

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: P333644-940

Luminaire Tested: **S125RDIW-S375D770U940-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333644-940  
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-S375D770U940-4F0-1E-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: 4039.3 lumens  
Efficiency: N/A  
Efficacy: 132.9 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

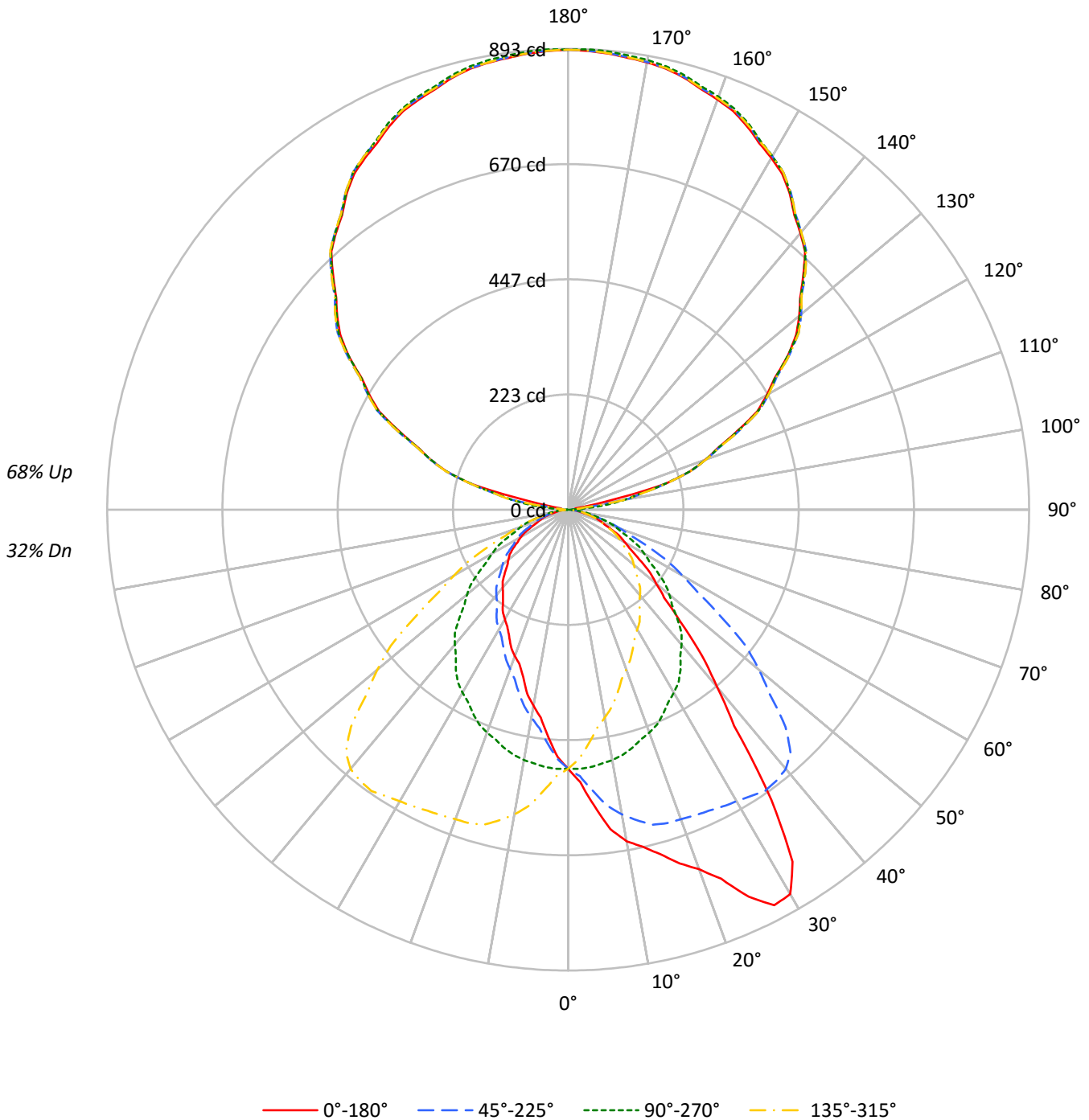
Input Watts (W): 30.4  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	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°	3241	3241	3241	3241
5°	3729	3246	2867	3246
10°	4278	3229	2530	3229
15°	4621	3196	2249	3196
20°	5096	3158	2076	3158
25°	5897	3107	1927	3107
30°	6416	3053	1829	3053
35°	5412	2990	1738	2990
40°	3780	2878	1661	2878
45°	2804	2726	1585	2726
50°	2237	2569	1519	2569
55°	1897	2374	1462	2374
60°	1639	2198	1368	2198
65°	1461	2008	1177	2008
70°	1284	1841	1074	1841
75°	1110	1592	1008	1592
80°	841	1339	841	1339
85°	704	1052	793	1052



