

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: P332895-927

Luminaire Tested: **SA4XXRDIP-C575D365U927-4F0-1E-UDD-A**

Issue Date: 10/7/2019

**Test Information**

Test Method: LM-79-08  
Report Number: P332895-927  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-6,  
Test Lab: INNOVATION CENTER  
Issue Date: 10/7/2019  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: SA4XXRDIP-C575D365U927-4F0-1E-UDD-A  
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 575 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 365 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

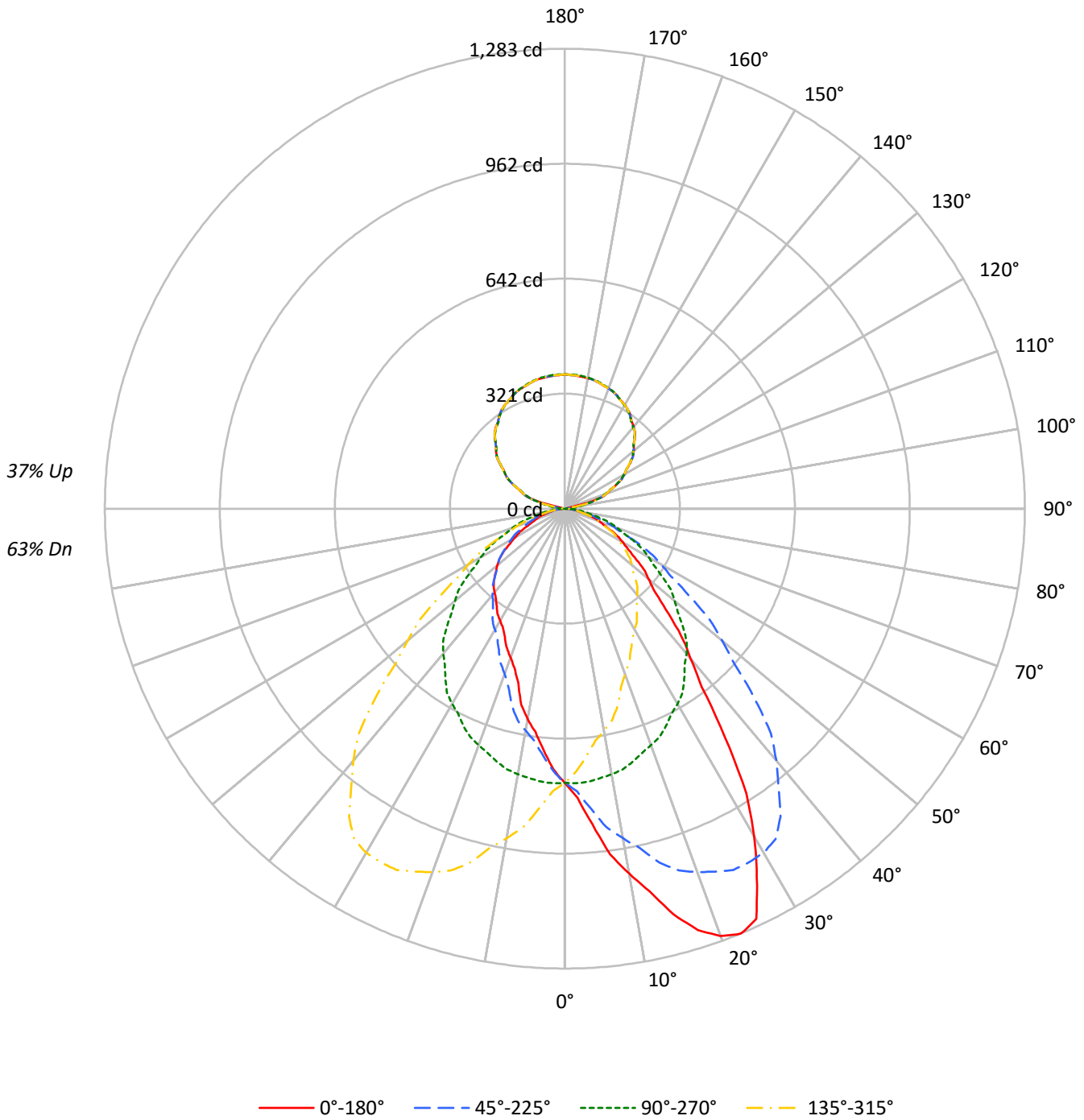
Lumens per Lamp: N/A  
Luminaire Lumens: 3092.7 lumens  
Efficiency: N/A  
Efficacy: 112.5 lumens/watt  
Spacing Criteria (0/90/45): 1.28 / 1.23 / 1.39  
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')  
CIE Type: Semi-Direct

Input Watts (W): 27.5  
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



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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	0
RCR																		
0	110	110	110	110	103	103	103	103	90	90	90	79	79	79	68	68	68	63
1	101	97	93	90	95	91	88	85	80	78	76	70	68	67	61	59	58	54
2	93	85	79	74	87	80	75	71	71	67	63	62	59	57	54	52	50	46
3	85	76	68	63	79	71	65	60	63	58	54	55	52	48	48	46	43	40
4	78	67	59	54	73	63	57	51	56	51	47	50	45	42	44	40	38	34
5	72	60	52	46	67	57	50	44	51	45	40	45	40	37	40	36	33	30
6	66	54	46	40	62	51	44	39	46	40	36	41	36	32	36	32	29	27
7	61	49	41	36	58	47	39	34	42	36	32	37	32	29	33	29	26	24
8	57	45	37	32	54	43	36	31	38	32	28	34	29	26	30	27	24	21
9	53	41	34	29	50	39	32	27	35	29	25	32	27	23	28	24	21	19
10	50	38	31	26	47	36	29	25	33	27	23	29	25	21	26	22	20	18

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

	0°	90°	180°	270°
0°	6176	6176	6176	6176
5°	7164	6195	5476	6195
10°	8475	6167	4887	6167
15°	9789	6110	4199	6110
20°	10899	6032	3797	6032
25°	11251	5955	3526	5955
30°	9849	5862	3361	5862
35°	7666	5723	3263	5723
40°	5750	5564	3209	5564
45°	4539	5310	3181	5310
50°	3832	5016	3090	5016
55°	3340	4694	2923	4694
60°	3006	4359	2588	4359
65°	2649	3998	2225	3998
70°	2386	3623	2009	3623
75°	1999	3213	1712	3213
80°	1692	2738	1604	2738
85°	1426	2140	1426	2140



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CATALOG NUMBER: SA4XXRDIP-C575D365U927-4F0-1E-UDD-A

