896.8	896.8	896.8	896.8	896.8	896.8	896.8	896.8
157.5°	923.4	923.2	923.1	923.1	923.5	923.9	924.3	924.7	924.3	923.9	923.5
160°	939.2	939.1	938.9	939.1	939.5	940.1	940.6	941.1	940.6	940.1	939.5
162.5°	954.0	954.0	953.9	954.2	954.5	954.9	955.3	955.7	955.3	954.9	954.5
165°	974.0	973.8	973.7	973.8	974.1	974.5	974.8	975.2	974.8	974.5	974.1
167.5°	988.4	988.4	988.4	988.8	989.5	990.2	990.9	991.6	990.9	990.2	989.5
170°	997.3	997.3	997.3	997.7	998.4	999.0	999.7	1000.4	999.7	999.0	998.4
172.5°	1003.6	1003.6	1003.6	1004.0	1004.6	1005.4	1006.1	1006.8	1006.1	1005.4	1004.6
175°	1010.7	1010.7	1010.7	1011.1	1011.8	1012.5	1013.2	1013.9	1013.2	1012.5	1011.8
177.5°	1014.6	1014.8	1014.9	1015.3	1015.8	1016.4	1017.0	1017.6	1017.0	1016.4	1015.8
180°	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3



TEST NUMBER: P333188-927

CATALOG NUMBER: S125DIP-S610D1035U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0
2.5°	696.7	694.0	691.9	687.1	684.4	680.8	677.9	681.0	677.7	679.1	677.0
5°	675.0	666.5	660.5	651.8	644.3	637.4	632.2	631.4	628.9	627.7	624.2
7.5°	648.9	638.3	628.0	616.6	606.9	597.1	590.8	585.7	582.3	577.7	574.6
10°	633.4	619.3	607.3	593.4	581.4	570.8	562.4	558.3	554.3	548.6	546.5
12.5°	614.4	599.8	585.1	570.3	558.8	547.0	539.8	533.5	530.8	524.3	523.6
15°	591.6	569.7	555.2	540.2	524.2	514.6	508.6	501.7	498.7	494.2	490.8
17.5°	564.4	544.8	526.7	511.2	497.5	489.4	481.9	477.1	472.0	469.1	463.6
20°	544.7	526.0	507.9	491.4	480.9	471.6	465.6	461.1	455.6	454.1	448.7
22.5°	528.1	507.5	490.1	476.3	464.8	454.2	447.7	444.7	440.9	436.3	435.2
25°	501.1	479.7	464.9	451.1	440.8	431.3	426.7	422.8	419.2	415.9	414.7
27.5°	477.7	458.6	441.1	428.6	419.7	410.9	406.9	402.2	399.5	396.9	393.6
30°	461.4	441.8	426.4	414.4	404.7	397.0	392.7	389.4	387.0	384.6	382.8
32.5°	444.5	426.4	411.5	399.7	390.1	384.2	380.4	378.1	375.4	372.6	370.3
35°	422.2	402.3	387.9	377.6	370.1	365.6	361.4	359.3	356.3	356.3	353.9
37.5°	397.1	379.9	367.2	357.8	351.1	347.1	342.5	341.1	339.1	337.9	337.1
40°	382.1	366.2	354.2	344.8	337.6	334.3	330.7	328.3	327.1	325.6	325.0
42.5°	366.8	351.6	340.0	331.4	325.1	322.3	318.9	317.3	314.8	312.8	312.5
45°	343.3	328.6	318.1	311.2	305.8	302.5	300.3	296.8	295.5	293.1	292.8
47.5°	321.2	307.0	296.7	291.0	286.2	283.5	280.2	276.6	275.2	274.0	273.9
50°	304.5	291.6	281.9	276.6	272.0	268.2	264.8	262.4	261.5	261.5	262.1
52.5°	287.7	276.7	268.5	261.9	257.6	253.4	250.4	248.9	247.6	249.0	250.1
55°	263.0	251.9	245.9	239.6	235.4	230.5	229.0	228.4	227.5	229.9	231.1
57.5°	236.9	229.1	222.0	215.8	212.0	209.2	207.2	206.8	208.5	209.6	213.6
60°	220.3	211.3	204.9	200.1	195.6	193.8	193.2	192.6	193.8	197.1	202.2
62.5°	202.0	194.6	187.8	184.3	180.9	177.9	177.8	178.2	180.5	184.3	189.5
65°	175.2	168.8	164.3	160.1	157.4	155.6	156.2	157.4	160.1	165.2	171.0
67.5°	147.9	143.5	139.5	136.1	133.5	133.5	134.1	135.9	139.1	145.0	150.2
70°	130.3	125.5	122.2	120.6	118.6	117.4	119.1	122.2	124.8	130.3	134.8
72.5°	112.7	108.6	106.1	105.0	104.1	103.1	103.8	107.0	110.7	116.1	121.4
75°	86.7	85.2	83.3	82.1	81.3	81.8	82.5	85.5	88.5	94.2	100.2
77.5°	63.3	61.7	60.6	60.3	59.8	60.1	61.8	64.0	67.0	71.1	75.7
80°	47.8	47.2	46.7	46.3	46.3	46.7	49.0	50.5	53.2	57.2	60.8
82.5°	34.9	34.5	34.4	34.3	34.5	34.6	36.0	38.0	40.2	43.3	46.3
85°	18.4	17.7	18.7	18.9	18.4	19.3	19.9	21.1	21.9	23.4	25.0
87.5°	7.3	8.1	8.1	8.6	8.8	9.5	9.4	10.6	11.2	11.9	11.8
90°	6.4	7.8	9.0	10.2	11.4	12.7	13.5	14.4	15.3	16.2	16.9
92.5°	23.1	24.3	25.8	27.3	28.8	30.3	31.5	32.7	33.8	35.0	35.8
95°	52.8	53.9	55.6	57.4	59.2	60.9	62.1	63.4	64.6	65.8	66.6
97.5°	86.0	87.3	89.7	92.1	94.5	97.0	98.2	99.3	100.4	101.6	102.3
100°	110.7	111.9	114.2	116.5	118.7	121.0	122.6	124.1	125.7	127.3	128.3
102.5°	140.8	141.6	142.8	144.0	145.1	146.3	148.1	149.7	151.5	153.2	154.3
105°	183.9	184.8	185.8	186.9	188.0	189.0	190.0	191.2	192.2	193.2	194.0
107.5°	230.7	231.5	232.3	233.1	233.9	234.7	235.3	235.8	236.3	236.9	237.1
110°	262.9	263.6	264.1	264.7	265.2	265.7	266.3	266.8	267.3	267.8	268.0



