

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: P333346-940

Luminaire Tested: **S125DIW-S375D770U940-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333346-940  
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: S125DIW-S375D770U940-4F0-1E-UDD-A  
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 375 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 770 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4108.8 lumens  
Efficiency: N/A  
Efficacy: 135.2 lumens/watt  
Spacing Criteria (0/90/45): 1.43 / 1.23 / 1.52  
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')  
CIE Type: Semi-Indirect

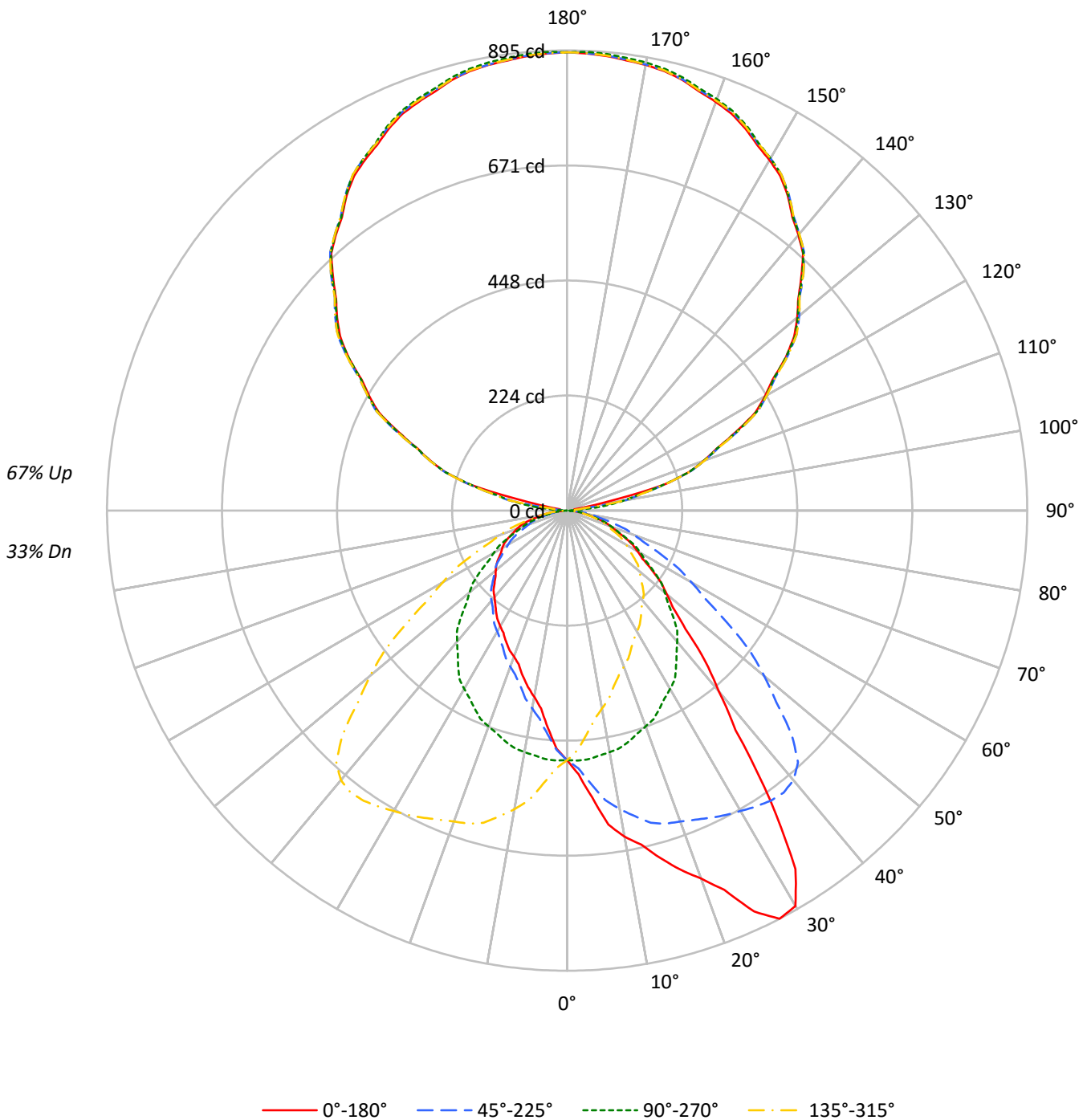
Input Watts (W): 30.4  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	74	74	74	57	57	57	41	41	41	33
1	94	90	86	83	85	81	78	75	65	63	61	50	49	47	36	36	35	28
2	86	79	73	68	77	71	66	62	57	54	51	44	42	40	32	31	29	24
3	78	69	62	57	70	63	57	52	50	46	43	39	36	34	29	27	25	20
4	72	61	54	48	64	56	49	44	45	40	36	35	32	29	26	23	22	18
5	66	55	47	41	59	50	43	38	40	35	31	31	28	25	23	21	19	15
6	60	49	41	35	54	44	38	33	36	31	27	28	25	22	21	19	17	14
7	56	44	36	31	50	40	33	29	33	28	24	26	22	19	19	17	15	12
8	52	40	32	27	47	36	30	25	30	25	21	23	20	17	17	15	13	11
9	48	36	29	24	43	33	27	22	27	22	19	21	18	15	16	14	12	10
10	45	33	26	21	40	30	24	20	25	20	17	20	16	14	15	13	11	9

