

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: P333040-830

Luminaire Tested: **S124RDIW-S575D770U830-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333040-830
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-S575D770U830-4F0-1E-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: 4813.0 lumens
Efficiency: N/A
Efficacy: 128.0 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

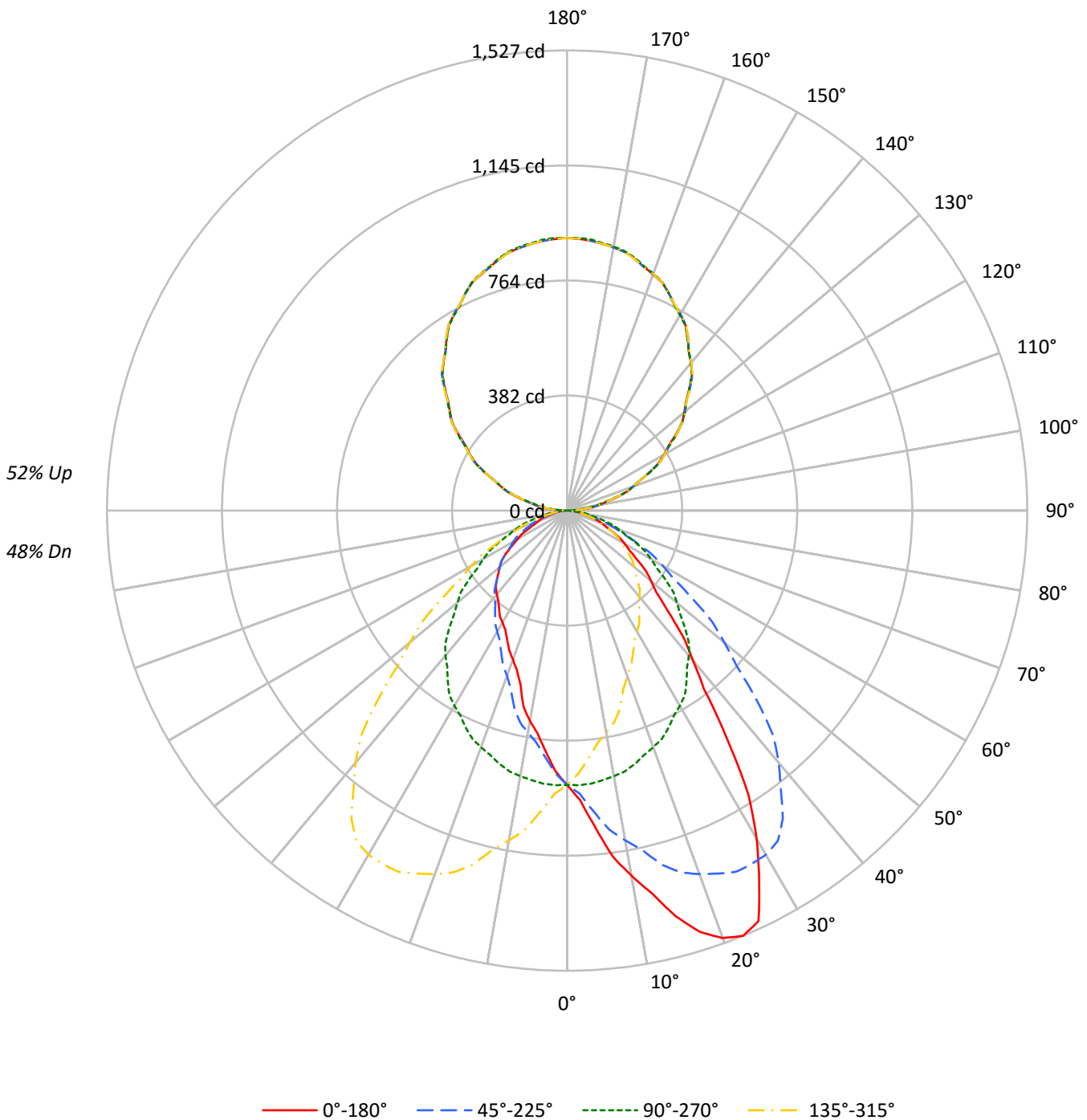
Input Watts (W): 37.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	7348	7348	7348	7348
5°	8524	7370	6515	7370
10°	10083	7338	5814	7338
15°	11646	7270	4996	7270
20°	12968	7177	4517	7177
25°	13387	7085	4195	7085
30°	11719	6974	3999	6974
35°	9122	6809	3882	6809
40°	6841	6620	3818	6620
45°	5401	6318	3785	6318
50°	4560	5968	3676	5968
55°	3975	5585	3478	5585
60°	3576	5186	3079	5186
65°	3152	4756	2648	4756
70°	2840	4312	2389	4312
75°	2380	3821	2037	3821
80°	2013	3254	1911	3254
85°	1704	2547	1704	2547