TEST NUMBER: P333188-927

CATALOG NUMBER: S125DIP-S610D1035U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	294.1	294.7	295.4	296.0	296.7	297.4	297.6	297.9	298.1	298.3	298.3
115°	343.6	344.2	344.5	344.9	345.2	345.6	345.5	345.2	345.1	344.9	344.8
117.5°	390.9	391.2	391.5	391.8	392.1	392.4	392.6	392.7	392.8	393.0	392.7
120°	423.5	424.0	424.1	424.4	424.5	424.7	424.7	424.7	424.7	424.7	424.4
122.5°	454.2	454.5	455.0	455.4	455.9	456.3	456.2	456.1	455.9	455.7	455.4
125°	501.7	502.3	502.5	502.6	502.8	503.0	502.6	502.3	501.9	501.6	501.3
127.5°	547.3	547.7	548.0	548.1	548.3	548.6	548.3	548.2	548.0	547.9	547.6
130°	576.9	577.5	577.9	578.2	578.5	578.9	578.8	578.5	578.4	578.2	578.0
132.5°	607.6	608.3	608.2	608.2	608.1	608.0	607.8	607.7	607.5	607.3	607.0
135°	651.2	651.8	652.0	652.1	652.3	652.4	652.4	652.4	652.4	652.4	652.1
137.5°	693.4	694.1	694.5	694.9	695.3	695.6	695.9	696.1	696.2	696.5	696.2
140°	720.0	720.7	721.3	721.8	722.3	722.9	723.2	723.6	723.9	724.3	724.0
142.5°	746.7	747.4	748.1	748.8	749.4	750.0	750.3	750.5	750.7	750.9	750.6
145°	786.6	787.2	787.7	788.2	788.8	789.3	789.3	789.3	789.3	789.3	789.0
147.5°	822.3	822.8	823.2	823.6	823.9	824.4	824.8	825.2	825.7	826.1	825.7
150°	844.8	845.0	845.7	846.4	847.1	847.8	847.8	847.8	847.8	847.8	847.6
152.5°	866.6	867.0	867.2	867.5	867.8	868.1	868.5	868.9	869.3	869.7	869.7
155°	896.8	896.9	897.1	897.3	897.5	897.6	898.3	899.0	899.8	900.5	900.4
157.5°	923.1	923.1	923.2	923.4	923.6	923.8	924.5	925.1	925.8	926.5	926.3
160°	939.1	938.9	939.1	939.2	939.4	939.5	940.2	941.0	941.7	942.4	942.3
162.5°	954.2	953.9	954.0	954.0	954.1	954.1	955.0	955.8	956.6	957.5	957.4
165°	973.8	973.7	973.8	974.0	974.1	974.4	975.1	975.7	976.4	977.2	977.0
167.5°	988.8	988.4	988.4	988.4	988.4	988.4	989.5	990.5	991.6	992.7	992.6
170°	997.7	997.3	997.3	997.3	997.3	997.3	998.4	999.4	1000.4	1001.5	1001.4
172.5°	1004.0	1003.6	1003.6	1003.6	1003.6	1003.6	1004.6	1005.8	1006.8	1007.8	1007.8
175°	1011.1	1010.7	1010.7	1010.7	1010.7	1010.7	1011.8	1012.9	1013.9	1014.9	1014.9
177.5°	1015.3	1014.9	1014.8	1014.6	1014.5	1014.4	1015.3	1016.1	1016.9	1017.7	1017.7
180°	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3



