

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: P333644-840

Luminaire Tested: **S125RDIW-S375D770U840-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333644-840  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-7,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S125RDIW-S375D770U840-4F0-1E-UDD-A  
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 375 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 770 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4574.6 lumens  
Efficiency: N/A  
Efficacy: 150.5 lumens/watt  
Spacing Criteria (0/90/45): 1.4 / 1.22 / 1.47  
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')  
CIE Type: Semi-Indirect

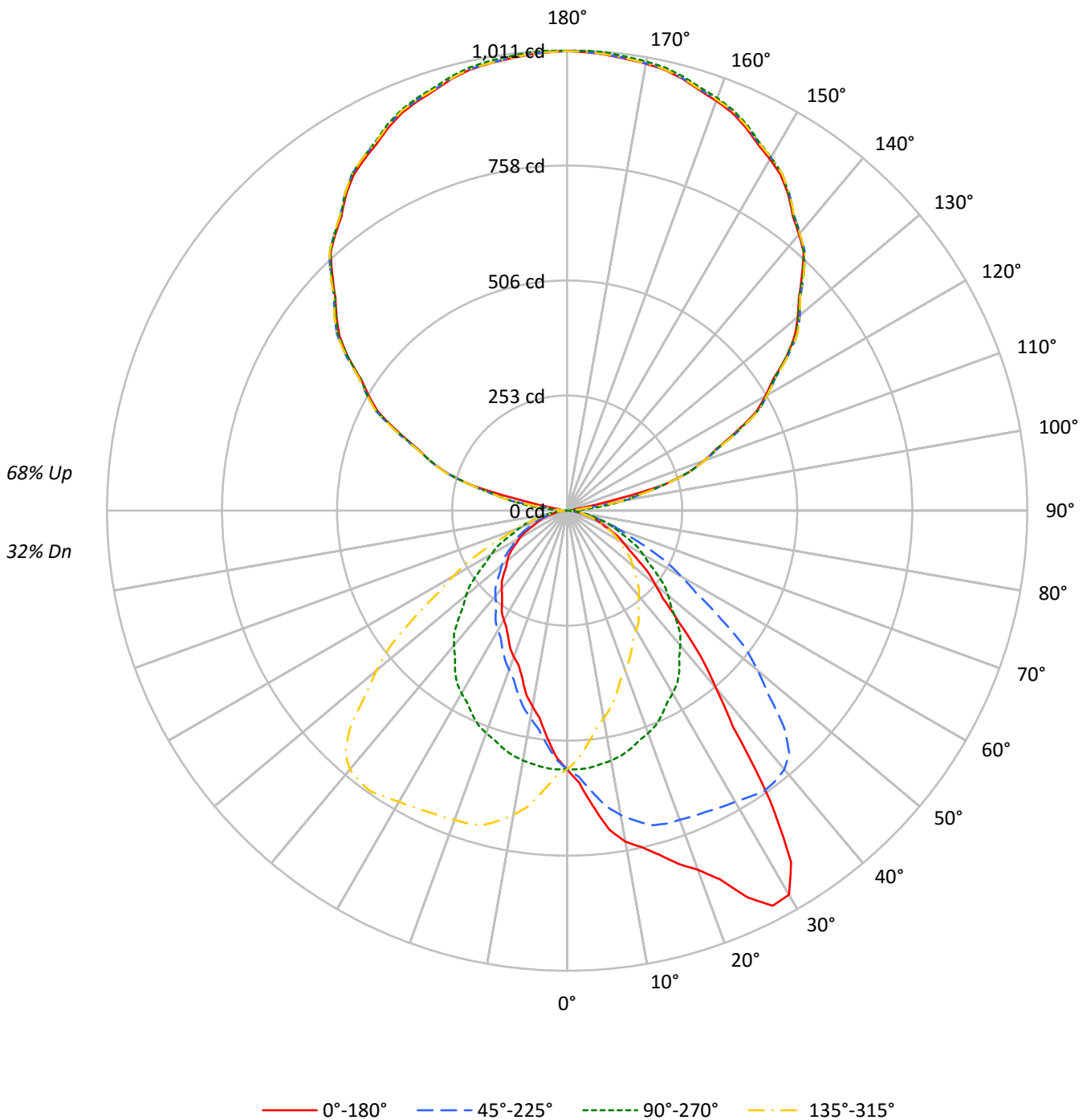
Input Watts (W): 30.4  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	103	103	103	103	93	93	93	93	73	73	73	56	56	56	40	40	40	32
1	94	90	86	83	85	81	78	75	65	63	61	50	48	47	36	35	34	28
2	86	79	73	68	77	71	66	62	57	54	51	44	42	40	32	30	29	24
3	78	69	62	57	70	63	57	52	50	46	43	39	36	34	28	26	25	20
4	72	61	54	48	64	56	49	44	45	40	37	35	32	29	25	23	22	18
5	66	55	47	41	59	50	43	38	40	35	31	31	28	25	23	21	19	15
6	61	49	41	36	54	45	38	33	36	31	27	28	25	22	21	18	17	14
7	56	44	37	31	50	40	34	29	33	28	24	26	22	19	19	17	15	12
8	52	40	33	27	47	36	30	25	30	25	21	23	20	17	17	15	13	11
9	48	36	29	24	43	33	27	23	27	22	19	21	18	15	16	14	12	10
10	45	33	26	22	40	30	24	20	25	20	17	20	16	14	15	13	11	9

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

	0°	90°	180°	270°
0°	3672	3672	3672	3672
5°	4224	3676	3247	3676
10°	4845	3657	2865	3657
15°	5233	3620	2546	3620
20°	5770	3577	2351	3577
25°	6678	3518	2182	3518
30°	7267	3457	2071	3457
35°	6130	3387	1968	3387
40°	4281	3260	1881	3260
45°	3176	3088	1795	3088
50°	2533	2910	1721	2910
55°	2149	2688	1655	2688
60°	1856	2490	1550	2490
65°	1655	2275	1334	2275
70°	1456	2085	1216	2085
75°	1258	1804	1140	1804
80°	956	1517	956	1517
85°	793	1193	897	1193