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.2	1.8
10°-20°	266.0	5.5
20°-30°	416.1	8.6
30°-40°	462.6	9.6
40°-50°	410.4	8.5
50°-60°	319.8	6.6
60°-70°	209.4	4.4
70°-80°	103.0	2.1
80°-90°	28.1	0.6
90°-100°	59.7	1.2
100°-110°	176.7	3.7
110°-120°	300.0	6.2
120°-130°	395.5	8.2
130°-140°	444.2	9.2
140°-150°	436.5	9.1
150°-160°	367.1	7.6
160°-170°	244.3	5.1
170°-180°	85.5	1.8
0°-30°	770.3	16.0
0°-40°	1232.9	25.6
0°-60°	1963.1	40.8
0°-90°	2303.5	47.9
90°-120°	536.4	11.1
90°-150°	1812.6	37.7
90°-180°	2510.0	52.2
0°-180°	4813.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	910	910	910	910	910	
5°	1052	910	804	910	1052	106
15°	1394	870	598	870	1394	396
25°	1503	795	471	795	1503	667
35°	926	691	394	691	926	580
45°	473	553	332	553	473	375
55°	282	397	247	397	282	257
65°	165	249	139	249	165	166
75°	76	122	65	122	76	84
85°	18	28	18	28	18	21
90°	21	2	21	2	21	11
95°	55	42	55	42	55	58
105°	171	163	171	163	171	180
115°	302	305	302	305	302	299
125°	441	444	441	444	441	393
135°	574	573	574	573	574	443
145°	697	696	697	696	697	436
155°	797	798	797	798	797	367
165°	866	868	866	868	866	244
175°	899	903	899	903	899	85
180°	904	904	904	904	904	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	910.2	910.2	910.2	910.2	910.2	910.2	910.2	910.2	910.2	910.2	910.2
2.5°	960.1	962.7	960.1	959.8	956.9	956.0	954.8	951.0	944.0	939.8	940.8
5°	1051.8	1060.9	1055.8	1055.1	1047.0	1039.0	1033.8	1022.1	1009.6	1001.2	994.2
7.5°	1157.8	1163.1	1159.9	1154.7	1141.7	1134.3	1122.4	1106.9	1084.6	1067.4	1051.9
10°	1230.0	1234.4	1232.9	1223.4	1213.9	1194.4	1183.5	1161.8	1133.5	1111.2	1090.2
12.5°	1301.0	1305.7	1292.8	1293.3	1275.2	1259.8	1242.4	1215.2	1182.5	1153.7	1127.6
15°	1393.5	1387.7	1387.7	1380.4	1360.2	1338.9	1321.0	1292.3	1251.2	1216.8	1180.5
17.5°	1466.0	1468.1	1465.1	1447.7	1431.9	1409.9	1377.0	1343.6	1305.4	1259.1	1222.1
20°	1509.5	1509.5	1506.2	1494.4	1473.9	1450.4	1414.9	1378.6	1330.1	1283.6	1241.7
22.5°	1527.0	1528.2	1524.4	1514.7	1496.2	1473.3	1443.0	1406.1	1356.2	1303.8	1252.0
25°	1502.9	1509.8	1510.5	1508.0	1502.5	1488.6	1462.5	1424.7	1380.0	1323.1	1267.4
27.5°	1379.8	1388.6	1396.3	1408.9	1425.8	1434.6	1435.8	1416.5	1377.5	1322.9	1266.8
30°	1257.2	1264.4	1288.3	1319.5	1343.7	1365.6	1384.8	1389.9	1367.9	1318.7	1259.7
32.5°	1121.0	1131.0	1154.8	1188.4	1228.7	1265.9	1308.8	1330.6	1330.0	1300.5	1245.9
35°	925.6	932.9	955.0	990.1	1038.6	1093.9	1161.8	1214.6	1250.6	1247.9	1214.6
37.5°	746.5	754.8	777.0	806.3	853.2	921.7	987.4	1060.2	1126.6	1163.9	1152.7
40°	649.1	649.5	671.1	701.2	745.2	804.9	876.5	957.2	1031.2	1091.7	1103.4
42.5°	572.2	572.3	586.6	619.1	650.7	707.0	775.2	855.4	942.1	1011.9	1043.0
45°	473.1	476.4	488.1	507.6	532.4	580.1	634.8	709.3	806.4	889.3	941.0
47.5°	400.6	405.5	412.9	428.8	448.7	480.4	525.6	592.5	671.6	762.7	836.3
50°	363.1	363.8	373.3	382.1	399.4	424.7	464.3	520.0	592.7	680.2	762.0
52.5°	330.8	330.6	336.4	347.5	361.6	381.3	413.2	464.0	528.4	606.9	691.4
55°	282.4	284.2	288.6	297.4	308.0	322.0	347.3	385.4	436.0	503.1	579.8
57.5°	245.5	246.5	250.0	253.7	263.4	273.6	292.6	319.1	361.7	416.7	488.1
60°	221.5	221.9	223.0	228.5	236.2	245.7	258.5	280.9	316.9	367.1	423.6
62.5°	198.0	198.7	200.4	204.4	210.4	217.0	230.4	248.4	278.1	321.0	371.9
65°	165.0	165.4	168.0	169.5	174.2	180.0	189.9	202.1	222.6	258.5	297.1
67.5°	137.9	137.9	138.0	140.1	143.4	147.2	153.2	162.9	178.3	200.4	234.3
70°	120.3	120.3	121.0	122.2	123.9	127.2	130.5	137.9	149.3	167.2	193.2
72.5°	103.9	104.2	104.9	105.1	106.0	108.8	111.2	115.8	124.3	137.9	158.9
75°	76.3	77.4	79.2	80.7	82.5	82.2	84.7	87.7	90.2	98.3	110.4
77.5°	56.7	56.2	56.4	57.7	57.9	58.2	60.0	62.3	64.3	68.1	72.4
80°	43.3	43.3	44.4	44.8	44.4	44.8	46.6	47.7	48.4	49.9	53.9
82.5°	32.7	33.3	32.9	33.3	33.6	33.9	35.4	35.6	36.4	36.9	38.6
85°	18.4	18.7	19.0	18.4	18.4	18.4	19.0	19.4	20.2	19.8	20.5
87.5°	10.7	10.3	10.6	10.5	10.7	10.3	10.4	10.7	10.0	10.1	9.9
90°	21.0	20.6	20.4	20.1	19.7	19.1	18.2	17.2	16.3	15.4	14.1
92.5°	31.1	30.9	30.7	30.5	30.3	30.0	29.4	28.8	28.3	27.7	26.9
95°	55.2	55.2	55.2	55.2	55.2	55.0	54.6	54.1	53.6	53.2	52.1
97.5°	86.6	86.6	86.6	86.6	86.6	86.3	85.8	85.2	84.6	84.1	82.8
100°	108.4	108.4	108.4	108.4	108.4	108.3	107.9	107.6	107.4	107.1	105.7
102.5°	133.1	132.9	132.8	132.7	132.5	132.2	131.9	131.4	131.0	130.5	129.2
105°	170.7	170.2	169.8	169.3	168.8	168.3	167.9	167.4	166.9	166.5	165.9
107.5°	207.4	207.4	207.5	207.5	207.5	207.3	206.8	206.4	205.9	205.6	205.5
110°	233.7	233.2	232.7	232.2	231.8	231.7	232.1	232.3	232.6	232.9	233.1



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	260.5	260.4	260.3	260.2	260.1	260.1	260.1	260.2	260.3	260.3	260.6
115°	302.2	302.4	302.6	302.7	302.8	302.9	303.1	303.3	303.4	303.6	303.9
117.5°	342.0	342.2	342.5	342.9	343.2	343.6	344.1	344.7	345.2	345.7	345.9
120°	372.1	371.8	371.6	371.3	370.9	371.2	371.9	372.7	373.4	374.3	374.8
122.5°	397.4	397.9	398.4	399.0	399.5	400.1	400.7	401.1	401.7	402.3	402.5
125°	440.7	441.0	441.3	441.7	442.0	442.2	442.6	442.9	443.2	443.5	443.7
127.5°	480.9	481.1	481.4	481.6	481.8	482.1	482.5	482.8	483.1	483.4	483.6
130°	507.2	507.7	508.4	509.1	509.6	510.1	510.4	510.8	511.0	511.3	511.3
132.5°	535.2	535.4	535.6	535.9	536.1	536.4	536.8	537.1	537.3	537.6	537.8
135°	573.6	574.1	574.6	575.0	575.5	575.9	576.2	576.5	576.8	577.1	577.1
137.5°	614.1	614.0	613.9	613.8	613.7	613.9	614.3	614.6	615.0	615.5	615.2
140°	638.7	638.9	638.9	639.1	639.3	639.4	639.6	639.8	639.9	640.1	640.1
142.5°	663.3	663.4	663.4	663.4	663.5	663.5	663.5	663.5	663.5	663.5	663.7
145°	696.7	697.2	697.7	698.1	698.6	698.9	699.1	699.3	699.4	699.6	699.4
147.5°	730.6	730.8	730.9	731.0	731.2	731.3	731.5	731.6	731.7	731.9	732.0
150°	751.3	751.5	751.6	751.8	752.0	752.1	752.1	752.1	752.1	752.1	752.1
152.5°	770.3	770.7	771.2	771.6	771.9	771.9	771.6	771.2	770.8	770.4	770.3
155°	796.8	797.4	798.1	798.6	799.3	799.3	798.6	798.1	797.4	796.8	796.9
157.5°	820.4	821.0	821.5	822.0	822.6	822.6	822.1	821.6	821.1	820.7	820.8
160°	833.9	834.6	835.4	836.2	837.0	837.2	836.7	836.2	835.8	835.3	835.4
162.5°	847.8	848.7	849.4	850.2	850.9	850.9	850.1	849.2	848.4	847.5	847.7
165°	866.0	866.7	867.2	867.9	868.6	868.4	867.4	866.5	865.5	864.6	865.0
167.5°	879.0	880.1	881.0	881.9	882.9	882.9	881.9	881.1	880.1	879.2	879.1
170°	886.4	887.4	888.5	889.6	890.7	890.8	889.9	888.9	888.0	887.0	886.8
172.5°	892.5	893.5	894.7	895.7	896.8	896.8	895.8	894.8	893.7	892.6	892.6
175°	898.9	900.0	901.1	902.2	903.2	903.2	902.2	901.1	900.0	898.9	899.1
177.5°	902.3	903.2	904.3	905.2	906.3	906.3	905.4	904.6	903.7	902.9	902.9
180°	904.5	904.5	904.5	904.5	904.5	904.5	904.5	904.5	904.5	904.5	904.5