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

	0°	90°	180°	270°
0°	3135	3135	3135	3135
5°	3630	3146	2755	3146
10°	4224	3129	2413	3129
15°	4676	3107	2226	3107
20°	5234	3070	2076	3070
25°	6131	3029	2003	3029
30°	6623	2988	1939	2988
35°	5445	2912	1898	2912
40°	3871	2807	1851	2807
45°	2974	2665	1825	2665
50°	2538	2488	1822	2488
55°	2260	2315	1838	2315
60°	2038	2126	1885	2126
65°	1883	1936	1933	1936
70°	1713	1739	1962	1739
75°	1510	1532	1941	1532
80°	1272	1250	1778	1250
85°	1008	897	1438	897



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	46.7	1.1
10°-20°	139.1	3.4
20°-30°	225.9	5.5
30°-40°	275.6	6.7
40°-50°	250.7	6.1
50°-60°	199.7	4.9
60°-70°	139.1	3.4
70°-80°	74.2	1.8
80°-90°	20.6	0.5
90°-100°	32.4	0.8
100°-110°	199.6	4.9
110°-120°	362.0	8.8
120°-130°	464.6	11.3
130°-140°	499.8	12.2
140°-150°	469.1	11.4
150°-160°	379.5	9.2
160°-170°	245.4	6.0
170°-180°	84.6	2.1
0°-30°	411.8	10.0
0°-40°	687.4	16.7
0°-60°	1137.8	27.7
0°-90°	1371.7	33.4
90°-120°	594.1	14.5
90°-150°	2027.6	49.3
90°-180°	2737.0	66.6
0°-180°	4108.8	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	485	485	485	485	485	
5°	560	485	425	485	560	56
15°	699	465	333	465	699	200
25°	860	425	281	425	860	393
35°	691	369	241	369	691	423
45°	326	292	200	292	326	261
55°	201	206	163	206	201	181
65°	123	127	126	127	123	122
75°	60	61	78	61	60	65
85°	14	12	19	12	14	16
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°	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4
2.5°	513.4	512.8	512.1	510.9	511.8	509.0	507.7	505.4	502.6	501.6	500.4
5°	560.0	561.1	562.1	557.8	558.2	555.3	548.7	543.3	539.0	533.4	529.5
7.5°	616.1	613.7	613.4	610.6	605.8	601.9	595.0	586.2	577.7	567.9	559.9
10°	644.1	644.4	642.5	639.2	634.0	630.3	621.3	612.6	602.1	589.7	580.9
12.5°	665.2	666.1	663.7	659.2	656.7	648.5	641.3	631.1	618.6	608.7	595.2
15°	699.3	697.1	695.4	689.8	685.5	676.9	665.6	654.8	641.2	628.7	616.1
17.5°	732.2	734.1	730.9	725.9	712.4	702.3	687.2	672.4	655.5	638.6	623.7
20°	761.5	763.2	758.5	749.6	733.5	723.4	703.5	684.5	664.9	643.3	626.8
22.5°	798.2	796.8	790.4	776.9	763.0	744.4	722.7	699.6	675.1	650.7	628.7
25°	860.4	851.8	847.8	831.2	812.9	785.4	755.8	722.0	691.5	659.2	631.2
27.5°	895.0	892.2	887.9	876.3	857.0	827.7	792.7	751.5	708.6	667.7	631.0
30°	888.1	888.5	888.9	885.2	872.8	850.8	815.9	771.7	720.5	674.6	632.1
32.5°	826.7	834.2	841.4	849.9	853.4	849.1	827.3	787.3	734.7	682.5	631.5
35°	690.6	692.9	716.2	739.3	770.6	795.0	811.2	793.4	749.2	689.2	630.7
37.5°	538.5	549.7	565.8	591.8	637.0	677.5	729.6	753.5	739.2	691.4	629.3
40°	459.1	469.4	479.9	506.5	544.6	593.6	652.7	703.2	715.0	684.5	624.3
42.5°	397.8	405.9	417.6	437.6	469.4	512.8	569.4	635.3	675.9	664.4	613.9
45°	325.6	330.7	339.7	355.6	378.7	412.7	462.5	534.7	597.5	618.3	589.3
47.5°	278.7	278.7	285.7	296.6	313.3	342.1	379.1	435.5	502.7	552.3	550.0
50°	252.6	251.6	257.2	266.6	279.8	299.0	334.2	379.3	443.8	500.1	515.8
52.5°	230.2	230.3	233.7	240.8	251.8	268.1	294.4	335.2	390.2	448.0	477.5
55°	200.7	199.8	203.8	208.5	216.6	227.3	246.2	277.3	322.1	378.9	417.2
57.5°	173.6	175.9	177.5	180.7	187.4	194.7	210.6	233.4	268.9	317.7	358.2
60°	157.8	160.1	161.3	164.6	170.0	176.2	188.5	207.1	236.9	279.0	319.1
62.5°	143.7	145.4	145.9	148.8	153.2	159.2	168.9	184.5	208.1	244.9	284.2