TEST NUMBER: P333188-927

CATALOG NUMBER: S125DIP-S610D1035U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0
2.5°	675.5	677.2	675.8	677.7	675.8	677.2	675.5	677.0	679.1	677.7	681.0
5°	622.7	619.9	621.7	620.5	621.7	619.9	622.7	624.2	627.7	628.9	631.4
7.5°	573.8	571.2	568.2	566.8	568.2	571.2	573.8	574.6	577.7	582.3	585.7
10°	543.2	539.9	539.6	537.5	539.6	539.9	543.2	546.5	548.6	554.3	558.3
12.5°	520.8	517.7	514.3	513.4	514.3	517.7	520.8	523.6	524.3	530.8	533.5
15°	489.0	486.6	484.5	486.3	484.5	486.6	489.0	490.8	494.2	498.7	501.7
17.5°	462.6	460.6	460.3	458.0	460.3	460.6	462.6	463.6	469.1	472.0	477.1
20°	446.0	444.5	445.0	441.2	445.0	444.5	446.0	448.7	454.1	455.6	461.1
22.5°	432.8	429.8	429.4	428.6	429.4	429.8	432.8	435.2	436.3	440.9	444.7
25°	412.0	410.5	409.0	410.5	409.0	410.5	412.0	414.7	415.9	419.2	422.8
27.5°	393.9	392.1	391.7	391.8	391.7	392.1	393.9	393.6	396.9	399.5	402.2
30°	382.8	379.8	380.1	379.8	380.1	379.8	382.8	382.8	384.6	387.0	389.4
32.5°	370.7	368.7	368.3	367.7	368.3	368.7	370.7	370.3	372.6	375.4	378.1
35°	353.0	353.0	351.5	351.5	351.5	353.0	353.0	353.9	356.3	356.3	359.3
37.5°	336.3	336.0	335.1	335.3	335.1	336.0	336.3	337.1	337.9	339.1	341.1
40°	323.8	323.5	322.6	320.8	322.6	323.5	323.8	325.0	325.6	327.1	328.3
42.5°	311.8	310.8	310.3	309.7	310.3	310.8	311.8	312.5	312.8	314.8	317.3
45°	292.8	292.8	292.2	291.9	292.2	292.8	292.8	292.8	293.1	295.5	296.8
47.5°	274.4	275.0	276.1	275.9	276.1	275.0	274.4	273.9	274.0	275.2	276.6
50°	263.3	263.6	264.5	264.8	264.5	263.6	263.3	262.1	261.5	261.5	262.4
52.5°	251.0	252.8	253.9	253.7	253.9	252.8	251.0	250.1	249.0	247.6	248.9
55°	233.9	235.9	238.1	238.4	238.1	235.9	233.9	231.1	229.9	227.5	228.4
57.5°	216.8	219.8	222.0	222.7	222.0	219.8	216.8	213.6	209.6	208.5	206.8
60°	205.3	209.1	211.8	213.1	211.8	209.1	205.3	202.2	197.1	193.8	192.6
62.5°	194.2	198.5	201.3	201.5	201.3	198.5	194.2	189.5	184.3	180.5	178.2
65°	176.0	180.5	183.0	184.7	183.0	180.5	176.0	171.0	165.2	160.1	157.4
67.5°	156.5	161.1	163.7	165.2	163.7	161.1	156.5	150.2	145.0	139.1	135.9
70°	142.4	146.9	150.4	151.7	150.4	146.9	142.4	134.8	130.3	124.8	122.2
72.5°	128.4	132.4	135.3	136.7	135.3	132.4	128.4	121.4	116.1	110.7	107.0
75°	104.1	109.6	112.3	113.8	112.3	109.6	104.1	100.2	94.2	88.5	85.5
77.5°	80.3	85.2	86.8	87.6	86.8	85.2	80.3	75.7	71.1	67.0	64.0
80°	64.4	67.4	69.6	69.8	69.6	67.4	64.4	60.8	57.2	53.2	50.5
82.5°	49.5	52.0	52.7	53.5	52.7	52.0	49.5	46.3	43.3	40.2	38.0
85°	27.1	28.3	28.6	28.3	28.6	28.3	27.1	25.0	23.4	21.9	21.1
87.5°	12.4	12.3	12.4	12.9	12.4	12.3	12.4	11.8	11.9	11.2	10.6
90°	17.4	17.9	18.5	19.0	18.5	17.9	17.4	16.9	16.2	15.3	14.4
92.5°	36.2	36.5	36.9	37.3	36.9	36.5	36.2	35.8	35.0	33.8	32.7
95°	66.9	67.3	67.7	68.0	67.7	67.3	66.9	66.6	65.8	64.6	63.4
97.5°	102.5	102.7	102.9	103.1	102.9	102.7	102.5	102.3	101.6	100.4	99.3
100°	128.7	129.0	129.4	129.7	129.4	129.0	128.7	128.3	127.3	125.7	124.1
102.5°	154.8	155.3	155.8	156.3	155.8	155.3	154.8	154.3	153.2	151.5	149.7
105°	194.6	195.1	195.6	196.1	195.6	195.1	194.6	194.0	193.2	192.2	191.2
107.5°	237.0	237.0	237.0	236.9	237.0	237.0	237.0	237.1	236.9	236.3	235.8
110°	267.8	267.7	267.5	267.3	267.5	267.7	267.8	268.0	267.8	267.3	266.8



