

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: P333040-927

Luminaire Tested: **S124RDIW-S575D770U927-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333040-927
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-10,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S124RDIW-S575D770U927-4F0-1E-UDD-A1
Description: DEFINE 4 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 575 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 770 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4045.2 lumens
Efficiency: N/A
Efficacy: 107.6 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: General Diffuse

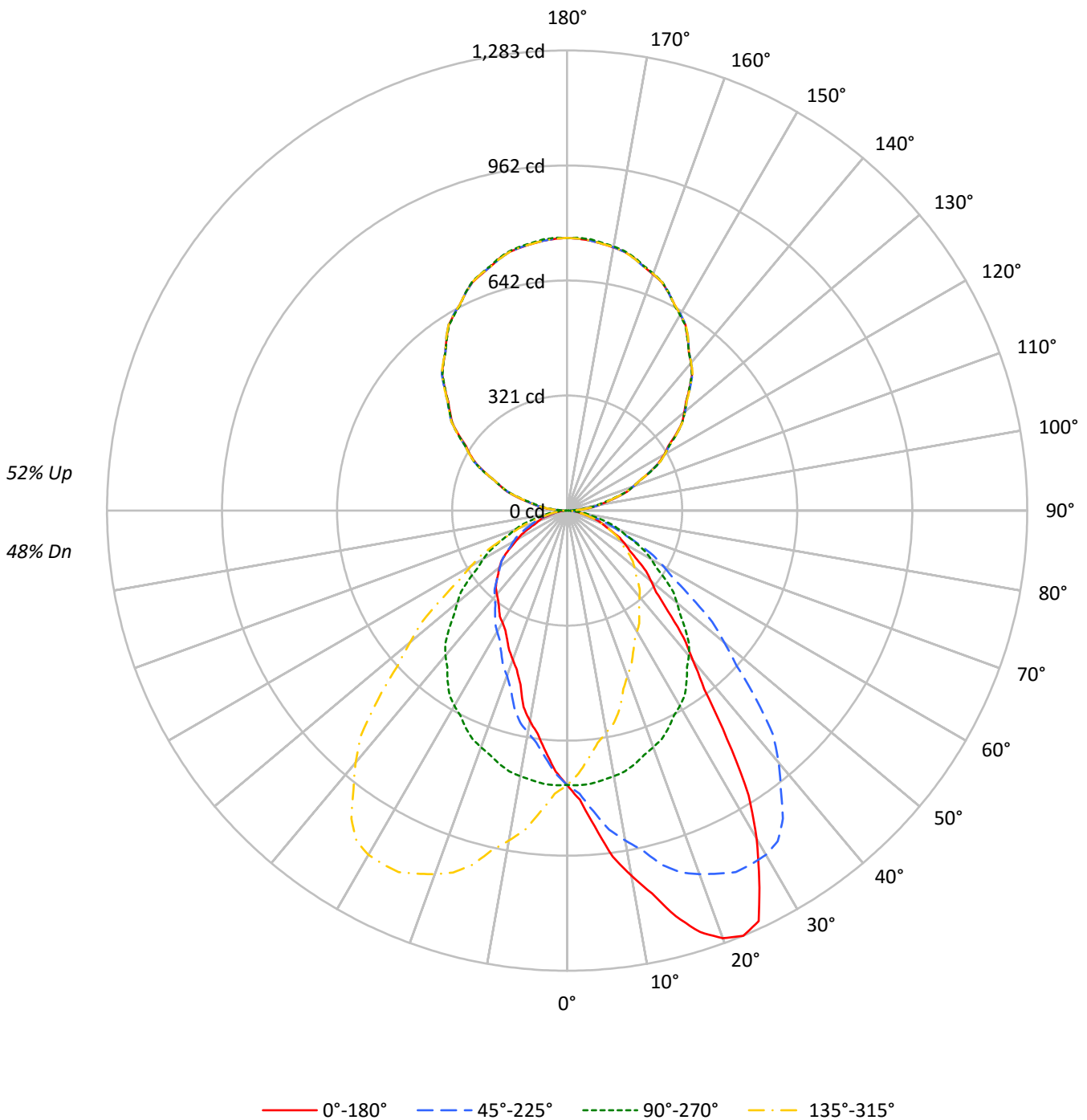
Input Watts (W): 37.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48
1	98	94	90	87	90	86	83	80	73	70	68	60	59	57	49	48	47	41
2	89	82	76	71	82	76	71	67	64	60	57	53	51	48	43	41	40	35
3	82	73	66	60	75	67	61	56	57	52	49	47	44	41	39	36	34	30
4	75	65	57	51	69	60	53	48	51	46	42	43	39	36	35	32	30	26
5	69	58	50	44	63	53	47	41	46	40	36	38	34	31	32	29	26	23
6	64	52	44	38	58	48	41	36	41	36	32	35	31	28	29	26	23	20
7	59	47	39	34	54	44	37	32	37	32	28	32	28	24	26	23	21	18
8	55	43	35	30	50	40	33	28	34	29	25	29	25	22	24	21	19	16
9	51	39	32	27	47	36	30	25	31	26	22	27	23	20	22	19	17	15
10	48	36	29	24	44	33	27	23	29	24	20	25	21	18	21	18	15	14