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	48.1	1.2
10°-20°	141.1	3.5
20°-30°	223.6	5.5
30°-40°	269.7	6.7
40°-50°	240.9	6.0
50°-60°	184.7	4.6
60°-70°	120.0	3.0
70°-80°	58.3	1.4
80°-90°	15.8	0.4
90°-100°	32.4	0.8
100°-110°	199.6	4.9
110°-120°	362.0	9.0
120°-130°	464.6	11.5
130°-140°	499.8	12.4
140°-150°	469.1	11.6
150°-160°	379.5	9.4
160°-170°	245.4	6.1
170°-180°	84.6	2.1
0°-30°	412.8	10.2
0°-40°	682.5	16.9
0°-60°	1108.1	27.4
0°-90°	1302.2	32.2
90°-120°	594.1	14.7
90°-150°	2027.6	50.2
90°-180°	2737.0	67.8
0°-180°	4039.3	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	502	502	502	502	502	
5°	575	501	442	501	575	57
15°	691	478	336	478	691	198
25°	828	436	270	436	828	380
35°	686	379	220	379	686	415
45°	307	298	174	298	307	245
55°	168	211	130	211	168	153
65°	96	131	77	131	96	95
75°	44	64	40	64	44	47
85°	10	14	11	14	10	11
90°	16	1	16	1	16	7
95°	14	38	14	38	14	11
105°	196	194	196	194	196	177
115°	362	365	362	365	362	359
125°	519	519	519	519	519	461
135°	644	647	644	647	644	497
145°	748	750	748	750	748	467
155°	820	826	820	826	820	378
165°	867	872	867	872	867	245
175°	887	891	887	891	887	84
180°	891	891	891	891	891	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	528.0	527.6	528.3	526.5	526.6	523.9	523.9	521.7	518.9	516.7	515.8
5°	575.2	575.7	574.9	571.8	569.7	566.6	563.1	557.0	551.8	546.8	543.0
7.5°	624.0	624.3	621.5	620.6	615.4	611.6	603.9	595.4	588.0	578.5	571.2
10°	652.4	652.1	649.3	646.9	642.5	636.7	629.0	619.2	609.9	599.6	589.7
12.5°	668.8	668.2	667.4	664.6	660.4	655.3	648.8	639.1	627.7	616.4	604.8
15°	691.1	689.6	687.0	683.4	677.4	671.5	664.3	655.7	644.7	632.0	621.3
17.5°	718.6	718.6	714.5	709.6	701.5	691.0	679.8	665.9	651.0	637.0	625.6
20°	741.4	740.7	736.6	727.1	717.8	704.6	691.9	674.8	656.7	638.3	624.1
22.5°	774.0	772.4	768.1	755.6	741.3	724.2	704.7	683.9	661.9	641.1	622.4
25°	827.5	826.3	817.8	803.3	783.2	757.0	731.5	702.8	671.3	643.9	621.3
27.5°	864.1	862.7	856.4	844.5	825.8	798.3	763.8	725.4	686.1	648.4	615.7
30°	860.4	863.5	862.7	857.1	843.1	818.4	786.5	743.4	696.6	652.4	613.4
32.5°	808.7	811.5	818.7	829.6	830.5	820.6	796.7	756.9	708.5	658.1	611.5
35°	686.5	690.3	704.3	726.3	755.2	779.3	784.2	762.8	719.3	665.1	608.9
37.5°	527.8	548.0	559.9	583.1	626.7	671.0	713.6	729.3	710.9	662.2	604.5
40°	448.4	453.3	474.3	500.5	537.2	583.3	644.1	688.0	689.4	655.7	597.5
42.5°	383.7	390.0	404.4	425.3	456.7	502.8	565.6	623.6	650.3	637.5	588.4
45°	307.0	311.7	322.3	338.3	362.4	400.6	454.5	521.5	574.6	595.5	564.2
47.5°	252.2	254.8	263.9	276.2	294.0	321.7	363.6	421.7	485.4	530.1	525.8
50°	222.6	225.4	232.4	241.7	256.7	280.2	313.6	362.0	427.8	482.3	493.3
52.5°	199.5	201.9	206.3	215.0	227.4	245.4	272.4	316.2	375.3	433.4	458.7
55°	168.5	170.2	173.7	178.6	188.5	201.5	224.8	255.1	302.9	361.4	398.5
57.5°	143.1	143.9	146.2	150.7	157.6	167.0	183.9	209.5	243.8	296.5	337.4
60°	126.9	127.8	130.6	133.8	139.1	147.8	161.0	178.9	211.8	255.3	296.7
62.5°	114.0	114.6	115.8	118.9	123.6	130.3	140.6	155.2	181.5	219.7	258.8
65°	95.6	95.8	96.2	98.7	101.6	106.6	113.3	123.6	143.4	172.3	206.9
67.5°	77.8	78.2	79.6	80.5	83.5	86.1	90.1	97.9	111.9	131.3	158.3
70°	68.0	67.8	69.2	70.3	71.2	74.4	77.0	83.5	92.1	106.9	129.4
72.5°	58.8	58.2	58.9	59.2	60.5	62.7	65.4	69.3	76.0	86.1	103.3
75°	44.5	44.7	44.7	45.1	46.2	47.0	47.8	49.8	53.6	60.4	69.6
77.5°	31.2	30.9	31.7	31.9	32.5	33.4	34.2	35.0	36.5	39.2	44.1
80°	22.6	22.6	22.8	23.5	23.3	23.7	24.7	25.6	27.4	29.1	30.7
82.5°	17.4	17.2	17.4	17.6	17.5	17.9	18.3	18.5	19.2	20.0	21.1
85°	9.5	9.5	9.7	9.7	9.9	9.9	10.1	10.1	10.1	10.3	10.5
87.5°	6.8	6.5	6.3	6.2	6.2	6.5	6.2	5.9	5.7	5.6	5.5
90°	15.9	15.4	15.0	14.5	14.1	13.5	12.8	12.0	11.3	10.6	9.5
92.5°	14.8	14.6	14.4	14.2	14.0	13.5	12.8	12.0	11.3	10.6	9.6
95°	13.9	13.9	13.9	13.9	13.9	13.5	12.8	12.0	11.3	10.6	16.1
97.5°	13.9	13.9	13.9	13.9	13.9	16.0	20.1	24.3	28.4	32.5	43.5
100°	13.9	14.4	15.1	15.6	16.2	27.5	49.3	71.2	93.1	114.9	114.4
102.5°	83.1	93.1	103.1	113.1	123.1	130.1	134.3	138.4	142.6	146.7	146.3
105°	196.3	196.4	196.5	196.7	196.8	196.9	196.9	196.9	196.9	196.9	196.9
107.5°	247.4	247.8	248.3	248.7	249.1	249.3	249.3	249.3	249.2	249.2	249.0
110°	282.8	282.7	282.5	282.3	282.2	282.3	282.8	283.2	283.7	284.1	283.8



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	314.5	314.7	315.0	315.1	315.3	315.7	316.3	316.8	317.4	318.0	317.8
115°	362.0	362.9	363.8	364.7	365.6	366.3	366.9	367.5	368.1	368.7	368.5
117.5°	412.9	413.2	413.6	413.9	414.4	414.9	415.7	416.4	417.2	417.9	417.4
120°	444.0	444.8	445.5	446.2	446.9	447.5	447.7	448.1	448.4	448.6	448.2
122.5°	473.6	474.5	475.3	476.2	477.0	477.6	477.9	478.1	478.5	478.8	478.6
125°	518.7	519.2	519.5	520.0	520.4	520.9	521.6	522.1	522.7	523.3	523.3
127.5°	556.6	557.7	558.7	559.8	561.0	561.7	562.0	562.3	562.6	562.9	563.0
130°	584.1	584.8	585.6	586.3	587.0	587.6	588.1	588.5	588.9	589.3	589.2
132.5°	609.5	610.2	610.9	611.6	612.4	612.8	612.9	613.0	613.1	613.1	613.5
135°	644.2	645.1	646.0	646.8	647.7	648.4	648.6	648.9	649.2	649.5	649.8
137.5°	679.1	679.8	680.6	681.4	682.2	682.5	682.4	682.4	682.3	682.2	682.5
140°	699.7	700.6	701.5	702.3	703.2	703.6	703.2	702.9	702.7	702.3	702.5
142.5°	719.3	720.1	721.0	721.9	722.8	723.2	723.2	723.1	723.0	723.0	722.7
145°	748.0	748.9	749.7	750.6	751.4	751.8	751.7	751.5	751.4	751.3	751.3
147.5°	771.6	772.7	773.7	774.8	775.8	776.2	776.1	775.9	775.7	775.5	775.3
150°	786.9	788.1	789.3	790.4	791.7	792.1	791.8	791.5	791.2	790.9	790.6
152.5°	801.2	802.3	803.3	804.3	805.4	805.8	805.5	805.2	804.9	804.6	804.3
155°	819.9	821.2	822.3	823.5	824.7	825.0	824.6	824.1	823.7	823.2	823.0
157.5°	835.7	836.9	838.0	839.2	840.3	840.7	840.3	839.8	839.4	838.8	838.8
160°	845.7	846.9	848.1	849.3	850.4	850.7	850.2	849.5	849.0	848.4	848.2
162.5°	854.7	856.0	857.3	858.6	859.9	860.1	859.3	858.4	857.6	856.8	856.7
165°	866.8	868.1	869.2	870.4	871.6	871.7	870.8	870.0	869.1	868.2	868.1
167.5°	875.3	876.6	878.0	879.3	880.7	880.7	879.7	878.6	877.5	876.6	876.4
170°	880.1	881.4	882.7	884.0	885.4	885.5	884.3	883.1	881.9	880.7	880.6
172.5°	883.2	884.6	885.9	887.3	888.5	888.7	887.6	886.5	885.5	884.5	884.2
175°	887.3	888.7	890.0	891.4	892.6	892.7	891.5	890.4	889.2	888.1	887.9
177.5°	889.7	890.6	891.6	892.5	893.5	893.6	892.7	891.9	891.1	890.3	890.1
180°	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4