TEST NUMBER: P333188-927

CATALOG NUMBER: S125DIP-S610D1035U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	298.0	297.7	297.4	297.1	297.4	297.7	298.0	298.3	298.3	298.1	297.9
115°	344.5	344.4	344.2	344.0	344.2	344.4	344.5	344.8	344.9	345.1	345.2
117.5°	392.0	391.3	390.6	389.9	390.6	391.3	392.0	392.7	393.0	392.8	392.7
120°	423.7	422.9	422.2	421.5	422.2	422.9	423.7	424.4	424.7	424.7	424.7
122.5°	454.9	454.3	453.8	453.2	453.8	454.3	454.9	455.4	455.7	455.9	456.1
125°	501.1	501.0	500.8	500.7	500.8	501.0	501.1	501.3	501.6	501.9	502.3
127.5°	547.2	546.8	546.5	546.2	546.5	546.8	547.2	547.6	547.9	548.0	548.2
130°	577.6	577.3	576.9	576.6	576.9	577.3	577.6	578.0	578.2	578.4	578.5
132.5°	606.5	606.0	605.5	605.0	605.5	606.0	606.5	607.0	607.3	607.5	607.7
135°	651.4	650.7	650.0	649.3	650.0	650.7	651.4	652.1	652.4	652.4	652.4
137.5°	695.3	694.4	693.6	692.7	693.6	694.4	695.3	696.2	696.5	696.2	696.1
140°	723.1	722.2	721.4	720.5	721.4	722.2	723.1	724.0	724.3	723.9	723.6
142.5°	749.7	748.8	748.0	747.0	748.0	748.8	749.7	750.6	750.9	750.7	750.5
145°	788.5	788.0	787.4	787.0	787.4	788.0	788.5	789.0	789.3	789.3	789.3
147.5°	824.5	823.3	822.1	820.9	822.1	823.3	824.5	825.7	826.1	825.7	825.2
150°	847.3	846.9	846.6	846.2	846.6	846.9	847.3	847.6	847.8	847.8	847.8
152.5°	869.0	868.4	867.8	867.1	867.8	868.4	869.0	869.7	869.7	869.3	868.9
155°	899.5	898.6	897.7	896.8	897.7	898.6	899.5	900.4	900.5	899.8	899.0
157.5°	925.2	924.0	922.8	921.7	922.8	924.0	925.2	926.3	926.5	925.8	925.1
160°	941.4	940.6	939.7	938.7	939.7	940.6	941.4	942.3	942.4	941.7	941.0
162.5°	956.4	955.4	954.3	953.3	954.3	955.4	956.4	957.4	957.5	956.6	955.8
165°	976.0	974.9	973.8	972.8	973.8	974.9	976.0	977.0	977.2	976.4	975.7
167.5°	991.6	990.5	989.4	988.2	989.4	990.5	991.6	992.6	992.7	991.6	990.5
170°	1000.2	998.9	997.8	996.5	997.8	998.9	1000.2	1001.4	1001.5	1000.4	999.4
172.5°	1006.7	1005.7	1004.6	1003.5	1004.6	1005.7	1006.7	1007.8	1007.8	1006.8	1005.8
175°	1013.7	1012.4	1011.1	1010.0	1011.1	1012.4	1013.7	1014.9	1014.9	1013.9	1012.9
177.5°	1016.7	1015.7	1014.7	1013.8	1014.7	1015.7	1016.7	1017.7	1017.7	1016.9	1016.1
180°	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3