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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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.1	1.8
10°-20°	223.6	5.5
20°-30°	349.7	8.6
30°-40°	388.8	9.6
40°-50°	344.9	8.5
50°-60°	268.8	6.6
60°-70°	176.0	4.4
70°-80°	86.5	2.1
80°-90°	23.6	0.6
90°-100°	50.1	1.2
100°-110°	148.5	3.7
110°-120°	252.1	6.2
120°-130°	332.4	8.2
130°-140°	373.3	9.2
140°-150°	366.9	9.1
150°-160°	308.6	7.6
160°-170°	205.3	5.1
170°-180°	71.9	1.8
0°-30°	647.4	16.0
0°-40°	1036.2	25.6
0°-60°	1649.9	40.8
0°-90°	1936.0	47.9
90°-120°	450.8	11.1
90°-150°	1523.4	37.7
90°-180°	2109.0	52.1
0°-180°	4045.2	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°	18	2	18	2	18	10
95°	46	35	46	35	46	48
105°	144	137	144	137	144	151
115°	254	256	254	256	254	251
125°	370	373	370	373	370	330
135°	482	482	482	482	482	372
145°	586	585	586	585	586	366
155°	670	670	670	670	670	308
165°	728	730	728	730	728	205
175°	756	759	756	759	756	72
180°	760	760	760	760	760	



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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°	9.0	8.6	8.9	8.8	9.0	8.6	8.7	9.0	8.4	8.5	8.3
90°	17.7	17.3	17.1	16.9	16.6	16.1	15.3	14.5	13.7	12.9	11.9
92.5°	26.1	26.0	25.8	25.7	25.5	25.2	24.7	24.2	23.8	23.3	22.6
95°	46.4	46.4	46.4	46.4	46.4	46.3	45.9	45.5	45.1	44.7	43.8
97.5°	72.8	72.8	72.8	72.8	72.8	72.6	72.1	71.6	71.1	70.7	69.6
100°	91.1	91.1	91.1	91.1	91.1	91.0	90.7	90.5	90.2	90.0	88.8
102.5°	111.9	111.7	111.6	111.5	111.4	111.1	110.8	110.4	110.1	109.7	108.6
105°	143.5	143.1	142.7	142.3	141.9	141.5	141.1	140.7	140.3	139.9	139.4
107.5°	174.3	174.3	174.4	174.4	174.4	174.2	173.8	173.5	173.1	172.8	172.7
110°	196.4	196.0	195.6	195.2	194.8	194.7	195.0	195.3	195.5	195.7	195.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	219.0	218.9	218.8	218.7	218.6	218.6	218.6	218.7	218.8	218.8	219.0
115°	254.0	254.1	254.3	254.4	254.5	254.6	254.8	254.9	255.0	255.2	255.4
117.5°	287.4	287.6	287.9	288.2	288.4	288.8	289.2	289.7	290.1	290.6	290.7
120°	312.8	312.5	312.3	312.0	311.7	312.0	312.6	313.2	313.9	314.6	315.0
122.5°	334.0	334.5	334.9	335.3	335.8	336.3	336.8	337.2	337.6	338.1	338.3
125°	370.4	370.7	370.9	371.2	371.5	371.7	372.0	372.2	372.5	372.7	372.9
127.5°	404.2	404.3	404.6	404.8	405.0	405.2	405.5	405.8	406.0	406.3	406.5
130°	426.3	426.7	427.3	427.9	428.3	428.7	429.0	429.3	429.5	429.8	429.8
132.5°	449.8	450.0	450.2	450.4	450.6	450.8	451.1	451.4	451.6	451.9	452.0
135°	482.1	482.5	482.9	483.3	483.7	484.0	484.3	484.5	484.8	485.1	485.1
137.5°	516.1	516.0	515.9	515.9	515.8	515.9	516.3	516.6	516.9	517.3	517.1
140°	536.8	536.9	537.0	537.2	537.3	537.4	537.6	537.7	537.8	538.0	538.0
142.5°	557.5	557.5	557.5	557.5	557.6	557.6	557.6	557.7	557.7	557.7	557.9
145°	585.6	586.0	586.4	586.8	587.2	587.4	587.6	587.7	587.8	588.0	587.8
147.5°	614.0	614.2	614.3	614.4	614.6	614.7	614.8	614.9	615.0	615.1	615.2
150°	631.4	631.6	631.7	631.8	632.0	632.1	632.1	632.1	632.1	632.1	632.1
152.5°	647.5	647.8	648.2	648.5	648.8	648.8	648.5	648.2	647.8	647.5	647.5
155°	669.7	670.2	670.7	671.2	671.8	671.8	671.2	670.7	670.2	669.7	669.8
157.5°	689.5	690.0	690.5	690.9	691.3	691.3	690.9	690.5	690.1	689.8	689.8
160°	700.8	701.5	702.1	702.8	703.5	703.6	703.2	702.8	702.4	702.0	702.1
162.5°	712.6	713.3	713.9	714.5	715.2	715.2	714.5	713.8	713.0	712.3	712.5
165°	727.9	728.4	728.9	729.4	730.0	729.8	729.0	728.3	727.5	726.7	727.0
167.5°	738.8	739.7	740.5	741.2	742.0	742.0	741.2	740.5	739.7	738.9	738.9
170°	745.0	745.8	746.8	747.7	748.6	748.7	747.9	747.1	746.3	745.5	745.4
172.5°	750.1	751.0	751.9	752.8	753.8	753.8	752.9	752.0	751.1	750.2	750.2
175°	755.5	756.5	757.3	758.3	759.1	759.1	758.3	757.3	756.5	755.5	755.7
177.5°	758.4	759.1	760.0	760.8	761.7	761.8	761.0	760.3	759.5	758.8	758.8
180°	760.2	760.2	760.2	760.2	760.2	760.2	760.2	760.2	760.2	760.2	760.2