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	74.1	2.4
10°-20°	223.6	7.2
20°-30°	349.7	11.3
30°-40°	388.8	12.6
40°-50°	344.9	11.2
50°-60°	268.8	8.7
60°-70°	176.0	5.7
70°-80°	86.5	2.8
80°-90°	22.4	0.7
90°-100°	12.8	0.4
100°-110°	81.6	2.6
110°-120°	156.1	5.0
120°-130°	198.2	6.4
130°-140°	212.1	6.9
140°-150°	198.3	6.4
150°-160°	159.9	5.2
160°-170°	103.2	3.3
170°-180°	35.6	1.1
0°-30°	647.4	20.9
0°-40°	1036.2	33.5
0°-60°	1649.9	53.3
0°-90°	1934.9	62.6
90°-120°	250.6	8.1
90°-150°	859.2	27.8
90°-180°	1158.0	37.4
0°-180°	3092.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	765	765	765	765	765	
5°	884	764	676	764	884	89
15°	1171	731	502	731	1171	333
25°	1263	668	396	668	1263	560
35°	778	581	331	581	778	488
45°	398	465	279	465	398	315
55°	237	334	208	334	237	216
65°	139	209	116	209	139	140
75°	64	103	55	103	64	71
85°	15	23	15	23	15	18
90°	8	1	8	1	8	4
95°	8	15	8	15	8	6
105°	80	84	80	84	80	70
115°	158	157	158	157	158	157
125°	223	221	223	221	223	198
135°	276	274	276	274	276	213
145°	318	316	318	316	318	199
155°	347	347	347	347	347	160
165°	364	366	364	366	364	103
175°	372	374	372	374	372	35
180°	374	374	374	374	374	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	765.0	765.0	765.0	765.0	765.0	765.0	765.0	765.0	765.0	765.0	765.0
2.5°	806.9	809.1	806.9	806.7	804.2	803.5	802.5	799.3	793.4	789.9	790.7
5°	884.0	891.7	887.4	886.8	880.0	873.2	868.9	859.0	848.5	841.5	835.6
7.5°	973.1	977.6	974.9	970.5	959.6	953.3	943.3	930.3	911.6	897.1	884.1
10°	1033.8	1037.4	1036.3	1028.3	1020.3	1003.9	994.7	976.4	952.7	933.9	916.3
12.5°	1093.4	1097.4	1086.6	1087.0	1071.7	1058.8	1044.2	1021.4	993.9	969.6	947.7
15°	1171.2	1166.3	1166.3	1160.2	1143.2	1125.3	1110.2	1086.2	1051.6	1022.7	992.2
17.5°	1232.2	1233.9	1231.4	1216.8	1203.5	1185.0	1157.3	1129.3	1097.2	1058.3	1027.1
20°	1268.7	1268.7	1265.9	1256.0	1238.7	1219.0	1189.1	1158.6	1117.9	1078.8	1043.6
22.5°	1283.4	1284.4	1281.2	1273.0	1257.5	1238.3	1212.8	1181.8	1139.9	1095.8	1052.3
25°	1263.1	1268.9	1269.6	1267.4	1262.8	1251.1	1229.2	1197.5	1159.8	1112.1	1065.2
27.5°	1159.7	1167.0	1173.5	1184.2	1198.3	1205.8	1206.7	1190.6	1157.8	1111.8	1064.7
30°	1056.6	1062.7	1082.8	1109.0	1129.3	1147.8	1163.9	1168.2	1149.7	1108.3	1058.8
32.5°	942.1	950.5	970.6	998.8	1032.7	1064.0	1100.0	1118.3	1117.8	1093.1	1047.2
35°	777.9	784.1	802.6	832.2	872.9	919.4	976.4	1020.8	1051.1	1048.8	1020.8
37.5°	627.4	634.4	653.1	677.6	717.1	774.7	829.9	891.0	946.9	978.3	968.8
40°	545.6	545.9	564.0	589.3	626.3	676.5	736.7	804.5	866.7	917.6	927.4
42.5°	480.9	481.0	493.1	520.3	546.9	594.2	651.6	718.9	791.8	850.5	876.6
45°	397.6	400.4	410.3	426.6	447.5	487.6	533.5	596.1	677.8	747.4	790.9
47.5°	336.7	340.8	347.1	360.4	377.1	403.8	441.7	498.0	564.4	641.0	702.9
50°	305.1	305.8	313.8	321.2	335.6	357.0	390.2	437.0	498.1	571.7	640.5
52.5°	278.1	277.9	282.7	292.1	303.9	320.4	347.3	390.0	444.1	510.1	581.1
55°	237.3	238.8	242.6	249.9	258.9	270.6	291.9	323.9	366.5	422.9	487.3
57.5°	206.4	207.2	210.1	213.3	221.4	230.0	245.9	268.2	304.0	350.2	410.3
60°	186.2	186.5	187.4	192.0	198.5	206.5	217.3	236.1	266.3	308.6	356.0
62.5°	166.4	167.0	168.4	171.8	176.8	182.4	193.6	208.7	233.8	269.8	312.6
65°	138.7	139.0	141.2	142.4	146.4	151.3	159.6	169.8	187.1	217.3	249.7
67.5°	115.9	115.9	116.0	117.7	120.5	123.7	128.7	136.9	149.9	168.4	196.9
70°	101.1	101.1	101.7	102.7	104.2	106.9	109.7	115.9	125.5	140.5	162.4
72.5°	87.3	87.5	88.2	88.3	89.1	91.4	93.5	97.4	104.5	115.9	133.6
75°	64.1	65.0	66.5	67.8	69.3	69.1	71.2	73.7	75.8	82.6	92.8
77.5°	47.7	47.2	47.4	48.5	48.6	49.0	50.5	52.4	54.0	57.2	60.8
80°	36.4	36.4	37.3	37.6	37.3	37.6	39.1	40.1	40.7	41.9	45.3
82.5°	27.5	28.0	27.6	28.0	28.2	28.5	29.8	29.9	30.6	31.1	32.5
85°	15.4	15.7	16.0	15.4	15.4	15.4	16.0	16.3	17.0	16.6	17.3
87.5°	7.1	6.8	7.1	7.1	7.3	7.0	7.1	7.5	7.0	7.1	7.1
90°	8.4	8.2	8.2	8.0	7.9	7.7	7.3	6.9	6.5	6.2	5.6
92.5°	7.8	7.7	7.7	7.7	7.6	7.4	7.1	6.7	6.3	5.9	5.5
95°	8.1	8.1	8.0	7.9	7.8	7.7	7.3	6.9	6.5	6.2	6.1
97.5°	7.8	7.8	7.7	7.7	7.6	7.5	7.5	7.4	7.4	7.4	14.3
100°	7.8	7.8	7.7	7.7	7.6	8.1	9.1	10.2	11.2	12.4	20.9
102.5°	8.1	8.1	8.0	8.0	8.0	13.7	25.1	36.5	47.9	59.3	60.4
105°	79.8	82.0	84.3	86.5	88.7	89.6	89.0	88.5	87.9	87.4	87.1
107.5°	111.2	111.0	110.7	110.5	110.3	110.0	109.7	109.5	109.2	108.9	108.4
110°	124.8	124.7	124.5	124.3	124.1	124.0	123.8	123.7	123.6	123.5	123.1



TEST NUMBER: P332895-927

CATALOG NUMBER: SA4XXRDIP-C575D365U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	138.6	138.3	138.1	137.8	137.6	137.4	137.5	137.5	137.5	137.6	137.4
115°	158.4	158.4	158.4	158.4	158.4	158.4	158.3	158.1	158.0	157.9	158.0
117.5°	178.7	178.8	178.8	178.8	178.8	178.9	178.9	178.9	179.0	179.0	178.8
120°	191.5	191.6	191.7	191.9	192.0	192.0	191.9	191.7	191.6	191.5	191.5
122.5°	204.1	204.1	204.3	204.4	204.5	204.5	204.5	204.4	204.3	204.3	204.1
125°	222.8	222.8	222.8	222.7	222.6	222.4	222.3	222.1	221.9	221.7	221.9
127.5°	239.4	239.4	239.5	239.6	239.6	239.6	239.6	239.7	239.7	239.8	239.5
130°	250.6	250.6	250.6	250.6	250.6	250.6	250.5	250.4	250.3	250.3	250.1
132.5°	260.9	260.9	260.9	261.0	261.1	261.1	261.0	260.9	260.9	260.8	260.5
135°	276.3	276.2	276.1	275.9	275.8	275.7	275.6	275.4	275.4	275.2	275.0
137.5°	289.5	289.5	289.6	289.6	289.7	289.6	289.5	289.4	289.2	289.1	288.8
140°	298.7	298.7	298.6	298.6	298.5	298.3	298.2	297.9	297.8	297.6	297.5
142.5°	306.3	306.3	306.3	306.3	306.3	306.2	306.1	305.9	305.8	305.7	305.6
145°	318.1	317.9	317.8	317.7	317.5	317.4	317.4	317.3	317.3	317.2	317.2
147.5°	327.7	327.6	327.6	327.6	327.5	327.4	327.4	327.3	327.3	327.3	327.3
150°	334.0	333.9	333.9	333.8	333.7	333.7	333.7	333.7	333.7	333.7	333.7
152.5°	339.4	339.5	339.5	339.5	339.5	339.5	339.4	339.3	339.2	339.1	339.2
155°	346.6	346.8	347.0	347.1	347.4	347.3	347.1	346.8	346.6	346.3	346.5
157.5°	352.7	353.0	353.3	353.6	353.9	353.9	353.6	353.3	353.0	352.7	352.8
160°	356.6	357.0	357.4	357.8	358.1	358.1	357.8	357.4	357.0	356.6	356.7
162.5°	359.8	360.2	360.7	361.1	361.5	361.6	361.2	360.8	360.4	360.0	360.1
165°	364.2	364.8	365.4	365.9	366.5	366.5	366.0	365.5	365.0	364.5	364.5
167.5°	367.6	368.1	368.8	369.4	370.0	370.0	369.6	369.0	368.4	367.9	367.9
170°	369.6	370.2	370.8	371.5	372.0	372.1	371.6	371.1	370.6	370.1	370.0
172.5°	370.7	371.4	372.0	372.7	373.4	373.4	373.0	372.5	371.9	371.5	371.4
175°	372.1	372.8	373.6	374.3	375.1	375.2	374.6	374.1	373.5	372.9	372.9
177.5°	373.0	373.6	374.1	374.8	375.3	375.5	375.1	374.7	374.3	373.8	373.8
180°	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3