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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	515.8	514.6	512.5	510.5	508.0	505.9	504.4	502.6	500.2	497.5	495.2
5°	538.6	534.0	528.1	522.9	516.3	511.2	505.9	500.7	495.5	488.9	483.1
7.5°	563.9	554.6	545.5	534.0	523.6	514.3	505.4	496.4	487.6	478.2	469.2
10°	579.4	568.0	555.5	541.1	527.9	515.3	503.8	492.4	480.5	470.0	458.7
12.5°	593.9	579.3	564.9	546.7	530.8	515.5	500.8	486.7	473.9	460.3	448.1
15°	607.0	592.5	576.5	554.3	532.2	513.6	496.3	478.0	462.2	446.9	433.3
17.5°	612.1	596.9	578.3	556.9	532.8	509.4	487.1	467.1	448.4	430.6	415.4
20°	610.1	595.5	576.3	555.9	530.1	505.9	481.7	459.5	438.6	419.9	403.7
22.5°	605.3	590.2	571.7	550.1	525.7	499.9	474.1	450.4	428.6	409.2	391.5
25°	598.2	577.6	558.6	537.5	514.2	488.7	462.2	436.0	412.7	392.9	373.5
27.5°	590.7	565.0	540.8	520.0	495.3	472.6	446.9	420.1	395.7	375.5	355.6
30°	583.9	555.1	528.5	504.8	481.5	459.9	435.6	409.4	384.2	363.5	343.3
32.5°	575.5	544.8	515.7	488.3	465.8	444.4	422.4	397.3	372.9	351.4	330.9
35°	565.0	525.8	494.1	465.0	440.1	419.3	399.5	379.3	354.8	332.5	312.5
37.5°	551.2	506.7	470.0	438.4	412.1	391.2	375.5	357.0	334.7	313.4	294.9
40°	542.7	492.8	452.7	421.3	393.8	371.7	357.0	341.4	321.0	301.0	282.5
42.5°	531.5	480.2	435.2	402.6	374.8	353.6	338.8	325.1	308.0	289.2	269.3
45°	509.5	455.6	408.4	373.4	345.4	324.5	310.7	298.5	285.6	268.2	250.9
47.5°	481.0	429.9	380.5	342.2	314.9	295.5	282.1	272.5	263.2	248.5	231.8
50°	458.1	408.8	360.6	323.5	294.3	275.9	263.3	255.7	247.3	233.9	219.8
52.5°	431.0	387.0	339.8	301.9	274.3	257.1	245.0	237.4	230.4	219.5	206.2
55°	388.4	349.8	306.6	272.2	246.8	229.5	218.0	210.8	206.7	197.4	186.9
57.5°	339.2	311.7	273.5	240.3	217.8	200.8	192.3	186.2	181.6	175.0	167.6
60°	305.0	285.6	251.4	219.8	199.2	183.0	175.3	170.2	165.9	160.3	154.5
62.5°	270.2	256.1	226.3	199.2	180.3	166.7	159.5	154.9	149.9	146.2	140.5
65°	223.6	211.0	190.4	169.2	151.7	140.7	135.5	131.4	128.4	124.2	120.3
67.5°	173.9	168.8	154.5	139.9	127.3	117.6	113.2	110.3	106.6	104.2	101.5
70°	143.4	140.9	130.8	121.2	109.4	102.8	98.7	97.5	92.9	90.4	88.6
72.5°	116.4	115.2	109.4	102.7	94.4	88.6	84.9	83.5	80.5	78.6	77.4
75°	79.7	80.2	79.1	74.8	71.7	68.0	64.7	63.8	61.8	60.2	59.1
77.5°	50.5	52.5	52.6	52.4	51.2	49.0	47.5	46.9	44.9	44.3	44.1
80°	34.6	36.9	39.0	38.7	38.3	37.7	36.6	36.0	35.0	34.4	34.0
82.5°	23.1	25.1	26.9	28.0	27.9	27.3	26.7	26.3	26.1	25.7	25.6
85°	10.9	11.3	11.9	13.4	14.4	14.6	14.4	14.2	13.6	13.8	14.0
87.5°	5.5	5.3	5.3	5.0	4.6	5.3	5.4	5.4	5.4	5.3	5.1
90°	8.6	7.5	6.4	5.4	4.2	3.0	1.9	0.6	1.9	3.0	4.2
92.5°	8.7	7.8	7.0	6.9	7.7	8.6	9.4	10.2	9.4	8.6	7.7
95°	21.8	27.3	32.9	35.9	36.4	36.7	37.2	37.6	37.2	36.7	36.4
97.5°	54.6	65.6	76.7	81.8	81.0	80.3	79.5	78.6	79.5	80.3	81.0
100°	113.8	113.2	112.6	112.1	111.6	111.2	110.8	110.3	110.8	111.2	111.6
102.5°	146.0	145.6	145.3	144.8	144.3	143.7	143.1	142.6	143.1	143.7	144.3
105°	196.9	196.9	196.9	196.6	196.0	195.5	194.8	194.2	194.8	195.5	196.0
107.5°	248.6	248.3	248.1	247.9	247.9	247.9	247.9	247.9	247.9	247.9	247.9
110°	283.6	283.2	282.9	282.8	282.8	282.8	282.8	282.8	282.8	282.8	282.8





TEST NUMBER: P333644-940

CATALOG NUMBER: S125RDIW-S375D770U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	317.6	317.4	317.3	317.0	316.6	316.3	315.9	315.6	315.9	316.3	316.6
115°	368.4	368.3	368.1	367.7	366.9	366.2	365.4	364.7	365.4	366.2	366.9
117.5°	416.9	416.3	415.7	415.4	415.5	415.5	415.5	415.6	415.5	415.5	415.5
120°	447.7	447.3	446.8	446.7	446.8	447.0	447.2	447.3	447.2	447.0	446.8
122.5°	478.3	478.1	478.0	477.6	477.0	476.4	475.9	475.3	475.9	476.4	477.0
125°	523.3	523.3	523.3	522.8	521.7	520.8	519.7	518.7	519.7	520.8	521.7
127.5°	563.1	563.2	563.3	562.9	562.2	561.5	560.8	560.0	560.8	561.5	562.2
130°	589.1	588.9	588.8	588.4	587.6	586.8	586.1	585.4	586.1	586.8	587.6
132.5°	613.8	614.1	614.5	614.2	613.3	612.5	611.6	610.7	611.6	612.5	613.3
135°	650.1	650.4	650.7	650.4	649.5	648.6	647.7	646.8	647.7	648.6	649.5
137.5°	682.8	683.1	683.3	683.1	682.3	681.5	680.8	680.0	680.8	681.5	682.3
140°	702.7	702.8	702.9	702.8	702.6	702.3	702.0	701.7	702.0	702.3	702.6
142.5°	722.6	722.4	722.1	721.9	721.8	721.6	721.4	721.2	721.4	721.6	721.8
145°	751.3	751.3	751.3	751.1	750.8	750.6	750.2	749.9	750.2	750.6	750.8
147.5°	775.2	775.1	774.9	774.8	774.9	774.9	775.0	775.1	775.0	774.9	774.9
150°	790.3	790.0	789.7	789.7	790.0	790.3	790.6	790.9	790.6	790.3	790.0
152.5°	804.1	803.8	803.4	803.6	804.3	804.9	805.6	806.2	805.6	804.9	804.3
155°	822.7	822.4	822.1	822.4	823.2	824.1	825.0	825.9	825.0	824.1	823.2
157.5°	838.8	838.7	838.7	839.0	839.5	840.1	840.6	841.1	840.6	840.1	839.5
160°	848.1	847.9	847.7	848.2	849.0	849.9	850.8	851.7	850.8	849.9	849.0
162.5°	856.6	856.4	856.2	856.6	857.5	858.4	859.3	860.1	859.3	858.4	857.5
165°	867.9	867.7	867.6	868.0	868.9	869.8	870.6	871.5	870.6	869.8	868.9
167.5°	876.2	876.1	875.9	876.3	877.3	878.2	879.0	879.9	879.0	878.2	877.3
170°	880.5	880.3	880.1	880.6	881.6	882.6	883.7	884.8	883.7	882.6	881.6
172.5°	884.0	883.7	883.4	883.8	884.8	885.8	886.9	887.9	886.9	885.8	884.8
175°	887.7	887.6	887.4	887.8	888.7	889.6	890.5	891.4	890.5	889.6	888.7
177.5°	890.0	889.9	889.7	890.1	890.8	891.5	892.2	892.9	892.2	891.5	890.8
180°	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4