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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°	8.1	7.6	7.9	7.7	7.6	8.3	8.8	8.7	8.3	7.8	7.4
90°	10.9	9.8	8.8	7.5	6.1	4.7	3.2	1.7	3.2	4.7	6.1
92.5°	21.8	21.1	20.4	19.2	17.5	15.8	14.3	12.6	14.3	15.8	17.5
95°	42.9	41.9	41.0	40.0	38.8	37.6	36.4	35.3	36.4	37.6	38.8
97.5°	68.5	67.5	66.4	65.4	64.4	63.5	62.6	61.6	62.6	63.5	64.4
100°	87.6	86.4	85.2	84.4	83.9	83.3	82.9	82.3	82.9	83.3	83.9
102.5°	107.6	106.5	105.4	104.8	104.6	104.3	104.2	103.9	104.2	104.3	104.6
105°	138.9	138.4	137.8	137.5	137.4	137.3	137.1	137.0	137.1	137.3	137.4
107.5°	172.6	172.5	172.5	172.3	172.1	172.0	171.8	171.7	171.8	172.0	172.1
110°	196.1	196.1	196.3	196.2	196.0	195.7	195.4	195.2	195.4	195.7	196.0



TEST NUMBER: P333040-927

CATALOG NUMBER: S124RDIW-S575D770U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	219.3	219.5	219.8	219.8	219.8	219.8	219.7	219.7	219.7	219.8	219.8
115°	255.7	256.0	256.2	256.4	256.4	256.4	256.4	256.4	256.4	256.4	256.4
117.5°	291.0	291.1	291.3	291.4	291.2	291.1	291.0	290.9	291.0	291.1	291.2
120°	315.4	315.8	316.1	316.1	315.5	315.0	314.5	313.9	314.5	315.0	315.5
122.5°	338.4	338.7	338.8	338.8	338.6	338.3	338.2	337.9	338.2	338.3	338.6
125°	373.0	373.1	373.3	373.4	373.4	373.4	373.4	373.4	373.4	373.4	373.4
127.5°	406.7	406.9	407.1	407.0	406.6	406.2	405.8	405.4	405.8	406.2	406.6
130°	429.8	429.8	429.8	429.6	429.2	428.8	428.4	428.0	428.4	428.8	429.2
132.5°	452.1	452.2	452.3	452.3	451.9	451.6	451.4	451.1	451.4	451.6	451.9
135°	485.1	485.1	485.1	484.7	483.9	483.1	482.3	481.6	482.3	483.1	483.9
137.5°	516.8	516.7	516.4	516.2	515.8	515.4	515.1	514.7	515.1	515.4	515.8
140°	538.0	538.0	538.0	537.8	537.6	537.3	537.0	536.8	537.0	537.3	537.6
142.5°	557.9	558.0	558.2	558.1	557.8	557.5	557.3	557.0	557.3	557.5	557.8
145°	587.7	587.6	587.4	587.1	586.6	586.1	585.5	585.0	585.5	586.1	586.6
147.5°	615.3	615.4	615.5	615.3	614.7	614.0	613.4	612.8	613.4	614.0	614.7
150°	632.1	632.1	632.1	631.8	631.3	630.7	630.2	629.7	630.2	630.7	631.3
152.5°	647.4	647.2	647.1	647.0	646.7	646.3	646.0	645.7	646.0	646.3	646.7
155°	669.9	670.0	670.2	670.3	670.3	670.3	670.3	670.3	670.3	670.3	670.3
157.5°	689.8	689.8	689.9	690.0	690.2	690.5	690.7	690.9	690.7	690.5	690.2
160°	702.3	702.4	702.5	702.7	702.8	702.9	703.1	703.2	703.1	702.9	702.8
162.5°	712.6	712.7	712.9	713.1	713.4	713.8	714.2	714.5	714.2	713.8	713.4
165°	727.2	727.5	727.8	728.1	728.5	728.9	729.3	729.7	729.3	728.9	728.5
167.5°	738.9	738.9	738.8	739.1	739.7	740.2	740.8	741.2	740.8	740.2	739.7
170°	745.3	745.1	745.0	745.3	745.9	746.6	747.2	747.9	747.2	746.6	745.9
172.5°	750.2	750.1	750.1	750.4	750.9	751.5	752.0	752.6	752.0	751.5	750.9
175°	755.7	755.9	756.1	756.5	757.1	757.7	758.4	759.1	758.4	757.7	757.1
177.5°	758.8	758.8	758.8	759.1	759.6	760.1	760.7	761.1	760.7	760.1	759.6
180°	760.2	760.2	760.2	760.2	760.2	760.2	760.2	760.2	760.2	760.2	760.2