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	910.2	910.2	910.2	910.2	910.2	910.2	910.2	910.2	910.2	910.2	910.2
2.5°	937.8	933.7	931.6	926.9	921.3	918.4	915.8	912.0	907.0	901.7	897.9
5°	985.4	976.6	965.5	952.3	940.7	929.3	919.4	909.5	898.1	886.4	874.7
7.5°	1034.3	1016.9	998.2	976.6	955.5	936.4	918.8	901.9	882.9	865.7	850.2
10°	1068.3	1044.8	1018.8	991.3	963.7	939.9	916.4	895.1	871.7	850.8	833.2
12.5°	1095.9	1068.3	1037.0	1002.7	969.6	940.8	913.8	886.1	859.4	836.7	813.2
15°	1141.6	1103.8	1061.7	1020.6	977.7	938.5	902.1	869.9	839.4	807.6	785.1
17.5°	1173.1	1128.2	1077.0	1027.7	976.9	930.7	888.8	850.4	815.2	782.7	756.0
20°	1191.8	1142.4	1085.5	1029.4	972.5	923.0	878.0	835.4	799.1	763.9	736.4
22.5°	1202.4	1147.6	1085.5	1026.7	967.9	914.3	864.8	820.5	780.9	745.7	715.3
25°	1205.8	1147.1	1083.6	1016.2	951.7	894.8	843.5	795.4	751.4	716.2	683.9
27.5°	1201.1	1132.0	1067.1	997.8	931.2	871.3	817.4	766.9	722.8	685.0	652.0
30°	1194.0	1120.0	1050.3	978.5	911.0	853.4	796.5	748.1	702.3	663.1	629.7
32.5°	1178.8	1105.3	1030.4	956.7	888.3	829.1	775.1	726.4	681.5	641.3	605.9
35°	1148.6	1074.1	992.7	917.2	850.1	788.4	737.8	690.9	648.0	605.1	567.7
37.5°	1108.7	1032.7	951.7	869.0	801.8	743.7	697.2	653.2	611.2	572.1	530.7
40°	1071.2	1001.9	918.3	836.1	767.2	711.1	668.2	628.2	586.1	547.1	505.7
42.5°	1025.8	966.7	882.2	799.7	731.7	677.6	637.6	598.6	560.2	522.5	479.3
45°	949.8	905.1	825.9	746.7	678.1	624.5	587.9	553.4	519.6	483.7	443.0
47.5°	862.8	832.5	764.2	683.1	619.6	571.5	536.0	507.8	479.3	443.4	407.6
50°	802.4	783.0	717.0	642.9	582.4	538.0	501.7	475.2	451.5	417.0	385.0
52.5°	737.8	727.5	671.8	600.9	542.4	499.0	468.0	444.2	420.1	391.4	361.6
55°	639.6	645.1	597.8	536.5	481.5	444.9	416.6	396.8	376.3	352.0	328.9
57.5°	539.0	559.2	527.4	473.6	422.1	388.2	366.9	350.2	333.1	312.9	293.2
60°	478.9	495.8	477.9	430.6	385.4	353.9	334.1	321.2	304.0	285.7	270.6
62.5°	420.3	438.3	427.6	389.5	347.6	320.5	303.0	291.1	278.2	262.2	246.6
65°	346.6	358.3	353.2	326.8	297.1	273.9	257.8	249.0	237.2	225.6	211.6
67.5°	265.4	288.1	285.1	271.1	245.4	227.3	216.8	209.1	198.3	189.6	180.1
70°	218.2	239.1	238.7	227.3	213.4	196.5	189.3	182.7	173.1	164.7	156.9
72.5°	178.6	197.7	200.6	191.9	182.4	169.6	162.5	158.0	148.7	143.0	136.7
75°	125.1	139.0	142.7	142.7	138.3	131.7	125.5	122.5	115.8	110.7	107.1
77.5°	82.0	90.8	96.5	97.8	98.5	96.3	91.1	89.1	84.1	82.2	78.7
80°	58.0	63.8	70.4	72.6	74.5	73.7	71.5	70.0	65.3	63.4	62.0
82.5°	40.1	43.3	48.7	53.5	53.1	55.0	53.1	51.8	48.3	47.6	46.1
85°	20.9	21.3	22.0	25.3	27.1	27.9	28.3	27.5	26.4	26.4	23.8
87.5°	9.6	9.0	9.4	9.1	9.0	9.9	10.5	10.4	9.9	9.3	8.8
90°	12.9	11.7	10.5	9.0	7.3	5.6	3.8	2.1	3.8	5.6	7.3
92.5°	25.9	25.1	24.2	22.8	20.8	18.9	17.0	15.0	17.0	18.9	20.8
95°	51.0	49.9	48.8	47.6	46.2	44.8	43.4	41.9	43.4	44.8	46.2
97.5°	81.5	80.3	79.0	77.8	76.6	75.6	74.5	73.3	74.5	75.6	76.6
100°	104.2	102.8	101.4	100.4	99.8	99.2	98.6	97.9	98.6	99.2	99.8
102.5°	128.0	126.7	125.5	124.7	124.4	124.1	123.9	123.7	123.9	124.1	124.4
105°	165.2	164.7	164.0	163.6	163.4	163.3	163.2	163.0	163.2	163.3	163.4
107.5°	205.4	205.3	205.2	205.0	204.8	204.6	204.4	204.2	204.4	204.6	204.8
110°	233.3	233.4	233.6	233.5	233.2	232.9	232.5	232.2	232.5	232.9	233.2



TEST NUMBER: P333040-830

CATALOG NUMBER: S124RDIW-S575D770U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	260.9	261.2	261.5	261.6	261.6	261.5	261.4	261.4	261.4	261.5	261.6
115°	304.3	304.5	304.8	305.0	305.0	305.0	305.0	305.0	305.0	305.0	305.0
117.5°	346.2	346.4	346.6	346.7	346.5	346.4	346.3	346.1	346.3	346.4	346.5
120°	375.2	375.7	376.1	376.1	375.4	374.8	374.2	373.5	374.2	374.8	375.4
122.5°	402.7	402.9	403.1	403.1	402.8	402.6	402.4	402.1	402.4	402.6	402.8
125°	443.8	443.9	444.1	444.2	444.2	444.2	444.2	444.2	444.2	444.2	444.2
127.5°	483.9	484.1	484.4	484.3	483.8	483.3	482.9	482.4	482.9	483.3	483.8
130°	511.3	511.3	511.3	511.1	510.7	510.2	509.7	509.3	509.7	510.2	510.7
132.5°	537.9	538.0	538.2	538.1	537.7	537.3	537.1	536.7	537.1	537.3	537.7
135°	577.1	577.1	577.1	576.6	575.7	574.8	573.8	573.0	573.8	574.8	575.7
137.5°	614.9	614.7	614.4	614.2	613.7	613.2	612.8	612.4	612.8	613.2	613.7
140°	640.1	640.1	640.1	639.9	639.6	639.3	638.9	638.7	638.9	639.3	639.6
142.5°	663.8	663.9	664.1	664.0	663.6	663.4	663.1	662.7	663.1	663.4	663.6
145°	699.3	699.1	698.9	698.5	698.0	697.3	696.6	696.1	696.6	697.3	698.0
147.5°	732.1	732.3	732.4	732.1	731.3	730.6	729.8	729.1	729.8	730.6	731.3
150°	752.1	752.1	752.1	751.7	751.1	750.5	749.8	749.2	749.8	750.5	751.1
152.5°	770.2	770.1	770.0	769.8	769.4	769.0	768.6	768.3	768.6	769.0	769.4
155°	797.1	797.2	797.4	797.5	797.5	797.5	797.5	797.5	797.5	797.5	797.5
157.5°	820.8	820.8	820.9	821.0	821.2	821.5	821.8	822.1	821.8	821.5	821.2
160°	835.6	835.8	835.8	836.0	836.2	836.3	836.5	836.7	836.5	836.3	836.2
162.5°	847.9	848.0	848.2	848.5	848.9	849.2	849.7	850.1	849.7	849.2	848.9
165°	865.3	865.5	865.9	866.3	866.8	867.2	867.7	868.2	867.7	867.2	866.8
167.5°	879.1	879.1	879.0	879.4	880.1	880.7	881.4	881.9	881.4	880.7	880.1
170°	886.7	886.6	886.4	886.7	887.5	888.3	889.0	889.9	889.0	888.3	887.5
172.5°	892.6	892.5	892.5	892.8	893.4	894.1	894.8	895.4	894.8	894.1	893.4
175°	899.2	899.4	899.6	900.0	900.8	901.5	902.3	903.1	902.3	901.5	900.8
177.5°	902.9	902.9	902.9	903.1	903.8	904.4	905.0	905.6	905.0	904.4	903.8
180°	904.5	904.5	904.5	904.5	904.5	904.5	904.5	904.5	904.5	904.5	904.5