65°	123.2	123.2	124.0	127.2	129.2	134.6	142.0	153.3	172.3	200.9	234.5
67.5°	103.5	104.5	104.3	105.7	107.5	111.7	117.0	126.4	140.4	161.3	188.2
70°	90.7	91.5	91.3	92.3	94.3	97.0	101.4	110.2	120.3	138.2	161.3
72.5°	79.1	79.5	78.9	80.3	81.5	83.8	88.7	93.5	102.8	118.0	137.0
75°	60.5	61.0	61.4	62.2	63.5	64.7	67.1	71.9	78.1	89.4	101.6
77.5°	45.4	44.6	45.7	45.5	46.2	47.2	49.3	51.8	56.9	64.1	73.5
80°	34.2	34.4	34.4	34.6	35.7	36.3	38.1	39.9	43.9	49.2	55.8
82.5°	25.0	25.5	25.1	25.6	26.4	26.8	27.9	29.4	31.7	35.9	40.7
85°	13.6	12.6	13.0	13.4	13.4	13.6	14.4	15.1	16.3	17.9	19.8
87.5°	7.1	7.4	7.5	7.4	7.4	7.3	7.8	7.7	8.0	8.4	8.8
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°	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4
2.5°	499.4	498.3	497.0	494.6	491.9	490.4	488.1	486.6	483.7	481.2	478.5
5°	524.8	519.4	514.5	508.1	501.1	496.6	491.2	485.3	479.0	472.7	465.7
7.5°	551.1	541.5	531.3	520.2	509.3	499.4	489.8	480.5	471.8	461.2	452.3
10°	568.6	556.7	543.9	529.0	514.2	501.5	488.6	477.2	465.7	453.3	442.4
12.5°	586.3	570.4	552.3	535.8	518.3	502.8	487.6	473.1	458.6	444.9	432.1
15°	598.8	584.8	568.1	544.6	524.8	503.5	483.4	464.7	447.1	431.9	415.8
17.5°	607.0	588.9	571.0	548.5	522.5	498.8	475.9	454.4	434.7	415.4	399.9
20°	608.4	589.9	571.1	549.1	522.5	495.3	472.4	446.7	425.5	405.5	386.6
22.5°	608.0	586.9	566.5	543.9	517.9	492.8	465.2	439.0	415.9	396.3	376.5
25°	603.3	580.9	555.3	532.4	506.8	480.3	452.3	425.1	401.6	379.2	359.5
27.5°	599.4	570.3	541.4	514.7	490.0	465.7	438.8	411.0	385.0	362.2	343.8
30°	594.7	562.7	530.1	502.3	477.0	453.3	427.9	400.7	373.5	351.3	331.5
32.5°	590.4	553.1	518.8	488.5	461.6	438.6	415.3	389.4	362.7	340.1	320.3
35°	582.1	539.0	499.6	465.5	436.8	413.1	393.5	369.4	344.9	323.1	304.2
37.5°	571.6	520.5	478.2	442.4	411.0	386.0	367.8	349.3	325.7	304.7	287.6
40°	563.3	507.3	462.5	425.9	393.3	367.4	350.4	333.0	313.4	293.8	275.7
42.5°	552.9	495.4	446.7	407.2	375.1	349.7	332.0	317.2	299.9	281.6	264.8
45°	533.9	473.9	421.2	378.7	346.2	321.2	302.9	291.8	278.7	261.4	247.3
47.5°	505.8	448.1	393.5	349.7	316.1	293.0	275.8	265.1	256.0	243.2	230.2
50°	480.9	428.8	373.5	330.1	296.5	273.2	257.3	247.6	239.9	230.0	219.0
52.5°	453.1	404.6	353.9	310.9	277.7	254.8	239.2	230.7	224.2	217.1	206.3
55°	408.8	367.6	320.6	279.8	249.1	226.7	213.0	205.6	200.3	194.9	188.3
57.5°	360.1	327.8	286.2	248.9	220.6	200.2	187.5	180.3	176.1	173.3	169.5
60°	325.7	298.2	262.3	228.3	200.7	182.5	170.2	164.6	161.1	158.9	156.0
62.5°	293.9	271.3	238.1	207.1	182.9	165.8	154.7	149.3	146.0	144.8	142.5
65°	247.1	229.5	202.2	176.4	155.8	141.2	131.9	126.7	124.7	123.4	123.6
67.5°	200.8	190.2	168.2	146.2	129.7	117.5	110.0	106.1	105.0	103.4	103.4
70°	172.6	164.6	146.1	126.9	112.3	102.8	96.2	92.1	91.0	90.2	90.1
72.5°	147.8	140.7	124.7	109.3	96.1	87.8	82.4	79.9	78.2	77.8	77.7
75°	111.0	107.2	94.3	82.2	73.1	67.4	63.7	61.4	60.2	59.9	60.2
77.5°	78.9	75.5	67.4	58.8	53.1	48.7	45.6	44.8	43.4	43.4	43.2
80°	59.3	57.1	51.9	45.1	40.4	36.6	35.0	33.6	33.2	32.5	33.2
82.5°	43.0	40.6	37.1	32.7	28.8	26.7	25.0	24.5	24.3	24.0	24.1
85°	21.2	21.4	19.4	16.1	14.4	13.2	12.1	12.1	11.9	11.8	11.9
87.5°	8.9	8.4	7.6	6.9	5.8	5.1	4.6	4.5	4.3	4.4	4.8
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: P333346-940