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	54.5	1.2
10°-20°	159.7	3.5
20°-30°	253.3	5.5
30°-40°	305.4	6.7
40°-50°	272.8	6.0
50°-60°	209.2	4.6
60°-70°	135.9	3.0
70°-80°	66.1	1.4
80°-90°	17.9	0.4
90°-100°	36.7	0.8
100°-110°	226.1	4.9
110°-120°	410.0	9.0
120°-130°	526.2	11.5
130°-140°	566.0	12.4
140°-150°	531.3	11.6
150°-160°	429.7	9.4
160°-170°	277.9	6.1
170°-180°	95.9	2.1
0°-30°	467.5	10.2
0°-40°	773.0	16.9
0°-60°	1254.9	27.4
0°-90°	1474.8	32.2
90°-120°	672.8	14.7
90°-150°	2296.2	50.2
90°-180°	3100.0	67.8
0°-180°	4574.6	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	568	568	568	568	568	
5°	652	567	501	567	652	65
15°	783	541	381	541	783	224
25°	937	494	306	494	937	430
35°	778	430	250	430	778	470
45°	348	338	196	338	348	277
55°	191	239	147	239	191	173
65°	108	149	87	149	108	108
75°	50	72	46	72	50	54
85°	11	16	12	16	11	13
90°	18	1	18	1	18	8
95°	16	43	16	43	16	13
105°	222	220	222	220	222	201
115°	410	413	410	413	410	407
125°	587	587	587	587	587	523
135°	730	733	730	733	730	563
145°	847	849	847	849	847	529
155°	929	935	929	935	929	428
165°	982	987	982	987	982	277
175°	1005	1010	1005	1010	1005	96
180°	1010	1010	1010	1010	1010	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5
2.5°	597.9	597.5	598.3	596.2	596.4	593.3	593.3	590.9	587.6	585.2	584.1
5°	651.5	652.0	651.1	647.5	645.2	641.7	637.7	630.8	624.9	619.2	614.9
7.5°	706.7	707.0	703.9	702.9	696.9	692.7	683.9	674.3	665.9	655.1	646.9
10°	738.8	738.5	735.3	732.7	727.6	721.0	712.4	701.3	690.7	679.0	667.8
12.5°	757.4	756.8	755.8	752.7	747.9	742.1	734.8	723.8	710.8	698.1	685.0
15°	782.6	781.0	778.0	774.0	767.2	760.4	752.3	742.6	730.1	715.7	703.6
17.5°	813.9	813.9	809.2	803.7	794.5	782.5	769.9	754.2	737.3	721.4	708.5
20°	839.6	838.9	834.2	823.4	812.9	798.0	783.6	764.2	743.7	722.9	706.8
22.5°	876.6	874.7	869.9	855.8	839.5	820.2	798.1	774.5	749.6	726.1	704.9
25°	937.2	935.7	926.1	909.8	887.0	857.3	828.4	796.0	760.2	729.2	703.6
27.5°	978.6	977.0	969.9	956.3	935.2	904.0	864.9	821.5	777.0	734.3	697.3
30°	974.4	978.0	977.0	970.7	954.8	926.9	890.7	841.9	788.9	738.8	694.7
32.5°	915.8	919.0	927.2	939.6	940.5	929.3	902.2	857.2	802.3	745.3	692.6
35°	777.5	781.7	797.6	822.5	855.3	882.5	888.1	863.8	814.6	753.3	689.5
37.5°	597.7	620.7	634.1	660.4	709.7	759.9	808.2	826.0	805.1	749.9	684.6
40°	507.8	513.3	537.1	566.8	608.3	660.6	729.4	779.1	780.7	742.6	676.7
42.5°	434.5	441.7	458.0	481.7	517.3	569.5	640.6	706.2	736.5	722.0	666.4
45°	347.7	353.0	365.0	383.1	410.4	453.6	514.7	590.6	650.8	674.4	638.9
47.5°	285.6	288.5	298.8	312.8	333.0	364.4	411.7	477.6	549.8	600.4	595.4
50°	252.1	255.3	263.2	273.7	290.7	317.3	355.2	410.0	484.4	546.2	558.7
52.5°	225.9	228.6	233.6	243.5	257.5	277.9	308.5	358.1	425.1	490.8	519.5
55°	190.9	192.8	196.7	202.3	213.5	228.2	254.6	288.9	343.1	409.3	451.3
57.5°	162.1	163.0	165.5	170.7	178.4	189.1	208.2	237.2	276.1	335.8	382.1
60°	143.7	144.7	147.9	151.5	157.5	167.3	182.3	202.6	239.8	289.1	336.0
62.5°	129.2	129.8	131.2	134.6	140.0	147.5	159.3	175.8	205.5	248.8	293.1
65°	108.3	108.5	109.0	111.8	115.0	120.7	128.4	140.0	162.4	195.1	234.3
67.5°	88.2	88.6	90.2	91.2	94.5	97.5	102.0	110.9	126.7	148.8	179.3
70°	77.1	76.7	78.4	79.6	80.7	84.2	87.3	94.5	104.3	121.1	146.5
72.5°	66.6	65.9	66.7	67.1	68.6	71.0	74.0	78.5	86.0	97.6	117.0
75°	50.4	50.6	50.6	51.1	52.3	53.2	54.1	56.5	60.7	68.4	78.9
77.5°	35.3	35.0	36.0	36.2	36.9	37.9	38.7	39.6	41.3	44.4	49.9
80°	25.7	25.7	25.9	26.6	26.4	26.9	28.0	29.0	31.0	32.9	34.7
82.5°	19.7	19.5	19.7	19.9	19.8	20.3	20.7	20.9	21.7	22.6	23.9
85°	10.7	10.7	11.0	11.0	11.2	11.2	11.4	11.4	11.4	11.7	11.9
87.5°	7.7	7.4	7.2	7.1	7.1	7.4	7.0	6.7	6.5	6.4	6.3
90°	18.0	17.5	17.0	16.5	16.0	15.2	14.4	13.6	12.8	12.0	10.8
92.5°	16.8	16.6	16.3	16.1	15.9	15.2	14.4	13.6	12.8	12.0	10.9
95°	15.8	15.8	15.8	15.8	15.8	15.2	14.4	13.6	12.8	12.0	18.3
97.5°	15.8	15.8	15.8	15.8	15.8	18.1	22.7	27.5	32.1	36.9	49.3
100°	15.8	16.4	17.1	17.7	18.4	31.1	55.8	80.7	105.4	130.2	129.6
102.5°	94.1	105.4	116.7	128.1	139.4	147.3	152.1	156.7	161.5	166.1	165.7
105°	222.3	222.4	222.6	222.8	222.9	223.0	223.0	223.0	223.0	223.0	223.0
107.5°	280.1	280.6	281.1	281.7	282.2	282.4	282.4	282.4	282.3	282.3	282.0
110°	320.2	320.1	319.9	319.7	319.6	319.7	320.2	320.7	321.2	321.7	321.4



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	356.2	356.4	356.7	356.9	357.1	357.5	358.2	358.8	359.4	360.1	359.9
115°	410.0	411.0	412.0	413.0	414.0	414.9	415.6	416.2	416.9	417.6	417.4
117.5°	467.6	468.0	468.4	468.8	469.3	469.9	470.8	471.6	472.5	473.3	472.7
120°	502.8	503.7	504.5	505.3	506.1	506.8	507.1	507.5	507.8	508.1	507.6
122.5°	536.3	537.3	538.3	539.3	540.2	540.9	541.2	541.5	541.9	542.2	542.0
125°	587.4	587.9	588.3	588.9	589.4	590.0	590.7	591.3	592.0	592.6	592.6
127.5°	630.4	631.6	632.8	634.0	635.3	636.1	636.4	636.8	637.1	637.5	637.6
130°	661.5	662.3	663.2	664.0	664.8	665.5	666.0	666.5	666.9	667.4	667.3
132.5°	690.2	691.1	691.9	692.7	693.6	694.0	694.1	694.2	694.3	694.4	694.8
135°	729.5	730.5	731.5	732.6	733.6	734.3	734.6	734.9	735.2	735.6	735.9
137.5°	769.1	769.9	770.8	771.6	772.5	773.0	772.8	772.8	772.7	772.6	773.0
140°	792.4	793.5	794.5	795.4	796.4	796.8	796.4	796.1	795.8	795.4	795.6
142.5°	814.6	815.6	816.6	817.6	818.6	819.0	819.0	818.9	818.8	818.8	818.5
145°	847.1	848.1	849.0	850.0	851.0	851.4	851.3	851.1	850.9	850.8	850.8
147.5°	873.8	875.0	876.3	877.5	878.6	879.1	878.9	878.7	878.5	878.3	878.1
150°	891.2	892.5	893.8	895.1	896.6	897.1	896.7	896.4	896.1	895.6	895.3
152.5°	907.4	908.6	909.8	910.9	912.1	912.6	912.2	911.9	911.6	911.2	910.9
155°	928.6	930.0	931.3	932.6	933.9	934.3	933.8	933.3	932.8	932.3	932.0
157.5°	946.4	947.8	949.1	950.4	951.7	952.1	951.6	951.1	950.6	950.0	950.0
160°	957.8	959.2	960.5	961.8	963.1	963.4	962.8	962.1	961.5	960.8	960.6
162.5°	968.0	969.5	970.9	972.4	973.8	974.1	973.1	972.2	971.3	970.4	970.2
165°	981.7	983.1	984.4	985.7	987.0	987.2	986.2	985.2	984.2	983.2	983.1
167.5°	991.3	992.8	994.3	995.8	997.3	997.4	996.2	995.0	993.8	992.7	992.5
170°	996.7	998.2	999.7	1001.2	1002.7	1002.8	1001.5	1000.1	998.8	997.4	997.2
172.5°	1000.3	1001.8	1003.3	1004.8	1006.2	1006.4	1005.2	1004.0	1002.8	1001.7	1001.4
175°	1004.9	1006.4	1007.9	1009.5	1010.9	1011.0	1009.7	1008.4	1007.0	1005.7	1005.5
177.5°	1007.6	1008.7	1009.8	1010.8	1011.9	1012.0	1011.0	1010.1	1009.2	1008.2	1008.0
180°	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5