TEST NUMBER: P333188-927

CATALOG NUMBER: S125DIP-S610D1035U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0
2.5°	677.9	680.8	684.4	687.1	691.9	694.0	696.7	698.9	702.7	706.3	710.7
5°	632.2	637.4	644.3	651.8	660.5	666.5	675.0	680.1	690.3	699.7	708.7
7.5°	590.8	597.1	606.9	616.6	628.0	638.3	648.9	660.5	673.6	689.0	701.8
10°	562.4	570.8	581.4	593.4	607.3	619.3	633.4	646.1	662.0	680.1	697.0
12.5°	539.8	547.0	558.8	570.3	585.1	599.8	614.4	631.2	649.7	669.8	690.9
15°	508.6	514.6	524.2	540.2	555.2	569.7	591.6	607.3	630.7	653.0	678.6
17.5°	481.9	489.4	497.5	511.2	526.7	544.8	564.4	584.1	606.7	634.9	663.8
20°	465.6	471.6	480.9	491.4	507.9	526.0	544.7	564.5	592.2	621.4	652.4
22.5°	447.7	454.2	464.8	476.3	490.1	507.5	528.1	549.9	578.8	607.4	641.1
25°	426.7	431.3	440.8	451.1	464.9	479.7	501.1	525.1	553.7	586.5	620.8
27.5°	406.9	410.9	419.7	428.6	441.1	458.6	477.7	502.0	528.9	562.2	600.2
30°	392.7	397.0	404.7	414.4	426.4	441.8	461.4	484.2	513.1	545.6	585.3
32.5°	380.4	384.2	390.1	399.7	411.5	426.4	444.5	467.9	496.7	529.7	568.7
35°	361.4	365.6	370.1	377.6	387.9	402.3	422.2	444.2	471.8	503.7	539.6
37.5°	342.5	347.1	351.1	357.8	367.2	379.9	397.1	420.0	445.0	475.8	510.2
40°	330.7	334.3	337.6	344.8	354.2	366.2	382.1	402.7	429.1	457.7	486.3
42.5°	318.9	322.3	325.1	331.4	340.0	351.6	366.8	386.7	411.3	438.0	463.2
45°	300.3	302.5	305.8	311.2	318.1	328.6	343.3	361.2	381.9	407.2	426.1
47.5°	280.2	283.5	286.2	291.0	296.7	307.0	321.2	336.3	355.1	373.9	387.2
50°	264.8	268.2	272.0	276.6	281.9	291.6	304.5	319.9	335.8	350.3	361.7
52.5°	250.4	253.4	257.6	261.9	268.5	276.7	287.7	301.3	317.0	327.4	336.9
55°	229.0	230.5	235.4	239.6	245.9	251.9	263.0	275.0	284.7	292.5	300.3
57.5°	207.2	209.2	212.0	215.8	222.0	229.1	236.9	247.6	253.2	257.2	263.3
60°	193.2	193.8	195.6	200.1	204.9	211.3	220.3	227.8	232.0	235.4	240.4
62.5°	177.8	177.9	180.9	184.3	187.8	194.6	202.0	208.0	211.6	213.2	218.1
65°	156.2	155.6	157.4	160.1	164.3	168.8	175.2	180.5	180.2	182.0	185.1
67.5°	134.1	133.5	133.5	136.1	139.5	143.5	147.9	151.0	151.1	153.4	155.0
70°	119.1	117.4	118.6	120.6	122.2	125.5	130.3	131.5	131.8	133.0	134.5
72.5°	103.8	103.1	104.1	105.0	106.1	108.6	112.7	113.4	113.5	114.2	116.7
75°	82.5	81.8	81.3	82.1	83.3	85.2	86.7	87.9	87.5	87.9	89.7
77.5°	61.8	60.1	59.8	60.3	60.6	61.7	63.3	63.1	63.5	63.4	65.4
80°	49.0	46.7	46.3	46.3	46.7	47.2	47.8	48.5	47.5	48.5	49.0
82.5°	36.0	34.6	34.5	34.3	34.4	34.5	34.9	35.2	35.0	35.4	35.8
85°	19.9	19.3	18.4	18.9	18.7	17.7	18.4	17.4	17.2	17.4	17.7
87.5°	9.4	9.5	8.8	8.6	8.1	8.1	7.3	6.8	6.3	6.2	6.7
90°	13.5	12.7	11.4	10.2	9.0	7.8	6.4	5.0	3.6	2.2	0.8
92.5°	31.5	30.3	28.8	27.3	25.8	24.3	23.1	22.1	21.1	20.1	19.2
95°	62.1	60.9	59.2	57.4	55.6	53.9	52.8	52.4	52.1	51.7	51.4
97.5°	98.2	97.0	94.5	92.1	89.7	87.3	86.0	85.9	85.7	85.6	85.4
100°	122.6	121.0	118.7	116.5	114.2	111.9	110.7	110.7	110.7	110.7	110.7
102.5°	148.1	146.3	145.1	144.0	142.8	141.6	140.8	140.1	139.3	138.6	137.9
105°	190.0	189.0	188.0	186.9	185.8	184.8	183.9	183.0	182.0	181.2	180.3
107.5°	235.3	234.7	233.9	233.1	232.3	231.5	230.7	229.8	228.9	228.0	227.1
110°	266.3	265.7	265.2	264.7	264.1	263.6	262.9	262.1	261.2	260.3	259.4



TEST NUMBER: P333188-927

CATALOG NUMBER: S125DIP-S610D1035U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	297.6	297.4	296.7	296.0	295.4	294.7	294.1	293.7	293.2	292.8	292.3
115°	345.5	345.6	345.2	344.9	344.5	344.2	343.6	343.0	342.3	341.6	340.9
117.5°	392.6	392.4	392.1	391.8	391.5	391.2	390.9	390.5	390.2	389.9	389.6
120°	424.7	424.7	424.5	424.4	424.1	424.0	423.5	422.6	421.7	420.8	419.9
122.5°	456.2	456.3	455.9	455.4	455.0	454.5	454.2	453.8	453.5	453.2	452.9
125°	502.6	503.0	502.8	502.6	502.5	502.3	501.7	500.7	499.6	498.5	497.5
127.5°	548.3	548.6	548.3	548.1	548.0	547.7	547.3	546.7	546.1	545.5	544.9
130°	578.8	578.9	578.5	578.2	577.9	577.5	576.9	576.0	575.1	574.3	573.4
132.5°	607.8	608.0	608.1	608.2	608.2	608.3	607.6	606.2	604.8	603.3	601.8
135°	652.4	652.4	652.3	652.1	652.0	651.8	651.2	650.1	649.0	648.0	647.0
137.5°	695.9	695.6	695.3	694.9	694.5	694.1	693.4	692.4	691.3	690.3	689.4
140°	723.2	722.9	722.3	721.8	721.3	720.7	720.0	719.1	718.3	717.4	716.5
142.5°	750.3	750.0	749.4	748.8	748.1	747.4	746.7	745.9	745.2	744.5	743.7
145°	789.3	789.3	788.8	788.2	787.7	787.2	786.6	785.8	785.1	784.5	783.8
147.5°	824.8	824.4	823.9	823.6	823.2	822.8	822.3	822.0	821.6	821.2	820.8
150°	847.8	847.8	847.1	846.4	845.7	845.0	844.8	844.9	845.1	845.3	845.4
152.5°	868.5	868.1	867.8	867.5	867.2	867.0	866.6	866.4	866.2	865.9	865.7
155°	898.3	897.6	897.5	897.3	897.1	896.9	896.8	896.8	896.8	896.8	896.8
157.5°	924.5	923.8	923.6	923.4	923.2	923.1	923.1	923.5	923.9	924.3	924.7
160°	940.2	939.5	939.4	939.2	939.1	938.9	939.1	939.5	940.1	940.6	941.1
162.5°	955.0	954.1	954.1	954.0	954.0	953.9	954.2	954.5	954.9	955.3	955.7
165°	975.1	974.4	974.1	974.0	973.8	973.7	973.8	974.1	974.5	974.8	975.2
167.5°	989.5	988.4	988.4	988.4	988.4	988.4	988.8	989.5	990.2	990.9	991.6
170°	998.4	997.3	997.3	997.3	997.3	997.3	997.7	998.4	999.0	999.7	1000.4
172.5°	1004.6	1003.6	1003.6	1003.6	1003.6	1003.6	1004.0	1004.6	1005.4	1006.1	1006.8
175°	1011.8	1010.7	1010.7	1010.7	1010.7	1010.7	1011.1	1011.8	1012.5	1013.2	1013.9
177.5°	1015.3	1014.4	1014.5	1014.6	1014.8	1014.9	1015.3	1015.8	1016.4	1017.0	1017.6
180°	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3