CATALOG NUMBER: S125DIW-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: P333346-940

CATALOG NUMBER: S125DIW-S375D770U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4
2.5°	477.1	475.2	473.8	470.5	468.6	466.2	464.2	466.4	464.0	465.0	463.5
5°	462.2	456.4	452.3	446.3	441.1	436.4	432.9	432.3	430.6	429.8	427.3
7.5°	444.3	437.0	430.0	422.1	415.5	408.8	404.6	401.0	398.7	395.6	393.4
10°	433.7	424.0	415.8	406.4	398.1	390.8	385.1	382.2	379.5	375.6	374.2
12.5°	420.7	410.7	400.6	390.5	382.5	374.5	369.6	365.2	363.4	359.0	358.6
15°	405.1	390.0	380.1	369.9	358.9	352.3	348.2	343.5	341.4	338.3	336.1
17.5°	386.5	373.0	360.7	350.0	340.6	335.1	329.9	326.7	323.2	321.1	317.4
20°	372.9	360.2	347.8	336.4	329.2	322.9	318.8	315.7	311.9	310.9	307.2
22.5°	361.6	347.5	335.6	326.1	318.3	311.0	306.6	304.4	301.9	298.7	298.0
25°	343.0	328.4	318.3	308.9	301.8	295.2	292.2	289.5	287.0	284.7	283.9
27.5°	327.1	314.0	302.0	293.5	287.3	281.3	278.7	275.4	273.6	271.7	269.5
30°	315.8	302.5	291.9	283.7	277.1	271.8	268.9	266.6	265.0	263.3	262.1
32.5°	304.3	291.9	281.8	273.7	267.1	263.1	260.5	258.9	257.1	255.1	253.5
35°	289.1	275.4	265.6	258.6	253.4	250.3	247.4	246.0	244.0	244.0	242.3
37.5°	271.9	260.1	251.4	245.0	240.4	237.6	234.5	233.5	232.2	231.3	230.8
40°	261.7	250.7	242.5	236.1	231.2	228.9	226.4	224.8	224.0	222.9	222.6
42.5°	251.1	240.7	232.8	226.9	222.6	220.7	218.4	217.2	215.5	214.2	213.9
45°	235.1	225.0	217.8	213.0	209.4	207.1	205.6	203.1	202.3	200.7	200.5
47.5°	219.9	210.2	203.1	199.2	196.0	194.1	191.9	189.4	188.4	187.6	187.5
50°	208.5	199.7	193.1	189.4	186.3	183.6	181.3	179.7	179.1	179.1	179.5
52.5°	197.0	189.4	183.9	179.3	176.4	173.5	171.4	170.4	169.5	170.5	171.2
55°	180.1	172.5	168.4	164.0	161.1	157.8	156.8	156.4	155.8	157.4	158.3
57.5°	162.2	156.9	152.0	147.8	145.2	143.2	141.9	141.6	142.8	143.6	146.2
60°	150.8	144.6	140.4	137.1	133.9	132.7	132.2	131.9	132.7	134.9	138.5
62.5°	138.3	133.3	128.6	126.2	123.9	121.8	121.7	122.0	123.6	126.3	129.7
65°	119.9	115.6	112.5	109.6	107.7	106.6	106.9	107.7	109.6	113.2	117.0
67.5°	101.2	98.3	95.5	93.2	91.4	91.4	91.8	93.1	95.2	99.2	102.8
70°	89.3	86.0	83.6	82.7	81.1	80.3	81.6	83.6	85.5	89.3	92.3
72.5°	77.2	74.4	72.6	71.9	71.2	70.6	71.1	73.3	75.8	79.5	83.1
75°	59.3	58.3	57.1	56.3	55.6	56.1	56.4	58.5	60.5	64.5	68.6
77.5°	43.3	42.3	41.5	41.3	40.9	41.2	42.4	43.9	45.8	48.7	51.8
80°	32.7	32.4	31.9	31.7	31.7	31.9	33.6	34.6	36.5	39.1	41.6
82.5°	23.9	23.6	23.5	23.5	23.6	23.7	24.7	26.0	27.6	29.6	31.7
85°	12.6	12.1	12.8	13.0	12.6	13.2	13.6	14.4	15.1	16.1	17.1
87.5°	5.2	5.7	5.8	6.2	6.3	6.9	6.9	7.7	8.2	8.6	8.6
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: P333346-940