TEST NUMBER: P333040-830

CATALOG NUMBER: S124RDIW-S575D770U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	910.2	910.2	910.2	910.2	910.2	910.2	910.2	910.2	910.2	910.2	910.2
2.5°	893.8	890.9	887.0	882.6	877.3	872.7	870.6	872.3	873.3	870.9	870.6
5°	866.6	857.4	850.1	839.1	830.3	822.9	817.7	815.6	816.3	810.5	809.0
7.5°	835.9	825.1	813.1	800.0	787.9	777.1	771.5	768.4	762.1	759.5	755.0
10°	816.3	801.6	789.9	774.5	760.6	747.7	741.5	736.4	730.2	727.2	721.0
12.5°	796.1	779.1	766.2	750.2	735.9	720.5	714.5	705.0	695.2	689.1	681.1
15°	767.5	747.1	731.2	712.2	695.3	677.7	661.9	644.3	637.7	623.8	615.8
17.5°	734.1	713.3	693.8	668.3	642.2	620.4	603.5	586.7	576.6	567.7	563.5
20°	712.2	693.1	666.0	636.3	607.3	583.1	569.5	558.6	547.5	541.3	536.9
22.5°	691.4	667.0	635.5	603.4	574.5	555.5	544.0	532.7	523.8	517.8	512.0
25°	656.5	624.5	591.2	554.5	534.7	518.2	505.7	496.5	491.1	483.3	480.4
27.5°	620.6	581.9	545.1	520.5	499.8	484.7	473.9	467.0	460.1	455.1	451.3
30°	593.0	553.7	520.8	497.3	476.4	463.9	455.1	447.0	441.6	437.5	434.6
32.5°	565.7	526.5	498.7	473.5	457.0	444.9	435.5	429.4	425.1	419.9	418.1
35°	526.2	491.4	467.2	444.5	427.6	416.6	409.3	403.0	399.4	397.9	396.8
37.5°	488.3	459.8	433.8	415.1	400.1	391.4	382.8	379.8	377.2	374.6	375.8
40°	464.3	437.5	414.4	394.6	382.5	373.0	367.8	364.2	361.9	361.9	361.9
42.5°	443.5	417.3	394.7	377.0	364.9	356.8	351.1	348.0	347.3	346.9	348.7
45°	411.1	386.9	364.2	349.5	339.2	331.1	327.8	325.3	325.3	326.8	327.2
47.5°	379.1	356.4	338.1	321.7	312.3	307.3	304.3	303.0	303.2	304.6	306.3
50°	359.4	337.1	319.1	304.3	295.6	290.8	288.2	287.5	288.2	288.2	290.8
52.5°	338.0	317.9	300.3	287.9	278.0	273.5	272.1	271.1	271.5	272.7	273.8
55°	306.6	288.6	271.7	260.0	252.7	249.8	246.5	246.9	246.1	246.9	246.9
57.5°	275.1	259.0	243.3	233.9	227.5	223.3	219.7	220.6	219.6	219.4	218.9
60°	254.9	237.2	224.8	216.4	209.1	205.4	202.1	202.8	201.7	201.0	199.5
62.5°	232.9	218.2	206.3	198.2	192.3	188.0	184.7	184.0	181.4	179.0	175.7
65°	201.0	188.9	178.2	170.5	165.0	161.7	159.2	156.9	151.5	145.6	142.7
67.5°	169.9	161.2	151.3	144.8	140.3	136.0	131.1	127.3	122.2	118.9	117.2
70°	150.0	141.6	133.1	126.9	122.2	118.1	112.5	110.0	106.3	104.9	103.0
72.5°	130.9	123.1	115.2	109.6	104.5	101.3	97.1	94.4	92.8	92.3	90.4
75°	102.0	95.8	89.8	84.7	80.7	78.5	76.6	74.8	74.1	70.8	68.9
77.5°	74.4	70.2	66.6	63.0	60.0	58.6	55.0	53.0	51.7	50.1	49.8
80°	58.0	55.0	51.4	49.1	45.1	43.6	42.1	41.8	41.5	41.1	40.7
82.5°	43.5	40.6	36.9	35.6	34.6	33.6	32.8	32.4	32.0	32.2	32.2
85°	22.0	20.5	20.5	20.2	19.8	19.4	19.0	19.0	18.7	19.0	18.7
87.5°	9.1	9.1	9.3	9.0	9.6	9.8	9.7	9.9	10.4	10.0	10.1
90°	9.0	10.5	11.7	12.9	14.1	15.4	16.3	17.2	18.2	19.1	19.7
92.5°	22.8	24.2	25.1	25.9	26.9	27.7	28.3	28.8	29.4	30.0	30.3
95°	47.6	48.8	49.9	51.0	52.1	53.2	53.6	54.1	54.6	55.0	55.2
97.5°	77.8	79.0	80.3	81.5	82.8	84.1	84.6	85.2	85.8	86.3	86.6
100°	100.4	101.4	102.8	104.2	105.7	107.1	107.4	107.6	107.9	108.3	108.4
102.5°	124.7	125.5	126.7	128.0	129.2	130.5	131.0	131.4	131.9	132.2	132.5
105°	163.6	164.0	164.7	165.2	165.9	166.5	166.9	167.4	167.9	168.3	168.8
107.5°	205.0	205.2	205.3	205.4	205.5	205.6	205.9	206.4	206.8	207.3	207.5
110°	233.5	233.6	233.4	233.3	233.1	232.9	232.6	232.3	232.1	231.7	231.8



TEST NUMBER: P333040-830

CATALOG NUMBER: S124RDIW-S575D770U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	261.6	261.5	261.2	260.9	260.6	260.3	260.3	260.2	260.1	260.1	260.1
115°	305.0	304.8	304.5	304.3	303.9	303.6	303.4	303.3	303.1	302.9	302.8
117.5°	346.7	346.6	346.4	346.2	345.9	345.7	345.2	344.7	344.1	343.6	343.2
120°	376.1	376.1	375.7	375.2	374.8	374.3	373.4	372.7	371.9	371.2	370.9
122.5°	403.1	403.1	402.9	402.7	402.5	402.3	401.7	401.1	400.7	400.1	399.5
125°	444.2	444.1	443.9	443.8	443.7	443.5	443.2	442.9	442.6	442.2	442.0
127.5°	484.3	484.4	484.1	483.9	483.6	483.4	483.1	482.8	482.5	482.1	481.8
130°	511.1	511.3	511.3	511.3	511.3	511.3	511.0	510.8	510.4	510.1	509.6
132.5°	538.1	538.2	538.0	537.9	537.8	537.6	537.3	537.1	536.8	536.4	536.1
135°	576.6	577.1	577.1	577.1	577.1	577.1	576.8	576.5	576.2	575.9	575.5
137.5°	614.2	614.4	614.7	614.9	615.2	615.5	615.0	614.6	614.3	613.9	613.7
140°	639.9	640.1	640.1	640.1	640.1	640.1	639.9	639.8	639.6	639.4	639.3
142.5°	664.0	664.1	663.9	663.8	663.7	663.5	663.5	663.5	663.5	663.5	663.5
145°	698.5	698.9	699.1	699.3	699.4	699.6	699.4	699.3	699.1	698.9	698.6
147.5°	732.1	732.4	732.3	732.1	732.0	731.9	731.7	731.6	731.5	731.3	731.2
150°	751.7	752.1	752.1	752.1	752.1	752.1	752.1	752.1	752.1	752.1	752.0
152.5°	769.8	770.0	770.1	770.2	770.3	770.4	770.8	771.2	771.6	771.9	771.9
155°	797.5	797.4	797.2	797.1	796.9	796.8	797.4	798.1	798.6	799.3	799.3
157.5°	821.0	820.9	820.8	820.8	820.8	820.7	821.1	821.6	822.1	822.6	822.6
160°	836.0	835.8	835.8	835.6	835.4	835.3	835.8	836.2	836.7	837.2	837.0
162.5°	848.5	848.2	848.0	847.9	847.7	847.5	848.4	849.2	850.1	850.9	850.9
165°	866.3	865.9	865.5	865.3	865.0	864.6	865.5	866.5	867.4	868.4	868.6
167.5°	879.4	879.0	879.1	879.1	879.1	879.2	880.1	881.1	881.9	882.9	882.9
170°	886.7	886.4	886.6	886.7	886.8	887.0	888.0	888.9	889.9	890.8	890.7
172.5°	892.8	892.5	892.5	892.6	892.6	892.6	893.7	894.8	895.8	896.8	896.8
175°	900.0	899.6	899.4	899.2	899.1	898.9	900.0	901.1	902.2	903.2	903.2
177.5°	903.1	902.9	902.9	902.9	902.9	902.9	903.7	904.6	905.4	906.3	906.3
180°	904.5	904.5	904.5	904.5	904.5	904.5	904.5	904.5	904.5	904.5	904.5



