

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: P333491-830

Luminaire Tested: **S125RDIP-S375D365U830-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333491-830
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-11,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S125RDIP-S375D365U830-4F0-1E-UDD-A1
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 375 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 365 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2570.0 lumens
Efficiency: N/A
Efficacy: 126.6 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: General Diffuse

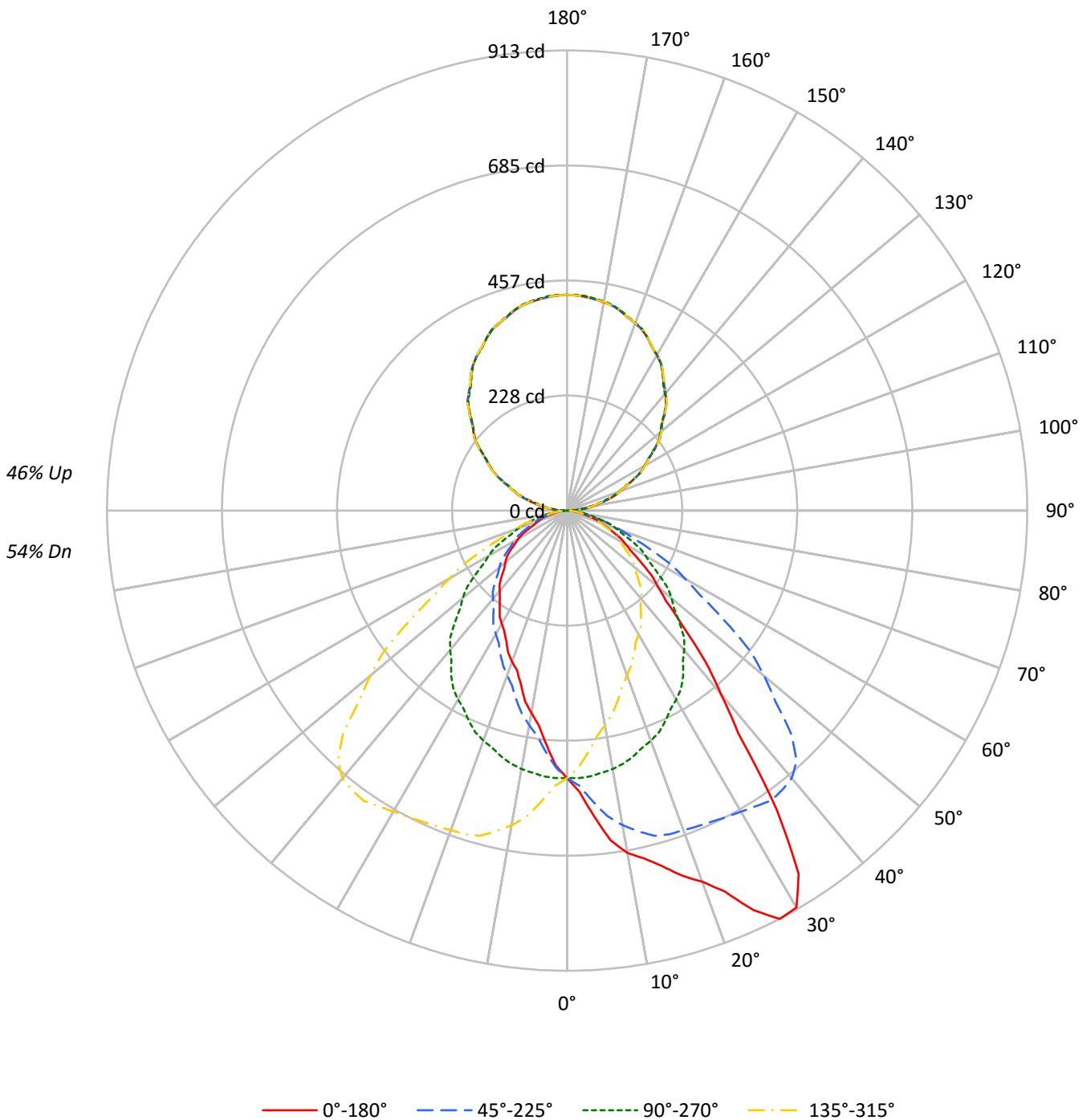
Input Watts (W): 20.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	108	108	108	108	100	100	100	100	85	85	85	72	72	72	59	59	59	54
1	99	95	91	88	92	88	85	82	76	73	71	64	62	61	53	52	51	46
2	91	83	77	72	84	78	72	68	67	63	59	57	54	51	47	45	44	39
3	83	74	66	61	77	69	62	57	59	54	50	50	47	44	42	40	38	34
4	76	65	58	52	70	61	54	49	53	47	43	45	41	38	38	35	33	29
5	70	58	50	45	65	55	47	42	47	42	38	41	36	33	34	31	29	26
6	64	52	44	39	60	49	42	37	43	37	33	37	32	29	31	28	25	23
7	60	47	40	34	55	44	37	32	39	33	29	34	29	26	29	25	23	20
8	55	43	35	30	51	40	34	29	35	30	26	31	26	23	26	23	20	18
9	52	39	32	27	48	37	30	26	33	27	23	28	24	21	24	21	18	16
10	48	36	29	24	45	34	28	23	30	25	21	26	22	19	22	19	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3427	3427	3427	3427
5°	3942	3431	3030	3431
10°	4522	3413	2674	3413
15°	4884	3379	2376	3379
20°	5386	3338	2194	3338
25°	6233	3284	2037	3284
30°	6783	3227	1933	3227
35°	5722	3162	1837	3162
40°	3995	3043	1755	3043
45°	2964	2883	1675	2883
50°	2364	2716	1607	2716
55°	2005	2509	1545	2509
60°	1732	2324	1447	2324
65°	1543	2123	1244	2123
70°	1358	1945	1135	1945
75°	1173	1684	1065	1684
80°	889	1417	889	1417
85°	741	1112	837	1112