TEST NUMBER: P333644-940

CATALOG NUMBER: S125RDIW-S375D770U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	493.5	491.2	489.5	486.2	483.9	483.0	481.2	480.6	482.5	481.2	481.0
5°	478.8	472.9	468.1	463.4	458.3	455.0	450.0	449.2	447.9	446.1	445.7
7.5°	461.3	453.4	447.4	439.5	432.7	427.2	421.1	418.1	416.5	414.1	410.9
10°	449.4	440.1	431.9	424.0	415.6	408.8	402.6	397.9	394.8	391.9	390.7
12.5°	437.7	428.2	417.7	408.2	398.8	391.2	384.3	381.2	377.8	374.4	371.6
15°	419.5	407.0	395.4	384.5	376.5	368.2	361.6	357.0	352.0	350.4	344.9
17.5°	400.2	387.9	374.3	362.9	353.6	344.5	337.2	332.1	328.2	322.9	320.4
20°	388.2	373.5	360.3	349.8	339.6	328.9	321.5	317.1	313.4	309.1	307.0
22.5°	375.3	361.1	347.5	335.2	324.8	314.1	308.9	304.4	300.2	296.2	293.5
25°	356.4	342.1	327.8	315.0	304.2	296.5	290.3	285.2	282.9	279.0	276.1
27.5°	337.8	322.4	307.7	295.0	286.4	278.8	273.8	269.7	265.6	262.3	259.7
30°	325.7	310.1	294.0	283.9	274.8	267.7	262.1	258.2	255.1	252.0	250.1
32.5°	313.7	297.6	283.3	272.4	263.9	257.6	251.9	248.1	244.9	241.5	239.2
35°	294.4	277.9	266.4	255.7	247.3	241.5	237.6	232.2	229.5	227.0	224.8
37.5°	276.5	261.2	248.7	239.3	231.9	226.2	221.1	218.3	215.0	212.8	210.9
40°	263.3	249.3	238.0	228.1	222.7	216.3	211.6	207.9	205.5	202.5	200.5
42.5°	251.5	238.4	227.4	218.6	211.9	206.4	201.9	198.1	195.0	193.0	191.3
45°	234.7	221.7	211.0	202.8	196.5	191.5	186.6	184.9	180.7	178.3	177.4
47.5°	217.3	205.7	195.4	187.8	181.5	176.6	172.1	168.4	166.0	163.6	162.3
50°	205.6	194.5	184.9	177.4	171.2	165.9	161.8	159.3	156.1	153.9	152.3
52.5°	193.9	183.6	174.0	166.8	161.5	156.1	151.5	149.1	146.2	144.7	143.6
55°	177.2	166.3	158.0	151.1	145.4	140.5	136.2	133.8	131.9	130.5	130.0
57.5°	158.3	149.6	142.0	135.6	129.8	125.2	121.4	119.0	117.4	117.2	115.9
60°	145.9	138.0	131.1	124.2	119.3	114.9	111.6	109.0	107.4	107.2	106.7
62.5°	133.5	126.0	119.5	113.5	109.1	105.0	101.7	98.8	97.8	96.8	95.9
65°	115.2	108.3	103.0	98.3	93.5	90.1	86.9	85.1	82.8	81.6	79.4
67.5°	97.2	91.9	86.8	82.8	79.0	75.7	73.1	70.4	68.8	67.9	66.3
70°	85.3	81.1	76.1	71.7	68.8	66.2	64.1	61.0	59.9	59.1	58.3
72.5°	74.1	70.4	66.2	62.6	59.7	57.2	54.8	53.4	52.3	51.5	51.1
75°	58.3	54.8	51.1	48.6	46.5	44.5	43.2	42.3	41.8	41.6	40.8
77.5°	42.8	40.9	38.0	36.0	34.7	33.8	32.7	32.2	32.1	31.2	30.9
80°	32.7	31.7	29.2	28.4	27.4	26.6	25.9	25.0	23.9	23.5	22.8
82.5°	24.3	23.4	22.3	21.0	20.2	19.6	19.1	18.6	18.8	18.2	17.9
85°	13.0	11.9	11.5	11.3	10.9	11.3	11.1	10.9	10.7	10.5	10.7
87.5°	5.2	5.4	5.4	6.0	5.7	6.1	6.2	6.2	6.3	6.5	6.4
90°	5.4	6.4	7.5	8.6	9.5	10.6	11.3	12.0	12.8	13.5	14.1
92.5°	6.9	7.0	7.8	8.7	9.6	10.6	11.3	12.0	12.8	13.5	14.0
95°	35.9	32.9	27.3	21.8	16.1	10.6	11.3	12.0	12.8	13.5	13.9
97.5°	81.8	76.7	65.6	54.6	43.5	32.5	28.4	24.3	20.1	16.0	13.9
100°	112.1	112.6	113.2	113.8	114.4	114.9	93.1	71.2	49.3	27.5	16.2
102.5°	144.8	145.3	145.6	146.0	146.3	146.7	142.6	138.4	134.3	130.1	123.1
105°	196.6	196.9	196.9	196.9	196.9	196.9	196.9	196.9	196.9	196.9	196.8
107.5°	247.9	248.1	248.3	248.6	249.0	249.2	249.2	249.3	249.3	249.3	249.1
110°	282.8	282.9	283.2	283.6	283.8	284.1	283.7	283.2	282.8	282.3	282.2



TEST NUMBER: P333644-940

CATALOG NUMBER: S125RDIW-S375D770U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	317.0	317.3	317.4	317.6	317.8	318.0	317.4	316.8	316.3	315.7	315.3
115°	367.7	368.1	368.3	368.4	368.5	368.7	368.1	367.5	366.9	366.3	365.6
117.5°	415.4	415.7	416.3	416.9	417.4	417.9	417.2	416.4	415.7	414.9	414.4
120°	446.7	446.8	447.3	447.7	448.2	448.6	448.4	448.1	447.7	447.5	446.9
122.5°	477.6	478.0	478.1	478.3	478.6	478.8	478.5	478.1	477.9	477.6	477.0
125°	522.8	523.3	523.3	523.3	523.3	523.3	522.7	522.1	521.6	520.9	520.4
127.5°	562.9	563.3	563.2	563.1	563.0	562.9	562.6	562.3	562.0	561.7	561.0
130°	588.4	588.8	588.9	589.1	589.2	589.3	588.9	588.5	588.1	587.6	587.0
132.5°	614.2	614.5	614.1	613.8	613.5	613.1	613.1	613.0	612.9	612.8	612.4
135°	650.4	650.7	650.4	650.1	649.8	649.5	649.2	648.9	648.6	648.4	647.7
137.5°	683.1	683.3	683.1	682.8	682.5	682.2	682.3	682.4	682.4	682.5	682.2
140°	702.8	702.9	702.8	702.7	702.5	702.3	702.7	702.9	703.2	703.6	703.2
142.5°	721.9	722.1	722.4	722.6	722.7	723.0	723.0	723.1	723.2	723.2	722.8
145°	751.1	751.3	751.3	751.3	751.3	751.3	751.4	751.5	751.7	751.8	751.4
147.5°	774.8	774.9	775.1	775.2	775.3	775.5	775.7	775.9	776.1	776.2	775.8
150°	789.7	789.7	790.0	790.3	790.6	790.9	791.2	791.5	791.8	792.1	791.7
152.5°	803.6	803.4	803.8	804.1	804.3	804.6	804.9	805.2	805.5	805.8	805.4
155°	822.4	822.1	822.4	822.7	823.0	823.2	823.7	824.1	824.6	825.0	824.7
157.5°	839.0	838.7	838.7	838.8	838.8	838.8	839.4	839.8	840.3	840.7	840.3
160°	848.2	847.7	847.9	848.1	848.2	848.4	849.0	849.5	850.2	850.7	850.4
162.5°	856.6	856.2	856.4	856.6	856.7	856.8	857.6	858.4	859.3	860.1	859.9
165°	868.0	867.6	867.7	867.9	868.1	868.2	869.1	870.0	870.8	871.7	871.6
167.5°	876.3	875.9	876.1	876.2	876.4	876.6	877.5	878.6	879.7	880.7	880.7
170°	880.6	880.1	880.3	880.5	880.6	880.7	881.9	883.1	884.3	885.5	885.4
172.5°	883.8	883.4	883.7	884.0	884.2	884.5	885.5	886.5	887.6	888.7	888.5
175°	887.8	887.4	887.6	887.7	887.9	888.1	889.2	890.4	891.5	892.7	892.6
177.5°	890.1	889.7	889.9	890.0	890.1	890.3	891.1	891.9	892.7	893.6	893.5
180°	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4