TEST NUMBER: P333040-830

CATALOG NUMBER: S124RDIW-S575D770U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	910.2	910.2	910.2	910.2	910.2	910.2	910.2	910.2	910.2	910.2	910.2
2.5°	868.8	869.4	867.4	866.8	867.4	869.4	868.8	870.6	870.9	873.3	872.3
5°	806.1	805.3	803.5	803.9	803.5	805.3	806.1	809.0	810.5	816.3	815.6
7.5°	752.3	749.5	750.4	747.3	750.4	749.5	752.3	755.0	759.5	762.1	768.4
10°	719.5	715.5	712.2	709.3	712.2	715.5	719.5	721.0	727.2	730.2	736.4
12.5°	674.7	671.2	666.7	667.6	666.7	671.2	674.7	681.1	689.1	695.2	705.0
15°	611.0	605.5	596.6	597.8	596.6	605.5	611.0	615.8	623.8	637.7	644.3
17.5°	557.0	557.1	553.1	554.0	553.1	557.1	557.0	563.5	567.7	576.6	586.7
20°	529.1	526.6	527.0	525.8	527.0	526.6	529.1	536.9	541.3	547.5	558.6
22.5°	509.8	506.7	504.1	501.8	504.1	506.7	509.8	512.0	517.8	523.8	532.7
25°	477.1	474.9	471.6	470.9	471.6	474.9	477.1	480.4	483.3	491.1	496.5
27.5°	448.4	447.9	446.6	444.9	446.6	447.9	448.4	451.3	455.1	460.1	467.0
30°	431.6	430.9	430.2	429.0	430.2	430.9	431.6	434.6	437.5	441.6	447.0
32.5°	416.7	416.2	415.5	415.6	415.5	416.2	416.7	418.1	419.9	425.1	429.4
35°	395.3	394.9	394.3	393.9	394.3	394.9	395.3	396.8	397.9	399.4	403.0
37.5°	375.4	376.4	375.9	375.8	375.9	376.4	375.4	375.8	374.6	377.2	379.8
40°	361.6	361.9	362.7	362.3	362.7	361.9	361.6	361.9	361.9	361.9	364.2
42.5°	350.2	350.2	351.3	350.0	351.3	350.2	350.2	348.7	346.9	347.3	348.0
45°	329.7	331.9	331.5	331.5	331.5	331.9	329.7	327.2	326.8	325.3	325.3
47.5°	307.3	309.2	309.7	309.6	309.7	309.2	307.3	306.3	304.6	303.2	303.0
50°	292.7	291.9	293.0	292.7	293.0	291.9	292.7	290.8	288.2	288.2	287.5
52.5°	274.8	274.9	274.8	274.5	274.8	274.9	274.8	273.8	272.7	271.5	271.1
55°	247.1	247.5	246.9	247.1	246.9	247.5	247.1	246.9	246.9	246.1	246.9
57.5°	217.3	215.5	216.2	215.4	216.2	215.5	217.3	218.9	219.4	219.6	220.6
60°	195.9	192.9	192.2	190.7	192.2	192.9	195.9	199.5	201.0	201.7	202.8
62.5°	171.7	169.8	167.2	168.4	167.2	169.8	171.7	175.7	179.0	181.4	184.0
65°	139.7	138.3	137.1	138.6	137.1	138.3	139.7	142.7	145.6	151.5	156.9
67.5°	115.6	114.9	114.9	114.1	114.9	114.9	115.6	117.2	118.9	122.2	127.3
70°	103.0	102.0	102.0	101.2	102.0	102.0	103.0	103.0	104.9	106.3	110.0
72.5°	90.1	89.1	89.4	88.9	89.4	89.1	90.1	90.4	92.3	92.8	94.4
75°	66.7	64.9	64.9	65.3	64.9	64.9	66.7	68.9	70.8	74.1	74.8
77.5°	49.8	49.4	50.0	49.3	50.0	49.4	49.8	49.8	50.1	51.7	53.0
80°	40.7	40.3	40.0	41.1	40.0	40.3	40.7	40.7	41.1	41.5	41.8
82.5°	31.6	31.6	31.5	32.9	31.5	31.6	31.6	32.2	32.2	32.0	32.4
85°	19.0	18.4	19.0	18.4	19.0	18.4	19.0	18.7	19.0	18.7	19.0
87.5°	10.7	10.6	10.3	10.7	10.3	10.6	10.7	10.1	10.0	10.4	9.9
90°	20.1	20.4	20.6	21.0	20.6	20.4	20.1	19.7	19.1	18.2	17.2
92.5°	30.5	30.7	30.9	31.1	30.9	30.7	30.5	30.3	30.0	29.4	28.8
95°	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.0	54.6	54.1
97.5°	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.3	85.8	85.2
100°	108.4	108.4	108.4	108.4	108.4	108.4	108.4	108.4	108.3	107.9	107.6
102.5°	132.7	132.8	132.9	133.1	132.9	132.8	132.7	132.5	132.2	131.9	131.4
105°	169.3	169.8	170.2	170.7	170.2	169.8	169.3	168.8	168.3	167.9	167.4
107.5°	207.5	207.5	207.4	207.4	207.4	207.5	207.5	207.5	207.3	206.8	206.4
110°	232.2	232.7	233.2	233.7	233.2	232.7	232.2	231.8	231.7	232.1	232.3



TEST NUMBER: P333040-830

CATALOG NUMBER: S124RDIW-S575D770U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	260.2	260.3	260.4	260.5	260.4	260.3	260.2	260.1	260.1	260.1	260.2
115°	302.7	302.6	302.4	302.2	302.4	302.6	302.7	302.8	302.9	303.1	303.3
117.5°	342.9	342.5	342.2	342.0	342.2	342.5	342.9	343.2	343.6	344.1	344.7
120°	371.3	371.6	371.8	372.1	371.8	371.6	371.3	370.9	371.2	371.9	372.7
122.5°	399.0	398.4	397.9	397.4	397.9	398.4	399.0	399.5	400.1	400.7	401.1
125°	441.7	441.3	441.0	440.7	441.0	441.3	441.7	442.0	442.2	442.6	442.9
127.5°	481.6	481.4	481.1	480.9	481.1	481.4	481.6	481.8	482.1	482.5	482.8
130°	509.1	508.4	507.7	507.2	507.7	508.4	509.1	509.6	510.1	510.4	510.8
132.5°	535.9	535.6	535.4	535.2	535.4	535.6	535.9	536.1	536.4	536.8	537.1
135°	575.0	574.6	574.1	573.6	574.1	574.6	575.0	575.5	575.9	576.2	576.5
137.5°	613.8	613.9	614.0	614.1	614.0	613.9	613.8	613.7	613.9	614.3	614.6
140°	639.1	638.9	638.9	638.7	638.9	638.9	639.1	639.3	639.4	639.6	639.8
142.5°	663.4	663.4	663.4	663.3	663.4	663.4	663.4	663.5	663.5	663.5	663.5
145°	698.1	697.7	697.2	696.7	697.2	697.7	698.1	698.6	698.9	699.1	699.3
147.5°	731.0	730.9	730.8	730.6	730.8	730.9	731.0	731.2	731.3	731.5	731.6
150°	751.8	751.6	751.5	751.3	751.5	751.6	751.8	752.0	752.1	752.1	752.1
152.5°	771.6	771.2	770.7	770.3	770.7	771.2	771.6	771.9	771.9	771.6	771.2
155°	798.6	798.1	797.4	796.8	797.4	798.1	798.6	799.3	799.3	798.6	798.1
157.5°	822.0	821.5	821.0	820.4	821.0	821.5	822.0	822.6	822.6	822.1	821.6
160°	836.2	835.4	834.6	833.9	834.6	835.4	836.2	837.0	837.2	836.7	836.2
162.5°	850.2	849.4	848.7	847.8	848.7	849.4	850.2	850.9	850.9	850.1	849.2
165°	867.9	867.2	866.7	866.0	866.7	867.2	867.9	868.6	868.4	867.4	866.5
167.5°	881.9	881.0	880.1	879.0	880.1	881.0	881.9	882.9	882.9	881.9	881.1
170°	889.6	888.5	887.4	886.4	887.4	888.5	889.6	890.7	890.8	889.9	888.9
172.5°	895.7	894.7	893.5	892.5	893.5	894.7	895.7	896.8	896.8	895.8	894.8
175°	902.2	901.1	900.0	898.9	900.0	901.1	902.2	903.2	903.2	902.2	901.1
177.5°	905.2	904.3	903.2	902.3	903.2	904.3	905.2	906.3	906.3	905.4	904.6
180°	904.5	904.5	904.5	904.5	904.5	904.5	904.5	904.5	904.5	904.5	904.5