CATALOG NUMBER: S125DIW-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: P333346-940

CATALOG NUMBER: S125DIW-S375D770U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4
2.5°	462.5	463.7	462.7	464.0	462.7	463.7	462.5	463.5	465.0	464.0	466.4
5°	426.3	424.5	425.7	424.9	425.7	424.5	426.3	427.3	429.8	430.6	432.3
7.5°	392.9	391.1	389.1	388.1	389.1	391.1	392.9	393.4	395.6	398.7	401.0
10°	371.9	369.6	369.4	368.0	369.4	369.6	371.9	374.2	375.6	379.5	382.2
12.5°	356.6	354.5	352.1	351.5	352.1	354.5	356.6	358.6	359.0	363.4	365.2
15°	334.8	333.1	331.7	333.0	331.7	333.1	334.8	336.1	338.3	341.4	343.5
17.5°	316.7	315.4	315.1	313.6	315.1	315.4	316.7	317.4	321.1	323.2	326.7
20°	305.3	304.3	304.8	302.0	304.8	304.3	305.3	307.2	310.9	311.9	315.7
22.5°	296.3	294.3	294.0	293.5	294.0	294.3	296.3	298.0	298.7	301.9	304.4
25°	282.0	281.1	280.0	281.1	280.0	281.1	282.0	283.9	284.7	287.0	289.5
27.5°	269.7	268.4	268.1	268.3	268.1	268.4	269.7	269.5	271.7	273.6	275.4
30°	262.1	260.0	260.2	260.0	260.2	260.0	262.1	262.1	263.3	265.0	266.6
32.5°	253.9	252.4	252.2	251.8	252.2	252.4	253.9	253.5	255.1	257.1	258.9
35°	241.7	241.7	240.7	240.7	240.7	241.7	241.7	242.3	244.0	244.0	246.0
37.5°	230.2	230.1	229.4	229.5	229.4	230.1	230.2	230.8	231.3	232.2	233.5
40°	221.7	221.5	220.9	219.6	220.9	221.5	221.7	222.6	222.9	224.0	224.8
42.5°	213.5	212.8	212.5	212.0	212.5	212.8	213.5	213.9	214.2	215.5	217.2
45°	200.5	200.5	200.1	199.8	200.1	200.5	200.5	200.5	200.7	202.3	203.1
47.5°	187.9	188.2	189.0	188.9	189.0	188.2	187.9	187.5	187.6	188.4	189.4
50°	180.3	180.5	181.1	181.3	181.1	180.5	180.3	179.5	179.1	179.1	179.7
52.5°	171.9	173.1	173.9	173.7	173.9	173.1	171.9	171.2	170.5	169.5	170.4
55°	160.1	161.6	163.0	163.2	163.0	161.6	160.1	158.3	157.4	155.8	156.4
57.5°	148.5	150.4	151.9	152.5	151.9	150.4	148.5	146.2	143.6	142.8	141.6
60°	140.5	143.2	145.1	145.9	145.1	143.2	140.5	138.5	134.9	132.7	131.9
62.5°	133.0	136.0	137.8	137.9	137.8	136.0	133.0	129.7	126.3	123.6	122.0
65°	120.6	123.6	125.3	126.5	125.3	123.6	120.6	117.0	113.2	109.6	107.7
67.5°	107.2	110.3	112.1	113.1	112.1	110.3	107.2	102.8	99.2	95.2	93.1
70°	97.5	100.6	103.0	103.9	103.0	100.6	97.5	92.3	89.3	85.5	83.6
72.5°	87.9	90.7	92.6	93.6	92.6	90.7	87.9	83.1	79.5	75.8	73.3
75°	71.2	75.0	76.9	77.8	76.9	75.0	71.2	68.6	64.5	60.5	58.5
77.5°	54.9	58.3	59.5	60.0	59.5	58.3	54.9	51.8	48.7	45.8	43.9
80°	44.1	46.2	47.6	47.8	47.6	46.2	44.1	41.6	39.1	36.5	34.6
82.5°	33.9	35.6	36.0	36.6	36.0	35.6	33.9	31.7	29.6	27.6	26.0
85°	18.5	19.4	19.6	19.4	19.6	19.4	18.5	17.1	16.1	15.1	14.4
87.5°	9.0	8.9	9.0	9.5	9.0	8.9	9.0	8.6	8.6	8.2	7.7
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: P333346-940