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.9	2.0
10°-20°	149.1	5.8
20°-30°	236.4	9.2
30°-40°	285.1	11.1
40°-50°	254.6	9.9
50°-60°	195.2	7.6
60°-70°	126.9	4.9
70°-80°	61.7	2.4
80°-90°	15.7	0.6
90°-100°	28.7	1.1
100°-110°	84.7	3.3
110°-120°	143.4	5.6
120°-130°	188.7	7.3
130°-140°	211.5	8.2
140°-150°	207.3	8.1
150°-160°	174.1	6.8
160°-170°	115.7	4.5
170°-180°	40.5	1.6
0°-30°	436.4	17.0
0°-40°	721.4	28.1
0°-60°	1171.3	45.6
0°-90°	1375.5	53.5
90°-120°	256.8	10.0
90°-150°	864.2	33.6
90°-180°	1195.0	46.5
0°-180°	2570.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	531	531	531	531	531	
5°	608	529	467	529	608	61
15°	730	505	355	505	730	209
25°	875	461	286	461	875	402
35°	726	401	233	401	726	438
45°	324	316	183	316	324	259
55°	178	223	137	223	178	162
65°	101	139	81	139	101	101
75°	47	68	43	68	47	50
85°	10	15	11	15	10	12
90°	8	0	8	0	8	5
95°	29	22	29	22	29	29
105°	83	76	83	76	83	88
115°	145	144	145	144	145	143
125°	211	210	211	210	211	188
135°	274	272	274	272	274	211
145°	332	330	332	330	332	207
155°	378	378	378	378	378	174
165°	410	411	410	411	410	115
175°	425	427	425	427	425	40
180°	428	428	428	428	428	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6
2.5°	558.1	557.7	558.5	556.5	556.7	553.7	553.7	551.5	548.5	546.2	545.2
5°	608.0	608.5	607.7	604.4	602.2	598.9	595.2	588.7	583.2	578.0	573.9
7.5°	659.6	659.9	657.0	656.0	650.4	646.5	638.3	629.3	621.5	611.4	603.8
10°	689.6	689.3	686.3	683.8	679.1	673.0	664.9	654.5	644.7	633.8	623.3
12.5°	706.9	706.3	705.4	702.5	698.0	692.7	685.8	675.5	663.5	651.6	639.3
15°	730.5	729.0	726.1	722.4	716.0	709.7	702.2	693.1	681.5	668.0	656.7
17.5°	759.6	759.6	755.3	750.1	741.5	730.4	718.6	703.9	688.2	673.4	661.3
20°	783.6	783.0	778.6	768.5	758.7	744.8	731.3	713.2	694.1	674.7	659.7
22.5°	818.1	816.4	811.9	798.7	783.5	765.5	744.9	722.8	699.6	677.7	657.9
25°	874.7	873.4	864.4	849.1	827.8	800.1	773.2	742.9	709.5	680.6	656.7
27.5°	913.3	911.9	905.2	892.6	872.9	843.8	807.3	766.8	725.2	685.3	650.8
30°	909.5	912.8	911.9	906.0	891.2	865.1	831.3	785.8	736.3	689.6	648.4
32.5°	854.8	857.7	865.3	876.9	877.8	867.3	842.1	800.0	748.9	695.6	646.4
35°	725.7	729.6	744.4	767.7	798.2	823.7	828.9	806.3	760.3	703.0	643.6
37.5°	557.9	579.3	591.8	616.3	662.4	709.3	754.3	770.9	751.4	699.9	638.9
40°	473.9	479.1	501.3	529.0	567.8	616.5	680.8	727.2	728.7	693.1	631.6
42.5°	405.6	412.3	427.4	449.6	482.8	531.5	597.9	659.1	687.4	673.8	622.0
45°	324.5	329.5	340.6	357.6	383.0	423.4	480.4	551.2	607.4	629.4	596.3
47.5°	266.6	269.3	278.9	291.9	310.8	340.1	384.3	445.7	513.1	560.3	555.7
50°	235.3	238.3	245.6	255.4	271.4	296.1	331.5	382.7	452.1	509.8	521.4
52.5°	210.8	213.4	218.0	227.2	240.3	259.4	287.9	334.2	396.7	458.1	484.8
55°	178.1	179.9	183.6	188.8	199.3	213.0	237.6	269.7	320.2	382.0	421.2
57.5°	151.3	152.1	154.5	159.3	166.5	176.5	194.4	221.4	257.7	313.4	356.7
60°	134.1	135.1	138.1	141.4	147.0	156.2	170.1	189.1	223.9	269.8	313.6
62.5°	120.6	121.1	122.4	125.6	130.6	137.7	148.6	164.1	191.8	232.2	273.5
65°	101.0	101.2	101.7	104.3	107.4	112.6	119.8	130.6	151.6	182.1	218.7
67.5°	82.3	82.7	84.2	85.1	88.2	91.0	95.2	103.5	118.3	138.8	167.3
70°	71.9	71.6	73.1	74.3	75.3	78.6	81.4	88.2	97.4	113.0	136.8
72.5°	62.1	61.5	62.2	62.6	64.0	66.3	69.1	73.2	80.3	91.0	109.2
75°	47.0	47.2	47.2	47.7	48.8	49.7	50.5	52.7	56.6	63.8	73.6
77.5°	33.0	32.7	33.6	33.7	34.4	35.3	36.1	36.9	38.5	41.5	46.6
80°	23.9	23.9	24.1	24.8	24.6	25.1	26.1	27.1	28.9	30.7	32.4
82.5°	18.4	18.2	18.4	18.6	18.5	18.9	19.3	19.5	20.3	21.1	22.3
85°	10.0	10.0	10.3	10.3	10.5	10.5	10.7	10.7	10.7	10.9	11.1
87.5°	5.5	5.2	5.0	5.0	5.1	5.4	5.1	4.9	4.8	4.7	4.8
90°	8.0	7.7	7.5	7.4	7.1	6.8	6.4	6.0	5.7	5.4	4.8
92.5°	15.7	15.6	15.4	15.3	15.1	14.7	14.2	13.8	13.3	12.8	12.2
95°	28.7	28.5	28.4	28.2	28.1	27.7	27.2	26.7	26.2	25.6	24.9
97.5°	43.5	43.4	43.3	43.2	43.1	42.8	42.3	41.8	41.4	40.8	39.8
100°	54.7	54.5	54.4	54.2	54.0	53.6	53.0	52.3	51.7	51.0	50.0
102.5°	65.8	65.6	65.4	65.2	65.0	64.6	63.8	63.1	62.4	61.6	61.2
105°	82.7	82.4	82.2	81.9	81.7	81.4	81.0	80.5	80.0	79.6	79.2
107.5°	99.8	99.8	99.8	99.8	99.9	99.7	99.5	99.3	99.1	98.9	98.5
110°	112.6	112.6	112.7	112.8	112.9	112.8	112.6	112.4	112.2	112.0	111.7