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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5
2.5°	584.1	582.8	580.4	578.1	575.3	572.9	571.2	569.2	566.5	563.4	560.8
5°	610.0	604.8	598.0	592.2	584.7	579.0	572.9	567.0	561.2	553.7	547.1
7.5°	638.6	628.0	617.7	604.7	593.0	582.5	572.4	562.2	552.2	541.6	531.4
10°	656.2	643.3	629.1	612.8	597.8	583.6	570.6	557.6	544.1	532.3	519.5
12.5°	672.6	656.0	639.7	619.1	601.2	583.8	567.1	551.2	536.7	521.3	507.5
15°	687.4	671.1	652.9	627.7	602.7	581.7	562.1	541.4	523.4	506.1	490.7
17.5°	693.2	676.0	654.9	630.7	603.4	576.9	551.7	529.0	507.8	487.7	470.4
20°	690.9	674.4	652.7	629.5	600.4	572.9	545.5	520.4	496.8	475.5	457.2
22.5°	685.5	668.4	647.4	623.0	595.3	566.1	536.9	510.1	485.4	463.4	443.3
25°	677.4	654.1	632.6	608.7	582.4	553.5	523.4	493.7	467.4	444.9	423.0
27.5°	668.9	639.9	612.5	588.9	561.0	535.2	506.1	475.7	448.1	425.3	402.7
30°	661.3	628.6	598.5	571.7	545.3	520.8	493.3	463.6	435.2	411.6	388.8
32.5°	651.8	617.0	584.0	553.0	527.6	503.3	478.4	450.0	422.3	398.0	374.8
35°	639.9	595.5	559.6	526.6	498.5	474.8	452.4	429.6	401.8	376.6	354.0
37.5°	624.2	573.8	532.3	496.4	466.7	443.0	425.3	404.3	379.0	355.0	334.0
40°	614.6	558.2	512.7	477.2	446.0	420.9	404.3	386.7	363.6	340.9	319.9
42.5°	602.0	543.8	492.9	456.0	424.4	400.4	383.6	368.2	348.8	327.5	305.0
45°	577.0	515.9	462.5	422.8	391.1	367.5	351.8	338.1	323.5	303.8	284.2
47.5°	544.7	486.9	430.9	387.6	356.6	334.7	319.5	308.6	298.1	281.4	262.5
50°	518.8	462.9	408.4	366.4	333.3	312.5	298.2	289.6	280.0	264.9	248.9
52.5°	488.1	438.3	384.9	341.9	310.6	291.1	277.5	268.8	260.9	248.6	233.5
55°	439.9	396.2	347.2	308.2	279.5	259.9	246.9	238.7	234.1	223.6	211.7
57.5°	384.2	352.9	309.7	272.2	246.7	227.4	217.8	210.9	205.6	198.1	189.8
60°	345.4	323.5	284.7	248.9	225.6	207.2	198.5	192.8	187.8	181.6	175.0
62.5°	306.0	290.0	256.3	225.6	204.2	188.7	180.7	175.4	169.8	165.5	159.2
65°	253.2	238.9	215.6	191.6	171.8	159.4	153.5	148.9	145.4	140.7	136.2
67.5°	196.9	191.2	175.0	158.4	144.2	133.2	128.2	124.9	120.8	118.0	114.9
70°	162.4	159.6	148.1	137.2	123.9	116.4	111.8	110.4	105.2	102.4	100.4
72.5°	131.8	130.5	123.9	116.3	106.9	100.4	96.1	94.5	91.2	89.0	87.7
75°	90.3	90.8	89.6	84.7	81.2	77.1	73.3	72.3	70.0	68.2	67.0
77.5°	57.2	59.5	59.6	59.4	58.0	55.4	53.8	53.1	50.9	50.2	49.9
80°	39.2	41.8	44.1	43.8	43.4	42.7	41.5	40.8	39.7	39.0	38.5
82.5°	26.2	28.5	30.5	31.7	31.6	30.9	30.2	29.8	29.6	29.1	29.0
85°	12.3	12.8	13.5	15.1	16.4	16.6	16.4	16.1	15.5	15.7	15.9
87.5°	6.3	6.0	6.0	5.7	5.3	6.0	6.2	6.2	6.1	6.0	5.8
90°	9.7	8.5	7.3	6.1	4.7	3.4	2.1	0.7	2.1	3.4	4.7
92.5°	9.9	8.9	7.9	7.8	8.7	9.7	10.6	11.5	10.6	9.7	8.7
95°	24.6	30.9	37.3	40.7	41.2	41.6	42.1	42.6	42.1	41.6	41.2
97.5°	61.8	74.3	86.8	92.6	91.7	90.9	90.0	89.1	90.0	90.9	91.7
100°	128.9	128.3	127.5	126.9	126.4	125.9	125.4	124.9	125.4	125.9	126.4
102.5°	165.3	164.9	164.5	164.0	163.4	162.8	162.1	161.5	162.1	162.8	163.4
105°	223.0	223.0	223.0	222.7	222.0	221.4	220.7	219.9	220.7	221.4	222.0
107.5°	281.6	281.2	280.9	280.7	280.7	280.7	280.7	280.7	280.7	280.7	280.7
110°	321.1	320.7	320.4	320.2	320.2	320.2	320.2	320.2	320.2	320.2	320.2





TEST NUMBER: P333644-840

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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	359.7	359.5	359.3	359.0	358.6	358.2	357.8	357.4	357.8	358.2	358.6
115°	417.2	417.1	416.9	416.4	415.6	414.8	413.8	413.0	413.8	414.8	415.6
117.5°	472.1	471.5	470.8	470.5	470.6	470.6	470.6	470.7	470.6	470.6	470.6
120°	507.1	506.5	506.0	505.9	506.0	506.2	506.4	506.5	506.4	506.2	506.0
122.5°	541.7	541.5	541.3	540.9	540.2	539.6	539.0	538.3	539.0	539.6	540.2
125°	592.6	592.6	592.6	592.1	590.9	589.8	588.5	587.4	588.5	589.8	590.9
127.5°	637.7	637.8	637.9	637.5	636.7	635.9	635.1	634.2	635.1	635.9	636.7
130°	667.1	666.9	666.8	666.3	665.5	664.6	663.8	663.0	663.8	664.6	665.5
132.5°	695.1	695.5	695.9	695.6	694.6	693.7	692.7	691.7	692.7	693.7	694.6
135°	736.2	736.6	736.9	736.6	735.6	734.6	733.6	732.6	733.6	734.6	735.6
137.5°	773.3	773.6	773.9	773.6	772.7	771.8	771.0	770.1	771.0	771.8	772.7
140°	795.8	795.9	796.1	796.0	795.7	795.4	795.0	794.7	795.0	795.4	795.7
142.5°	818.3	818.1	817.8	817.6	817.4	817.2	817.0	816.8	817.0	817.2	817.4
145°	850.8	850.8	850.8	850.6	850.3	850.0	849.6	849.3	849.6	850.0	850.3
147.5°	877.9	877.8	877.6	877.5	877.6	877.6	877.7	877.8	877.7	877.6	877.6
150°	895.0	894.6	894.3	894.3	894.6	895.0	895.3	895.6	895.3	895.0	894.6
152.5°	910.6	910.3	909.9	910.1	910.9	911.6	912.3	913.0	912.3	911.6	910.9
155°	931.7	931.4	931.0	931.4	932.3	933.3	934.3	935.3	934.3	933.3	932.3
157.5°	950.0	949.9	949.9	950.2	950.8	951.4	952.0	952.5	952.0	951.4	950.8
160°	960.5	960.3	960.1	960.6	961.5	962.5	963.5	964.5	963.5	962.5	961.5
162.5°	970.1	969.9	969.7	970.1	971.1	972.1	973.1	974.1	973.1	972.1	971.1
165°	982.9	982.7	982.6	983.0	984.0	985.0	985.9	986.9	985.9	985.0	984.0
167.5°	992.3	992.2	992.0	992.4	993.5	994.5	995.5	996.5	995.5	994.5	993.5
170°	997.1	996.9	996.7	997.2	998.5	999.6	1000.8	1002.0	1000.8	999.6	998.5
172.5°	1001.1	1000.8	1000.5	1000.9	1002.0	1003.2	1004.4	1005.5	1004.4	1003.2	1002.0
175°	1005.3	1005.2	1005.0	1005.4	1006.4	1007.4	1008.5	1009.5	1008.5	1007.4	1006.4
177.5°	1007.9	1007.8	1007.6	1008.0	1008.9	1009.7	1010.4	1011.2	1010.4	1009.7	1008.9
180°	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5