TEST NUMBER: P332895-927

CATALOG NUMBER: SA4XXRDIP-C575D365U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	765.0	765.0	765.0	765.0	765.0	765.0	765.0	765.0	765.0	765.0	765.0
2.5°	788.2	784.7	783.0	779.0	774.4	771.9	769.7	766.5	762.3	757.9	754.6
5°	828.2	820.8	811.5	800.4	790.6	781.0	772.7	764.4	754.9	745.0	735.1
7.5°	869.3	854.7	839.0	820.8	803.1	787.0	772.2	758.0	742.0	727.6	714.5
10°	897.9	878.1	856.3	833.1	810.0	790.0	770.2	752.3	732.6	715.1	700.3
12.5°	921.1	897.9	871.6	842.7	814.9	790.7	768.0	744.7	722.3	703.2	683.5
15°	959.5	927.7	892.3	857.8	821.7	788.8	758.2	731.1	705.5	678.7	659.9
17.5°	986.0	948.2	905.2	863.7	821.1	782.2	747.0	714.7	685.2	657.8	635.4
20°	1001.7	960.1	912.4	865.1	817.4	775.8	737.9	702.1	671.6	642.1	618.9
22.5°	1010.6	964.6	912.4	862.9	813.5	768.4	726.8	689.6	656.3	626.8	601.2
25°	1013.4	964.1	910.8	854.1	799.9	752.1	708.9	668.5	631.5	602.0	574.8
27.5°	1009.5	951.4	896.8	838.6	782.7	732.3	687.0	644.5	607.5	575.8	548.0
30°	1003.5	941.4	882.7	822.4	765.6	717.2	669.5	628.8	590.3	557.3	529.3
32.5°	990.8	929.0	866.0	804.1	746.6	696.8	651.5	610.5	572.7	539.0	509.2
35°	965.4	902.8	834.3	770.9	714.5	662.7	620.1	580.7	544.6	508.6	477.1
37.5°	931.8	868.0	799.9	730.4	673.9	625.0	586.0	549.0	513.7	480.9	446.0
40°	900.3	842.1	771.8	702.7	644.8	597.6	561.6	528.0	492.6	459.9	425.0
42.5°	862.1	812.5	741.5	672.2	615.0	569.5	535.9	503.1	470.9	439.2	402.8
45°	798.3	760.7	694.1	627.6	569.9	524.9	494.1	465.1	436.7	406.5	372.3
47.5°	725.2	699.7	642.3	574.1	520.8	480.3	450.5	426.8	402.8	372.6	342.6
50°	674.4	658.1	602.6	540.3	489.5	452.2	421.7	399.4	379.5	350.5	323.6
52.5°	620.1	611.5	564.6	505.0	455.9	419.4	393.3	373.4	353.1	329.0	303.9
55°	537.6	542.2	502.4	450.9	404.7	373.9	350.1	333.5	316.2	295.9	276.5
57.5°	453.0	470.0	443.3	398.1	354.7	326.3	308.4	294.4	280.0	263.0	246.4
60°	402.5	416.7	401.6	361.9	323.9	297.5	280.8	270.0	255.5	240.1	227.4
62.5°	353.2	368.4	359.4	327.3	292.2	269.3	254.7	244.6	233.9	220.4	207.2
65°	291.3	301.1	296.8	274.6	249.7	230.2	216.7	209.3	199.4	189.6	177.8
67.5°	223.1	242.2	239.6	227.8	206.3	191.1	182.2	175.7	166.7	159.4	151.4
70°	183.4	201.0	200.7	191.1	179.4	165.2	159.1	153.5	145.4	138.4	131.9
72.5°	150.1	166.2	168.6	161.3	153.3	142.5	136.6	132.8	125.0	120.2	114.9
75°	105.1	116.8	119.9	119.9	116.2	110.7	105.4	103.0	97.4	93.1	90.0
77.5°	68.9	76.3	81.1	82.2	82.8	81.0	76.6	74.9	70.7	69.1	66.1
80°	48.7	53.6	59.2	61.0	62.6	61.9	60.1	58.9	54.9	53.3	52.1
82.5°	33.7	36.4	41.0	45.0	44.6	46.2	44.6	43.6	40.6	40.0	38.7
85°	17.6	17.9	18.5	21.2	22.8	23.4	23.8	23.1	22.2	22.2	20.0
87.5°	7.0	6.6	7.0	6.9	7.0	7.8	8.5	8.6	7.9	7.4	6.7
90°	5.1	4.7	4.2	3.6	2.9	2.2	1.5	0.9	1.5	2.2	2.9
92.5°	4.9	4.4	4.0	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
95°	6.0	5.9	5.9	7.0	9.0	11.2	13.3	15.4	13.3	11.2	9.0
97.5°	21.3	28.2	35.2	37.9	36.7	35.3	34.0	32.7	34.0	35.3	36.7
100°	29.5	38.1	46.7	50.4	49.3	48.2	47.1	45.9	47.1	48.2	49.3
102.5°	61.6	62.7	63.8	64.0	63.1	62.3	61.6	60.7	61.6	62.3	63.1
105°	86.7	86.4	86.1	85.8	85.4	85.0	84.6	84.3	84.6	85.0	85.4
107.5°	108.1	107.7	107.2	106.9	106.7	106.5	106.3	106.2	106.3	106.5	106.7
110°	122.7	122.3	122.0	121.7	121.5	121.3	121.1	121.0	121.1	121.3	121.5





TEST NUMBER: P332895-927

CATALOG NUMBER: SA4XXRDIP-C575D365U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	137.2	137.0	136.9	136.7	136.3	135.9	135.6	135.3	135.6	135.9	136.3
115°	158.0	158.1	158.1	158.1	157.9	157.7	157.6	157.3	157.6	157.7	157.9
117.5°	178.7	178.6	178.4	178.2	178.0	177.7	177.4	177.2	177.4	177.7	178.0
120°	191.6	191.7	191.7	191.6	191.4	191.2	190.9	190.7	190.9	191.2	191.4
122.5°	204.1	204.0	203.9	203.8	203.7	203.5	203.4	203.2	203.4	203.5	203.7
125°	222.0	222.1	222.2	222.2	221.9	221.7	221.4	221.2	221.4	221.7	221.9
127.5°	239.2	238.9	238.6	238.4	238.4	238.3	238.3	238.2	238.3	238.3	238.4
130°	249.9	249.7	249.5	249.5	249.4	249.3	249.2	249.1	249.2	249.3	249.4
132.5°	260.3	260.1	259.8	259.7	259.6	259.4	259.4	259.3	259.4	259.4	259.6
135°	274.7	274.5	274.2	274.1	274.2	274.3	274.3	274.3	274.3	274.3	274.2
137.5°	288.5	288.3	288.0	287.9	287.8	287.8	287.8	287.7	287.8	287.8	287.8
140°	297.4	297.2	297.1	297.0	296.8	296.8	296.6	296.5	296.6	296.8	296.8
142.5°	305.5	305.5	305.4	305.2	305.0	304.8	304.5	304.4	304.5	304.8	305.0
145°	317.2	317.2	317.2	317.1	317.0	316.7	316.6	316.4	316.6	316.7	317.0
147.5°	327.3	327.4	327.5	327.3	327.0	326.6	326.3	325.9	326.3	326.6	327.0
150°	333.8	333.9	334.0	333.9	333.7	333.4	333.1	332.9	333.1	333.4	333.7
152.5°	339.3	339.5	339.5	339.5	339.3	339.1	338.9	338.7	338.9	339.1	339.3
155°	346.7	346.9	347.1	347.1	347.1	347.0	347.0	346.9	347.0	347.0	347.1
157.5°	353.1	353.3	353.5	353.6	353.6	353.7	353.7	353.8	353.7	353.7	353.6
160°	356.8	356.9	357.0	357.0	357.3	357.4	357.6	357.8	357.6	357.4	357.3
162.5°	360.1	360.2	360.3	360.4	360.7	360.9	361.2	361.4	361.2	360.9	360.7
165°	364.5	364.5	364.5	364.6	365.0	365.3	365.6	365.9	365.6	365.3	365.0
167.5°	368.0	368.0	368.0	368.2	368.5	368.8	369.2	369.5	369.2	368.8	368.5
170°	370.0	369.9	369.9	370.0	370.4	370.7	371.1	371.5	371.1	370.7	370.4
172.5°	371.4	371.3	371.2	371.4	371.8	372.1	372.5	372.9	372.5	372.1	371.8
175°	372.8	372.7	372.6	372.8	373.2	373.6	373.9	374.3	373.9	373.6	373.2
177.5°	373.7	373.6	373.4	373.6	373.9	374.3	374.6	375.0	374.6	374.3	373.9
180°	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3