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	125.2	125.3	125.4	125.5	125.6	125.6	125.5	125.5	125.4	125.3	125.0
115°	144.9	145.0	145.1	145.2	145.2	145.2	145.3	145.4	145.5	145.6	145.4
117.5°	164.2	164.6	164.9	165.1	165.4	165.5	165.5	165.4	165.3	165.3	165.1
120°	177.6	177.9	178.1	178.4	178.7	178.9	178.9	178.9	178.9	178.9	178.8
122.5°	190.9	191.1	191.3	191.6	191.8	192.0	192.0	192.1	192.2	192.2	192.0
125°	210.8	210.9	211.0	211.1	211.1	211.3	211.4	211.6	211.7	211.9	211.8
127.5°	230.1	230.2	230.4	230.5	230.6	230.7	230.8	230.9	231.0	231.0	231.0
130°	242.9	243.0	243.2	243.3	243.5	243.6	243.6	243.7	243.7	243.8	243.7
132.5°	254.9	255.1	255.2	255.4	255.7	255.8	255.9	256.0	256.0	256.1	256.2
135°	273.5	273.8	274.1	274.4	274.7	274.8	274.8	274.8	274.8	274.8	274.8
137.5°	291.7	292.1	292.5	292.8	293.2	293.4	293.3	293.2	293.1	293.0	292.8
140°	303.5	303.9	304.3	304.6	305.0	305.1	304.9	304.8	304.6	304.4	304.3
142.5°	314.7	315.1	315.4	315.8	316.1	316.3	316.2	316.1	316.0	315.9	315.7
145°	331.5	331.7	331.9	332.2	332.3	332.4	332.4	332.4	332.4	332.4	332.2
147.5°	345.8	346.3	346.8	347.3	347.8	348.0	347.8	347.6	347.4	347.2	347.0
150°	356.5	356.6	356.8	356.9	357.0	357.1	357.1	357.1	357.1	357.1	356.8
152.5°	365.2	365.5	365.8	366.1	366.3	366.4	366.2	366.0	365.8	365.6	365.5
155°	377.8	378.1	378.5	378.9	379.3	379.3	379.0	378.7	378.4	378.1	378.1
157.5°	388.2	388.7	389.2	389.7	390.2	390.3	390.0	389.6	389.4	389.1	389.0
160°	395.4	395.8	396.2	396.5	396.9	396.9	396.6	396.3	396.1	395.8	395.7
162.5°	401.5	402.0	402.4	402.8	403.3	403.3	402.9	402.6	402.3	401.9	401.9
165°	409.7	410.2	410.7	411.0	411.5	411.6	411.3	411.0	410.8	410.4	410.4
167.5°	416.3	416.7	417.2	417.6	418.1	418.1	417.6	417.3	416.8	416.3	416.3
170°	419.7	420.3	420.8	421.3	421.8	421.9	421.4	420.9	420.6	420.1	420.1
172.5°	422.6	423.1	423.6	424.0	424.5	424.5	424.0	423.7	423.2	422.7	422.7
175°	425.4	425.9	426.4	427.0	427.4	427.5	427.1	426.6	426.2	425.7	425.7
177.5°	427.0	427.4	427.8	428.3	428.7	428.7	428.4	428.0	427.6	427.3	427.3
180°	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6
2.5°	545.2	543.9	541.7	539.6	537.0	534.7	533.1	531.2	528.8	525.8	523.4
5°	569.3	564.5	558.2	552.7	545.7	540.4	534.7	529.2	523.8	516.8	510.7
7.5°	596.1	586.2	576.6	564.4	553.5	543.7	534.2	524.7	515.4	505.5	496.0
10°	612.5	600.4	587.2	571.9	558.0	544.7	532.5	520.5	507.8	496.8	484.8
12.5°	627.7	612.3	597.1	577.9	561.1	544.9	529.3	514.4	501.0	486.5	473.6
15°	641.6	626.3	609.4	585.9	562.5	542.9	524.6	505.3	488.5	472.4	458.0
17.5°	647.0	630.9	611.2	588.6	563.2	538.5	514.9	493.7	473.9	455.2	439.0
20°	644.9	629.4	609.2	587.6	560.3	534.7	509.2	485.7	463.6	443.8	426.7
22.5°	639.8	623.9	604.3	581.5	555.6	528.4	501.1	476.1	453.1	432.5	413.8
25°	632.3	610.5	590.4	568.2	543.6	516.6	488.5	460.8	436.2	415.3	394.8
27.5°	624.3	597.2	571.7	549.6	523.6	499.5	472.4	444.0	418.2	396.9	375.9
30°	617.2	586.7	558.6	533.6	509.0	486.1	460.4	432.7	406.1	384.2	362.9
32.5°	608.3	575.9	545.1	516.1	492.4	469.8	446.5	420.0	394.2	371.5	349.8
35°	597.2	555.8	522.3	491.5	465.2	443.2	422.3	401.0	375.0	351.5	330.4
37.5°	582.6	535.6	496.8	463.4	435.5	413.5	396.9	377.4	353.7	331.3	311.7
40°	573.6	520.9	478.5	445.4	416.2	392.9	377.4	360.9	339.3	318.2	298.6
42.5°	561.8	507.6	460.1	425.6	396.2	373.7	358.1	343.7	325.6	305.7	284.6
45°	538.6	481.5	431.7	394.6	365.0	343.0	328.4	315.6	301.9	283.5	265.2
47.5°	508.4	454.4	402.2	361.7	332.8	312.4	298.2	288.0	278.2	262.7	245.0
50°	484.2	432.1	381.2	342.0	311.0	291.6	278.3	270.3	261.4	247.2	232.3
52.5°	455.5	409.1	359.2	319.1	289.9	271.7	259.0	250.9	243.6	232.1	217.9
55°	410.6	369.8	324.0	287.7	260.9	242.6	230.5	222.8	218.5	208.7	197.6
57.5°	358.5	329.4	289.1	254.0	230.3	212.3	203.3	196.8	191.9	184.9	177.1
60°	322.3	301.9	265.7	232.3	210.6	193.4	185.3	179.9	175.3	169.5	163.3
62.5°	285.6	270.7	239.2	210.6	190.6	176.2	168.6	163.7	158.4	154.5	148.5
65°	236.3	223.0	201.2	178.8	160.3	148.7	143.3	138.9	135.7	131.3	127.1
67.5°	183.8	178.4	163.3	147.9	134.6	124.3	119.6	116.6	112.7	110.1	107.3
70°	151.6	148.9	138.3	128.1	115.6	108.7	104.3	103.0	98.2	95.6	93.7
72.5°	123.0	121.8	115.6	108.6	99.8	93.7	89.7	88.2	85.1	83.0	81.8
75°	84.3	84.7	83.6	79.1	75.8	71.9	68.4	67.5	65.3	63.6	62.5
77.5°	53.3	55.5	55.6	55.4	54.1	51.7	50.2	49.6	47.5	46.8	46.6
80°	36.6	39.0	41.2	40.9	40.5	39.9	38.7	38.1	37.0	36.4	35.9
82.5°	24.4	26.6	28.5	29.6	29.5	28.8	28.2	27.8	27.6	27.1	27.1
85°	11.5	12.0	12.6	14.1	15.3	15.5	15.3	15.0	14.4	14.6	14.8
87.5°	4.9	4.8	4.8	4.7	4.4	5.2	5.6	5.7	5.4	5.2	5.0
90°	4.3	3.8	3.3	2.7	2.1	1.5	0.9	0.4	0.9	1.5	2.1
92.5°	11.5	10.8	10.3	9.7	9.3	8.9	8.5	8.1	8.5	8.9	9.3
95°	24.1	23.5	22.7	22.2	22.1	22.0	21.8	21.7	21.8	22.0	22.1
97.5°	38.8	37.8	36.8	36.2	36.2	36.1	36.0	36.0	36.0	36.1	36.2
100°	49.0	48.1	47.1	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
102.5°	60.6	60.1	59.7	59.3	59.0	58.7	58.4	58.1	58.4	58.7	59.0
105°	78.7	78.3	77.9	77.5	77.1	76.7	76.3	76.0	76.3	76.7	77.1
107.5°	98.2	97.8	97.6	97.2	96.8	96.4	96.0	95.7	96.0	96.4	96.8
110°	111.5	111.2	111.0	110.7	110.4	110.0	109.6	109.2	109.6	110.0	110.4