TEST NUMBER: P333644-940

CATALOG NUMBER: S125RDIW-S375D770U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	480.8	479.0	478.5	479.2	478.5	479.0	480.8	481.0	481.2	482.5	480.6
5°	443.6	441.6	442.6	442.2	442.6	441.6	443.6	445.7	446.1	447.9	449.2
7.5°	410.9	408.3	405.6	406.4	405.6	408.3	410.9	410.9	414.1	416.5	418.1
10°	388.0	385.9	384.7	385.8	384.7	385.9	388.0	390.7	391.9	394.8	397.9
12.5°	368.7	367.5	366.4	366.0	366.4	367.5	368.7	371.6	374.4	377.8	381.2
15°	342.4	340.0	338.9	336.3	338.9	340.0	342.4	344.9	350.4	352.0	357.0
17.5°	318.3	317.4	314.8	313.6	314.8	317.4	318.3	320.4	322.9	328.2	332.1
20°	303.9	303.1	300.4	302.0	300.4	303.1	303.9	307.0	309.1	313.4	317.1
22.5°	292.0	290.3	289.4	288.9	289.4	290.3	292.0	293.5	296.2	300.2	304.4
25°	275.3	272.6	271.5	270.4	271.5	272.6	275.3	276.1	279.0	282.9	285.2
27.5°	258.5	257.1	255.7	255.4	255.7	257.1	258.5	259.7	262.3	265.6	269.7
30°	247.6	246.2	245.2	245.2	245.2	246.2	247.6	250.1	252.0	255.1	258.2
32.5°	237.9	236.8	235.8	235.6	235.8	236.8	237.9	239.2	241.5	244.9	248.1
35°	223.7	222.1	221.7	220.4	221.7	222.1	223.7	224.8	227.0	229.5	232.2
37.5°	209.0	207.7	207.7	207.5	207.7	207.7	209.0	210.9	212.8	215.0	218.3
40°	199.7	198.6	198.4	197.0	198.4	198.6	199.7	200.5	202.5	205.5	207.9
42.5°	189.6	189.0	188.3	187.7	188.3	189.0	189.6	191.3	193.0	195.0	198.1
45°	175.9	174.5	174.5	173.5	174.5	174.5	175.9	177.4	178.3	180.7	184.9
47.5°	161.8	160.8	160.9	159.8	160.9	160.8	161.8	162.3	163.6	166.0	168.4
50°	152.5	151.9	151.7	151.2	151.7	151.9	152.5	152.3	153.9	156.1	159.3
52.5°	143.1	142.8	143.6	142.7	143.6	142.8	143.1	143.6	144.7	146.2	149.1
55°	130.5	129.8	131.1	129.8	131.1	129.8	130.5	130.0	130.5	131.9	133.8
57.5°	115.9	115.3	116.5	115.8	116.5	115.3	115.9	115.9	117.2	117.4	119.0
60°	106.3	105.0	105.7	105.9	105.7	105.0	106.3	106.7	107.2	107.4	109.0
62.5°	95.0	94.2	94.7	93.7	94.7	94.2	95.0	95.9	96.8	97.8	98.8
65°	78.9	78.3	77.5	77.0	77.5	78.3	78.9	79.4	81.6	82.8	85.1
67.5°	66.3	64.8	64.7	65.1	64.7	64.8	66.3	66.3	67.9	68.8	70.4
70°	57.1	57.1	56.9	56.9	56.9	57.1	57.1	58.3	59.1	59.9	61.0
72.5°	50.6	50.5	50.1	49.9	50.1	50.5	50.6	51.1	51.5	52.3	53.4
75°	40.8	41.0	40.6	40.4	40.6	41.0	40.8	40.8	41.6	41.8	42.3
77.5°	30.1	29.2	29.7	29.2	29.7	29.2	30.1	30.9	31.2	32.1	32.2
80°	22.8	22.6	23.3	22.6	23.3	22.6	22.8	22.8	23.5	23.9	25.0
82.5°	18.1	17.9	18.2	17.7	18.2	17.9	18.1	17.9	18.2	18.8	18.6
85°	10.9	10.7	10.5	10.7	10.5	10.7	10.9	10.7	10.5	10.7	10.9
87.5°	6.7	6.6	6.7	6.8	6.7	6.6	6.7	6.4	6.5	6.3	6.2
90°	14.5	15.0	15.4	15.9	15.4	15.0	14.5	14.1	13.5	12.8	12.0
92.5°	14.2	14.4	14.6	14.8	14.6	14.4	14.2	14.0	13.5	12.8	12.0
95°	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.5	12.8	12.0
97.5°	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	16.0	20.1	24.3
100°	15.6	15.1	14.4	13.9	14.4	15.1	15.6	16.2	27.5	49.3	71.2
102.5°	113.1	103.1	93.1	83.1	93.1	103.1	113.1	123.1	130.1	134.3	138.4
105°	196.7	196.5	196.4	196.3	196.4	196.5	196.7	196.8	196.9	196.9	196.9
107.5°	248.7	248.3	247.8	247.4	247.8	248.3	248.7	249.1	249.3	249.3	249.3
110°	282.3	282.5	282.7	282.8	282.7	282.5	282.3	282.2	282.3	282.8	283.2



TEST NUMBER: P333644-940

CATALOG NUMBER: S125RDIW-S375D770U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	315.1	315.0	314.7	314.5	314.7	315.0	315.1	315.3	315.7	316.3	316.8
115°	364.7	363.8	362.9	362.0	362.9	363.8	364.7	365.6	366.3	366.9	367.5
117.5°	413.9	413.6	413.2	412.9	413.2	413.6	413.9	414.4	414.9	415.7	416.4
120°	446.2	445.5	444.8	444.0	444.8	445.5	446.2	446.9	447.5	447.7	448.1
122.5°	476.2	475.3	474.5	473.6	474.5	475.3	476.2	477.0	477.6	477.9	478.1
125°	520.0	519.5	519.2	518.7	519.2	519.5	520.0	520.4	520.9	521.6	522.1
127.5°	559.8	558.7	557.7	556.6	557.7	558.7	559.8	561.0	561.7	562.0	562.3
130°	586.3	585.6	584.8	584.1	584.8	585.6	586.3	587.0	587.6	588.1	588.5
132.5°	611.6	610.9	610.2	609.5	610.2	610.9	611.6	612.4	612.8	612.9	613.0
135°	646.8	646.0	645.1	644.2	645.1	646.0	646.8	647.7	648.4	648.6	648.9
137.5°	681.4	680.6	679.8	679.1	679.8	680.6	681.4	682.2	682.5	682.4	682.4
140°	702.3	701.5	700.6	699.7	700.6	701.5	702.3	703.2	703.6	703.2	702.9
142.5°	721.9	721.0	720.1	719.3	720.1	721.0	721.9	722.8	723.2	723.2	723.1
145°	750.6	749.7	748.9	748.0	748.9	749.7	750.6	751.4	751.8	751.7	751.5
147.5°	774.8	773.7	772.7	771.6	772.7	773.7	774.8	775.8	776.2	776.1	775.9
150°	790.4	789.3	788.1	786.9	788.1	789.3	790.4	791.7	792.1	791.8	791.5
152.5°	804.3	803.3	802.3	801.2	802.3	803.3	804.3	805.4	805.8	805.5	805.2
155°	823.5	822.3	821.2	819.9	821.2	822.3	823.5	824.7	825.0	824.6	824.1
157.5°	839.2	838.0	836.9	835.7	836.9	838.0	839.2	840.3	840.7	840.3	839.8
160°	849.3	848.1	846.9	845.7	846.9	848.1	849.3	850.4	850.7	850.2	849.5
162.5°	858.6	857.3	856.0	854.7	856.0	857.3	858.6	859.9	860.1	859.3	858.4
165°	870.4	869.2	868.1	866.8	868.1	869.2	870.4	871.6	871.7	870.8	870.0
167.5°	879.3	878.0	876.6	875.3	876.6	878.0	879.3	880.7	880.7	879.7	878.6
170°	884.0	882.7	881.4	880.1	881.4	882.7	884.0	885.4	885.5	884.3	883.1
172.5°	887.3	885.9	884.6	883.2	884.6	885.9	887.3	888.5	888.7	887.6	886.5
175°	891.4	890.0	888.7	887.3	888.7	890.0	891.4	892.6	892.7	891.5	890.4
177.5°	892.5	891.6	890.6	889.7	890.6	891.6	892.5	893.5	893.6	892.7	891.9
180°	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4