CATALOG NUMBER: S125DIW-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: P333346-940

CATALOG NUMBER: S125DIW-S375D770U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4
2.5°	464.2	466.2	468.6	470.5	473.8	475.2	477.1	478.5	481.2	483.7	486.6
5°	432.9	436.4	441.1	446.3	452.3	456.4	462.2	465.7	472.7	479.0	485.3
7.5°	404.6	408.8	415.5	422.1	430.0	437.0	444.3	452.3	461.2	471.8	480.5
10°	385.1	390.8	398.1	406.4	415.8	424.0	433.7	442.4	453.3	465.7	477.2
12.5°	369.6	374.5	382.5	390.5	400.6	410.7	420.7	432.1	444.9	458.6	473.1
15°	348.2	352.3	358.9	369.9	380.1	390.0	405.1	415.8	431.9	447.1	464.7
17.5°	329.9	335.1	340.6	350.0	360.7	373.0	386.5	399.9	415.4	434.7	454.4
20°	318.8	322.9	329.2	336.4	347.8	360.2	372.9	386.6	405.5	425.5	446.7
22.5°	306.6	311.0	318.3	326.1	335.6	347.5	361.6	376.5	396.3	415.9	439.0
25°	292.2	295.2	301.8	308.9	318.3	328.4	343.0	359.5	379.2	401.6	425.1
27.5°	278.7	281.3	287.3	293.5	302.0	314.0	327.1	343.8	362.2	385.0	411.0
30°	268.9	271.8	277.1	283.7	291.9	302.5	315.8	331.5	351.3	373.5	400.7
32.5°	260.5	263.1	267.1	273.7	281.8	291.9	304.3	320.3	340.1	362.7	389.4
35°	247.4	250.3	253.4	258.6	265.6	275.4	289.1	304.2	323.1	344.9	369.4
37.5°	234.5	237.6	240.4	245.0	251.4	260.1	271.9	287.6	304.7	325.7	349.3
40°	226.4	228.9	231.2	236.1	242.5	250.7	261.7	275.7	293.8	313.4	333.0
42.5°	218.4	220.7	222.6	226.9	232.8	240.7	251.1	264.8	281.6	299.9	317.2
45°	205.6	207.1	209.4	213.0	217.8	225.0	235.1	247.3	261.4	278.7	291.8
47.5°	191.9	194.1	196.0	199.2	203.1	210.2	219.9	230.2	243.2	256.0	265.1
50°	181.3	183.6	186.3	189.4	193.1	199.7	208.5	219.0	230.0	239.9	247.6
52.5°	171.4	173.5	176.4	179.3	183.9	189.4	197.0	206.3	217.1	224.2	230.7
55°	156.8	157.8	161.1	164.0	168.4	172.5	180.1	188.3	194.9	200.3	205.6
57.5°	141.9	143.2	145.2	147.8	152.0	156.9	162.2	169.5	173.3	176.1	180.3
60°	132.2	132.7	133.9	137.1	140.4	144.6	150.8	156.0	158.9	161.1	164.6
62.5°	121.7	121.8	123.9	126.2	128.6	133.3	138.3	142.5	144.8	146.0	149.3
65°	106.9	106.6	107.7	109.6	112.5	115.6	119.9	123.6	123.4	124.7	126.7
67.5°	91.8	91.4	91.4	93.2	95.5	98.3	101.2	103.4	103.4	105.0	106.1
70°	81.6	80.3	81.1	82.7	83.6	86.0	89.3	90.1	90.2	91.0	92.1
72.5°	71.1	70.6	71.2	71.9	72.6	74.4	77.2	77.7	77.8	78.2	79.9
75°	56.4	56.1	55.6	56.3	57.1	58.3	59.3	60.2	59.9	60.2	61.4
77.5°	42.4	41.2	40.9	41.3	41.5	42.3	43.3	43.2	43.4	43.4	44.8
80°	33.6	31.9	31.7	31.7	31.9	32.4	32.7	33.2	32.5	33.2	33.6
82.5°	24.7	23.7	23.6	23.5	23.5	23.6	23.9	24.1	24.0	24.3	24.5
85°	13.6	13.2	12.6	13.0	12.8	12.1	12.6	11.9	11.8	11.9	12.1
87.5°	6.9	6.9	6.3	6.2	5.8	5.7	5.2	4.8	4.4	4.3	4.5
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: P333346-940