TEST NUMBER: P333644-840

CATALOG NUMBER: S125RDIW-S375D770U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5
2.5°	558.9	556.3	554.4	550.7	548.1	546.9	544.9	544.3	546.4	544.9	544.7
5°	542.3	535.5	530.2	524.8	519.0	515.2	509.6	508.7	507.3	505.2	504.7
7.5°	522.4	513.5	506.6	497.8	490.1	483.8	476.9	473.5	471.7	469.0	465.3
10°	509.0	498.5	489.1	480.2	470.7	462.9	456.0	450.6	447.1	443.8	442.4
12.5°	495.6	484.9	473.0	462.3	451.6	443.0	435.3	431.7	427.9	424.0	420.8
15°	475.0	460.9	447.8	435.5	426.4	417.0	409.5	404.3	398.6	396.9	390.6
17.5°	453.2	439.3	423.9	411.0	400.4	390.1	381.9	376.1	371.7	365.7	362.8
20°	439.6	423.0	408.1	396.2	384.6	372.4	364.1	359.1	355.0	350.0	347.7
22.5°	425.1	408.9	393.5	379.6	367.8	355.8	349.8	344.8	340.0	335.5	332.3
25°	403.6	387.4	371.2	356.8	344.5	335.8	328.8	323.0	320.4	316.0	312.7
27.5°	382.5	365.2	348.5	334.1	324.4	315.8	310.0	305.5	300.8	297.0	294.1
30°	368.9	351.2	333.0	321.5	311.2	303.2	296.8	292.4	288.9	285.4	283.3
32.5°	355.3	337.0	320.8	308.5	298.8	291.8	285.3	280.9	277.3	273.5	270.9
35°	333.5	314.8	301.7	289.6	280.0	273.5	269.0	263.0	259.9	257.1	254.6
37.5°	313.2	295.8	281.7	271.0	262.7	256.2	250.4	247.2	243.5	241.0	238.8
40°	298.2	282.4	269.5	258.3	252.3	245.0	239.6	235.4	232.7	229.3	227.0
42.5°	284.8	270.0	257.5	247.5	239.9	233.8	228.6	224.4	220.9	218.5	216.6
45°	265.8	251.1	238.9	229.6	222.6	216.8	211.4	209.3	204.6	201.9	200.9
47.5°	246.1	233.0	221.3	212.7	205.5	200.0	194.9	190.7	188.0	185.3	183.8
50°	232.9	220.3	209.3	200.9	193.9	187.8	183.2	180.4	176.8	174.3	172.5
52.5°	219.6	207.9	197.0	188.9	182.9	176.8	171.6	168.8	165.5	163.9	162.6
55°	200.7	188.3	178.9	171.1	164.7	159.2	154.2	151.5	149.4	147.7	147.2
57.5°	179.3	169.5	160.8	153.6	147.0	141.8	137.4	134.8	133.0	132.7	131.3
60°	165.2	156.3	148.5	140.7	135.1	130.2	126.4	123.4	121.6	121.4	120.9
62.5°	151.2	142.7	135.3	128.6	123.5	118.9	115.2	111.9	110.8	109.6	108.6
65°	130.5	122.7	116.6	111.3	105.9	102.0	98.5	96.3	93.8	92.4	89.9
67.5°	110.1	104.1	98.3	93.7	89.5	85.7	82.8	79.7	78.0	76.9	75.0
70°	96.6	91.9	86.1	81.2	78.0	74.9	72.6	69.1	67.9	67.0	66.0
72.5°	83.9	79.8	74.9	70.9	67.7	64.8	62.1	60.5	59.3	58.4	57.9
75°	66.0	62.1	57.9	55.0	52.7	50.4	49.0	47.9	47.4	47.2	46.3
77.5°	48.5	46.4	43.0	40.8	39.3	38.3	37.1	36.5	36.4	35.3	35.0
80°	37.1	36.0	33.1	32.2	31.0	30.1	29.4	28.3	27.1	26.6	25.9
82.5°	27.6	26.5	25.2	23.8	22.8	22.2	21.6	21.1	21.3	20.6	20.3
85°	14.7	13.5	13.0	12.8	12.3	12.8	12.6	12.3	12.1	11.9	12.1
87.5°	5.9	6.2	6.2	6.8	6.5	6.9	7.1	7.1	7.2	7.4	7.3
90°	6.1	7.3	8.5	9.7	10.8	12.0	12.8	13.6	14.4	15.2	16.0
92.5°	7.8	7.9	8.9	9.9	10.9	12.0	12.8	13.6	14.4	15.2	15.9
95°	40.7	37.3	30.9	24.6	18.3	12.0	12.8	13.6	14.4	15.2	15.8
97.5°	92.6	86.8	74.3	61.8	49.3	36.9	32.1	27.5	22.7	18.1	15.8
100°	126.9	127.5	128.3	128.9	129.6	130.2	105.4	80.7	55.8	31.1	18.4
102.5°	164.0	164.5	164.9	165.3	165.7	166.1	161.5	156.7	152.1	147.3	139.4
105°	222.7	223.0	223.0	223.0	223.0	223.0	223.0	223.0	223.0	223.0	222.9
107.5°	280.7	280.9	281.2	281.6	282.0	282.3	282.3	282.4	282.4	282.4	282.2
110°	320.2	320.4	320.7	321.1	321.4	321.7	321.2	320.7	320.2	319.7	319.6



TEST NUMBER: P333644-840

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**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	359.0	359.3	359.5	359.7	359.9	360.1	359.4	358.8	358.2	357.5	357.1
115°	416.4	416.9	417.1	417.2	417.4	417.6	416.9	416.2	415.6	414.9	414.0
117.5°	470.5	470.8	471.5	472.1	472.7	473.3	472.5	471.6	470.8	469.9	469.3
120°	505.9	506.0	506.5	507.1	507.6	508.1	507.8	507.5	507.1	506.8	506.1
122.5°	540.9	541.3	541.5	541.7	542.0	542.2	541.9	541.5	541.2	540.9	540.2
125°	592.1	592.6	592.6	592.6	592.6	592.6	592.0	591.3	590.7	590.0	589.4
127.5°	637.5	637.9	637.8	637.7	637.6	637.5	637.1	636.8	636.4	636.1	635.3
130°	666.3	666.8	666.9	667.1	667.3	667.4	666.9	666.5	666.0	665.5	664.8
132.5°	695.6	695.9	695.5	695.1	694.8	694.4	694.3	694.2	694.1	694.0	693.6
135°	736.6	736.9	736.6	736.2	735.9	735.6	735.2	734.9	734.6	734.3	733.6
137.5°	773.6	773.9	773.6	773.3	773.0	772.6	772.7	772.8	772.8	773.0	772.5
140°	796.0	796.1	795.9	795.8	795.6	795.4	795.8	796.1	796.4	796.8	796.4
142.5°	817.6	817.8	818.1	818.3	818.5	818.8	818.8	818.9	819.0	819.0	818.6
145°	850.6	850.8	850.8	850.8	850.8	850.8	850.9	851.1	851.3	851.4	851.0
147.5°	877.5	877.6	877.8	877.9	878.1	878.3	878.5	878.7	878.9	879.1	878.6
150°	894.3	894.3	894.6	895.0	895.3	895.6	896.1	896.4	896.7	897.1	896.6
152.5°	910.1	909.9	910.3	910.6	910.9	911.2	911.6	911.9	912.2	912.6	912.1
155°	931.4	931.0	931.4	931.7	932.0	932.3	932.8	933.3	933.8	934.3	933.9
157.5°	950.2	949.9	949.9	950.0	950.0	950.0	950.6	951.1	951.6	952.1	951.7
160°	960.6	960.1	960.3	960.5	960.6	960.8	961.5	962.1	962.8	963.4	963.1
162.5°	970.1	969.7	969.9	970.1	970.2	970.4	971.3	972.2	973.1	974.1	973.8
165°	983.0	982.6	982.7	982.9	983.1	983.2	984.2	985.2	986.2	987.2	987.0
167.5°	992.4	992.0	992.2	992.3	992.5	992.7	993.8	995.0	996.2	997.4	997.3
170°	997.2	996.7	996.9	997.1	997.2	997.4	998.8	1000.1	1001.5	1002.8	1002.7
172.5°	1000.9	1000.5	1000.8	1001.1	1001.4	1001.7	1002.8	1004.0	1005.2	1006.4	1006.2
175°	1005.4	1005.0	1005.2	1005.3	1005.5	1005.7	1007.0	1008.4	1009.7	1011.0	1010.9
177.5°	1008.0	1007.6	1007.8	1007.9	1008.0	1008.2	1009.2	1010.1	1011.0	1012.0	1011.9
180°	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5