TEST NUMBER: P333040-927

CATALOG NUMBER: S124RDIW-S575D770U927-4F0-1E-UDD-A1

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°	7.7	7.7	7.8	7.6	8.1	8.2	8.2	8.3	8.7	8.4	8.5
90°	7.5	8.8	9.8	10.9	11.9	12.9	13.7	14.5	15.3	16.1	16.6
92.5°	19.2	20.4	21.1	21.8	22.6	23.3	23.8	24.2	24.7	25.2	25.5
95°	40.0	41.0	41.9	42.9	43.8	44.7	45.1	45.5	45.9	46.3	46.4
97.5°	65.4	66.4	67.5	68.5	69.6	70.7	71.1	71.6	72.1	72.6	72.8
100°	84.4	85.2	86.4	87.6	88.8	90.0	90.2	90.5	90.7	91.0	91.1
102.5°	104.8	105.4	106.5	107.6	108.6	109.7	110.1	110.4	110.8	111.1	111.4
105°	137.5	137.8	138.4	138.9	139.4	139.9	140.3	140.7	141.1	141.5	141.9
107.5°	172.3	172.5	172.5	172.6	172.7	172.8	173.1	173.5	173.8	174.2	174.4
110°	196.2	196.3	196.1	196.1	195.9	195.7	195.5	195.3	195.0	194.7	194.8



TEST NUMBER: P333040-927

CATALOG NUMBER: S124RDIW-S575D770U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	219.8	219.8	219.5	219.3	219.0	218.8	218.8	218.7	218.6	218.6	218.6
115°	256.4	256.2	256.0	255.7	255.4	255.2	255.0	254.9	254.8	254.6	254.5
117.5°	291.4	291.3	291.1	291.0	290.7	290.6	290.1	289.7	289.2	288.8	288.4
120°	316.1	316.1	315.8	315.4	315.0	314.6	313.9	313.2	312.6	312.0	311.7
122.5°	338.8	338.8	338.7	338.4	338.3	338.1	337.6	337.2	336.8	336.3	335.8
125°	373.4	373.3	373.1	373.0	372.9	372.7	372.5	372.2	372.0	371.7	371.5
127.5°	407.0	407.1	406.9	406.7	406.5	406.3	406.0	405.8	405.5	405.2	405.0
130°	429.6	429.8	429.8	429.8	429.8	429.8	429.5	429.3	429.0	428.7	428.3
132.5°	452.3	452.3	452.2	452.1	452.0	451.9	451.6	451.4	451.1	450.8	450.6
135°	484.7	485.1	485.1	485.1	485.1	485.1	484.8	484.5	484.3	484.0	483.7
137.5°	516.2	516.4	516.7	516.8	517.1	517.3	516.9	516.6	516.3	515.9	515.8
140°	537.8	538.0	538.0	538.0	538.0	538.0	537.8	537.7	537.6	537.4	537.3
142.5°	558.1	558.2	558.0	557.9	557.9	557.7	557.7	557.7	557.6	557.6	557.6
145°	587.1	587.4	587.6	587.7	587.8	588.0	587.8	587.7	587.6	587.4	587.2
147.5°	615.3	615.5	615.4	615.3	615.2	615.1	615.0	614.9	614.8	614.7	614.6
150°	631.8	632.1	632.1	632.1	632.1	632.1	632.1	632.1	632.1	632.1	632.0
152.5°	647.0	647.1	647.2	647.4	647.5	647.5	647.8	648.2	648.5	648.8	648.8
155°	670.3	670.2	670.0	669.9	669.8	669.7	670.2	670.7	671.2	671.8	671.8
157.5°	690.0	689.9	689.8	689.8	689.8	689.8	690.1	690.5	690.9	691.3	691.3
160°	702.7	702.5	702.4	702.3	702.1	702.0	702.4	702.8	703.2	703.6	703.5
162.5°	713.1	712.9	712.7	712.6	712.5	712.3	713.0	713.8	714.5	715.2	715.2
165°	728.1	727.8	727.5	727.2	727.0	726.7	727.5	728.3	729.0	729.8	730.0
167.5°	739.1	738.8	738.9	738.9	738.9	738.9	739.7	740.5	741.2	742.0	742.0
170°	745.3	745.0	745.1	745.3	745.4	745.5	746.3	747.1	747.9	748.7	748.6
172.5°	750.4	750.1	750.1	750.2	750.2	750.2	751.1	752.0	752.9	753.8	753.8
175°	756.5	756.1	755.9	755.7	755.7	755.5	756.5	757.3	758.3	759.1	759.1
177.5°	759.1	758.8	758.8	758.8	758.8	758.8	759.5	760.3	761.0	761.8	761.7
180°	760.2	760.2	760.2	760.2	760.2	760.2	760.2	760.2	760.2	760.2	760.2