TEST NUMBER: P333188-927

CATALOG NUMBER: S125DIP-S610D1035U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0
2.5°	712.9	716.2	718.4	722.5	725.9	727.8	729.4	730.9	732.6	734.0	738.2
5°	717.4	725.2	731.9	742.1	751.5	758.7	766.4	773.4	779.1	787.3	793.5
7.5°	715.4	729.4	743.9	759.7	775.9	791.0	804.8	817.8	829.5	843.7	856.1
10°	713.5	732.5	751.1	772.5	794.5	813.1	830.6	848.3	861.3	879.3	894.7
12.5°	712.1	734.4	756.9	782.6	806.8	833.1	856.3	869.3	889.0	903.4	921.6
15°	706.0	735.5	766.4	795.4	829.7	854.1	874.5	899.8	918.1	936.5	956.3
17.5°	695.1	728.5	763.2	801.1	833.9	860.2	886.5	910.9	932.8	957.4	982.1
20°	690.1	723.4	763.2	802.0	834.2	861.6	888.7	915.4	939.5	971.1	999.7
22.5°	679.5	719.9	756.5	794.2	827.4	857.2	888.0	918.3	950.3	986.0	1021.8
25°	660.5	701.5	740.3	777.6	811.0	848.3	881.1	921.8	962.7	1010.0	1054.5
27.5°	641.0	680.1	715.7	751.7	790.7	832.9	875.4	921.5	975.2	1034.7	1097.6
30°	625.0	662.0	696.6	733.6	774.3	821.8	868.5	923.3	985.2	1052.3	1127.0
32.5°	606.5	640.6	674.3	713.4	757.7	807.9	862.2	922.3	996.8	1073.1	1149.9
35°	574.8	603.4	637.9	679.8	729.8	787.3	850.2	921.1	1006.6	1094.2	1158.9
37.5°	537.2	563.8	600.2	646.1	698.5	760.2	834.8	919.0	1009.8	1079.6	1100.5
40°	511.9	536.5	574.5	622.0	675.6	740.9	822.8	911.8	999.7	1044.3	1027.1
42.5°	484.9	510.8	547.8	594.8	652.4	723.6	807.6	896.7	970.3	987.1	927.9
45°	442.4	469.1	505.6	553.1	615.1	692.1	779.7	860.6	903.1	872.7	780.9
47.5°	402.8	427.9	461.7	510.7	574.7	654.4	738.7	803.3	806.7	734.1	636.1
50°	375.9	399.0	433.0	482.1	545.6	626.2	702.3	753.2	730.4	648.2	554.1
52.5°	349.4	372.1	405.6	454.2	517.0	590.8	661.7	697.4	654.3	570.0	489.5
55°	311.2	331.1	363.8	408.7	468.3	536.9	597.1	609.3	553.4	470.3	405.0
57.5°	273.9	292.4	322.3	363.5	418.0	478.8	525.9	523.2	464.1	392.8	341.0
60°	248.6	266.6	293.1	333.4	383.1	435.5	475.8	466.1	407.5	346.1	302.5
62.5°	225.9	242.1	267.1	302.4	347.7	396.2	429.3	415.1	357.6	304.0	269.4
65°	192.6	206.1	227.5	257.6	295.2	335.3	360.8	342.5	293.4	251.6	223.9
67.5°	160.7	171.6	189.5	213.6	245.7	277.7	293.3	274.9	235.6	205.1	184.6
70°	140.5	150.2	164.0	185.4	213.3	240.4	252.2	235.6	201.9	175.7	161.0
72.5°	120.3	128.3	140.5	159.6	182.0	205.6	215.8	200.0	172.3	150.2	136.4
75°	93.0	98.4	106.9	120.1	137.8	156.5	162.2	148.4	130.6	114.1	105.0
77.5°	66.5	71.1	77.6	85.9	98.5	110.4	115.3	107.3	93.6	83.1	75.7
80°	51.2	53.6	59.0	65.9	75.8	83.3	86.7	81.5	71.9	64.1	58.4
82.5°	36.4	38.9	42.1	47.8	54.2	59.3	62.8	59.4	52.4	46.3	42.9
85°	17.7	19.3	21.1	23.4	28.3	31.3	31.0	28.9	26.1	23.8	21.9
87.5°	6.7	7.2	8.2	9.7	10.7	11.9	12.6	12.4	11.6	11.2	10.6
90°	2.2	3.6	5.0	6.4	7.8	9.0	10.2	11.4	12.7	13.5	14.4
92.5°	20.1	21.1	22.1	23.1	24.3	25.8	27.3	28.8	30.3	31.5	32.7
95°	51.7	52.1	52.4	52.8	53.9	55.6	57.4	59.2	60.9	62.1	63.4
97.5°	85.6	85.7	85.9	86.0	87.3	89.7	92.1	94.5	97.0	98.2	99.3
100°	110.7	110.7	110.7	110.7	111.9	114.2	116.5	118.7	121.0	122.6	124.1
102.5°	138.6	139.3	140.1	140.8	141.6	142.8	144.0	145.1	146.3	148.1	149.7
105°	181.2	182.0	183.0	183.9	184.8	185.8	186.9	188.0	189.0	190.0	191.2
107.5°	228.0	228.9	229.8	230.7	231.5	232.3	233.1	233.9	234.7	235.3	235.8
110°	260.3	261.2	262.1	262.9	263.6	264.1	264.7	265.2	265.7	266.3	266.8