TEST NUMBER: P332895-927

CATALOG NUMBER: SA4XXRDIP-C575D365U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	765.0	765.0	765.0	765.0	765.0	765.0	765.0	765.0	765.0	765.0	765.0
2.5°	751.2	748.8	745.5	741.8	737.4	733.5	731.7	733.2	734.0	732.0	731.7
5°	728.3	720.6	714.5	705.2	697.8	691.7	687.3	685.5	686.1	681.2	679.9
7.5°	702.6	693.5	683.4	672.4	662.2	653.2	648.4	645.8	640.6	638.3	634.5
10°	686.1	673.8	663.9	650.9	639.3	628.4	623.2	618.9	613.7	611.2	605.9
12.5°	669.1	654.8	644.0	630.5	618.5	605.5	600.6	592.6	584.3	579.2	572.4
15°	645.1	627.9	614.6	598.6	584.4	569.6	556.3	541.5	536.0	524.3	517.5
17.5°	617.0	599.5	583.1	561.7	539.8	521.4	507.2	493.1	484.6	477.1	473.6
20°	598.6	582.6	559.8	534.8	510.4	490.0	478.6	469.4	460.2	455.0	451.2
22.5°	581.1	560.6	534.1	507.2	482.8	466.9	457.2	447.7	440.2	435.2	430.3
25°	551.8	524.9	496.9	466.0	449.4	435.5	425.0	417.3	412.7	406.2	403.8
27.5°	521.6	489.1	458.1	437.4	420.1	407.4	398.3	392.5	386.7	382.5	379.3
30°	498.4	465.4	437.7	418.0	400.4	389.9	382.5	375.7	371.1	367.7	365.3
32.5°	475.5	442.5	419.1	398.0	384.1	373.9	366.0	360.9	357.3	352.9	351.4
35°	442.3	413.0	392.7	373.6	359.4	350.1	344.0	338.7	335.6	334.5	333.5
37.5°	410.4	386.4	364.6	348.9	336.3	329.0	321.7	319.2	317.0	314.8	315.8
40°	390.2	367.7	348.3	331.7	321.5	313.5	309.1	306.1	304.2	304.2	304.2
42.5°	372.7	350.7	331.8	316.9	306.7	299.9	295.1	292.5	291.9	291.6	293.1
45°	345.5	325.2	306.1	293.7	285.1	278.3	275.5	273.4	273.4	274.6	275.0
47.5°	318.6	299.5	284.2	270.4	262.4	258.3	255.8	254.7	254.8	256.0	257.5
50°	302.1	283.3	268.2	255.8	248.4	244.4	242.2	241.6	242.2	242.2	244.4
52.5°	284.1	267.2	252.4	242.0	233.6	229.9	228.7	227.8	228.2	229.2	230.1
55°	257.7	242.6	228.4	218.6	212.4	209.9	207.2	207.5	206.8	207.5	207.5
57.5°	231.2	217.7	204.5	196.6	191.2	187.7	184.7	185.4	184.6	184.4	183.9
60°	214.2	199.4	188.9	181.9	175.7	172.6	169.8	170.5	169.5	168.9	167.7
62.5°	195.7	183.4	173.4	166.6	161.6	158.0	155.3	154.6	152.5	150.4	147.7
65°	168.9	158.8	149.8	143.3	138.7	135.9	133.8	131.9	127.3	122.4	119.9
67.5°	142.8	135.5	127.1	121.7	118.0	114.3	110.2	107.0	102.7	100.0	98.5
70°	126.0	119.0	111.9	106.6	102.7	99.3	94.6	92.4	89.4	88.2	86.6
72.5°	110.0	103.5	96.8	92.1	87.9	85.2	81.6	79.4	78.0	77.6	76.0
75°	85.7	80.5	75.5	71.2	67.8	66.0	64.4	62.9	62.3	59.5	57.9
77.5°	62.5	59.0	56.0	52.9	50.5	49.3	46.3	44.5	43.5	42.1	41.8
80°	48.7	46.3	43.2	41.3	37.9	36.7	35.4	35.2	34.9	34.5	34.2
82.5°	36.6	34.1	31.1	29.9	29.1	28.3	27.6	27.3	26.9	27.1	27.1
85°	18.5	17.3	17.3	17.0	16.6	16.3	16.0	16.0	15.7	16.0	15.7
87.5°	6.9	6.7	6.8	6.5	6.8	6.9	6.7	6.8	7.1	6.7	6.7
90°	3.6	4.2	4.7	5.1	5.6	6.2	6.5	6.9	7.3	7.7	7.9
92.5°	3.6	4.0	4.4	4.9	5.5	5.9	6.3	6.7	7.1	7.4	7.6
95°	7.0	5.9	5.9	6.0	6.1	6.2	6.5	6.9	7.3	7.7	7.8
97.5°	37.9	35.2	28.2	21.3	14.3	7.4	7.4	7.4	7.5	7.5	7.6
100°	50.4	46.7	38.1	29.5	20.9	12.4	11.2	10.2	9.1	8.1	7.6
102.5°	64.0	63.8	62.7	61.6	60.4	59.3	47.9	36.5	25.1	13.7	8.0
105°	85.8	86.1	86.4	86.7	87.1	87.4	87.9	88.5	89.0	89.6	88.7
107.5°	106.9	107.2	107.7	108.1	108.4	108.9	109.2	109.5	109.7	110.0	110.3
110°	121.7	122.0	122.3	122.7	123.1	123.5	123.6	123.7	123.8	124.0	124.1



TEST NUMBER: P332895-927

CATALOG NUMBER: SA4XXRDIP-C575D365U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	136.7	136.9	137.0	137.2	137.4	137.6	137.5	137.5	137.5	137.4	137.6
115°	158.1	158.1	158.1	158.0	158.0	157.9	158.0	158.1	158.3	158.4	158.4
117.5°	178.2	178.4	178.6	178.7	178.8	179.0	179.0	178.9	178.9	178.9	178.8
120°	191.6	191.7	191.7	191.6	191.5	191.5	191.6	191.7	191.9	192.0	192.0
122.5°	203.8	203.9	204.0	204.1	204.1	204.3	204.3	204.4	204.5	204.5	204.5
125°	222.2	222.2	222.1	222.0	221.9	221.7	221.9	222.1	222.3	222.4	222.6
127.5°	238.4	238.6	238.9	239.2	239.5	239.8	239.7	239.7	239.6	239.6	239.6
130°	249.5	249.5	249.7	249.9	250.1	250.3	250.3	250.4	250.5	250.6	250.6
132.5°	259.7	259.8	260.1	260.3	260.5	260.8	260.9	260.9	261.0	261.1	261.1
135°	274.1	274.2	274.5	274.7	275.0	275.2	275.4	275.4	275.6	275.7	275.8
137.5°	287.9	288.0	288.3	288.5	288.8	289.1	289.2	289.4	289.5	289.6	289.7
140°	297.0	297.1	297.2	297.4	297.5	297.6	297.8	297.9	298.2	298.3	298.5
142.5°	305.2	305.4	305.5	305.5	305.6	305.7	305.8	305.9	306.1	306.2	306.3
145°	317.1	317.2	317.2	317.2	317.2	317.2	317.3	317.3	317.4	317.4	317.5
147.5°	327.3	327.5	327.4	327.3	327.3	327.3	327.3	327.3	327.4	327.4	327.5
150°	333.9	334.0	333.9	333.8	333.7	333.7	333.7	333.7	333.7	333.7	333.7
152.5°	339.5	339.5	339.5	339.3	339.2	339.1	339.2	339.3	339.4	339.5	339.5
155°	347.1	347.1	346.9	346.7	346.5	346.3	346.6	346.8	347.1	347.3	347.4
157.5°	353.6	353.5	353.3	353.1	352.8	352.7	353.0	353.3	353.6	353.9	353.9
160°	357.0	357.0	356.9	356.8	356.7	356.6	357.0	357.4	357.8	358.1	358.1
162.5°	360.4	360.3	360.2	360.1	360.1	360.0	360.4	360.8	361.2	361.6	361.5
165°	364.6	364.5	364.5	364.5	364.5	364.5	365.0	365.5	366.0	366.5	366.5
167.5°	368.2	368.0	368.0	368.0	367.9	367.9	368.4	369.0	369.6	370.0	370.0
170°	370.0	369.9	369.9	370.0	370.0	370.1	370.6	371.1	371.6	372.1	372.0
172.5°	371.4	371.2	371.3	371.4	371.4	371.5	371.9	372.5	373.0	373.4	373.4
175°	372.8	372.6	372.7	372.8	372.9	372.9	373.5	374.1	374.6	375.2	375.1
177.5°	373.6	373.4	373.6	373.7	373.8	373.8	374.3	374.7	375.1	375.5	375.3
180°	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3