TEST NUMBER: P333040-927

CATALOG NUMBER: S124RDIW-S575D770U927-4F0-1E-UDD-A1

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°	9.0	8.9	8.6	9.0	8.6	8.9	9.0	8.5	8.4	8.7	8.3
90°	16.9	17.1	17.3	17.7	17.3	17.1	16.9	16.6	16.1	15.3	14.5
92.5°	25.7	25.8	26.0	26.1	26.0	25.8	25.7	25.5	25.2	24.7	24.2
95°	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.3	45.9	45.5
97.5°	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.6	72.1	71.6
100°	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.0	90.7	90.5
102.5°	111.5	111.6	111.7	111.9	111.7	111.6	111.5	111.4	111.1	110.8	110.4
105°	142.3	142.7	143.1	143.5	143.1	142.7	142.3	141.9	141.5	141.1	140.7
107.5°	174.4	174.4	174.3	174.3	174.3	174.4	174.4	174.4	174.2	173.8	173.5
110°	195.2	195.6	196.0	196.4	196.0	195.6	195.2	194.8	194.7	195.0	195.3



TEST NUMBER: P333040-927

CATALOG NUMBER: S124RDIW-S575D770U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	218.7	218.8	218.9	219.0	218.9	218.8	218.7	218.6	218.6	218.6	218.7
115°	254.4	254.3	254.1	254.0	254.1	254.3	254.4	254.5	254.6	254.8	254.9
117.5°	288.2	287.9	287.6	287.4	287.6	287.9	288.2	288.4	288.8	289.2	289.7
120°	312.0	312.3	312.5	312.8	312.5	312.3	312.0	311.7	312.0	312.6	313.2
122.5°	335.3	334.9	334.5	334.0	334.5	334.9	335.3	335.8	336.3	336.8	337.2
125°	371.2	370.9	370.7	370.4	370.7	370.9	371.2	371.5	371.7	372.0	372.2
127.5°	404.8	404.6	404.3	404.2	404.3	404.6	404.8	405.0	405.2	405.5	405.8
130°	427.9	427.3	426.7	426.3	426.7	427.3	427.9	428.3	428.7	429.0	429.3
132.5°	450.4	450.2	450.0	449.8	450.0	450.2	450.4	450.6	450.8	451.1	451.4
135°	483.3	482.9	482.5	482.1	482.5	482.9	483.3	483.7	484.0	484.3	484.5
137.5°	515.9	515.9	516.0	516.1	516.0	515.9	515.9	515.8	515.9	516.3	516.6
140°	537.2	537.0	536.9	536.8	536.9	537.0	537.2	537.3	537.4	537.6	537.7
142.5°	557.5	557.5	557.5	557.5	557.5	557.5	557.5	557.6	557.6	557.6	557.7
145°	586.8	586.4	586.0	585.6	586.0	586.4	586.8	587.2	587.4	587.6	587.7
147.5°	614.4	614.3	614.2	614.0	614.2	614.3	614.4	614.6	614.7	614.8	614.9
150°	631.8	631.7	631.6	631.4	631.6	631.7	631.8	632.0	632.1	632.1	632.1
152.5°	648.5	648.2	647.8	647.5	647.8	648.2	648.5	648.8	648.8	648.5	648.2
155°	671.2	670.7	670.2	669.7	670.2	670.7	671.2	671.8	671.8	671.2	670.7
157.5°	690.9	690.5	690.0	689.5	690.0	690.5	690.9	691.3	691.3	690.9	690.5
160°	702.8	702.1	701.5	700.8	701.5	702.1	702.8	703.5	703.6	703.2	702.8
162.5°	714.5	713.9	713.3	712.6	713.3	713.9	714.5	715.2	715.2	714.5	713.8
165°	729.4	728.9	728.4	727.9	728.4	728.9	729.4	730.0	729.8	729.0	728.3
167.5°	741.2	740.5	739.7	738.8	739.7	740.5	741.2	742.0	742.0	741.2	740.5
170°	747.7	746.8	745.8	745.0	745.8	746.8	747.7	748.6	748.7	747.9	747.1
172.5°	752.8	751.9	751.0	750.1	751.0	751.9	752.8	753.8	753.8	752.9	752.0
175°	758.3	757.3	756.5	755.5	756.5	757.3	758.3	759.1	759.1	758.3	757.3
177.5°	760.8	760.0	759.1	758.4	759.1	760.0	760.8	761.7	761.8	761.0	760.3
180°	760.2	760.2	760.2	760.2	760.2	760.2	760.2	760.2	760.2	760.2	760.2