TEST NUMBER: P333644-840

CATALOG NUMBER: S125RDIW-S375D770U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5
2.5°	544.5	542.5	541.9	542.7	541.9	542.5	544.5	544.7	544.9	546.4	544.3
5°	502.4	500.1	501.2	500.8	501.2	500.1	502.4	504.7	505.2	507.3	508.7
7.5°	465.3	462.4	459.4	460.3	459.4	462.4	465.3	465.3	469.0	471.7	473.5
10°	439.4	437.1	435.7	436.9	435.7	437.1	439.4	442.4	443.8	447.1	450.6
12.5°	417.6	416.2	415.0	414.4	415.0	416.2	417.6	420.8	424.0	427.9	431.7
15°	387.8	385.1	383.8	380.8	383.8	385.1	387.8	390.6	396.9	398.6	404.3
17.5°	360.4	359.5	356.5	355.2	356.5	359.5	360.4	362.8	365.7	371.7	376.1
20°	344.2	343.3	340.2	342.0	340.2	343.3	344.2	347.7	350.0	355.0	359.1
22.5°	330.7	328.7	327.7	327.2	327.7	328.7	330.7	332.3	335.5	340.0	344.8
25°	311.7	308.7	307.5	306.2	307.5	308.7	311.7	312.7	316.0	320.4	323.0
27.5°	292.8	291.1	289.6	289.2	289.6	291.1	292.8	294.1	297.0	300.8	305.5
30°	280.4	278.8	277.7	277.7	277.7	278.8	280.4	283.3	285.4	288.9	292.4
32.5°	269.4	268.2	267.0	266.8	267.0	268.2	269.4	270.9	273.5	277.3	280.9
35°	253.4	251.6	251.1	249.6	251.1	251.6	253.4	254.6	257.1	259.9	263.0
37.5°	236.7	235.2	235.2	235.0	235.2	235.2	236.7	238.8	241.0	243.5	247.2
40°	226.1	224.9	224.7	223.1	224.7	224.9	226.1	227.0	229.3	232.7	235.4
42.5°	214.7	214.1	213.3	212.6	213.3	214.1	214.7	216.6	218.5	220.9	224.4
45°	199.2	197.6	197.6	196.5	197.6	197.6	199.2	200.9	201.9	204.6	209.3
47.5°	183.3	182.1	182.2	181.0	182.2	182.1	183.3	183.8	185.3	188.0	190.7
50°	172.7	172.0	171.8	171.3	171.8	172.0	172.7	172.5	174.3	176.8	180.4
52.5°	162.1	161.7	162.6	161.6	162.6	161.7	162.1	162.6	163.9	165.5	168.8
55°	147.7	147.0	148.5	147.0	148.5	147.0	147.7	147.2	147.7	149.4	151.5
57.5°	131.3	130.6	131.9	131.2	131.9	130.6	131.3	131.3	132.7	133.0	134.8
60°	120.4	119.0	119.7	120.0	119.7	119.0	120.4	120.9	121.4	121.6	123.4
62.5°	107.6	106.6	107.2	106.1	107.2	106.6	107.6	108.6	109.6	110.8	111.9
65°	89.4	88.7	87.8	87.3	87.8	88.7	89.4	89.9	92.4	93.8	96.3
67.5°	75.1	73.4	73.3	73.7	73.3	73.4	75.1	75.0	76.9	78.0	79.7
70°	64.6	64.6	64.4	64.4	64.4	64.6	64.6	66.0	67.0	67.9	69.1
72.5°	57.4	57.2	56.8	56.6	56.8	57.2	57.4	57.9	58.4	59.3	60.5
75°	46.3	46.5	45.9	45.7	45.9	46.5	46.3	46.3	47.2	47.4	47.9
77.5°	34.1	33.1	33.6	33.1	33.6	33.1	34.1	35.0	35.3	36.4	36.5
80°	25.9	25.7	26.4	25.7	26.4	25.7	25.9	25.9	26.6	27.1	28.3
82.5°	20.5	20.3	20.6	20.1	20.6	20.3	20.5	20.3	20.6	21.3	21.1
85°	12.3	12.1	11.9	12.1	11.9	12.1	12.3	12.1	11.9	12.1	12.3
87.5°	7.6	7.5	7.6	7.7	7.6	7.5	7.6	7.3	7.4	7.2	7.1
90°	16.5	17.0	17.5	18.0	17.5	17.0	16.5	16.0	15.2	14.4	13.6
92.5°	16.1	16.3	16.6	16.8	16.6	16.3	16.1	15.9	15.2	14.4	13.6
95°	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.2	14.4	13.6
97.5°	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	18.1	22.7	27.5
100°	17.7	17.1	16.4	15.8	16.4	17.1	17.7	18.4	31.1	55.8	80.7
102.5°	128.1	116.7	105.4	94.1	105.4	116.7	128.1	139.4	147.3	152.1	156.7
105°	222.8	222.6	222.4	222.3	222.4	222.6	222.8	222.9	223.0	223.0	223.0
107.5°	281.7	281.1	280.6	280.1	280.6	281.1	281.7	282.2	282.4	282.4	282.4
110°	319.7	319.9	320.1	320.2	320.1	319.9	319.7	319.6	319.7	320.2	320.7



TEST NUMBER: P333644-840

CATALOG NUMBER: S125RDIW-S375D770U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	356.9	356.7	356.4	356.2	356.4	356.7	356.9	357.1	357.5	358.2	358.8
115°	413.0	412.0	411.0	410.0	411.0	412.0	413.0	414.0	414.9	415.6	416.2
117.5°	468.8	468.4	468.0	467.6	468.0	468.4	468.8	469.3	469.9	470.8	471.6
120°	505.3	504.5	503.7	502.8	503.7	504.5	505.3	506.1	506.8	507.1	507.5
122.5°	539.3	538.3	537.3	536.3	537.3	538.3	539.3	540.2	540.9	541.2	541.5
125°	588.9	588.3	587.9	587.4	587.9	588.3	588.9	589.4	590.0	590.7	591.3
127.5°	634.0	632.8	631.6	630.4	631.6	632.8	634.0	635.3	636.1	636.4	636.8
130°	664.0	663.2	662.3	661.5	662.3	663.2	664.0	664.8	665.5	666.0	666.5
132.5°	692.7	691.9	691.1	690.2	691.1	691.9	692.7	693.6	694.0	694.1	694.2
135°	732.6	731.5	730.5	729.5	730.5	731.5	732.6	733.6	734.3	734.6	734.9
137.5°	771.6	770.8	769.9	769.1	769.9	770.8	771.6	772.5	773.0	772.8	772.8
140°	795.4	794.5	793.5	792.4	793.5	794.5	795.4	796.4	796.8	796.4	796.1
142.5°	817.6	816.6	815.6	814.6	815.6	816.6	817.6	818.6	819.0	819.0	818.9
145°	850.0	849.0	848.1	847.1	848.1	849.0	850.0	851.0	851.4	851.3	851.1
147.5°	877.5	876.3	875.0	873.8	875.0	876.3	877.5	878.6	879.1	878.9	878.7
150°	895.1	893.8	892.5	891.2	892.5	893.8	895.1	896.6	897.1	896.7	896.4
152.5°	910.9	909.8	908.6	907.4	908.6	909.8	910.9	912.1	912.6	912.2	911.9
155°	932.6	931.3	930.0	928.6	930.0	931.3	932.6	933.9	934.3	933.8	933.3
157.5°	950.4	949.1	947.8	946.4	947.8	949.1	950.4	951.7	952.1	951.6	951.1
160°	961.8	960.5	959.2	957.8	959.2	960.5	961.8	963.1	963.4	962.8	962.1
162.5°	972.4	970.9	969.5	968.0	969.5	970.9	972.4	973.8	974.1	973.1	972.2
165°	985.7	984.4	983.1	981.7	983.1	984.4	985.7	987.0	987.2	986.2	985.2
167.5°	995.8	994.3	992.8	991.3	992.8	994.3	995.8	997.3	997.4	996.2	995.0
170°	1001.2	999.7	998.2	996.7	998.2	999.7	1001.2	1002.7	1002.8	1001.5	1000.1
172.5°	1004.8	1003.3	1001.8	1000.3	1001.8	1003.3	1004.8	1006.2	1006.4	1005.2	1004.0
175°	1009.5	1007.9	1006.4	1004.9	1006.4	1007.9	1009.5	1010.9	1011.0	1009.7	1008.4
177.5°	1010.8	1009.8	1008.7	1007.6	1008.7	1009.8	1010.8	1011.9	1012.0	1011.0	1010.1
180°	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5