TEST NUMBER: P333644-940

CATALOG NUMBER: S125RDIW-S375D770U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	481.2	483.0	483.9	486.2	489.5	491.2	493.5	495.2	497.5	500.2	502.6
5°	450.0	455.0	458.3	463.4	468.1	472.9	478.8	483.1	488.9	495.5	500.7
7.5°	421.1	427.2	432.7	439.5	447.4	453.4	461.3	469.2	478.2	487.6	496.4
10°	402.6	408.8	415.6	424.0	431.9	440.1	449.4	458.7	470.0	480.5	492.4
12.5°	384.3	391.2	398.8	408.2	417.7	428.2	437.7	448.1	460.3	473.9	486.7
15°	361.6	368.2	376.5	384.5	395.4	407.0	419.5	433.3	446.9	462.2	478.0
17.5°	337.2	344.5	353.6	362.9	374.3	387.9	400.2	415.4	430.6	448.4	467.1
20°	321.5	328.9	339.6	349.8	360.3	373.5	388.2	403.7	419.9	438.6	459.5
22.5°	308.9	314.1	324.8	335.2	347.5	361.1	375.3	391.5	409.2	428.6	450.4
25°	290.3	296.5	304.2	315.0	327.8	342.1	356.4	373.5	392.9	412.7	436.0
27.5°	273.8	278.8	286.4	295.0	307.7	322.4	337.8	355.6	375.5	395.7	420.1
30°	262.1	267.7	274.8	283.9	294.0	310.1	325.7	343.3	363.5	384.2	409.4
32.5°	251.9	257.6	263.9	272.4	283.3	297.6	313.7	330.9	351.4	372.9	397.3
35°	237.6	241.5	247.3	255.7	266.4	277.9	294.4	312.5	332.5	354.8	379.3
37.5°	221.1	226.2	231.9	239.3	248.7	261.2	276.5	294.9	313.4	334.7	357.0
40°	211.6	216.3	222.7	228.1	238.0	249.3	263.3	282.5	301.0	321.0	341.4
42.5°	201.9	206.4	211.9	218.6	227.4	238.4	251.5	269.3	289.2	308.0	325.1
45°	186.6	191.5	196.5	202.8	211.0	221.7	234.7	250.9	268.2	285.6	298.5
47.5°	172.1	176.6	181.5	187.8	195.4	205.7	217.3	231.8	248.5	263.2	272.5
50°	161.8	165.9	171.2	177.4	184.9	194.5	205.6	219.8	233.9	247.3	255.7
52.5°	151.5	156.1	161.5	166.8	174.0	183.6	193.9	206.2	219.5	230.4	237.4
55°	136.2	140.5	145.4	151.1	158.0	166.3	177.2	186.9	197.4	206.7	210.8
57.5°	121.4	125.2	129.8	135.6	142.0	149.6	158.3	167.6	175.0	181.6	186.2
60°	111.6	114.9	119.3	124.2	131.1	138.0	145.9	154.5	160.3	165.9	170.2
62.5°	101.7	105.0	109.1	113.5	119.5	126.0	133.5	140.5	146.2	149.9	154.9
65°	86.9	90.1	93.5	98.3	103.0	108.3	115.2	120.3	124.2	128.4	131.4
67.5°	73.1	75.7	79.0	82.8	86.8	91.9	97.2	101.5	104.2	106.6	110.3
70°	64.1	66.2	68.8	71.7	76.1	81.1	85.3	88.6	90.4	92.9	97.5
72.5°	54.8	57.2	59.7	62.6	66.2	70.4	74.1	77.4	78.6	80.5	83.5
75°	43.2	44.5	46.5	48.6	51.1	54.8	58.3	59.1	60.2	61.8	63.8
77.5°	32.7	33.8	34.7	36.0	38.0	40.9	42.8	44.1	44.3	44.9	46.9
80°	25.9	26.6	27.4	28.4	29.2	31.7	32.7	34.0	34.4	35.0	36.0
82.5°	19.1	19.6	20.2	21.0	22.3	23.4	24.3	25.6	25.7	26.1	26.3
85°	11.1	11.3	10.9	11.3	11.5	11.9	13.0	14.0	13.8	13.6	14.2
87.5°	6.2	6.1	5.7	6.0	5.4	5.4	5.2	5.1	5.3	5.4	5.4
90°	11.3	10.6	9.5	8.6	7.5	6.4	5.4	4.2	3.0	1.9	0.6
92.5°	11.3	10.6	9.6	8.7	7.8	7.0	6.9	7.7	8.6	9.4	10.2
95°	11.3	10.6	16.1	21.8	27.3	32.9	35.9	36.4	36.7	37.2	37.6
97.5°	28.4	32.5	43.5	54.6	65.6	76.7	81.8	81.0	80.3	79.5	78.6
100°	93.1	114.9	114.4	113.8	113.2	112.6	112.1	111.6	111.2	110.8	110.3
102.5°	142.6	146.7	146.3	146.0	145.6	145.3	144.8	144.3	143.7	143.1	142.6
105°	196.9	196.9	196.9	196.9	196.9	196.9	196.6	196.0	195.5	194.8	194.2
107.5°	249.2	249.2	249.0	248.6	248.3	248.1	247.9	247.9	247.9	247.9	247.9
110°	283.7	284.1	283.8	283.6	283.2	282.9	282.8	282.8	282.8	282.8	282.8



TEST NUMBER: P333644-940

CATALOG NUMBER: S125RDIW-S375D770U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	317.4	318.0	317.8	317.6	317.4	317.3	317.0	316.6	316.3	315.9	315.6
115°	368.1	368.7	368.5	368.4	368.3	368.1	367.7	366.9	366.2	365.4	364.7
117.5°	417.2	417.9	417.4	416.9	416.3	415.7	415.4	415.5	415.5	415.5	415.6
120°	448.4	448.6	448.2	447.7	447.3	446.8	446.7	446.8	447.0	447.2	447.3
122.5°	478.5	478.8	478.6	478.3	478.1	478.0	477.6	477.0	476.4	475.9	475.3
125°	522.7	523.3	523.3	523.3	523.3	523.3	522.8	521.7	520.8	519.7	518.7
127.5°	562.6	562.9	563.0	563.1	563.2	563.3	562.9	562.2	561.5	560.8	560.0
130°	588.9	589.3	589.2	589.1	588.9	588.8	588.4	587.6	586.8	586.1	585.4
132.5°	613.1	613.1	613.5	613.8	614.1	614.5	614.2	613.3	612.5	611.6	610.7
135°	649.2	649.5	649.8	650.1	650.4	650.7	650.4	649.5	648.6	647.7	646.8
137.5°	682.3	682.2	682.5	682.8	683.1	683.3	683.1	682.3	681.5	680.8	680.0
140°	702.7	702.3	702.5	702.7	702.8	702.9	702.8	702.6	702.3	702.0	701.7
142.5°	723.0	723.0	722.7	722.6	722.4	722.1	721.9	721.8	721.6	721.4	721.2
145°	751.4	751.3	751.3	751.3	751.3	751.3	751.1	750.8	750.6	750.2	749.9
147.5°	775.7	775.5	775.3	775.2	775.1	774.9	774.8	774.9	774.9	775.0	775.1
150°	791.2	790.9	790.6	790.3	790.0	789.7	789.7	790.0	790.3	790.6	790.9
152.5°	804.9	804.6	804.3	804.1	803.8	803.4	803.6	804.3	804.9	805.6	806.2
155°	823.7	823.2	823.0	822.7	822.4	822.1	822.4	823.2	824.1	825.0	825.9
157.5°	839.4	838.8	838.8	838.8	838.7	838.7	839.0	839.5	840.1	840.6	841.1
160°	849.0	848.4	848.2	848.1	847.9	847.7	848.2	849.0	849.9	850.8	851.7
162.5°	857.6	856.8	856.7	856.6	856.4	856.2	856.6	857.5	858.4	859.3	860.1
165°	869.1	868.2	868.1	867.9	867.7	867.6	868.0	868.9	869.8	870.6	871.5
167.5°	877.5	876.6	876.4	876.2	876.1	875.9	876.3	877.3	878.2	879.0	879.9
170°	881.9	880.7	880.6	880.5	880.3	880.1	880.6	881.6	882.6	883.7	884.8
172.5°	885.5	884.5	884.2	884.0	883.7	883.4	883.8	884.8	885.8	886.9	887.9
175°	889.2	888.1	887.9	887.7	887.6	887.4	887.8	888.7	889.6	890.5	891.4
177.5°	891.1	890.3	890.1	890.0	889.9	889.7	890.1	890.8	891.5	892.2	892.9
180°	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4