TEST NUMBER: P333040-927

CATALOG NUMBER: S124RDIW-S575D770U927-4F0-1E-UDD-A1

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°	8.2	8.2	8.1	7.6	7.8	7.7	7.7	7.4	7.8	8.3	8.7
90°	13.7	12.9	11.9	10.9	9.8	8.8	7.5	6.1	4.7	3.2	1.7
92.5°	23.8	23.3	22.6	21.8	21.1	20.4	19.2	17.5	15.8	14.3	12.6
95°	45.1	44.7	43.8	42.9	41.9	41.0	40.0	38.8	37.6	36.4	35.3
97.5°	71.1	70.7	69.6	68.5	67.5	66.4	65.4	64.4	63.5	62.6	61.6
100°	90.2	90.0	88.8	87.6	86.4	85.2	84.4	83.9	83.3	82.9	82.3
102.5°	110.1	109.7	108.6	107.6	106.5	105.4	104.8	104.6	104.3	104.2	103.9
105°	140.3	139.9	139.4	138.9	138.4	137.8	137.5	137.4	137.3	137.1	137.0
107.5°	173.1	172.8	172.7	172.6	172.5	172.5	172.3	172.1	172.0	171.8	171.7
110°	195.5	195.7	195.9	196.1	196.1	196.3	196.2	196.0	195.7	195.4	195.2



TEST NUMBER: P333040-927

CATALOG NUMBER: S124RDIW-S575D770U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	218.8	218.8	219.0	219.3	219.5	219.8	219.8	219.8	219.8	219.7	219.7
115°	255.0	255.2	255.4	255.7	256.0	256.2	256.4	256.4	256.4	256.4	256.4
117.5°	290.1	290.6	290.7	291.0	291.1	291.3	291.4	291.2	291.1	291.0	290.9
120°	313.9	314.6	315.0	315.4	315.8	316.1	316.1	315.5	315.0	314.5	313.9
122.5°	337.6	338.1	338.3	338.4	338.7	338.8	338.8	338.6	338.3	338.2	337.9
125°	372.5	372.7	372.9	373.0	373.1	373.3	373.4	373.4	373.4	373.4	373.4
127.5°	406.0	406.3	406.5	406.7	406.9	407.1	407.0	406.6	406.2	405.8	405.4
130°	429.5	429.8	429.8	429.8	429.8	429.8	429.6	429.2	428.8	428.4	428.0
132.5°	451.6	451.9	452.0	452.1	452.2	452.3	452.3	451.9	451.6	451.4	451.1
135°	484.8	485.1	485.1	485.1	485.1	485.1	484.7	483.9	483.1	482.3	481.6
137.5°	516.9	517.3	517.1	516.8	516.7	516.4	516.2	515.8	515.4	515.1	514.7
140°	537.8	538.0	538.0	538.0	538.0	538.0	537.8	537.6	537.3	537.0	536.8
142.5°	557.7	557.7	557.9	557.9	558.0	558.2	558.1	557.8	557.5	557.3	557.0
145°	587.8	588.0	587.8	587.7	587.6	587.4	587.1	586.6	586.1	585.5	585.0
147.5°	615.0	615.1	615.2	615.3	615.4	615.5	615.3	614.7	614.0	613.4	612.8
150°	632.1	632.1	632.1	632.1	632.1	632.1	631.8	631.3	630.7	630.2	629.7
152.5°	647.8	647.5	647.5	647.4	647.2	647.1	647.0	646.7	646.3	646.0	645.7
155°	670.2	669.7	669.8	669.9	670.0	670.2	670.3	670.3	670.3	670.3	670.3
157.5°	690.1	689.8	689.8	689.8	689.8	689.9	690.0	690.2	690.5	690.7	690.9
160°	702.4	702.0	702.1	702.3	702.4	702.5	702.7	702.8	702.9	703.1	703.2
162.5°	713.0	712.3	712.5	712.6	712.7	712.9	713.1	713.4	713.8	714.2	714.5
165°	727.5	726.7	727.0	727.2	727.5	727.8	728.1	728.5	728.9	729.3	729.7
167.5°	739.7	738.9	738.9	738.9	738.9	738.8	739.1	739.7	740.2	740.8	741.2
170°	746.3	745.5	745.4	745.3	745.1	745.0	745.3	745.9	746.6	747.2	747.9
172.5°	751.1	750.2	750.2	750.2	750.1	750.1	750.4	750.9	751.5	752.0	752.6
175°	756.5	755.5	755.7	755.7	755.9	756.1	756.5	757.1	757.7	758.4	759.1
177.5°	759.5	758.8	758.8	758.8	758.8	758.8	759.1	759.6	760.1	760.7	761.1
180°	760.2	760.2	760.2	760.2	760.2	760.2	760.2	760.2	760.2	760.2	760.2