TEST NUMBER: P333040-830

CATALOG NUMBER: S124RDIW-S575D770U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	910.2	910.2	910.2	910.2	910.2	910.2	910.2	910.2	910.2	910.2	910.2
2.5°	870.6	872.7	877.3	882.6	887.0	890.9	893.8	897.9	901.7	907.0	912.0
5°	817.7	822.9	830.3	839.1	850.1	857.4	866.6	874.7	886.4	898.1	909.5
7.5°	771.5	777.1	787.9	800.0	813.1	825.1	835.9	850.2	865.7	882.9	901.9
10°	741.5	747.7	760.6	774.5	789.9	801.6	816.3	833.2	850.8	871.7	895.1
12.5°	714.5	720.5	735.9	750.2	766.2	779.1	796.1	813.2	836.7	859.4	886.1
15°	661.9	677.7	695.3	712.2	731.2	747.1	767.5	785.1	807.6	839.4	869.9
17.5°	603.5	620.4	642.2	668.3	693.8	713.3	734.1	756.0	782.7	815.2	850.4
20°	569.5	583.1	607.3	636.3	666.0	693.1	712.2	736.4	763.9	799.1	835.4
22.5°	544.0	555.5	574.5	603.4	635.5	667.0	691.4	715.3	745.7	780.9	820.5
25°	505.7	518.2	534.7	554.5	591.2	624.5	656.5	683.9	716.2	751.4	795.4
27.5°	473.9	484.7	499.8	520.5	545.1	581.9	620.6	652.0	685.0	722.8	766.9
30°	455.1	463.9	476.4	497.3	520.8	553.7	593.0	629.7	663.1	702.3	748.1
32.5°	435.5	444.9	457.0	473.5	498.7	526.5	565.7	605.9	641.3	681.5	726.4
35°	409.3	416.6	427.6	444.5	467.2	491.4	526.2	567.7	605.1	648.0	690.9
37.5°	382.8	391.4	400.1	415.1	433.8	459.8	488.3	530.7	572.1	611.2	653.2
40°	367.8	373.0	382.5	394.6	414.4	437.5	464.3	505.7	547.1	586.1	628.2
42.5°	351.1	356.8	364.9	377.0	394.7	417.3	443.5	479.3	522.5	560.2	598.6
45°	327.8	331.1	339.2	349.5	364.2	386.9	411.1	443.0	483.7	519.6	553.4
47.5°	304.3	307.3	312.3	321.7	338.1	356.4	379.1	407.6	443.4	479.3	507.8
50°	288.2	290.8	295.6	304.3	319.1	337.1	359.4	385.0	417.0	451.5	475.2
52.5°	272.1	273.5	278.0	287.9	300.3	317.9	338.0	361.6	391.4	420.1	444.2
55°	246.5	249.8	252.7	260.0	271.7	288.6	306.6	328.9	352.0	376.3	396.8
57.5°	219.7	223.3	227.5	233.9	243.3	259.0	275.1	293.2	312.9	333.1	350.2
60°	202.1	205.4	209.1	216.4	224.8	237.2	254.9	270.6	285.7	304.0	321.2
62.5°	184.7	188.0	192.3	198.2	206.3	218.2	232.9	246.6	262.2	278.2	291.1
65°	159.2	161.7	165.0	170.5	178.2	188.9	201.0	211.6	225.6	237.2	249.0
67.5°	131.1	136.0	140.3	144.8	151.3	161.2	169.9	180.1	189.6	198.3	209.1
70°	112.5	118.1	122.2	126.9	133.1	141.6	150.0	156.9	164.7	173.1	182.7
72.5°	97.1	101.3	104.5	109.6	115.2	123.1	130.9	136.7	143.0	148.7	158.0
75°	76.6	78.5	80.7	84.7	89.8	95.8	102.0	107.1	110.7	115.8	122.5
77.5°	55.0	58.6	60.0	63.0	66.6	70.2	74.4	78.7	82.2	84.1	89.1
80°	42.1	43.6	45.1	49.1	51.4	55.0	58.0	62.0	63.4	65.3	70.0
82.5°	32.8	33.6	34.6	35.6	36.9	40.6	43.5	46.1	47.6	48.3	51.8
85°	19.0	19.4	19.8	20.2	20.5	20.5	22.0	23.8	26.4	26.4	27.5
87.5°	9.7	9.8	9.6	9.0	9.3	9.1	9.1	8.8	9.3	9.9	10.4
90°	16.3	15.4	14.1	12.9	11.7	10.5	9.0	7.3	5.6	3.8	2.1
92.5°	28.3	27.7	26.9	25.9	25.1	24.2	22.8	20.8	18.9	17.0	15.0
95°	53.6	53.2	52.1	51.0	49.9	48.8	47.6	46.2	44.8	43.4	41.9
97.5°	84.6	84.1	82.8	81.5	80.3	79.0	77.8	76.6	75.6	74.5	73.3
100°	107.4	107.1	105.7	104.2	102.8	101.4	100.4	99.8	99.2	98.6	97.9
102.5°	131.0	130.5	129.2	128.0	126.7	125.5	124.7	124.4	124.1	123.9	123.7
105°	166.9	166.5	165.9	165.2	164.7	164.0	163.6	163.4	163.3	163.2	163.0
107.5°	205.9	205.6	205.5	205.4	205.3	205.2	205.0	204.8	204.6	204.4	204.2
110°	232.6	232.9	233.1	233.3	233.4	233.6	233.5	233.2	232.9	232.5	232.2



TEST NUMBER: P333040-830

CATALOG NUMBER: S124RDIW-S575D770U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	260.3	260.3	260.6	260.9	261.2	261.5	261.6	261.6	261.5	261.4	261.4
115°	303.4	303.6	303.9	304.3	304.5	304.8	305.0	305.0	305.0	305.0	305.0
117.5°	345.2	345.7	345.9	346.2	346.4	346.6	346.7	346.5	346.4	346.3	346.1
120°	373.4	374.3	374.8	375.2	375.7	376.1	376.1	375.4	374.8	374.2	373.5
122.5°	401.7	402.3	402.5	402.7	402.9	403.1	403.1	402.8	402.6	402.4	402.1
125°	443.2	443.5	443.7	443.8	443.9	444.1	444.2	444.2	444.2	444.2	444.2
127.5°	483.1	483.4	483.6	483.9	484.1	484.4	484.3	483.8	483.3	482.9	482.4
130°	511.0	511.3	511.3	511.3	511.3	511.3	511.1	510.7	510.2	509.7	509.3
132.5°	537.3	537.6	537.8	537.9	538.0	538.2	538.1	537.7	537.3	537.1	536.7
135°	576.8	577.1	577.1	577.1	577.1	577.1	576.6	575.7	574.8	573.8	573.0
137.5°	615.0	615.5	615.2	614.9	614.7	614.4	614.2	613.7	613.2	612.8	612.4
140°	639.9	640.1	640.1	640.1	640.1	640.1	639.9	639.6	639.3	638.9	638.7
142.5°	663.5	663.5	663.7	663.8	663.9	664.1	664.0	663.6	663.4	663.1	662.7
145°	699.4	699.6	699.4	699.3	699.1	698.9	698.5	698.0	697.3	696.6	696.1
147.5°	731.7	731.9	732.0	732.1	732.3	732.4	732.1	731.3	730.6	729.8	729.1
150°	752.1	752.1	752.1	752.1	752.1	752.1	751.7	751.1	750.5	749.8	749.2
152.5°	770.8	770.4	770.3	770.2	770.1	770.0	769.8	769.4	769.0	768.6	768.3
155°	797.4	796.8	796.9	797.1	797.2	797.4	797.5	797.5	797.5	797.5	797.5
157.5°	821.1	820.7	820.8	820.8	820.8	820.9	821.0	821.2	821.5	821.8	822.1
160°	835.8	835.3	835.4	835.6	835.8	835.8	836.0	836.2	836.3	836.5	836.7
162.5°	848.4	847.5	847.7	847.9	848.0	848.2	848.5	848.9	849.2	849.7	850.1
165°	865.5	864.6	865.0	865.3	865.5	865.9	866.3	866.8	867.2	867.7	868.2
167.5°	880.1	879.2	879.1	879.1	879.1	879.0	879.4	880.1	880.7	881.4	881.9
170°	888.0	887.0	886.8	886.7	886.6	886.4	886.7	887.5	888.3	889.0	889.9
172.5°	893.7	892.6	892.6	892.6	892.5	892.5	892.8	893.4	894.1	894.8	895.4
175°	900.0	898.9	899.1	899.2	899.4	899.6	900.0	900.8	901.5	902.3	903.1
177.5°	903.7	902.9	902.9	902.9	902.9	902.9	903.1	903.8	904.4	905.0	905.6
180°	904.5	904.5	904.5	904.5	904.5	904.5	904.5	904.5	904.5	904.5	904.5