TEST NUMBER: P333188-927

CATALOG NUMBER: S125DIP-S610D1035U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	292.8	293.2	293.7	294.1	294.7	295.4	296.0	296.7	297.4	297.6	297.9
115°	341.6	342.3	343.0	343.6	344.2	344.5	344.9	345.2	345.6	345.5	345.2
117.5°	389.9	390.2	390.5	390.9	391.2	391.5	391.8	392.1	392.4	392.6	392.7
120°	420.8	421.7	422.6	423.5	424.0	424.1	424.4	424.5	424.7	424.7	424.7
122.5°	453.2	453.5	453.8	454.2	454.5	455.0	455.4	455.9	456.3	456.2	456.1
125°	498.5	499.6	500.7	501.7	502.3	502.5	502.6	502.8	503.0	502.6	502.3
127.5°	545.5	546.1	546.7	547.3	547.7	548.0	548.1	548.3	548.6	548.3	548.2
130°	574.3	575.1	576.0	576.9	577.5	577.9	578.2	578.5	578.9	578.8	578.5
132.5°	603.3	604.8	606.2	607.6	608.3	608.2	608.2	608.1	608.0	607.8	607.7
135°	648.0	649.0	650.1	651.2	651.8	652.0	652.1	652.3	652.4	652.4	652.4
137.5°	690.3	691.3	692.4	693.4	694.1	694.5	694.9	695.3	695.6	695.9	696.1
140°	717.4	718.3	719.1	720.0	720.7	721.3	721.8	722.3	722.9	723.2	723.6
142.5°	744.5	745.2	745.9	746.7	747.4	748.1	748.8	749.4	750.0	750.3	750.5
145°	784.5	785.1	785.8	786.6	787.2	787.7	788.2	788.8	789.3	789.3	789.3
147.5°	821.2	821.6	822.0	822.3	822.8	823.2	823.6	823.9	824.4	824.8	825.2
150°	845.3	845.1	844.9	844.8	845.0	845.7	846.4	847.1	847.8	847.8	847.8
152.5°	865.9	866.2	866.4	866.6	867.0	867.2	867.5	867.8	868.1	868.5	868.9
155°	896.8	896.8	896.8	896.8	896.9	897.1	897.3	897.5	897.6	898.3	899.0
157.5°	924.3	923.9	923.5	923.1	923.1	923.2	923.4	923.6	923.8	924.5	925.1
160°	940.6	940.1	939.5	939.1	938.9	939.1	939.2	939.4	939.5	940.2	941.0
162.5°	955.3	954.9	954.5	954.2	953.9	954.0	954.0	954.1	954.1	955.0	955.8
165°	974.8	974.5	974.1	973.8	973.7	973.8	974.0	974.1	974.4	975.1	975.7
167.5°	990.9	990.2	989.5	988.8	988.4	988.4	988.4	988.4	988.4	989.5	990.5
170°	999.7	999.0	998.4	997.7	997.3	997.3	997.3	997.3	997.3	998.4	999.4
172.5°	1006.1	1005.4	1004.6	1004.0	1003.6	1003.6	1003.6	1003.6	1003.6	1004.6	1005.8
175°	1013.2	1012.5	1011.8	1011.1	1010.7	1010.7	1010.7	1010.7	1010.7	1011.8	1012.9
177.5°	1017.0	1016.4	1015.8	1015.3	1014.9	1014.8	1014.6	1014.5	1014.4	1015.3	1016.1
180°	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3