TEST NUMBER: P333040-927

CATALOG NUMBER: S124RDIW-S575D770U927-4F0-1E-UDD-A1

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°	8.8	8.3	7.6	7.7	7.9	7.6	8.1	8.3	8.5	8.4	9.0
90°	3.2	4.7	6.1	7.5	8.8	9.8	10.9	11.9	12.9	13.7	14.5
92.5°	14.3	15.8	17.5	19.2	20.4	21.1	21.8	22.6	23.3	23.8	24.2
95°	36.4	37.6	38.8	40.0	41.0	41.9	42.9	43.8	44.7	45.1	45.5
97.5°	62.6	63.5	64.4	65.4	66.4	67.5	68.5	69.6	70.7	71.1	71.6
100°	82.9	83.3	83.9	84.4	85.2	86.4	87.6	88.8	90.0	90.2	90.5
102.5°	104.2	104.3	104.6	104.8	105.4	106.5	107.6	108.6	109.7	110.1	110.4
105°	137.1	137.3	137.4	137.5	137.8	138.4	138.9	139.4	139.9	140.3	140.7
107.5°	171.8	172.0	172.1	172.3	172.5	172.5	172.6	172.7	172.8	173.1	173.5
110°	195.4	195.7	196.0	196.2	196.3	196.1	196.1	195.9	195.7	195.5	195.3



TEST NUMBER: P333040-927

CATALOG NUMBER: S124RDIW-S575D770U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	219.7	219.8	219.8	219.8	219.8	219.5	219.3	219.0	218.8	218.8	218.7
115°	256.4	256.4	256.4	256.4	256.2	256.0	255.7	255.4	255.2	255.0	254.9
117.5°	291.0	291.1	291.2	291.4	291.3	291.1	291.0	290.7	290.6	290.1	289.7
120°	314.5	315.0	315.5	316.1	316.1	315.8	315.4	315.0	314.6	313.9	313.2
122.5°	338.2	338.3	338.6	338.8	338.8	338.7	338.4	338.3	338.1	337.6	337.2
125°	373.4	373.4	373.4	373.4	373.3	373.1	373.0	372.9	372.7	372.5	372.2
127.5°	405.8	406.2	406.6	407.0	407.1	406.9	406.7	406.5	406.3	406.0	405.8
130°	428.4	428.8	429.2	429.6	429.8	429.8	429.8	429.8	429.8	429.5	429.3
132.5°	451.4	451.6	451.9	452.3	452.3	452.2	452.1	452.0	451.9	451.6	451.4
135°	482.3	483.1	483.9	484.7	485.1	485.1	485.1	485.1	485.1	484.8	484.5
137.5°	515.1	515.4	515.8	516.2	516.4	516.7	516.8	517.1	517.3	516.9	516.6
140°	537.0	537.3	537.6	537.8	538.0	538.0	538.0	538.0	538.0	537.8	537.7
142.5°	557.3	557.5	557.8	558.1	558.2	558.0	557.9	557.9	557.7	557.7	557.7
145°	585.5	586.1	586.6	587.1	587.4	587.6	587.7	587.8	588.0	587.8	587.7
147.5°	613.4	614.0	614.7	615.3	615.5	615.4	615.3	615.2	615.1	615.0	614.9
150°	630.2	630.7	631.3	631.8	632.1	632.1	632.1	632.1	632.1	632.1	632.1
152.5°	646.0	646.3	646.7	647.0	647.1	647.2	647.4	647.5	647.5	647.8	648.2
155°	670.3	670.3	670.3	670.3	670.2	670.0	669.9	669.8	669.7	670.2	670.7
157.5°	690.7	690.5	690.2	690.0	689.9	689.8	689.8	689.8	689.8	690.1	690.5
160°	703.1	702.9	702.8	702.7	702.5	702.4	702.3	702.1	702.0	702.4	702.8
162.5°	714.2	713.8	713.4	713.1	712.9	712.7	712.6	712.5	712.3	713.0	713.8
165°	729.3	728.9	728.5	728.1	727.8	727.5	727.2	727.0	726.7	727.5	728.3
167.5°	740.8	740.2	739.7	739.1	738.8	738.9	738.9	738.9	738.9	739.7	740.5
170°	747.2	746.6	745.9	745.3	745.0	745.1	745.3	745.4	745.5	746.3	747.1
172.5°	752.0	751.5	750.9	750.4	750.1	750.1	750.2	750.2	750.2	751.1	752.0
175°	758.4	757.7	757.1	756.5	756.1	755.9	755.7	755.7	755.5	756.5	757.3
177.5°	760.7	760.1	759.6	759.1	758.8	758.8	758.8	758.8	758.8	759.5	760.3
180°	760.2	760.2	760.2	760.2	760.2	760.2	760.2	760.2	760.2	760.2	760.2