TEST NUMBER: P333644-840

CATALOG NUMBER: S125RDIW-S375D770U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5
2.5°	544.9	546.9	548.1	550.7	554.4	556.3	558.9	560.8	563.4	566.5	569.2
5°	509.6	515.2	519.0	524.8	530.2	535.5	542.3	547.1	553.7	561.2	567.0
7.5°	476.9	483.8	490.1	497.8	506.6	513.5	522.4	531.4	541.6	552.2	562.2
10°	456.0	462.9	470.7	480.2	489.1	498.5	509.0	519.5	532.3	544.1	557.6
12.5°	435.3	443.0	451.6	462.3	473.0	484.9	495.6	507.5	521.3	536.7	551.2
15°	409.5	417.0	426.4	435.5	447.8	460.9	475.0	490.7	506.1	523.4	541.4
17.5°	381.9	390.1	400.4	411.0	423.9	439.3	453.2	470.4	487.7	507.8	529.0
20°	364.1	372.4	384.6	396.2	408.1	423.0	439.6	457.2	475.5	496.8	520.4
22.5°	349.8	355.8	367.8	379.6	393.5	408.9	425.1	443.3	463.4	485.4	510.1
25°	328.8	335.8	344.5	356.8	371.2	387.4	403.6	423.0	444.9	467.4	493.7
27.5°	310.0	315.8	324.4	334.1	348.5	365.2	382.5	402.7	425.3	448.1	475.7
30°	296.8	303.2	311.2	321.5	333.0	351.2	368.9	388.8	411.6	435.2	463.6
32.5°	285.3	291.8	298.8	308.5	320.8	337.0	355.3	374.8	398.0	422.3	450.0
35°	269.0	273.5	280.0	289.6	301.7	314.8	333.5	354.0	376.6	401.8	429.6
37.5°	250.4	256.2	262.7	271.0	281.7	295.8	313.2	334.0	355.0	379.0	404.3
40°	239.6	245.0	252.3	258.3	269.5	282.4	298.2	319.9	340.9	363.6	386.7
42.5°	228.6	233.8	239.9	247.5	257.5	270.0	284.8	305.0	327.5	348.8	368.2
45°	211.4	216.8	222.6	229.6	238.9	251.1	265.8	284.2	303.8	323.5	338.1
47.5°	194.9	200.0	205.5	212.7	221.3	233.0	246.1	262.5	281.4	298.1	308.6
50°	183.2	187.8	193.9	200.9	209.3	220.3	232.9	248.9	264.9	280.0	289.6
52.5°	171.6	176.8	182.9	188.9	197.0	207.9	219.6	233.5	248.6	260.9	268.8
55°	154.2	159.2	164.7	171.1	178.9	188.3	200.7	211.7	223.6	234.1	238.7
57.5°	137.4	141.8	147.0	153.6	160.8	169.5	179.3	189.8	198.1	205.6	210.9
60°	126.4	130.2	135.1	140.7	148.5	156.3	165.2	175.0	181.6	187.8	192.8
62.5°	115.2	118.9	123.5	128.6	135.3	142.7	151.2	159.2	165.5	169.8	175.4
65°	98.5	102.0	105.9	111.3	116.6	122.7	130.5	136.2	140.7	145.4	148.9
67.5°	82.8	85.7	89.5	93.7	98.3	104.1	110.1	114.9	118.0	120.8	124.9
70°	72.6	74.9	78.0	81.2	86.1	91.9	96.6	100.4	102.4	105.2	110.4
72.5°	62.1	64.8	67.7	70.9	74.9	79.8	83.9	87.7	89.0	91.2	94.5
75°	49.0	50.4	52.7	55.0	57.9	62.1	66.0	67.0	68.2	70.0	72.3
77.5°	37.1	38.3	39.3	40.8	43.0	46.4	48.5	49.9	50.2	50.9	53.1
80°	29.4	30.1	31.0	32.2	33.1	36.0	37.1	38.5	39.0	39.7	40.8
82.5°	21.6	22.2	22.8	23.8	25.2	26.5	27.6	29.0	29.1	29.6	29.8
85°	12.6	12.8	12.3	12.8	13.0	13.5	14.7	15.9	15.7	15.5	16.1
87.5°	7.1	6.9	6.5	6.8	6.2	6.2	5.9	5.8	6.0	6.1	6.2
90°	12.8	12.0	10.8	9.7	8.5	7.3	6.1	4.7	3.4	2.1	0.7
92.5°	12.8	12.0	10.9	9.9	8.9	7.9	7.8	8.7	9.7	10.6	11.5
95°	12.8	12.0	18.3	24.6	30.9	37.3	40.7	41.2	41.6	42.1	42.6
97.5°	32.1	36.9	49.3	61.8	74.3	86.8	92.6	91.7	90.9	90.0	89.1
100°	105.4	130.2	129.6	128.9	128.3	127.5	126.9	126.4	125.9	125.4	124.9
102.5°	161.5	166.1	165.7	165.3	164.9	164.5	164.0	163.4	162.8	162.1	161.5
105°	223.0	223.0	223.0	223.0	223.0	223.0	222.7	222.0	221.4	220.7	219.9
107.5°	282.3	282.3	282.0	281.6	281.2	280.9	280.7	280.7	280.7	280.7	280.7
110°	321.2	321.7	321.4	321.1	320.7	320.4	320.2	320.2	320.2	320.2	320.2