TEST NUMBER: P333491-830

CATALOG NUMBER: S125RDIP-S375D365U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	124.7	124.4	124.1	123.9	123.7	123.5	123.3	123.1	123.3	123.5	123.7
115°	145.2	145.2	145.0	144.8	144.5	144.2	143.8	143.5	143.8	144.2	144.5
117.5°	165.0	164.9	164.8	164.7	164.5	164.4	164.2	164.1	164.2	164.4	164.5
120°	178.7	178.7	178.6	178.3	178.0	177.7	177.3	176.9	177.3	177.7	178.0
122.5°	191.8	191.6	191.4	191.2	191.1	191.1	190.9	190.8	190.9	191.1	191.1
125°	211.7	211.7	211.6	211.3	210.8	210.5	210.0	209.5	210.0	210.5	210.8
127.5°	230.9	230.8	230.7	230.5	230.3	230.1	229.8	229.5	229.8	230.1	230.3
130°	243.6	243.4	243.3	243.0	242.6	242.2	241.9	241.5	241.9	242.2	242.6
132.5°	256.2	256.2	256.3	255.9	255.3	254.8	254.1	253.5	254.1	254.8	255.3
135°	274.7	274.7	274.6	274.3	273.8	273.4	273.0	272.5	273.0	273.4	273.8
137.5°	292.7	292.6	292.4	292.1	291.6	291.2	290.8	290.4	290.8	291.2	291.6
140°	304.1	303.8	303.6	303.3	302.9	302.6	302.2	301.8	302.2	302.6	302.9
142.5°	315.4	315.1	314.8	314.5	314.2	313.9	313.6	313.3	313.6	313.9	314.2
145°	332.1	331.8	331.6	331.3	331.0	330.7	330.5	330.2	330.5	330.7	331.0
147.5°	346.9	346.8	346.6	346.4	346.2	346.0	345.9	345.7	345.9	346.0	346.2
150°	356.6	356.2	355.9	355.8	355.9	356.0	356.1	356.1	356.1	356.0	355.9
152.5°	365.4	365.3	365.1	365.0	365.0	364.9	364.8	364.7	364.8	364.9	365.0
155°	378.0	377.9	377.8	377.8	377.8	377.8	377.8	377.8	377.8	377.8	377.8
157.5°	389.0	388.9	388.8	388.9	389.0	389.2	389.4	389.5	389.4	389.2	389.0
160°	395.6	395.6	395.5	395.6	395.8	396.0	396.2	396.4	396.2	396.0	395.8
162.5°	401.9	401.8	401.8	401.9	402.1	402.3	402.4	402.6	402.4	402.3	402.1
165°	410.3	410.2	410.1	410.2	410.3	410.5	410.6	410.8	410.6	410.5	410.3
167.5°	416.3	416.3	416.3	416.5	416.8	417.1	417.4	417.6	417.4	417.1	416.8
170°	420.1	420.1	420.1	420.2	420.6	420.8	421.1	421.4	421.1	420.8	420.6
172.5°	422.7	422.7	422.7	422.9	423.2	423.5	423.8	424.0	423.8	423.5	423.2
175°	425.7	425.7	425.7	425.9	426.2	426.5	426.8	427.1	426.8	426.5	426.2
177.5°	427.4	427.4	427.5	427.6	427.9	428.1	428.4	428.6	428.4	428.1	427.9
180°	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1