TEST NUMBER: P333644-940

CATALOG NUMBER: S125RDIW-S375D770U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	504.4	505.9	508.0	510.5	512.5	514.6	515.8	515.8	516.7	518.9	521.7
5°	505.9	511.2	516.3	522.9	528.1	534.0	538.6	543.0	546.8	551.8	557.0
7.5°	505.4	514.3	523.6	534.0	545.5	554.6	563.9	571.2	578.5	588.0	595.4
10°	503.8	515.3	527.9	541.1	555.5	568.0	579.4	589.7	599.6	609.9	619.2
12.5°	500.8	515.5	530.8	546.7	564.9	579.3	593.9	604.8	616.4	627.7	639.1
15°	496.3	513.6	532.2	554.3	576.5	592.5	607.0	621.3	632.0	644.7	655.7
17.5°	487.1	509.4	532.8	556.9	578.3	596.9	612.1	625.6	637.0	651.0	665.9
20°	481.7	505.9	530.1	555.9	576.3	595.5	610.1	624.1	638.3	656.7	674.8
22.5°	474.1	499.9	525.7	550.1	571.7	590.2	605.3	622.4	641.1	661.9	683.9
25°	462.2	488.7	514.2	537.5	558.6	577.6	598.2	621.3	643.9	671.3	702.8
27.5°	446.9	472.6	495.3	520.0	540.8	565.0	590.7	615.7	648.4	686.1	725.4
30°	435.6	459.9	481.5	504.8	528.5	555.1	583.9	613.4	652.4	696.6	743.4
32.5°	422.4	444.4	465.8	488.3	515.7	544.8	575.5	611.5	658.1	708.5	756.9
35°	399.5	419.3	440.1	465.0	494.1	525.8	565.0	608.9	665.1	719.3	762.8
37.5°	375.5	391.2	412.1	438.4	470.0	506.7	551.2	604.5	662.2	710.9	729.3
40°	357.0	371.7	393.8	421.3	452.7	492.8	542.7	597.5	655.7	689.4	688.0
42.5°	338.8	353.6	374.8	402.6	435.2	480.2	531.5	588.4	637.5	650.3	623.6
45°	310.7	324.5	345.4	373.4	408.4	455.6	509.5	564.2	595.5	574.6	521.5
47.5°	282.1	295.5	314.9	342.2	380.5	429.9	481.0	525.8	530.1	485.4	421.7
50°	263.3	275.9	294.3	323.5	360.6	408.8	458.1	493.3	482.3	427.8	362.0
52.5°	245.0	257.1	274.3	301.9	339.8	387.0	431.0	458.7	433.4	375.3	316.2
55°	218.0	229.5	246.8	272.2	306.6	349.8	388.4	398.5	361.4	302.9	255.1
57.5°	192.3	200.8	217.8	240.3	273.5	311.7	339.2	337.4	296.5	243.8	209.5
60°	175.3	183.0	199.2	219.8	251.4	285.6	305.0	296.7	255.3	211.8	178.9
62.5°	159.5	166.7	180.3	199.2	226.3	256.1	270.2	258.8	219.7	181.5	155.2
65°	135.5	140.7	151.7	169.2	190.4	211.0	223.6	206.9	172.3	143.4	123.6
67.5°	113.2	117.6	127.3	139.9	154.5	168.8	173.9	158.3	131.3	111.9	97.9
70°	98.7	102.8	109.4	121.2	130.8	140.9	143.4	129.4	106.9	92.1	83.5
72.5°	84.9	88.6	94.4	102.7	109.4	115.2	116.4	103.3	86.1	76.0	69.3
75°	64.7	68.0	71.7	74.8	79.1	80.2	79.7	69.6	60.4	53.6	49.8
77.5°	47.5	49.0	51.2	52.4	52.6	52.5	50.5	44.1	39.2	36.5	35.0
80°	36.6	37.7	38.3	38.7	39.0	36.9	34.6	30.7	29.1	27.4	25.6
82.5°	26.7	27.3	27.9	28.0	26.9	25.1	23.1	21.1	20.0	19.2	18.5
85°	14.4	14.6	14.4	13.4	11.9	11.3	10.9	10.5	10.3	10.1	10.1
87.5°	5.4	5.3	4.6	5.0	5.3	5.3	5.5	5.5	5.6	5.7	5.9
90°	1.9	3.0	4.2	5.4	6.4	7.5	8.6	9.5	10.6	11.3	12.0
92.5°	9.4	8.6	7.7	6.9	7.0	7.8	8.7	9.6	10.6	11.3	12.0
95°	37.2	36.7	36.4	35.9	32.9	27.3	21.8	16.1	10.6	11.3	12.0
97.5°	79.5	80.3	81.0	81.8	76.7	65.6	54.6	43.5	32.5	28.4	24.3
100°	110.8	111.2	111.6	112.1	112.6	113.2	113.8	114.4	114.9	93.1	71.2
102.5°	143.1	143.7	144.3	144.8	145.3	145.6	146.0	146.3	146.7	142.6	138.4
105°	194.8	195.5	196.0	196.6	196.9	196.9	196.9	196.9	196.9	196.9	196.9
107.5°	247.9	247.9	247.9	247.9	248.1	248.3	248.6	249.0	249.2	249.2	249.3
110°	282.8	282.8	282.8	282.8	282.9	283.2	283.6	283.8	284.1	283.7	283.2