TEST NUMBER: P332895-927

CATALOG NUMBER: SA4XXRDIP-C575D365U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	765.0	765.0	765.0	765.0	765.0	765.0	765.0	765.0	765.0	765.0	765.0
2.5°	730.2	730.7	729.0	728.5	729.0	730.7	730.2	731.7	732.0	734.0	733.2
5°	677.5	676.8	675.3	675.7	675.3	676.8	677.5	679.9	681.2	686.1	685.5
7.5°	632.3	629.9	630.7	628.1	630.7	629.9	632.3	634.5	638.3	640.6	645.8
10°	604.8	601.3	598.6	596.1	598.6	601.3	604.8	605.9	611.2	613.7	618.9
12.5°	567.0	564.1	560.3	561.1	560.3	564.1	567.0	572.4	579.2	584.3	592.6
15°	513.5	508.9	501.5	502.4	501.5	508.9	513.5	517.5	524.3	536.0	541.5
17.5°	468.2	468.3	464.9	465.6	464.9	468.3	468.2	473.6	477.1	484.6	493.1
20°	444.7	442.6	442.9	442.0	442.9	442.6	444.7	451.2	455.0	460.2	469.4
22.5°	428.5	425.9	423.7	421.8	423.7	425.9	428.5	430.3	435.2	440.2	447.7
25°	401.0	399.2	396.4	395.8	396.4	399.2	401.0	403.8	406.2	412.7	417.3
27.5°	376.8	376.4	375.3	373.9	375.3	376.4	376.8	379.3	382.5	386.7	392.5
30°	362.7	362.2	361.6	360.6	361.6	362.2	362.7	365.3	367.7	371.1	375.7
32.5°	350.2	349.8	349.2	349.3	349.2	349.8	350.2	351.4	352.9	357.3	360.9
35°	332.2	331.9	331.4	331.1	331.4	331.9	332.2	333.5	334.5	335.6	338.7
37.5°	315.5	316.3	315.9	315.8	315.9	316.3	315.5	315.8	314.8	317.0	319.2
40°	303.9	304.2	304.8	304.5	304.8	304.2	303.9	304.2	304.2	304.2	306.1
42.5°	294.3	294.4	295.2	294.1	295.2	294.4	294.3	293.1	291.6	291.9	292.5
45°	277.1	278.9	278.6	278.6	278.6	278.9	277.1	275.0	274.6	273.4	273.4
47.5°	258.3	259.9	260.3	260.2	260.3	259.9	258.3	257.5	256.0	254.8	254.7
50°	246.0	245.3	246.3	246.0	246.3	245.3	246.0	244.4	242.2	242.2	241.6
52.5°	230.9	231.1	231.0	230.7	231.0	231.1	230.9	230.1	229.2	228.2	227.8
55°	207.7	208.0	207.5	207.7	207.5	208.0	207.7	207.5	207.5	206.8	207.5
57.5°	182.6	181.1	181.7	181.0	181.7	181.1	182.6	183.9	184.4	184.6	185.4
60°	164.6	162.2	161.5	160.3	161.5	162.2	164.6	167.7	168.9	169.5	170.5
62.5°	144.3	142.7	140.5	141.6	140.5	142.7	144.3	147.7	150.4	152.5	154.6
65°	117.4	116.2	115.3	116.5	115.3	116.2	117.4	119.9	122.4	127.3	131.9
67.5°	97.2	96.6	96.6	95.9	96.6	96.6	97.2	98.5	100.0	102.7	107.0
70°	86.6	85.7	85.7	85.1	85.7	85.7	86.6	86.6	88.2	89.4	92.4
72.5°	75.7	74.9	75.1	74.7	75.1	74.9	75.7	76.0	77.6	78.0	79.4
75°	56.1	54.6	54.6	54.9	54.6	54.6	56.1	57.9	59.5	62.3	62.9
77.5°	41.8	41.5	42.0	41.4	42.0	41.5	41.8	41.8	42.1	43.5	44.5
80°	34.2	33.9	33.6	34.5	33.6	33.9	34.2	34.2	34.5	34.9	35.2
82.5°	26.5	26.5	26.5	27.6	26.5	26.5	26.5	27.1	27.1	26.9	27.3
85°	16.0	15.4	16.0	15.4	16.0	15.4	16.0	15.7	16.0	15.7	16.0
87.5°	7.3	7.1	6.8	7.1	6.8	7.1	7.3	6.7	6.7	7.1	6.8
90°	8.0	8.2	8.2	8.4	8.2	8.2	8.0	7.9	7.7	7.3	6.9
92.5°	7.7	7.7	7.7	7.8	7.7	7.7	7.7	7.6	7.4	7.1	6.7
95°	7.9	8.0	8.1	8.1	8.1	8.0	7.9	7.8	7.7	7.3	6.9
97.5°	7.7	7.7	7.8	7.8	7.8	7.7	7.7	7.6	7.5	7.5	7.4
100°	7.7	7.7	7.8	7.8	7.8	7.7	7.7	7.6	8.1	9.1	10.2
102.5°	8.0	8.0	8.1	8.1	8.1	8.0	8.0	8.0	13.7	25.1	36.5
105°	86.5	84.3	82.0	79.8	82.0	84.3	86.5	88.7	89.6	89.0	88.5
107.5°	110.5	110.7	111.0	111.2	111.0	110.7	110.5	110.3	110.0	109.7	109.5
110°	124.3	124.5	124.7	124.8	124.7	124.5	124.3	124.1	124.0	123.8	123.7



TEST NUMBER: P332895-927

CATALOG NUMBER: SA4XXRDIP-C575D365U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	137.8	138.1	138.3	138.6	138.3	138.1	137.8	137.6	137.4	137.5	137.5
115°	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.3	158.1
117.5°	178.8	178.8	178.8	178.7	178.8	178.8	178.8	178.8	178.9	178.9	178.9
120°	191.9	191.7	191.6	191.5	191.6	191.7	191.9	192.0	192.0	191.9	191.7
122.5°	204.4	204.3	204.1	204.1	204.1	204.3	204.4	204.5	204.5	204.5	204.4
125°	222.7	222.8	222.8	222.8	222.8	222.8	222.7	222.6	222.4	222.3	222.1
127.5°	239.6	239.5	239.4	239.4	239.4	239.5	239.6	239.6	239.6	239.6	239.7
130°	250.6	250.6	250.6	250.6	250.6	250.6	250.6	250.6	250.6	250.5	250.4
132.5°	261.0	260.9	260.9	260.9	260.9	260.9	261.0	261.1	261.1	261.0	260.9
135°	275.9	276.1	276.2	276.3	276.2	276.1	275.9	275.8	275.7	275.6	275.4
137.5°	289.6	289.6	289.5	289.5	289.5	289.6	289.6	289.7	289.6	289.5	289.4
140°	298.6	298.6	298.7	298.7	298.7	298.6	298.6	298.5	298.3	298.2	297.9
142.5°	306.3	306.3	306.3	306.3	306.3	306.3	306.3	306.3	306.2	306.1	305.9
145°	317.7	317.8	317.9	318.1	317.9	317.8	317.7	317.5	317.4	317.4	317.3
147.5°	327.6	327.6	327.6	327.7	327.6	327.6	327.6	327.5	327.4	327.4	327.3
150°	333.8	333.9	333.9	334.0	333.9	333.9	333.8	333.7	333.7	333.7	333.7
152.5°	339.5	339.5	339.5	339.4	339.5	339.5	339.5	339.5	339.5	339.4	339.3
155°	347.1	347.0	346.8	346.6	346.8	347.0	347.1	347.4	347.3	347.1	346.8
157.5°	353.6	353.3	353.0	352.7	353.0	353.3	353.6	353.9	353.9	353.6	353.3
160°	357.8	357.4	357.0	356.6	357.0	357.4	357.8	358.1	358.1	357.8	357.4
162.5°	361.1	360.7	360.2	359.8	360.2	360.7	361.1	361.5	361.6	361.2	360.8
165°	365.9	365.4	364.8	364.2	364.8	365.4	365.9	366.5	366.5	366.0	365.5
167.5°	369.4	368.8	368.1	367.6	368.1	368.8	369.4	370.0	370.0	369.6	369.0
170°	371.5	370.8	370.2	369.6	370.2	370.8	371.5	372.0	372.1	371.6	371.1
172.5°	372.7	372.0	371.4	370.7	371.4	372.0	372.7	373.4	373.4	373.0	372.5
175°	374.3	373.6	372.8	372.1	372.8	373.6	374.3	375.1	375.2	374.6	374.1
177.5°	374.8	374.1	373.6	373.0	373.6	374.1	374.8	375.3	375.5	375.1	374.7
180°	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3