TEST NUMBER: P333491-830

CATALOG NUMBER: S125RDIP-S375D365U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6
2.5°	521.6	519.2	517.5	514.0	511.5	510.5	508.6	508.0	510.0	508.6	508.4
5°	506.1	499.8	494.8	489.8	484.4	480.9	475.6	474.8	473.4	471.6	471.1
7.5°	487.6	479.3	472.9	464.6	457.4	451.6	445.1	442.0	440.3	437.7	434.3
10°	475.0	465.2	456.5	448.2	439.3	432.1	425.6	420.6	417.3	414.2	412.9
12.5°	462.6	452.6	441.5	431.5	421.5	413.5	406.2	402.9	399.4	395.8	392.8
15°	443.4	430.2	417.9	406.4	397.9	389.2	382.2	377.4	372.0	370.4	364.6
17.5°	423.0	410.0	395.7	383.6	373.7	364.1	356.5	351.0	346.9	341.3	338.7
20°	410.3	394.8	380.9	369.8	358.9	347.6	339.8	335.2	331.3	326.7	324.5
22.5°	396.7	381.6	367.3	354.3	343.3	332.1	326.5	321.8	317.4	313.1	310.2
25°	376.7	361.6	346.5	333.0	321.5	313.4	306.9	301.4	299.1	294.9	291.8
27.5°	357.0	340.8	325.3	311.8	302.7	294.7	289.4	285.1	280.8	277.2	274.5
30°	344.3	327.8	310.8	300.1	290.5	283.0	277.0	272.9	269.7	266.4	264.4
32.5°	331.6	314.5	299.4	287.9	278.9	272.3	266.3	262.2	258.8	255.2	252.9
35°	311.2	293.8	281.6	270.3	261.4	255.2	251.1	245.4	242.6	240.0	237.6
37.5°	292.3	276.1	262.9	253.0	245.2	239.1	233.8	230.7	227.2	224.9	222.9
40°	278.3	263.5	251.6	241.1	235.4	228.7	223.7	219.7	217.2	214.1	211.9
42.5°	265.8	252.0	240.3	231.0	223.9	218.2	213.4	209.4	206.1	204.0	202.2
45°	248.1	234.3	223.0	214.3	207.7	202.4	197.3	195.4	191.0	188.4	187.5
47.5°	229.7	217.4	206.5	198.5	191.8	186.6	181.9	178.0	175.5	173.0	171.5
50°	217.4	205.6	195.4	187.5	181.0	175.3	171.0	168.3	165.0	162.7	161.0
52.5°	205.0	194.1	183.9	176.3	170.7	165.0	160.1	157.6	154.5	153.0	151.7
55°	187.3	175.8	167.0	159.7	153.7	148.5	143.9	141.4	139.4	137.9	137.4
57.5°	167.3	158.2	150.1	143.4	137.2	132.3	128.3	125.8	124.1	123.9	122.5
60°	154.2	145.9	138.6	131.3	126.1	121.5	118.0	115.2	113.5	113.3	112.8
62.5°	141.1	133.2	126.3	120.0	115.3	110.9	107.5	104.4	103.4	102.3	101.3
65°	121.8	114.5	108.9	103.9	98.9	95.2	91.9	89.9	87.6	86.2	83.9
67.5°	102.7	97.2	91.7	87.5	83.5	80.0	77.3	74.4	72.8	71.7	70.0
70°	90.2	85.8	80.4	75.8	72.8	69.9	67.8	64.5	63.3	62.5	61.6
72.5°	78.3	74.5	69.9	66.2	63.2	60.5	58.0	56.5	55.3	54.5	54.0
75°	61.6	58.0	54.0	51.4	49.2	47.0	45.7	44.7	44.2	44.0	43.2
77.5°	45.2	43.3	40.2	38.1	36.7	35.7	34.6	34.0	33.9	33.0	32.7
80°	34.6	33.6	30.9	30.1	28.9	28.1	27.4	26.4	25.3	24.8	24.1
82.5°	25.7	24.7	23.6	22.2	21.3	20.7	20.2	19.7	19.9	19.2	18.9
85°	13.8	12.6	12.2	12.0	11.5	12.0	11.8	11.5	11.3	11.1	11.3
87.5°	4.9	5.0	4.9	5.4	5.0	5.3	5.3	5.2	5.3	5.4	5.3
90°	2.7	3.3	3.8	4.3	4.8	5.4	5.7	6.0	6.4	6.8	7.1
92.5°	9.7	10.3	10.8	11.5	12.2	12.8	13.3	13.8	14.2	14.7	15.1