TEST NUMBER: P333644-840

CATALOG NUMBER: S125RDIW-S375D770U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	359.4	360.1	359.9	359.7	359.5	359.3	359.0	358.6	358.2	357.8	357.4
115°	416.9	417.6	417.4	417.2	417.1	416.9	416.4	415.6	414.8	413.8	413.0
117.5°	472.5	473.3	472.7	472.1	471.5	470.8	470.5	470.6	470.6	470.6	470.7
120°	507.8	508.1	507.6	507.1	506.5	506.0	505.9	506.0	506.2	506.4	506.5
122.5°	541.9	542.2	542.0	541.7	541.5	541.3	540.9	540.2	539.6	539.0	538.3
125°	592.0	592.6	592.6	592.6	592.6	592.6	592.1	590.9	589.8	588.5	587.4
127.5°	637.1	637.5	637.6	637.7	637.8	637.9	637.5	636.7	635.9	635.1	634.2
130°	666.9	667.4	667.3	667.1	666.9	666.8	666.3	665.5	664.6	663.8	663.0
132.5°	694.3	694.4	694.8	695.1	695.5	695.9	695.6	694.6	693.7	692.7	691.7
135°	735.2	735.6	735.9	736.2	736.6	736.9	736.6	735.6	734.6	733.6	732.6
137.5°	772.7	772.6	773.0	773.3	773.6	773.9	773.6	772.7	771.8	771.0	770.1
140°	795.8	795.4	795.6	795.8	795.9	796.1	796.0	795.7	795.4	795.0	794.7
142.5°	818.8	818.8	818.5	818.3	818.1	817.8	817.6	817.4	817.2	817.0	816.8
145°	850.9	850.8	850.8	850.8	850.8	850.8	850.6	850.3	850.0	849.6	849.3
147.5°	878.5	878.3	878.1	877.9	877.8	877.6	877.5	877.6	877.6	877.7	877.8
150°	896.1	895.6	895.3	895.0	894.6	894.3	894.3	894.6	895.0	895.3	895.6
152.5°	911.6	911.2	910.9	910.6	910.3	909.9	910.1	910.9	911.6	912.3	913.0
155°	932.8	932.3	932.0	931.7	931.4	931.0	931.4	932.3	933.3	934.3	935.3
157.5°	950.6	950.0	950.0	950.0	949.9	949.9	950.2	950.8	951.4	952.0	952.5
160°	961.5	960.8	960.6	960.5	960.3	960.1	960.6	961.5	962.5	963.5	964.5
162.5°	971.3	970.4	970.2	970.1	969.9	969.7	970.1	971.1	972.1	973.1	974.1
165°	984.2	983.2	983.1	982.9	982.7	982.6	983.0	984.0	985.0	985.9	986.9
167.5°	993.8	992.7	992.5	992.3	992.2	992.0	992.4	993.5	994.5	995.5	996.5
170°	998.8	997.4	997.2	997.1	996.9	996.7	997.2	998.5	999.6	1000.8	1002.0
172.5°	1002.8	1001.7	1001.4	1001.1	1000.8	1000.5	1000.9	1002.0	1003.2	1004.4	1005.5
175°	1007.0	1005.7	1005.5	1005.3	1005.2	1005.0	1005.4	1006.4	1007.4	1008.5	1009.5
177.5°	1009.2	1008.2	1008.0	1007.9	1007.8	1007.6	1008.0	1008.9	1009.7	1010.4	1011.2
180°	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5



TEST NUMBER: P333644-840

CATALOG NUMBER: S125RDIW-S375D770U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5
2.5°	571.2	572.9	575.3	578.1	580.4	582.8	584.1	584.1	585.2	587.6	590.9
5°	572.9	579.0	584.7	592.2	598.0	604.8	610.0	614.9	619.2	624.9	630.8
7.5°	572.4	582.5	593.0	604.7	617.7	628.0	638.6	646.9	655.1	665.9	674.3
10°	570.6	583.6	597.8	612.8	629.1	643.3	656.2	667.8	679.0	690.7	701.3
12.5°	567.1	583.8	601.2	619.1	639.7	656.0	672.6	685.0	698.1	710.8	723.8
15°	562.1	581.7	602.7	627.7	652.9	671.1	687.4	703.6	715.7	730.1	742.6
17.5°	551.7	576.9	603.4	630.7	654.9	676.0	693.2	708.5	721.4	737.3	754.2
20°	545.5	572.9	600.4	629.5	652.7	674.4	690.9	706.8	722.9	743.7	764.2
22.5°	536.9	566.1	595.3	623.0	647.4	668.4	685.5	704.9	726.1	749.6	774.5
25°	523.4	553.5	582.4	608.7	632.6	654.1	677.4	703.6	729.2	760.2	796.0
27.5°	506.1	535.2	561.0	588.9	612.5	639.9	668.9	697.3	734.3	777.0	821.5
30°	493.3	520.8	545.3	571.7	598.5	628.6	661.3	694.7	738.8	788.9	841.9
32.5°	478.4	503.3	527.6	553.0	584.0	617.0	651.8	692.6	745.3	802.3	857.2
35°	452.4	474.8	498.5	526.6	559.6	595.5	639.9	689.5	753.3	814.6	863.8
37.5°	425.3	443.0	466.7	496.4	532.3	573.8	624.2	684.6	749.9	805.1	826.0
40°	404.3	420.9	446.0	477.2	512.7	558.2	614.6	676.7	742.6	780.7	779.1
42.5°	383.6	400.4	424.4	456.0	492.9	543.8	602.0	666.4	722.0	736.5	706.2
45°	351.8	367.5	391.1	422.8	462.5	515.9	577.0	638.9	674.4	650.8	590.6
47.5°	319.5	334.7	356.6	387.6	430.9	486.9	544.7	595.4	600.4	549.8	477.6
50°	298.2	312.5	333.3	366.4	408.4	462.9	518.8	558.7	546.2	484.4	410.0
52.5°	277.5	291.1	310.6	341.9	384.9	438.3	488.1	519.5	490.8	425.1	358.1
55°	246.9	259.9	279.5	308.2	347.2	396.2	439.9	451.3	409.3	343.1	288.9
57.5°	217.8	227.4	246.7	272.2	309.7	352.9	384.2	382.1	335.8	276.1	237.2
60°	198.5	207.2	225.6	248.9	284.7	323.5	345.4	336.0	289.1	239.8	202.6
62.5°	180.7	188.7	204.2	225.6	256.3	290.0	306.0	293.1	248.8	205.5	175.8
65°	153.5	159.4	171.8	191.6	215.6	238.9	253.2	234.3	195.1	162.4	140.0
67.5°	128.2	133.2	144.2	158.4	175.0	191.2	196.9	179.3	148.8	126.7	110.9
70°	111.8	116.4	123.9	137.2	148.1	159.6	162.4	146.5	121.1	104.3	94.5
72.5°	96.1	100.4	106.9	116.3	123.9	130.5	131.8	117.0	97.6	86.0	78.5
75°	73.3	77.1	81.2	84.7	89.6	90.8	90.3	78.9	68.4	60.7	56.5
77.5°	53.8	55.4	58.0	59.4	59.6	59.5	57.2	49.9	44.4	41.3	39.6
80°	41.5	42.7	43.4	43.8	44.1	41.8	39.2	34.7	32.9	31.0	29.0
82.5°	30.2	30.9	31.6	31.7	30.5	28.5	26.2	23.9	22.6	21.7	20.9
85°	16.4	16.6	16.4	15.1	13.5	12.8	12.3	11.9	11.7	11.4	11.4
87.5°	6.2	6.0	5.3	5.7	6.0	6.0	6.3	6.3	6.4	6.5	6.7
90°	2.1	3.4	4.7	6.1	7.3	8.5	9.7	10.8	12.0	12.8	13.6
92.5°	10.6	9.7	8.7	7.8	7.9	8.9	9.9	10.9	12.0	12.8	13.6
95°	42.1	41.6	41.2	40.7	37.3	30.9	24.6	18.3	12.0	12.8	13.6
97.5°	90.0	90.9	91.7	92.6	86.8	74.3	61.8	49.3	36.9	32.1	27.5
100°	125.4	125.9	126.4	126.9	127.5	128.3	128.9	129.6	130.2	105.4	80.7
102.5°	162.1	162.8	163.4	164.0	164.5	164.9	165.3	165.7	166.1	161.5	156.7
105°	220.7	221.4	222.0	222.7	223.0	223.0	223.0	223.0	223.0	223.0	223.0
107.5°	280.7	280.7	280.7	280.7	280.9	281.2	281.6	282.0	282.3	282.3	282.4
110°	320.2	320.2	320.2	320.2	320.4	320.7	321.1	321.4	321.7	321.2	320.7