TEST NUMBER: P333188-927

CATALOG NUMBER: S125DIP-S610D1035U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	709.0	709.0	709.0	709.0	709.0	709.0	709.0
2.5°	741.5	743.4	747.5	746.1	748.0	748.9	750.0
5°	801.4	811.0	815.2	814.6	820.9	819.4	817.9
7.5°	869.0	879.2	884.8	891.8	896.0	896.2	899.8
10°	907.3	920.5	926.0	933.5	938.3	941.0	940.7
12.5°	936.7	947.1	959.2	962.9	969.4	972.8	971.5
15°	972.0	988.6	1001.2	1007.5	1015.7	1018.0	1021.4
17.5°	1003.5	1025.7	1040.5	1060.1	1067.5	1072.1	1069.4
20°	1027.4	1056.5	1071.3	1094.8	1107.7	1114.7	1112.2
22.5°	1055.6	1087.1	1114.4	1134.7	1154.4	1163.8	1165.7
25°	1103.8	1147.2	1187.2	1213.9	1238.3	1244.0	1256.7
27.5°	1157.8	1208.9	1251.6	1279.8	1296.8	1303.1	1307.1
30°	1191.7	1242.5	1274.8	1292.8	1298.2	1297.6	1297.0
32.5°	1208.3	1240.2	1246.3	1241.3	1228.9	1218.4	1207.4
35°	1184.8	1161.0	1125.5	1079.7	1046.1	1012.0	1008.7
37.5°	1065.6	989.5	930.4	864.4	826.3	802.8	786.5
40°	953.3	867.0	795.4	739.7	700.8	685.6	670.5
42.5°	831.6	749.0	685.6	639.1	609.9	592.9	580.9
45°	675.6	602.8	553.1	519.4	496.2	483.0	475.5
47.5°	553.6	499.7	457.6	433.2	417.2	406.9	406.9
50°	488.1	436.7	408.7	389.4	375.6	367.4	368.9
52.5°	430.1	391.7	367.7	351.6	341.4	336.4	336.2
55°	359.7	331.9	316.3	304.5	297.6	291.9	293.1
57.5°	307.6	284.2	273.8	264.0	259.2	256.9	253.7
60°	275.4	257.3	248.3	240.4	235.6	233.9	230.5
62.5°	246.7	232.5	223.7	217.3	213.0	212.4	209.8
65°	207.3	196.5	188.7	185.7	181.2	180.0	180.0
67.5°	171.0	163.2	157.1	154.3	152.3	152.7	151.1
70°	148.1	141.7	137.8	134.8	133.3	133.6	132.4
72.5°	129.5	122.5	119.1	117.2	115.3	116.1	115.6
75°	98.1	94.5	92.7	90.9	89.7	89.0	88.5
77.5°	72.0	68.8	67.5	66.5	66.6	65.2	66.3
80°	55.7	53.0	52.0	50.5	50.2	50.2	50.0
82.5°	40.7	39.2	38.6	37.3	36.8	37.2	36.4
85°	21.1	19.9	19.6	19.6	18.9	18.4	19.9
87.5°	10.8	10.0	10.1	10.0	10.1	10.0	9.6
90°	15.3	16.2	16.9	17.4	17.9	18.5	19.0
92.5°	33.8	35.0	35.8	36.2	36.5	36.9	37.3
95°	64.6	65.8	66.6	66.9	67.3	67.7	68.0
97.5°	100.4	101.6	102.3	102.5	102.7	102.9	103.1
100°	125.7	127.3	128.3	128.7	129.0	129.4	129.7
102.5°	151.5	153.2	154.3	154.8	155.3	155.8	156.3
105°	192.2	193.2	194.0	194.6	195.1	195.6	196.1
107.5°	236.3	236.9	237.1	237.0	237.0	237.0	236.9
110°	267.3	267.8	268.0	267.8	267.7	267.5	267.3



TEST NUMBER: P333188-927

CATALOG NUMBER: S125DIP-S610D1035U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	298.1	298.3	298.3	298.0	297.7	297.4	297.1
115°	345.1	344.9	344.8	344.5	344.4	344.2	344.0
117.5°	392.8	393.0	392.7	392.0	391.3	390.6	389.9
120°	424.7	424.7	424.4	423.7	422.9	422.2	421.5
122.5°	455.9	455.7	455.4	454.9	454.3	453.8	453.2
125°	501.9	501.6	501.3	501.1	501.0	500.8	500.7
127.5°	548.0	547.9	547.6	547.2	546.8	546.5	546.2
130°	578.4	578.2	578.0	577.6	577.3	576.9	576.6
132.5°	607.5	607.3	607.0	606.5	606.0	605.5	605.0
135°	652.4	652.4	652.1	651.4	650.7	650.0	649.3
137.5°	696.2	696.5	696.2	695.3	694.4	693.6	692.7
140°	723.9	724.3	724.0	723.1	722.2	721.4	720.5
142.5°	750.7	750.9	750.6	749.7	748.8	748.0	747.0
145°	789.3	789.3	789.0	788.5	788.0	787.4	787.0
147.5°	825.7	826.1	825.7	824.5	823.3	822.1	820.9
150°	847.8	847.8	847.6	847.3	846.9	846.6	846.2
152.5°	869.3	869.7	869.7	869.0	868.4	867.8	867.1
155°	899.8	900.5	900.4	899.5	898.6	897.7	896.8
157.5°	925.8	926.5	926.3	925.2	924.0	922.8	921.7
160°	941.7	942.4	942.3	941.4	940.6	939.7	938.7
162.5°	956.6	957.5	957.4	956.4	955.4	954.3	953.3
165°	976.4	977.2	977.0	976.0	974.9	973.8	972.8
167.5°	991.6	992.7	992.6	991.6	990.5	989.4	988.2
170°	1000.4	1001.5	1001.4	1000.2	998.9	997.8	996.5
172.5°	1006.8	1007.8	1007.8	1006.7	1005.7	1004.6	1003.5
175°	1013.9	1014.9	1014.9	1013.7	1012.4	1011.1	1010.0
177.5°	1016.9	1017.7	1017.7	1016.7	1015.7	1014.7	1013.8
180°	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3	1016.3

(END OF REPORT)