TEST NUMBER: P333644-940

CATALOG NUMBER: S125RDIW-S375D770U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	315.9	316.3	316.6	317.0	317.3	317.4	317.6	317.8	318.0	317.4	316.8
115°	365.4	366.2	366.9	367.7	368.1	368.3	368.4	368.5	368.7	368.1	367.5
117.5°	415.5	415.5	415.5	415.4	415.7	416.3	416.9	417.4	417.9	417.2	416.4
120°	447.2	447.0	446.8	446.7	446.8	447.3	447.7	448.2	448.6	448.4	448.1
122.5°	475.9	476.4	477.0	477.6	478.0	478.1	478.3	478.6	478.8	478.5	478.1
125°	519.7	520.8	521.7	522.8	523.3	523.3	523.3	523.3	523.3	522.7	522.1
127.5°	560.8	561.5	562.2	562.9	563.3	563.2	563.1	563.0	562.9	562.6	562.3
130°	586.1	586.8	587.6	588.4	588.8	588.9	589.1	589.2	589.3	588.9	588.5
132.5°	611.6	612.5	613.3	614.2	614.5	614.1	613.8	613.5	613.1	613.1	613.0
135°	647.7	648.6	649.5	650.4	650.7	650.4	650.1	649.8	649.5	649.2	648.9
137.5°	680.8	681.5	682.3	683.1	683.3	683.1	682.8	682.5	682.2	682.3	682.4
140°	702.0	702.3	702.6	702.8	702.9	702.8	702.7	702.5	702.3	702.7	702.9
142.5°	721.4	721.6	721.8	721.9	722.1	722.4	722.6	722.7	723.0	723.0	723.1
145°	750.2	750.6	750.8	751.1	751.3	751.3	751.3	751.3	751.3	751.4	751.5
147.5°	775.0	774.9	774.9	774.8	774.9	775.1	775.2	775.3	775.5	775.7	775.9
150°	790.6	790.3	790.0	789.7	789.7	790.0	790.3	790.6	790.9	791.2	791.5
152.5°	805.6	804.9	804.3	803.6	803.4	803.8	804.1	804.3	804.6	804.9	805.2
155°	825.0	824.1	823.2	822.4	822.1	822.4	822.7	823.0	823.2	823.7	824.1
157.5°	840.6	840.1	839.5	839.0	838.7	838.7	838.8	838.8	838.8	839.4	839.8
160°	850.8	849.9	849.0	848.2	847.7	847.9	848.1	848.2	848.4	849.0	849.5
162.5°	859.3	858.4	857.5	856.6	856.2	856.4	856.6	856.7	856.8	857.6	858.4
165°	870.6	869.8	868.9	868.0	867.6	867.7	867.9	868.1	868.2	869.1	870.0
167.5°	879.0	878.2	877.3	876.3	875.9	876.1	876.2	876.4	876.6	877.5	878.6
170°	883.7	882.6	881.6	880.6	880.1	880.3	880.5	880.6	880.7	881.9	883.1
172.5°	886.9	885.8	884.8	883.8	883.4	883.7	884.0	884.2	884.5	885.5	886.5
175°	890.5	889.6	888.7	887.8	887.4	887.6	887.7	887.9	888.1	889.2	890.4
177.5°	892.2	891.5	890.8	890.1	889.7	889.9	890.0	890.1	890.3	891.1	891.9
180°	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	523.9	523.9	526.6	526.5	528.3	527.6	528.0
5°	563.1	566.6	569.7	571.8	574.9	575.7	575.2
7.5°	603.9	611.6	615.4	620.6	621.5	624.3	624.0
10°	629.0	636.7	642.5	646.9	649.3	652.1	652.4
12.5°	648.8	655.3	660.4	664.6	667.4	668.2	668.8
15°	664.3	671.5	677.4	683.4	687.0	689.6	691.1
17.5°	679.8	691.0	701.5	709.6	714.5	718.6	718.6
20°	691.9	704.6	717.8	727.1	736.6	740.7	741.4
22.5°	704.7	724.2	741.3	755.6	768.1	772.4	774.0
25°	731.5	757.0	783.2	803.3	817.8	826.3	827.5
27.5°	763.8	798.3	825.8	844.5	856.4	862.7	864.1
30°	786.5	818.4	843.1	857.1	862.7	863.5	860.4
32.5°	796.7	820.6	830.5	829.6	818.7	811.5	808.7
35°	784.2	779.3	755.2	726.3	704.3	690.3	686.5
37.5°	713.6	671.0	626.7	583.1	559.9	548.0	527.8
40°	644.1	583.3	537.2	500.5	474.3	453.3	448.4
42.5°	565.6	502.8	456.7	425.3	404.4	390.0	383.7
45°	454.5	400.6	362.4	338.3	322.3	311.7	307.0
47.5°	363.6	321.7	294.0	276.2	263.9	254.8	252.2
50°	313.6	280.2	256.7	241.7	232.4	225.4	222.6
52.5°	272.4	245.4	227.4	215.0	206.3	201.9	199.5
55°	224.8	201.5	188.5	178.6	173.7	170.2	168.5
57.5°	183.9	167.0	157.6	150.7	146.2	143.9	143.1
60°	161.0	147.8	139.1	133.8	130.6	127.8	126.9
62.5°	140.6	130.3	123.6	118.9	115.8	114.6	114.0
65°	113.3	106.6	101.6	98.7	96.2	95.8	95.6
67.5°	90.1	86.1	83.5	80.5	79.6	78.2	77.8
70°	77.0	74.4	71.2	70.3	69.2	67.8	68.0
72.5°	65.4	62.7	60.5	59.2	58.9	58.2	58.8
75°	47.8	47.0	46.2	45.1	44.7	44.7	44.5
77.5°	34.2	33.4	32.5	31.9	31.7	30.9	31.2
80°	24.7	23.7	23.3	23.5	22.8	22.6	22.6
82.5°	18.3	17.9	17.5	17.6	17.4	17.2	17.4
85°	10.1	9.9	9.9	9.7	9.7	9.5	9.5
87.5°	6.2	6.5	6.2	6.2	6.3	6.5	6.8
90°	12.8	13.5	14.1	14.5	15.0	15.4	15.9
92.5°	12.8	13.5	14.0	14.2	14.4	14.6	14.8
95°	12.8	13.5	13.9	13.9	13.9	13.9	13.9
97.5°	20.1	16.0	13.9	13.9	13.9	13.9	13.9
100°	49.3	27.5	16.2	15.6	15.1	14.4	13.9
102.5°	134.3	130.1	123.1	113.1	103.1	93.1	83.1
105°	196.9	196.9	196.8	196.7	196.5	196.4	196.3
107.5°	249.3	249.3	249.1	248.7	248.3	247.8	247.4
110°	282.8	282.3	282.2	282.3	282.5	282.7	282.8



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	316.3	315.7	315.3	315.1	315.0	314.7	314.5
115°	366.9	366.3	365.6	364.7	363.8	362.9	362.0
117.5°	415.7	414.9	414.4	413.9	413.6	413.2	412.9
120°	447.7	447.5	446.9	446.2	445.5	444.8	444.0
122.5°	477.9	477.6	477.0	476.2	475.3	474.5	473.6
125°	521.6	520.9	520.4	520.0	519.5	519.2	518.7
127.5°	562.0	561.7	561.0	559.8	558.7	557.7	556.6
130°	588.1	587.6	587.0	586.3	585.6	584.8	584.1
132.5°	612.9	612.8	612.4	611.6	610.9	610.2	609.5
135°	648.6	648.4	647.7	646.8	646.0	645.1	644.2
137.5°	682.4	682.5	682.2	681.4	680.6	679.8	679.1
140°	703.2	703.6	703.2	702.3	701.5	700.6	699.7
142.5°	723.2	723.2	722.8	721.9	721.0	720.1	719.3
145°	751.7	751.8	751.4	750.6	749.7	748.9	748.0
147.5°	776.1	776.2	775.8	774.8	773.7	772.7	771.6
150°	791.8	792.1	791.7	790.4	789.3	788.1	786.9
152.5°	805.5	805.8	805.4	804.3	803.3	802.3	801.2
155°	824.6	825.0	824.7	823.5	822.3	821.2	819.9
157.5°	840.3	840.7	840.3	839.2	838.0	836.9	835.7
160°	850.2	850.7	850.4	849.3	848.1	846.9	845.7
162.5°	859.3	860.1	859.9	858.6	857.3	856.0	854.7
165°	870.8	871.7	871.6	870.4	869.2	868.1	866.8
167.5°	879.7	880.7	880.7	879.3	878.0	876.6	875.3
170°	884.3	885.5	885.4	884.0	882.7	881.4	880.1
172.5°	887.6	888.7	888.5	887.3	885.9	884.6	883.2
175°	891.5	892.7	892.6	891.4	890.0	888.7	887.3
177.5°	892.7	893.6	893.5	892.5	891.6	890.6	889.7
180°	891.4	891.4	891.4	891.4	891.4	891.4	891.4

(END OF REPORT)