95°	22.2	22.7	23.5	24.1	24.9	25.6	26.2	26.7	27.2	27.7	28.1
97.5°	36.2	36.8	37.8	38.8	39.8	40.8	41.4	41.8	42.3	42.8	43.1
100°	46.7	47.1	48.1	49.0	50.0	51.0	51.7	52.3	53.0	53.6	54.0
102.5°	59.3	59.7	60.1	60.6	61.2	61.6	62.4	63.1	63.8	64.6	65.0
105°	77.5	77.9	78.3	78.7	79.2	79.6	80.0	80.5	81.0	81.4	81.7
107.5°	97.2	97.6	97.8	98.2	98.5	98.9	99.1	99.3	99.5	99.7	99.9
110°	110.7	111.0	111.2	111.5	111.7	112.0	112.2	112.4	112.6	112.8	112.9



TEST NUMBER: P333491-830

CATALOG NUMBER: S125RDIP-S375D365U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	123.9	124.1	124.4	124.7	125.0	125.3	125.4	125.5	125.5	125.6	125.6
115°	144.8	145.0	145.2	145.2	145.4	145.6	145.5	145.4	145.3	145.2	145.2
117.5°	164.7	164.8	164.9	165.0	165.1	165.3	165.3	165.4	165.5	165.5	165.4
120°	178.3	178.6	178.7	178.7	178.8	178.9	178.9	178.9	178.9	178.9	178.7
122.5°	191.2	191.4	191.6	191.8	192.0	192.2	192.2	192.1	192.0	192.0	191.8
125°	211.3	211.6	211.7	211.7	211.8	211.9	211.7	211.6	211.4	211.3	211.1
127.5°	230.5	230.7	230.8	230.9	231.0	231.0	231.0	230.9	230.8	230.7	230.6
130°	243.0	243.3	243.4	243.6	243.7	243.8	243.7	243.7	243.6	243.6	243.5
132.5°	255.9	256.3	256.2	256.2	256.2	256.1	256.0	256.0	255.9	255.8	255.7
135°	274.3	274.6	274.7	274.7	274.8	274.8	274.8	274.8	274.8	274.8	274.7
137.5°	292.1	292.4	292.6	292.7	292.8	293.0	293.1	293.2	293.3	293.4	293.2
140°	303.3	303.6	303.8	304.1	304.3	304.4	304.6	304.8	304.9	305.1	305.0
142.5°	314.5	314.8	315.1	315.4	315.7	315.9	316.0	316.1	316.2	316.3	316.1
145°	331.3	331.6	331.8	332.1	332.2	332.4	332.4	332.4	332.4	332.4	332.3
147.5°	346.4	346.6	346.8	346.9	347.0	347.2	347.4	347.6	347.8	348.0	347.8
150°	355.8	355.9	356.2	356.6	356.8	357.1	357.1	357.1	357.1	357.1	357.0
152.5°	365.0	365.1	365.3	365.4	365.5	365.6	365.8	366.0	366.2	366.4	366.3
155°	377.8	377.8	377.9	378.0	378.1	378.1	378.4	378.7	379.0	379.3	379.3
157.5°	388.9	388.8	388.9	389.0	389.0	389.1	389.4	389.6	390.0	390.3	390.2
160°	395.6	395.5	395.6	395.6	395.7	395.8	396.1	396.3	396.6	396.9	396.9
162.5°	401.9	401.8	401.8	401.9	401.9	401.9	402.3	402.6	402.9	403.3	403.3
165°	410.2	410.1	410.2	410.3	410.4	410.4	410.8	411.0	411.3	411.6	411.5
167.5°	416.5	416.3	416.3	416.3	416.3	416.3	416.8	417.3	417.6	418.1	418.1
170°	420.2	420.1	420.1	420.1	420.1	420.1	420.6	420.9	421.4	421.9	421.8
172.5°	422.9	422.7	422.7	422.7	422.7	422.7	423.2	423.7	424.0	424.5	424.5
175°	425.9	425.7	425.7	425.7	425.7	425.7	426.2	426.6	427.1	427.5	427.4
177.5°	427.6	427.5	427.4	427.4	427.3	427.3	427.6	428.0	428.4	428.7	428.7
180°	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1