TEST NUMBER: P333040-830

CATALOG NUMBER: S124RDIW-S575D770U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	910.2	910.2	910.2	910.2	910.2	910.2	910.2	910.2	910.2	910.2	910.2
2.5°	915.8	918.4	921.3	926.9	931.6	933.7	937.8	940.8	939.8	944.0	951.0
5°	919.4	929.3	940.7	952.3	965.5	976.6	985.4	994.2	1001.2	1009.6	1022.1
7.5°	918.8	936.4	955.5	976.6	998.2	1016.9	1034.3	1051.9	1067.4	1084.6	1106.9
10°	916.4	939.9	963.7	991.3	1018.8	1044.8	1068.3	1090.2	1111.2	1133.5	1161.8
12.5°	913.8	940.8	969.6	1002.7	1037.0	1068.3	1095.9	1127.6	1153.7	1182.5	1215.2
15°	902.1	938.5	977.7	1020.6	1061.7	1103.8	1141.6	1180.5	1216.8	1251.2	1292.3
17.5°	888.8	930.7	976.9	1027.7	1077.0	1128.2	1173.1	1222.1	1259.1	1305.4	1343.6
20°	878.0	923.0	972.5	1029.4	1085.5	1142.4	1191.8	1241.7	1283.6	1330.1	1378.6
22.5°	864.8	914.3	967.9	1026.7	1085.5	1147.6	1202.4	1252.0	1303.8	1356.2	1406.1
25°	843.5	894.8	951.7	1016.2	1083.6	1147.1	1205.8	1267.4	1323.1	1380.0	1424.7
27.5°	817.4	871.3	931.2	997.8	1067.1	1132.0	1201.1	1266.8	1322.9	1377.5	1416.5
30°	796.5	853.4	911.0	978.5	1050.3	1120.0	1194.0	1259.7	1318.7	1367.9	1389.9
32.5°	775.1	829.1	888.3	956.7	1030.4	1105.3	1178.8	1245.9	1300.5	1330.0	1330.6
35°	737.8	788.4	850.1	917.2	992.7	1074.1	1148.6	1214.6	1247.9	1250.6	1214.6
37.5°	697.2	743.7	801.8	869.0	951.7	1032.7	1108.7	1152.7	1163.9	1126.6	1060.2
40°	668.2	711.1	767.2	836.1	918.3	1001.9	1071.2	1103.4	1091.7	1031.2	957.2
42.5°	637.6	677.6	731.7	799.7	882.2	966.7	1025.8	1043.0	1011.9	942.1	855.4
45°	587.9	624.5	678.1	746.7	825.9	905.1	949.8	941.0	889.3	806.4	709.3
47.5°	536.0	571.5	619.6	683.1	764.2	832.5	862.8	836.3	762.7	671.6	592.5
50°	501.7	538.0	582.4	642.9	717.0	783.0	802.4	762.0	680.2	592.7	520.0
52.5°	468.0	499.0	542.4	600.9	671.8	727.5	737.8	691.4	606.9	528.4	464.0
55°	416.6	444.9	481.5	536.5	597.8	645.1	639.6	579.8	503.1	436.0	385.4
57.5°	366.9	388.2	422.1	473.6	527.4	559.2	539.0	488.1	416.7	361.7	319.1
60°	334.1	353.9	385.4	430.6	477.9	495.8	478.9	423.6	367.1	316.9	280.9
62.5°	303.0	320.5	347.6	389.5	427.6	438.3	420.3	371.9	321.0	278.1	248.4
65°	257.8	273.9	297.1	326.8	353.2	358.3	346.6	297.1	258.5	222.6	202.1
67.5°	216.8	227.3	245.4	271.1	285.1	288.1	265.4	234.3	200.4	178.3	162.9
70°	189.3	196.5	213.4	227.3	238.7	239.1	218.2	193.2	167.2	149.3	137.9
72.5°	162.5	169.6	182.4	191.9	200.6	197.7	178.6	158.9	137.9	124.3	115.8
75°	125.5	131.7	138.3	142.7	142.7	139.0	125.1	110.4	98.3	90.2	87.7
77.5°	91.1	96.3	98.5	97.8	96.5	90.8	82.0	72.4	68.1	64.3	62.3
80°	71.5	73.7	74.5	72.6	70.4	63.8	58.0	53.9	49.9	48.4	47.7
82.5°	53.1	55.0	53.1	53.5	48.7	43.3	40.1	38.6	36.9	36.4	35.6
85°	28.3	27.9	27.1	25.3	22.0	21.3	20.9	20.5	19.8	20.2	19.4
87.5°	10.5	9.9	9.0	9.1	9.4	9.0	9.6	9.9	10.1	10.0	10.7
90°	3.8	5.6	7.3	9.0	10.5	11.7	12.9	14.1	15.4	16.3	17.2
92.5°	17.0	18.9	20.8	22.8	24.2	25.1	25.9	26.9	27.7	28.3	28.8
95°	43.4	44.8	46.2	47.6	48.8	49.9	51.0	52.1	53.2	53.6	54.1
97.5°	74.5	75.6	76.6	77.8	79.0	80.3	81.5	82.8	84.1	84.6	85.2
100°	98.6	99.2	99.8	100.4	101.4	102.8	104.2	105.7	107.1	107.4	107.6
102.5°	123.9	124.1	124.4	124.7	125.5	126.7	128.0	129.2	130.5	131.0	131.4
105°	163.2	163.3	163.4	163.6	164.0	164.7	165.2	165.9	166.5	166.9	167.4
107.5°	204.4	204.6	204.8	205.0	205.2	205.3	205.4	205.5	205.6	205.9	206.4
110°	232.5	232.9	233.2	233.5	233.6	233.4	233.3	233.1	232.9	232.6	232.3