CATALOG NUMBER: S125DIW-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: P333346-940

CATALOG NUMBER: S125DIW-S375D770U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4
2.5°	488.1	490.4	491.9	494.6	497.0	498.3	499.4	500.4	501.6	502.6	505.4
5°	491.2	496.6	501.1	508.1	514.5	519.4	524.8	529.5	533.4	539.0	543.3
7.5°	489.8	499.4	509.3	520.2	531.3	541.5	551.1	559.9	567.9	577.7	586.2
10°	488.6	501.5	514.2	529.0	543.9	556.7	568.6	580.9	589.7	602.1	612.6
12.5°	487.6	502.8	518.3	535.8	552.3	570.4	586.3	595.2	608.7	618.6	631.1
15°	483.4	503.5	524.8	544.6	568.1	584.8	598.8	616.1	628.7	641.2	654.8
17.5°	475.9	498.8	522.5	548.5	571.0	588.9	607.0	623.7	638.6	655.5	672.4
20°	472.4	495.3	522.5	549.1	571.1	589.9	608.4	626.8	643.3	664.9	684.5
22.5°	465.2	492.8	517.9	543.9	566.5	586.9	608.0	628.7	650.7	675.1	699.6
25°	452.3	480.3	506.8	532.4	555.3	580.9	603.3	631.2	659.2	691.5	722.0
27.5°	438.8	465.7	490.0	514.7	541.4	570.3	599.4	631.0	667.7	708.6	751.5
30°	427.9	453.3	477.0	502.3	530.1	562.7	594.7	632.1	674.6	720.5	771.7
32.5°	415.3	438.6	461.6	488.5	518.8	553.1	590.4	631.5	682.5	734.7	787.3
35°	393.5	413.1	436.8	465.5	499.6	539.0	582.1	630.7	689.2	749.2	793.4
37.5°	367.8	386.0	411.0	442.4	478.2	520.5	571.6	629.3	691.4	739.2	753.5
40°	350.4	367.4	393.3	425.9	462.5	507.3	563.3	624.3	684.5	715.0	703.2
42.5°	332.0	349.7	375.1	407.2	446.7	495.4	552.9	613.9	664.4	675.9	635.3
45°	302.9	321.2	346.2	378.7	421.2	473.9	533.9	589.3	618.3	597.5	534.7
47.5°	275.8	293.0	316.1	349.7	393.5	448.1	505.8	550.0	552.3	502.7	435.5
50°	257.3	273.2	296.5	330.1	373.5	428.8	480.9	515.8	500.1	443.8	379.3
52.5°	239.2	254.8	277.7	310.9	353.9	404.6	453.1	477.5	448.0	390.2	335.2
55°	213.0	226.7	249.1	279.8	320.6	367.6	408.8	417.2	378.9	322.1	277.3
57.5°	187.5	200.2	220.6	248.9	286.2	327.8	360.1	358.2	317.7	268.9	233.4
60°	170.2	182.5	200.7	228.3	262.3	298.2	325.7	319.1	279.0	236.9	207.1
62.5°	154.7	165.8	182.9	207.1	238.1	271.3	293.9	284.2	244.9	208.1	184.5
65°	131.9	141.2	155.8	176.4	202.2	229.5	247.1	234.5	200.9	172.3	153.3
67.5°	110.0	117.5	129.7	146.2	168.2	190.2	200.8	188.2	161.3	140.4	126.4
70°	96.2	102.8	112.3	126.9	146.1	164.6	172.6	161.3	138.2	120.3	110.2
72.5°	82.4	87.8	96.1	109.3	124.7	140.7	147.8	137.0	118.0	102.8	93.5
75°	63.7	67.4	73.1	82.2	94.3	107.2	111.0	101.6	89.4	78.1	71.9
77.5°	45.6	48.7	53.1	58.8	67.4	75.5	78.9	73.5	64.1	56.9	51.8
80°	35.0	36.6	40.4	45.1	51.9	57.1	59.3	55.8	49.2	43.9	39.9
82.5°	25.0	26.7	28.8	32.7	37.1	40.6	43.0	40.7	35.9	31.7	29.4
85°	12.1	13.2	14.4	16.1	19.4	21.4	21.2	19.8	17.9	16.3	15.1
87.5°	4.6	5.1	5.8	6.9	7.6	8.4	8.9	8.8	8.4	8.0	7.7
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: P333346-940