TEST NUMBER: P333491-830

CATALOG NUMBER: S125RDIP-S375D365U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6
2.5°	508.2	506.3	505.8	506.5	505.8	506.3	508.2	508.4	508.6	510.0	508.0
5°	468.9	466.7	467.8	467.4	467.8	466.7	468.9	471.1	471.6	473.4	474.8
7.5°	434.3	431.6	428.8	429.6	428.8	431.6	434.3	434.3	437.7	440.3	442.0
10°	410.1	407.9	406.6	407.7	406.6	407.9	410.1	412.9	414.2	417.3	420.6
12.5°	389.7	388.4	387.3	386.8	387.3	388.4	389.7	392.8	395.8	399.4	402.9
15°	361.9	359.4	358.3	355.4	358.3	359.4	361.9	364.6	370.4	372.0	377.4
17.5°	336.4	335.5	332.7	331.5	332.7	335.5	336.4	338.7	341.3	346.9	351.0
20°	321.2	320.4	317.5	319.2	317.5	320.4	321.2	324.5	326.7	331.3	335.2
22.5°	308.7	306.8	305.9	305.4	305.9	306.8	308.7	310.2	313.1	317.4	321.8
25°	291.0	288.1	287.0	285.8	287.0	288.1	291.0	291.8	294.9	299.1	301.4
27.5°	273.2	271.7	270.3	269.9	270.3	271.7	273.2	274.5	277.2	280.8	285.1
30°	261.7	260.2	259.2	259.2	259.2	260.2	261.7	264.4	266.4	269.7	272.9
32.5°	251.5	250.3	249.2	249.0	249.2	250.3	251.5	252.9	255.2	258.8	262.2
35°	236.5	234.8	234.3	233.0	234.3	234.8	236.5	237.6	240.0	242.6	245.4
37.5°	220.9	219.5	219.5	219.3	219.5	219.5	220.9	222.9	224.9	227.2	230.7
40°	211.0	209.9	209.7	208.2	209.7	209.9	211.0	211.9	214.1	217.2	219.7
42.5°	200.4	199.8	199.1	198.4	199.1	199.8	200.4	202.2	204.0	206.1	209.4
45°	186.0	184.5	184.5	183.4	184.5	184.5	186.0	187.5	188.4	191.0	195.4
47.5°	171.1	169.9	170.0	168.9	170.0	169.9	171.1	171.5	173.0	175.5	178.0
50°	161.2	160.5	160.3	159.9	160.3	160.5	161.2	161.0	162.7	165.0	168.3
52.5°	151.3	150.9	151.7	150.8	151.7	150.9	151.3	151.7	153.0	154.5	157.6
55°	137.9	137.2	138.6	137.2	138.6	137.2	137.9	137.4	137.9	139.4	141.4
57.5°	122.5	121.9	123.1	122.4	123.1	121.9	122.5	122.5	123.9	124.1	125.8
60°	112.4	111.0	111.7	112.0	111.7	111.0	112.4	112.8	113.3	113.5	115.2
62.5°	100.4	99.5	100.1	99.1	100.1	99.5	100.4	101.3	102.3	103.4	104.4
65°	83.4	82.8	81.9	81.4	81.9	82.8	83.4	83.9	86.2	87.6	89.9
67.5°	70.1	68.5	68.4	68.8	68.4	68.5	70.1	70.0	71.7	72.8	74.4
70°	60.3	60.3	60.1	60.1	60.1	60.3	60.3	61.6	62.5	63.3	64.5
72.5°	53.5	53.3	53.0	52.8	53.0	53.3	53.5	54.0	54.5	55.3	56.5
75°	43.2	43.4	42.9	42.7	42.9	43.4	43.2	43.2	44.0	44.2	44.7
77.5°	31.9	30.9	31.4	30.9	31.4	30.9	31.9	32.7	33.0	33.9	34.0
80°	24.1	23.9	24.6	23.9	24.6	23.9	24.1	24.1	24.8	25.3	26.4
82.5°	19.1	18.9	19.2	18.8	19.2	18.9	19.1	18.9	19.2	19.9	19.7
85°	11.5	11.3	11.1	11.3	11.1	11.3	11.5	11.3	11.1	11.3	11.5
87.5°	5.5	5.4	5.4	5.5	5.4	5.4	5.5	5.3	5.4	5.3	5.2
90°	7.4	7.5	7.7	8.0	7.7	7.5	7.4	7.1	6.8	6.4	6.0
92.5°	15.3	15.4	15.6	15.7	15.6	15.4	15.3	15.1	14.7	14.2	13.8
95°	28.2	28.4	28.5	28.7	28.5	28.4	28.2	28.1	27.7	27.2	26.7
97.5°	43.2	43.3	43.4	43.5	43.4	43.3	43.2	43.1	42.8	42.3	41.8
100°	54.2	54.4	54.5	54.7	54.5	54.4	54.2	54.0	53.6	53.0	52.3
102.5°	65.2	65.4	65.6	65.8	65.6	65.4	65.2	65.0	64.6	63.8	63.1
105°	81.9	82.2	82.4	82.7	82.4	82.2	81.9	81.7	81.4	81.0	80.5
107.5°	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.7	99.5	99.3
110°	112.8	112.7	112.6	112.6	112.6	112.7	112.8	112.9	112.8	112.6	112.4