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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	261.4	261.5	261.6	261.6	261.5	261.2	260.9	260.6	260.3	260.3	260.2
115°	305.0	305.0	305.0	305.0	304.8	304.5	304.3	303.9	303.6	303.4	303.3
117.5°	346.3	346.4	346.5	346.7	346.6	346.4	346.2	345.9	345.7	345.2	344.7
120°	374.2	374.8	375.4	376.1	376.1	375.7	375.2	374.8	374.3	373.4	372.7
122.5°	402.4	402.6	402.8	403.1	403.1	402.9	402.7	402.5	402.3	401.7	401.1
125°	444.2	444.2	444.2	444.2	444.1	443.9	443.8	443.7	443.5	443.2	442.9
127.5°	482.9	483.3	483.8	484.3	484.4	484.1	483.9	483.6	483.4	483.1	482.8
130°	509.7	510.2	510.7	511.1	511.3	511.3	511.3	511.3	511.3	511.0	510.8
132.5°	537.1	537.3	537.7	538.1	538.2	538.0	537.9	537.8	537.6	537.3	537.1
135°	573.8	574.8	575.7	576.6	577.1	577.1	577.1	577.1	577.1	576.8	576.5
137.5°	612.8	613.2	613.7	614.2	614.4	614.7	614.9	615.2	615.5	615.0	614.6
140°	638.9	639.3	639.6	639.9	640.1	640.1	640.1	640.1	640.1	639.9	639.8
142.5°	663.1	663.4	663.6	664.0	664.1	663.9	663.8	663.7	663.5	663.5	663.5
145°	696.6	697.3	698.0	698.5	698.9	699.1	699.3	699.4	699.6	699.4	699.3
147.5°	729.8	730.6	731.3	732.1	732.4	732.3	732.1	732.0	731.9	731.7	731.6
150°	749.8	750.5	751.1	751.7	752.1	752.1	752.1	752.1	752.1	752.1	752.1
152.5°	768.6	769.0	769.4	769.8	770.0	770.1	770.2	770.3	770.4	770.8	771.2
155°	797.5	797.5	797.5	797.5	797.4	797.2	797.1	796.9	796.8	797.4	798.1
157.5°	821.8	821.5	821.2	821.0	820.9	820.8	820.8	820.8	820.7	821.1	821.6
160°	836.5	836.3	836.2	836.0	835.8	835.8	835.6	835.4	835.3	835.8	836.2
162.5°	849.7	849.2	848.9	848.5	848.2	848.0	847.9	847.7	847.5	848.4	849.2
165°	867.7	867.2	866.8	866.3	865.9	865.5	865.3	865.0	864.6	865.5	866.5
167.5°	881.4	880.7	880.1	879.4	879.0	879.1	879.1	879.1	879.2	880.1	881.1
170°	889.0	888.3	887.5	886.7	886.4	886.6	886.7	886.8	887.0	888.0	888.9
172.5°	894.8	894.1	893.4	892.8	892.5	892.5	892.6	892.6	892.6	893.7	894.8
175°	902.3	901.5	900.8	900.0	899.6	899.4	899.2	899.1	898.9	900.0	901.1
177.5°	905.0	904.4	903.8	903.1	902.9	902.9	902.9	902.9	902.9	903.7	904.6
180°	904.5	904.5	904.5	904.5	904.5	904.5	904.5	904.5	904.5	904.5	904.5



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	910.2	910.2	910.2	910.2	910.2	910.2	910.2
2.5°	954.8	956.0	956.9	959.8	960.1	962.7	960.1
5°	1033.8	1039.0	1047.0	1055.1	1055.8	1060.9	1051.8
7.5°	1122.4	1134.3	1141.7	1154.7	1159.9	1163.1	1157.8
10°	1183.5	1194.4	1213.9	1223.4	1232.9	1234.4	1230.0
12.5°	1242.4	1259.8	1275.2	1293.3	1292.8	1305.7	1301.0
15°	1321.0	1338.9	1360.2	1380.4	1387.7	1387.7	1393.5
17.5°	1377.0	1409.9	1431.9	1447.7	1465.1	1468.1	1466.0
20°	1414.9	1450.4	1473.9	1494.4	1506.2	1509.5	1509.5
22.5°	1443.0	1473.3	1496.2	1514.7	1524.4	1528.2	1527.0
25°	1462.5	1488.6	1502.5	1508.0	1510.5	1509.8	1502.9
27.5°	1435.8	1434.6	1425.8	1408.9	1396.3	1388.6	1379.8
30°	1384.8	1365.6	1343.7	1319.5	1288.3	1264.4	1257.2
32.5°	1308.8	1265.9	1228.7	1188.4	1154.8	1131.0	1121.0
35°	1161.8	1093.9	1038.6	990.1	955.0	932.9	925.6
37.5°	987.4	921.7	853.2	806.3	777.0	754.8	746.5
40°	876.5	804.9	745.2	701.2	671.1	649.5	649.1
42.5°	775.2	707.0	650.7	619.1	586.6	572.3	572.2
45°	634.8	580.1	532.4	507.6	488.1	476.4	473.1
47.5°	525.6	480.4	448.7	428.8	412.9	405.5	400.6
50°	464.3	424.7	399.4	382.1	373.3	363.8	363.1
52.5°	413.2	381.3	361.6	347.5	336.4	330.6	330.8
55°	347.3	322.0	308.0	297.4	288.6	284.2	282.4
57.5°	292.6	273.6	263.4	253.7	250.0	246.5	245.5
60°	258.5	245.7	236.2	228.5	223.0	221.9	221.5
62.5°	230.4	217.0	210.4	204.4	200.4	198.7	198.0
65°	189.9	180.0	174.2	169.5	168.0	165.4	165.0
67.5°	153.2	147.2	143.4	140.1	138.0	137.9	137.9
70°	130.5	127.2	123.9	122.2	121.0	120.3	120.3
72.5°	111.2	108.8	106.0	105.1	104.9	104.2	103.9
75°	84.7	82.2	82.5	80.7	79.2	77.4	76.3
77.5°	60.0	58.2	57.9	57.7	56.4	56.2	56.7
80°	46.6	44.8	44.4	44.8	44.4	43.3	43.3
82.5°	35.4	33.9	33.6	33.3	32.9	33.3	32.7
85°	19.0	18.4	18.4	18.4	19.0	18.7	18.4
87.5°	10.4	10.3	10.7	10.5	10.6	10.3	10.7
90°	18.2	19.1	19.7	20.1	20.4	20.6	21.0
92.5°	29.4	30.0	30.3	30.5	30.7	30.9	31.1
95°	54.6	55.0	55.2	55.2	55.2	55.2	55.2
97.5°	85.8	86.3	86.6	86.6	86.6	86.6	86.6
100°	107.9	108.3	108.4	108.4	108.4	108.4	108.4
102.5°	131.9	132.2	132.5	132.7	132.8	132.9	133.1
105°	167.9	168.3	168.8	169.3	169.8	170.2	170.7
107.5°	206.8	207.3	207.5	207.5	207.5	207.4	207.4
110°	232.1	231.7	231.8	232.2	232.7	233.2	233.7



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	260.1	260.1	260.1	260.2	260.3	260.4	260.5
115°	303.1	302.9	302.8	302.7	302.6	302.4	302.2
117.5°	344.1	343.6	343.2	342.9	342.5	342.2	342.0
120°	371.9	371.2	370.9	371.3	371.6	371.8	372.1
122.5°	400.7	400.1	399.5	399.0	398.4	397.9	397.4
125°	442.6	442.2	442.0	441.7	441.3	441.0	440.7
127.5°	482.5	482.1	481.8	481.6	481.4	481.1	480.9
130°	510.4	510.1	509.6	509.1	508.4	507.7	507.2
132.5°	536.8	536.4	536.1	535.9	535.6	535.4	535.2
135°	576.2	575.9	575.5	575.0	574.6	574.1	573.6
137.5°	614.3	613.9	613.7	613.8	613.9	614.0	614.1
140°	639.6	639.4	639.3	639.1	638.9	638.9	638.7
142.5°	663.5	663.5	663.5	663.4	663.4	663.4	663.3
145°	699.1	698.9	698.6	698.1	697.7	697.2	696.7
147.5°	731.5	731.3	731.2	731.0	730.9	730.8	730.6
150°	752.1	752.1	752.0	751.8	751.6	751.5	751.3
152.5°	771.6	771.9	771.9	771.6	771.2	770.7	770.3
155°	798.6	799.3	799.3	798.6	798.1	797.4	796.8
157.5°	822.1	822.6	822.6	822.0	821.5	821.0	820.4
160°	836.7	837.2	837.0	836.2	835.4	834.6	833.9
162.5°	850.1	850.9	850.9	850.2	849.4	848.7	847.8
165°	867.4	868.4	868.6	867.9	867.2	866.7	866.0
167.5°	881.9	882.9	882.9	881.9	881.0	880.1	879.0
170°	889.9	890.8	890.7	889.6	888.5	887.4	886.4
172.5°	895.8	896.8	896.8	895.7	894.7	893.5	892.5
175°	902.2	903.2	903.2	902.2	901.1	900.0	898.9
177.5°	905.4	906.3	906.3	905.2	904.3	903.2	902.3
180°	904.5	904.5	904.5	904.5	904.5	904.5	904.5

(END OF REPORT)