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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°	8.7	8.6	9.0	8.8	8.9	8.6	9.0
90°	15.3	16.1	16.6	16.9	17.1	17.3	17.7
92.5°	24.7	25.2	25.5	25.7	25.8	26.0	26.1
95°	45.9	46.3	46.4	46.4	46.4	46.4	46.4
97.5°	72.1	72.6	72.8	72.8	72.8	72.8	72.8
100°	90.7	91.0	91.1	91.1	91.1	91.1	91.1
102.5°	110.8	111.1	111.4	111.5	111.6	111.7	111.9
105°	141.1	141.5	141.9	142.3	142.7	143.1	143.5
107.5°	173.8	174.2	174.4	174.4	174.4	174.3	174.3
110°	195.0	194.7	194.8	195.2	195.6	196.0	196.4



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	218.6	218.6	218.6	218.7	218.8	218.9	219.0
115°	254.8	254.6	254.5	254.4	254.3	254.1	254.0
117.5°	289.2	288.8	288.4	288.2	287.9	287.6	287.4
120°	312.6	312.0	311.7	312.0	312.3	312.5	312.8
122.5°	336.8	336.3	335.8	335.3	334.9	334.5	334.0
125°	372.0	371.7	371.5	371.2	370.9	370.7	370.4
127.5°	405.5	405.2	405.0	404.8	404.6	404.3	404.2
130°	429.0	428.7	428.3	427.9	427.3	426.7	426.3
132.5°	451.1	450.8	450.6	450.4	450.2	450.0	449.8
135°	484.3	484.0	483.7	483.3	482.9	482.5	482.1
137.5°	516.3	515.9	515.8	515.9	515.9	516.0	516.1
140°	537.6	537.4	537.3	537.2	537.0	536.9	536.8
142.5°	557.6	557.6	557.6	557.5	557.5	557.5	557.5
145°	587.6	587.4	587.2	586.8	586.4	586.0	585.6
147.5°	614.8	614.7	614.6	614.4	614.3	614.2	614.0
150°	632.1	632.1	632.0	631.8	631.7	631.6	631.4
152.5°	648.5	648.8	648.8	648.5	648.2	647.8	647.5
155°	671.2	671.8	671.8	671.2	670.7	670.2	669.7
157.5°	690.9	691.3	691.3	690.9	690.5	690.0	689.5
160°	703.2	703.6	703.5	702.8	702.1	701.5	700.8
162.5°	714.5	715.2	715.2	714.5	713.9	713.3	712.6
165°	729.0	729.8	730.0	729.4	728.9	728.4	727.9
167.5°	741.2	742.0	742.0	741.2	740.5	739.7	738.8
170°	747.9	748.7	748.6	747.7	746.8	745.8	745.0
172.5°	752.9	753.8	753.8	752.8	751.9	751.0	750.1
175°	758.3	759.1	759.1	758.3	757.3	756.5	755.5
177.5°	761.0	761.8	761.7	760.8	760.0	759.1	758.4
180°	760.2	760.2	760.2	760.2	760.2	760.2	760.2

(END OF REPORT)