TEST NUMBER: P333644-840

CATALOG NUMBER: S125RDIW-S375D770U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	357.8	358.2	358.6	359.0	359.3	359.5	359.7	359.9	360.1	359.4	358.8
115°	413.8	414.8	415.6	416.4	416.9	417.1	417.2	417.4	417.6	416.9	416.2
117.5°	470.6	470.6	470.6	470.5	470.8	471.5	472.1	472.7	473.3	472.5	471.6
120°	506.4	506.2	506.0	505.9	506.0	506.5	507.1	507.6	508.1	507.8	507.5
122.5°	539.0	539.6	540.2	540.9	541.3	541.5	541.7	542.0	542.2	541.9	541.5
125°	588.5	589.8	590.9	592.1	592.6	592.6	592.6	592.6	592.6	592.0	591.3
127.5°	635.1	635.9	636.7	637.5	637.9	637.8	637.7	637.6	637.5	637.1	636.8
130°	663.8	664.6	665.5	666.3	666.8	666.9	667.1	667.3	667.4	666.9	666.5
132.5°	692.7	693.7	694.6	695.6	695.9	695.5	695.1	694.8	694.4	694.3	694.2
135°	733.6	734.6	735.6	736.6	736.9	736.6	736.2	735.9	735.6	735.2	734.9
137.5°	771.0	771.8	772.7	773.6	773.9	773.6	773.3	773.0	772.6	772.7	772.8
140°	795.0	795.4	795.7	796.0	796.1	795.9	795.8	795.6	795.4	795.8	796.1
142.5°	817.0	817.2	817.4	817.6	817.8	818.1	818.3	818.5	818.8	818.8	818.9
145°	849.6	850.0	850.3	850.6	850.8	850.8	850.8	850.8	850.8	850.9	851.1
147.5°	877.7	877.6	877.6	877.5	877.6	877.8	877.9	878.1	878.3	878.5	878.7
150°	895.3	895.0	894.6	894.3	894.3	894.6	895.0	895.3	895.6	896.1	896.4
152.5°	912.3	911.6	910.9	910.1	909.9	910.3	910.6	910.9	911.2	911.6	911.9
155°	934.3	933.3	932.3	931.4	931.0	931.4	931.7	932.0	932.3	932.8	933.3
157.5°	952.0	951.4	950.8	950.2	949.9	949.9	950.0	950.0	950.0	950.6	951.1
160°	963.5	962.5	961.5	960.6	960.1	960.3	960.5	960.6	960.8	961.5	962.1
162.5°	973.1	972.1	971.1	970.1	969.7	969.9	970.1	970.2	970.4	971.3	972.2
165°	985.9	985.0	984.0	983.0	982.6	982.7	982.9	983.1	983.2	984.2	985.2
167.5°	995.5	994.5	993.5	992.4	992.0	992.2	992.3	992.5	992.7	993.8	995.0
170°	1000.8	999.6	998.5	997.2	996.7	996.9	997.1	997.2	997.4	998.8	1000.1
172.5°	1004.4	1003.2	1002.0	1000.9	1000.5	1000.8	1001.1	1001.4	1001.7	1002.8	1004.0
175°	1008.5	1007.4	1006.4	1005.4	1005.0	1005.2	1005.3	1005.5	1005.7	1007.0	1008.4
177.5°	1010.4	1009.7	1008.9	1008.0	1007.6	1007.8	1007.9	1008.0	1008.2	1009.2	1010.1
180°	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	568.5	568.5	568.5	568.5	568.5	568.5	568.5
2.5°	593.3	593.3	596.4	596.2	598.3	597.5	597.9
5°	637.7	641.7	645.2	647.5	651.1	652.0	651.5
7.5°	683.9	692.7	696.9	702.9	703.9	707.0	706.7
10°	712.4	721.0	727.6	732.7	735.3	738.5	738.8
12.5°	734.8	742.1	747.9	752.7	755.8	756.8	757.4
15°	752.3	760.4	767.2	774.0	778.0	781.0	782.6
17.5°	769.9	782.5	794.5	803.7	809.2	813.9	813.9
20°	783.6	798.0	812.9	823.4	834.2	838.9	839.6
22.5°	798.1	820.2	839.5	855.8	869.9	874.7	876.6
25°	828.4	857.3	887.0	909.8	926.1	935.7	937.2
27.5°	864.9	904.0	935.2	956.3	969.9	977.0	978.6
30°	890.7	926.9	954.8	970.7	977.0	978.0	974.4
32.5°	902.2	929.3	940.5	939.6	927.2	919.0	915.8
35°	888.1	882.5	855.3	822.5	797.6	781.7	777.5
37.5°	808.2	759.9	709.7	660.4	634.1	620.7	597.7
40°	729.4	660.6	608.3	566.8	537.1	513.3	507.8
42.5°	640.6	569.5	517.3	481.7	458.0	441.7	434.5
45°	514.7	453.6	410.4	383.1	365.0	353.0	347.7
47.5°	411.7	364.4	333.0	312.8	298.8	288.5	285.6
50°	355.2	317.3	290.7	273.7	263.2	255.3	252.1
52.5°	308.5	277.9	257.5	243.5	233.6	228.6	225.9
55°	254.6	228.2	213.5	202.3	196.7	192.8	190.9
57.5°	208.2	189.1	178.4	170.7	165.5	163.0	162.1
60°	182.3	167.3	157.5	151.5	147.9	144.7	143.7
62.5°	159.3	147.5	140.0	134.6	131.2	129.8	129.2
65°	128.4	120.7	115.0	111.8	109.0	108.5	108.3
67.5°	102.0	97.5	94.5	91.2	90.2	88.6	88.2
70°	87.3	84.2	80.7	79.6	78.4	76.7	77.1
72.5°	74.0	71.0	68.6	67.1	66.7	65.9	66.6
75°	54.1	53.2	52.3	51.1	50.6	50.6	50.4
77.5°	38.7	37.9	36.9	36.2	36.0	35.0	35.3
80°	28.0	26.9	26.4	26.6	25.9	25.7	25.7
82.5°	20.7	20.3	19.8	19.9	19.7	19.5	19.7
85°	11.4	11.2	11.2	11.0	11.0	10.7	10.7
87.5°	7.0	7.4	7.1	7.1	7.2	7.4	7.7
90°	14.4	15.2	16.0	16.5	17.0	17.5	18.0
92.5°	14.4	15.2	15.9	16.1	16.3	16.6	16.8
95°	14.4	15.2	15.8	15.8	15.8	15.8	15.8
97.5°	22.7	18.1	15.8	15.8	15.8	15.8	15.8
100°	55.8	31.1	18.4	17.7	17.1	16.4	15.8
102.5°	152.1	147.3	139.4	128.1	116.7	105.4	94.1
105°	223.0	223.0	222.9	222.8	222.6	222.4	222.3
107.5°	282.4	282.4	282.2	281.7	281.1	280.6	280.1
110°	320.2	319.7	319.6	319.7	319.9	320.1	320.2



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	358.2	357.5	357.1	356.9	356.7	356.4	356.2
115°	415.6	414.9	414.0	413.0	412.0	411.0	410.0
117.5°	470.8	469.9	469.3	468.8	468.4	468.0	467.6
120°	507.1	506.8	506.1	505.3	504.5	503.7	502.8
122.5°	541.2	540.9	540.2	539.3	538.3	537.3	536.3
125°	590.7	590.0	589.4	588.9	588.3	587.9	587.4
127.5°	636.4	636.1	635.3	634.0	632.8	631.6	630.4
130°	666.0	665.5	664.8	664.0	663.2	662.3	661.5
132.5°	694.1	694.0	693.6	692.7	691.9	691.1	690.2
135°	734.6	734.3	733.6	732.6	731.5	730.5	729.5
137.5°	772.8	773.0	772.5	771.6	770.8	769.9	769.1
140°	796.4	796.8	796.4	795.4	794.5	793.5	792.4
142.5°	819.0	819.0	818.6	817.6	816.6	815.6	814.6
145°	851.3	851.4	851.0	850.0	849.0	848.1	847.1
147.5°	878.9	879.1	878.6	877.5	876.3	875.0	873.8
150°	896.7	897.1	896.6	895.1	893.8	892.5	891.2
152.5°	912.2	912.6	912.1	910.9	909.8	908.6	907.4
155°	933.8	934.3	933.9	932.6	931.3	930.0	928.6
157.5°	951.6	952.1	951.7	950.4	949.1	947.8	946.4
160°	962.8	963.4	963.1	961.8	960.5	959.2	957.8
162.5°	973.1	974.1	973.8	972.4	970.9	969.5	968.0
165°	986.2	987.2	987.0	985.7	984.4	983.1	981.7
167.5°	996.2	997.4	997.3	995.8	994.3	992.8	991.3
170°	1001.5	1002.8	1002.7	1001.2	999.7	998.2	996.7
172.5°	1005.2	1006.4	1006.2	1004.8	1003.3	1001.8	1000.3
175°	1009.7	1011.0	1010.9	1009.5	1007.9	1006.4	1004.9
177.5°	1011.0	1012.0	1011.9	1010.8	1009.8	1008.7	1007.6
180°	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5	1009.5

(END OF REPORT)