TEST NUMBER: P332895-927

CATALOG NUMBER: SA4XXRDIP-C575D365U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	765.0	765.0	765.0	765.0	765.0	765.0	765.0	765.0	765.0	765.0	765.0
2.5°	731.7	733.5	737.4	741.8	745.5	748.8	751.2	754.6	757.9	762.3	766.5
5°	687.3	691.7	697.8	705.2	714.5	720.6	728.3	735.1	745.0	754.9	764.4
7.5°	648.4	653.2	662.2	672.4	683.4	693.5	702.6	714.5	727.6	742.0	758.0
10°	623.2	628.4	639.3	650.9	663.9	673.8	686.1	700.3	715.1	732.6	752.3
12.5°	600.6	605.5	618.5	630.5	644.0	654.8	669.1	683.5	703.2	722.3	744.7
15°	556.3	569.6	584.4	598.6	614.6	627.9	645.1	659.9	678.7	705.5	731.1
17.5°	507.2	521.4	539.8	561.7	583.1	599.5	617.0	635.4	657.8	685.2	714.7
20°	478.6	490.0	510.4	534.8	559.8	582.6	598.6	618.9	642.1	671.6	702.1
22.5°	457.2	466.9	482.8	507.2	534.1	560.6	581.1	601.2	626.8	656.3	689.6
25°	425.0	435.5	449.4	466.0	496.9	524.9	551.8	574.8	602.0	631.5	668.5
27.5°	398.3	407.4	420.1	437.4	458.1	489.1	521.6	548.0	575.8	607.5	644.5
30°	382.5	389.9	400.4	418.0	437.7	465.4	498.4	529.3	557.3	590.3	628.8
32.5°	366.0	373.9	384.1	398.0	419.1	442.5	475.5	509.2	539.0	572.7	610.5
35°	344.0	350.1	359.4	373.6	392.7	413.0	442.3	477.1	508.6	544.6	580.7
37.5°	321.7	329.0	336.3	348.9	364.6	386.4	410.4	446.0	480.9	513.7	549.0
40°	309.1	313.5	321.5	331.7	348.3	367.7	390.2	425.0	459.9	492.6	528.0
42.5°	295.1	299.9	306.7	316.9	331.8	350.7	372.7	402.8	439.2	470.9	503.1
45°	275.5	278.3	285.1	293.7	306.1	325.2	345.5	372.3	406.5	436.7	465.1
47.5°	255.8	258.3	262.4	270.4	284.2	299.5	318.6	342.6	372.6	402.8	426.8
50°	242.2	244.4	248.4	255.8	268.2	283.3	302.1	323.6	350.5	379.5	399.4
52.5°	228.7	229.9	233.6	242.0	252.4	267.2	284.1	303.9	329.0	353.1	373.4
55°	207.2	209.9	212.4	218.6	228.4	242.6	257.7	276.5	295.9	316.2	333.5
57.5°	184.7	187.7	191.2	196.6	204.5	217.7	231.2	246.4	263.0	280.0	294.4
60°	169.8	172.6	175.7	181.9	188.9	199.4	214.2	227.4	240.1	255.5	270.0
62.5°	155.3	158.0	161.6	166.6	173.4	183.4	195.7	207.2	220.4	233.9	244.6
65°	133.8	135.9	138.7	143.3	149.8	158.8	168.9	177.8	189.6	199.4	209.3
67.5°	110.2	114.3	118.0	121.7	127.1	135.5	142.8	151.4	159.4	166.7	175.7
70°	94.6	99.3	102.7	106.6	111.9	119.0	126.0	131.9	138.4	145.4	153.5
72.5°	81.6	85.2	87.9	92.1	96.8	103.5	110.0	114.9	120.2	125.0	132.8
75°	64.4	66.0	67.8	71.2	75.5	80.5	85.7	90.0	93.1	97.4	103.0
77.5°	46.3	49.3	50.5	52.9	56.0	59.0	62.5	66.1	69.1	70.7	74.9
80°	35.4	36.7	37.9	41.3	43.2	46.3	48.7	52.1	53.3	54.9	58.9
82.5°	27.6	28.3	29.1	29.9	31.1	34.1	36.6	38.7	40.0	40.6	43.6
85°	16.0	16.3	16.6	17.0	17.3	17.3	18.5	20.0	22.2	22.2	23.1
87.5°	6.7	6.9	6.8	6.5	6.8	6.7	6.9	6.7	7.4	7.9	8.6
90°	6.5	6.2	5.6	5.1	4.7	4.2	3.6	2.9	2.2	1.5	0.9
92.5°	6.3	5.9	5.5	4.9	4.4	4.0	3.6	3.6	3.6	3.6	3.6
95°	6.5	6.2	6.1	6.0	5.9	5.9	7.0	9.0	11.2	13.3	15.4
97.5°	7.4	7.4	14.3	21.3	28.2	35.2	37.9	36.7	35.3	34.0	32.7
100°	11.2	12.4	20.9	29.5	38.1	46.7	50.4	49.3	48.2	47.1	45.9
102.5°	47.9	59.3	60.4	61.6	62.7	63.8	64.0	63.1	62.3	61.6	60.7
105°	87.9	87.4	87.1	86.7	86.4	86.1	85.8	85.4	85.0	84.6	84.3
107.5°	109.2	108.9	108.4	108.1	107.7	107.2	106.9	106.7	106.5	106.3	106.2
110°	123.6	123.5	123.1	122.7	122.3	122.0	121.7	121.5	121.3	121.1	121.0