CATALOG NUMBER: S125DIW-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°	485.4	485.4	485.4	485.4	485.4	485.4	485.4
2.5°	507.7	509.0	511.8	510.9	512.1	512.8	513.4
5°	548.7	555.3	558.2	557.8	562.1	561.1	560.0
7.5°	595.0	601.9	605.8	610.6	613.4	613.7	616.1
10°	621.3	630.3	634.0	639.2	642.5	644.4	644.1
12.5°	641.3	648.5	656.7	659.2	663.7	666.1	665.2
15°	665.6	676.9	685.5	689.8	695.4	697.1	699.3
17.5°	687.2	702.3	712.4	725.9	730.9	734.1	732.2
20°	703.5	723.4	733.5	749.6	758.5	763.2	761.5
22.5°	722.7	744.4	763.0	776.9	790.4	796.8	798.2
25°	755.8	785.4	812.9	831.2	847.8	851.8	860.4
27.5°	792.7	827.7	857.0	876.3	887.9	892.2	895.0
30°	815.9	850.8	872.8	885.2	888.9	888.5	888.1
32.5°	827.3	849.1	853.4	849.9	841.4	834.2	826.7
35°	811.2	795.0	770.6	739.3	716.2	692.9	690.6
37.5°	729.6	677.5	637.0	591.8	565.8	549.7	538.5
40°	652.7	593.6	544.6	506.5	479.9	469.4	459.1
42.5°	569.4	512.8	469.4	437.6	417.6	405.9	397.8
45°	462.5	412.7	378.7	355.6	339.7	330.7	325.6
47.5°	379.1	342.1	313.3	296.6	285.7	278.7	278.7
50°	334.2	299.0	279.8	266.6	257.2	251.6	252.6
52.5°	294.4	268.1	251.8	240.8	233.7	230.3	230.2
55°	246.2	227.3	216.6	208.5	203.8	199.8	200.7
57.5°	210.6	194.7	187.4	180.7	177.5	175.9	173.6
60°	188.5	176.2	170.0	164.6	161.3	160.1	157.8
62.5°	168.9	159.2	153.2	148.8	145.9	145.4	143.7
65°	142.0	134.6	129.2	127.2	124.0	123.2	123.2
67.5°	117.0	111.7	107.5	105.7	104.3	104.5	103.5
70°	101.4	97.0	94.3	92.3	91.3	91.5	90.7
72.5°	88.7	83.8	81.5	80.3	78.9	79.5	79.1
75°	67.1	64.7	63.5	62.2	61.4	61.0	60.5
77.5°	49.3	47.2	46.2	45.5	45.7	44.6	45.4
80°	38.1	36.3	35.7	34.6	34.4	34.4	34.2
82.5°	27.9	26.8	26.4	25.6	25.1	25.5	25.0
85°	14.4	13.6	13.4	13.4	13.0	12.6	13.6
87.5°	7.8	7.3	7.4	7.4	7.5	7.4	7.1
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



TEST NUMBER: P333346-940

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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)