TEST NUMBER: P332895-927

CATALOG NUMBER: SA4XXRDIP-C575D365U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	137.5	137.6	137.4	137.2	137.0	136.9	136.7	136.3	135.9	135.6	135.3
115°	158.0	157.9	158.0	158.0	158.1	158.1	158.1	157.9	157.7	157.6	157.3
117.5°	179.0	179.0	178.8	178.7	178.6	178.4	178.2	178.0	177.7	177.4	177.2
120°	191.6	191.5	191.5	191.6	191.7	191.7	191.6	191.4	191.2	190.9	190.7
122.5°	204.3	204.3	204.1	204.1	204.0	203.9	203.8	203.7	203.5	203.4	203.2
125°	221.9	221.7	221.9	222.0	222.1	222.2	222.2	221.9	221.7	221.4	221.2
127.5°	239.7	239.8	239.5	239.2	238.9	238.6	238.4	238.4	238.3	238.3	238.2
130°	250.3	250.3	250.1	249.9	249.7	249.5	249.5	249.4	249.3	249.2	249.1
132.5°	260.9	260.8	260.5	260.3	260.1	259.8	259.7	259.6	259.4	259.4	259.3
135°	275.4	275.2	275.0	274.7	274.5	274.2	274.1	274.2	274.3	274.3	274.3
137.5°	289.2	289.1	288.8	288.5	288.3	288.0	287.9	287.8	287.8	287.8	287.7
140°	297.8	297.6	297.5	297.4	297.2	297.1	297.0	296.8	296.8	296.6	296.5
142.5°	305.8	305.7	305.6	305.5	305.5	305.4	305.2	305.0	304.8	304.5	304.4
145°	317.3	317.2	317.2	317.2	317.2	317.2	317.1	317.0	316.7	316.6	316.4
147.5°	327.3	327.3	327.3	327.3	327.4	327.5	327.3	327.0	326.6	326.3	325.9
150°	333.7	333.7	333.7	333.8	333.9	334.0	333.9	333.7	333.4	333.1	332.9
152.5°	339.2	339.1	339.2	339.3	339.5	339.5	339.5	339.3	339.1	338.9	338.7
155°	346.6	346.3	346.5	346.7	346.9	347.1	347.1	347.1	347.0	347.0	346.9
157.5°	353.0	352.7	352.8	353.1	353.3	353.5	353.6	353.6	353.7	353.7	353.8
160°	357.0	356.6	356.7	356.8	356.9	357.0	357.0	357.3	357.4	357.6	357.8
162.5°	360.4	360.0	360.1	360.1	360.2	360.3	360.4	360.7	360.9	361.2	361.4
165°	365.0	364.5	364.5	364.5	364.5	364.5	364.6	365.0	365.3	365.6	365.9
167.5°	368.4	367.9	367.9	368.0	368.0	368.0	368.2	368.5	368.8	369.2	369.5
170°	370.6	370.1	370.0	370.0	369.9	369.9	370.0	370.4	370.7	371.1	371.5
172.5°	371.9	371.5	371.4	371.4	371.3	371.2	371.4	371.8	372.1	372.5	372.9
175°	373.5	372.9	372.9	372.8	372.7	372.6	372.8	373.2	373.6	373.9	374.3
177.5°	374.3	373.8	373.8	373.7	373.6	373.4	373.6	373.9	374.3	374.6	375.0
180°	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3



TEST NUMBER: P332895-927

CATALOG NUMBER: SA4XXRDIP-C575D365U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	765.0	765.0	765.0	765.0	765.0	765.0	765.0	765.0	765.0	765.0	765.0
2.5°	769.7	771.9	774.4	779.0	783.0	784.7	788.2	790.7	789.9	793.4	799.3
5°	772.7	781.0	790.6	800.4	811.5	820.8	828.2	835.6	841.5	848.5	859.0
7.5°	772.2	787.0	803.1	820.8	839.0	854.7	869.3	884.1	897.1	911.6	930.3
10°	770.2	790.0	810.0	833.1	856.3	878.1	897.9	916.3	933.9	952.7	976.4
12.5°	768.0	790.7	814.9	842.7	871.6	897.9	921.1	947.7	969.6	993.9	1021.4
15°	758.2	788.8	821.7	857.8	892.3	927.7	959.5	992.2	1022.7	1051.6	1086.2
17.5°	747.0	782.2	821.1	863.7	905.2	948.2	986.0	1027.1	1058.3	1097.2	1129.3
20°	737.9	775.8	817.4	865.1	912.4	960.1	1001.7	1043.6	1078.8	1117.9	1158.6
22.5°	726.8	768.4	813.5	862.9	912.4	964.6	1010.6	1052.3	1095.8	1139.9	1181.8
25°	708.9	752.1	799.9	854.1	910.8	964.1	1013.4	1065.2	1112.1	1159.8	1197.5
27.5°	687.0	732.3	782.7	838.6	896.8	951.4	1009.5	1064.7	1111.8	1157.8	1190.6
30°	669.5	717.2	765.6	822.4	882.7	941.4	1003.5	1058.8	1108.3	1149.7	1168.2
32.5°	651.5	696.8	746.6	804.1	866.0	929.0	990.8	1047.2	1093.1	1117.8	1118.3
35°	620.1	662.7	714.5	770.9	834.3	902.8	965.4	1020.8	1048.8	1051.1	1020.8
37.5°	586.0	625.0	673.9	730.4	799.9	868.0	931.8	968.8	978.3	946.9	891.0
40°	561.6	597.6	644.8	702.7	771.8	842.1	900.3	927.4	917.6	866.7	804.5
42.5°	535.9	569.5	615.0	672.2	741.5	812.5	862.1	876.6	850.5	791.8	718.9
45°	494.1	524.9	569.9	627.6	694.1	760.7	798.3	790.9	747.4	677.8	596.1
47.5°	450.5	480.3	520.8	574.1	642.3	699.7	725.2	702.9	641.0	564.4	498.0
50°	421.7	452.2	489.5	540.3	602.6	658.1	674.4	640.5	571.7	498.1	437.0
52.5°	393.3	419.4	455.9	505.0	564.6	611.5	620.1	581.1	510.1	444.1	390.0
55°	350.1	373.9	404.7	450.9	502.4	542.2	537.6	487.3	422.9	366.5	323.9
57.5°	308.4	326.3	354.7	398.1	443.3	470.0	453.0	410.3	350.2	304.0	268.2
60°	280.8	297.5	323.9	361.9	401.6	416.7	402.5	356.0	308.6	266.3	236.1
62.5°	254.7	269.3	292.2	327.3	359.4	368.4	353.2	312.6	269.8	233.8	208.7
65°	216.7	230.2	249.7	274.6	296.8	301.1	291.3	249.7	217.3	187.1	169.8
67.5°	182.2	191.1	206.3	227.8	239.6	242.2	223.1	196.9	168.4	149.9	136.9
70°	159.1	165.2	179.4	191.1	200.7	201.0	183.4	162.4	140.5	125.5	115.9
72.5°	136.6	142.5	153.3	161.3	168.6	166.2	150.1	133.6	115.9	104.5	97.4
75°	105.4	110.7	116.2	119.9	119.9	116.8	105.1	92.8	82.6	75.8	73.7
77.5°	76.6	81.0	82.8	82.2	81.1	76.3	68.9	60.8	57.2	54.0	52.4
80°	60.1	61.9	62.6	61.0	59.2	53.6	48.7	45.3	41.9	40.7	40.1
82.5°	44.6	46.2	44.6	45.0	41.0	36.4	33.7	32.5	31.1	30.6	29.9
85°	23.8	23.4	22.8	21.2	18.5	17.9	17.6	17.3	16.6	17.0	16.3
87.5°	8.5	7.8	7.0	6.9	7.0	6.6	7.0	7.1	7.1	7.0	7.5
90°	1.5	2.2	2.9	3.6	4.2	4.7	5.1	5.6	6.2	6.5	6.9
92.5°	3.6	3.6	3.6	3.6	4.0	4.4	4.9	5.5	5.9	6.3	6.7
95°	13.3	11.2	9.0	7.0	5.9	5.9	6.0	6.1	6.2	6.5	6.9
97.5°	34.0	35.3	36.7	37.9	35.2	28.2	21.3	14.3	7.4	7.4	7.4
100°	47.1	48.2	49.3	50.4	46.7	38.1	29.5	20.9	12.4	11.2	10.2
102.5°	61.6	62.3	63.1	64.0	63.8	62.7	61.6	60.4	59.3	47.9	36.5
105°	84.6	85.0	85.4	85.8	86.1	86.4	86.7	87.1	87.4	87.9	88.5
107.5°	106.3	106.5	106.7	106.9	107.2	107.7	108.1	108.4	108.9	109.2	109.5
110°	121.1	121.3	121.5	121.7	122.0	122.3	122.7	123.1	123.5	123.6	123.7





TEST NUMBER: P332895-927

CATALOG NUMBER: SA4XXRDIP-C575D365U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	135.6	135.9	136.3	136.7	136.9	137.0	137.2	137.4	137.6	137.5	137.5
115°	157.6	157.7	157.9	158.1	158.1	158.1	158.0	158.0	157.9	158.0	158.1
117.5°	177.4	177.7	178.0	178.2	178.4	178.6	178.7	178.8	179.0	179.0	178.9
120°	190.9	191.2	191.4	191.6	191.7	191.7	191.6	191.5	191.5	191.6	191.7
122.5°	203.4	203.5	203.7	203.8	203.9	204.0	204.1	204.1	204.3	204.3	204.4
125°	221.4	221.7	221.9	222.2	222.2	222.1	222.0	221.9	221.7	221.9	222.1
127.5°	238.3	238.3	238.4	238.4	238.6	238.9	239.2	239.5	239.8	239.7	239.7
130°	249.2	249.3	249.4	249.5	249.5	249.7	249.9	250.1	250.3	250.3	250.4
132.5°	259.4	259.4	259.6	259.7	259.8	260.1	260.3	260.5	260.8	260.9	260.9
135°	274.3	274.3	274.2	274.1	274.2	274.5	274.7	275.0	275.2	275.4	275.4
137.5°	287.8	287.8	287.8	287.9	288.0	288.3	288.5	288.8	289.1	289.2	289.4
140°	296.6	296.8	296.8	297.0	297.1	297.2	297.4	297.5	297.6	297.8	297.9
142.5°	304.5	304.8	305.0	305.2	305.4	305.5	305.5	305.6	305.7	305.8	305.9
145°	316.6	316.7	317.0	317.1	317.2	317.2	317.2	317.2	317.2	317.3	317.3
147.5°	326.3	326.6	327.0	327.3	327.5	327.4	327.3	327.3	327.3	327.3	327.3
150°	333.1	333.4	333.7	333.9	334.0	333.9	333.8	333.7	333.7	333.7	333.7
152.5°	338.9	339.1	339.3	339.5	339.5	339.5	339.3	339.2	339.1	339.2	339.3
155°	347.0	347.0	347.1	347.1	347.1	346.9	346.7	346.5	346.3	346.6	346.8
157.5°	353.7	353.7	353.6	353.6	353.5	353.3	353.1	352.8	352.7	353.0	353.3
160°	357.6	357.4	357.3	357.0	357.0	356.9	356.8	356.7	356.6	357.0	357.4
162.5°	361.2	360.9	360.7	360.4	360.3	360.2	360.1	360.1	360.0	360.4	360.8
165°	365.6	365.3	365.0	364.6	364.5	364.5	364.5	364.5	364.5	365.0	365.5
167.5°	369.2	368.8	368.5	368.2	368.0	368.0	368.0	367.9	367.9	368.4	369.0
170°	371.1	370.7	370.4	370.0	369.9	369.9	370.0	370.0	370.1	370.6	371.1
172.5°	372.5	372.1	371.8	371.4	371.2	371.3	371.4	371.4	371.5	371.9	372.5
175°	373.9	373.6	373.2	372.8	372.6	372.7	372.8	372.9	372.9	373.5	374.1
177.5°	374.6	374.3	373.9	373.6	373.4	373.6	373.7	373.8	373.8	374.3	374.7
180°	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3



TEST NUMBER: P332895-927

CATALOG NUMBER: SA4XXRDIP-C575D365U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	765.0	765.0	765.0	765.0	765.0	765.0	765.0
2.5°	802.5	803.5	804.2	806.7	806.9	809.1	806.9
5°	868.9	873.2	880.0	886.8	887.4	891.7	884.0
7.5°	943.3	953.3	959.6	970.5	974.9	977.6	973.1
10°	994.7	1003.9	1020.3	1028.3	1036.3	1037.4	1033.8
12.5°	1044.2	1058.8	1071.7	1087.0	1086.6	1097.4	1093.4
15°	1110.2	1125.3	1143.2	1160.2	1166.3	1166.3	1171.2
17.5°	1157.3	1185.0	1203.5	1216.8	1231.4	1233.9	1232.2
20°	1189.1	1219.0	1238.7	1256.0	1265.9	1268.7	1268.7
22.5°	1212.8	1238.3	1257.5	1273.0	1281.2	1284.4	1283.4
25°	1229.2	1251.1	1262.8	1267.4	1269.6	1268.9	1263.1
27.5°	1206.7	1205.8	1198.3	1184.2	1173.5	1167.0	1159.7
30°	1163.9	1147.8	1129.3	1109.0	1082.8	1062.7	1056.6
32.5°	1100.0	1064.0	1032.7	998.8	970.6	950.5	942.1
35°	976.4	919.4	872.9	832.2	802.6	784.1	777.9
37.5°	829.9	774.7	717.1	677.6	653.1	634.4	627.4
40°	736.7	676.5	626.3	589.3	564.0	545.9	545.6
42.5°	651.6	594.2	546.9	520.3	493.1	481.0	480.9
45°	533.5	487.6	447.5	426.6	410.3	400.4	397.6
47.5°	441.7	403.8	377.1	360.4	347.1	340.8	336.7
50°	390.2	357.0	335.6	321.2	313.8	305.8	305.1
52.5°	347.3	320.4	303.9	292.1	282.7	277.9	278.1
55°	291.9	270.6	258.9	249.9	242.6	238.8	237.3
57.5°	245.9	230.0	221.4	213.3	210.1	207.2	206.4
60°	217.3	206.5	198.5	192.0	187.4	186.5	186.2
62.5°	193.6	182.4	176.8	171.8	168.4	167.0	166.4
65°	159.6	151.3	146.4	142.4	141.2	139.0	138.7
67.5°	128.7	123.7	120.5	117.7	116.0	115.9	115.9
70°	109.7	106.9	104.2	102.7	101.7	101.1	101.1
72.5°	93.5	91.4	89.1	88.3	88.2	87.5	87.3
75°	71.2	69.1	69.3	67.8	66.5	65.0	64.1
77.5°	50.5	49.0	48.6	48.5	47.4	47.2	47.7
80°	39.1	37.6	37.3	37.6	37.3	36.4	36.4
82.5°	29.8	28.5	28.2	28.0	27.6	28.0	27.5
85°	16.0	15.4	15.4	15.4	16.0	15.7	15.4
87.5°	7.1	7.0	7.3	7.1	7.1	6.8	7.1
90°	7.3	7.7	7.9	8.0	8.2	8.2	8.4
92.5°	7.1	7.4	7.6	7.7	7.7	7.7	7.8
95°	7.3	7.7	7.8	7.9	8.0	8.1	8.1
97.5°	7.5	7.5	7.6	7.7	7.7	7.8	7.8
100°	9.1	8.1	7.6	7.7	7.7	7.8	7.8
102.5°	25.1	13.7	8.0	8.0	8.0	8.1	8.1
105°	89.0	89.6	88.7	86.5	84.3	82.0	79.8
107.5°	109.7	110.0	110.3	110.5	110.7	111.0	111.2
110°	123.8	124.0	124.1	124.3	124.5	124.7	124.8



TEST NUMBER: P332895-927

CATALOG NUMBER: SA4XXRDIP-C575D365U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	137.5	137.4	137.6	137.8	138.1	138.3	138.6
115°	158.3	158.4	158.4	158.4	158.4	158.4	158.4
117.5°	178.9	178.9	178.8	178.8	178.8	178.8	178.7
120°	191.9	192.0	192.0	191.9	191.7	191.6	191.5
122.5°	204.5	204.5	204.5	204.4	204.3	204.1	204.1
125°	222.3	222.4	222.6	222.7	222.8	222.8	222.8
127.5°	239.6	239.6	239.6	239.6	239.5	239.4	239.4
130°	250.5	250.6	250.6	250.6	250.6	250.6	250.6
132.5°	261.0	261.1	261.1	261.0	260.9	260.9	260.9
135°	275.6	275.7	275.8	275.9	276.1	276.2	276.3
137.5°	289.5	289.6	289.7	289.6	289.6	289.5	289.5
140°	298.2	298.3	298.5	298.6	298.6	298.7	298.7
142.5°	306.1	306.2	306.3	306.3	306.3	306.3	306.3
145°	317.4	317.4	317.5	317.7	317.8	317.9	318.1
147.5°	327.4	327.4	327.5	327.6	327.6	327.6	327.7
150°	333.7	333.7	333.7	333.8	333.9	333.9	334.0
152.5°	339.4	339.5	339.5	339.5	339.5	339.5	339.4
155°	347.1	347.3	347.4	347.1	347.0	346.8	346.6
157.5°	353.6	353.9	353.9	353.6	353.3	353.0	352.7
160°	357.8	358.1	358.1	357.8	357.4	357.0	356.6
162.5°	361.2	361.6	361.5	361.1	360.7	360.2	359.8
165°	366.0	366.5	366.5	365.9	365.4	364.8	364.2
167.5°	369.6	370.0	370.0	369.4	368.8	368.1	367.6
170°	371.6	372.1	372.0	371.5	370.8	370.2	369.6
172.5°	373.0	373.4	373.4	372.7	372.0	371.4	370.7
175°	374.6	375.2	375.1	374.3	373.6	372.8	372.1
177.5°	375.1	375.5	375.3	374.8	374.1	373.6	373.0
180°	374.3	374.3	374.3	374.3	374.3	374.3	374.3

(END OF REPORT)