TEST NUMBER: P333491-830

CATALOG NUMBER: S125RDIP-S375D365U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	125.5	125.4	125.3	125.2	125.3	125.4	125.5	125.6	125.6	125.5	125.5
115°	145.2	145.1	145.0	144.9	145.0	145.1	145.2	145.2	145.2	145.3	145.4
117.5°	165.1	164.9	164.6	164.2	164.6	164.9	165.1	165.4	165.5	165.5	165.4
120°	178.4	178.1	177.9	177.6	177.9	178.1	178.4	178.7	178.9	178.9	178.9
122.5°	191.6	191.3	191.1	190.9	191.1	191.3	191.6	191.8	192.0	192.0	192.1
125°	211.1	211.0	210.9	210.8	210.9	211.0	211.1	211.1	211.3	211.4	211.6
127.5°	230.5	230.4	230.2	230.1	230.2	230.4	230.5	230.6	230.7	230.8	230.9
130°	243.3	243.2	243.0	242.9	243.0	243.2	243.3	243.5	243.6	243.6	243.7
132.5°	255.4	255.2	255.1	254.9	255.1	255.2	255.4	255.7	255.8	255.9	256.0
135°	274.4	274.1	273.8	273.5	273.8	274.1	274.4	274.7	274.8	274.8	274.8
137.5°	292.8	292.5	292.1	291.7	292.1	292.5	292.8	293.2	293.4	293.3	293.2
140°	304.6	304.3	303.9	303.5	303.9	304.3	304.6	305.0	305.1	304.9	304.8
142.5°	315.8	315.4	315.1	314.7	315.1	315.4	315.8	316.1	316.3	316.2	316.1
145°	332.2	331.9	331.7	331.5	331.7	331.9	332.2	332.3	332.4	332.4	332.4
147.5°	347.3	346.8	346.3	345.8	346.3	346.8	347.3	347.8	348.0	347.8	347.6
150°	356.9	356.8	356.6	356.5	356.6	356.8	356.9	357.0	357.1	357.1	357.1
152.5°	366.1	365.8	365.5	365.2	365.5	365.8	366.1	366.3	366.4	366.2	366.0
155°	378.9	378.5	378.1	377.8	378.1	378.5	378.9	379.3	379.3	379.0	378.7
157.5°	389.7	389.2	388.7	388.2	388.7	389.2	389.7	390.2	390.3	390.0	389.6
160°	396.5	396.2	395.8	395.4	395.8	396.2	396.5	396.9	396.9	396.6	396.3
162.5°	402.8	402.4	402.0	401.5	402.0	402.4	402.8	403.3	403.3	402.9	402.6
165°	411.0	410.7	410.2	409.7	410.2	410.7	411.0	411.5	411.6	411.3	411.0
167.5°	417.6	417.2	416.7	416.3	416.7	417.2	417.6	418.1	418.1	417.6	417.3
170°	421.3	420.8	420.3	419.7	420.3	420.8	421.3	421.8	421.9	421.4	420.9
172.5°	424.0	423.6	423.1	422.6	423.1	423.6	424.0	424.5	424.5	424.0	423.7
175°	427.0	426.4	425.9	425.4	425.9	426.4	427.0	427.4	427.5	427.1	426.6
177.5°	428.3	427.8	427.4	427.0	427.4	427.8	428.3	428.7	428.7	428.4	428.0
180°	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1



TEST NUMBER: P333491-830

CATALOG NUMBER: S125RDIP-S375D365U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6
2.5°	508.6	510.5	511.5	514.0	517.5	519.2	521.6	523.4	525.8	528.8	531.2
5°	475.6	480.9	484.4	489.8	494.8	499.8	506.1	510.7	516.8	523.8	529.2
7.5°	445.1	451.6	457.4	464.6	472.9	479.3	487.6	496.0	505.5	515.4	524.7
10°	425.6	432.1	439.3	448.2	456.5	465.2	475.0	484.8	496.8	507.8	520.5
12.5°	406.2	413.5	421.5	431.5	441.5	452.6	462.6	473.6	486.5	501.0	514.4
15°	382.2	389.2	397.9	406.4	417.9	430.2	443.4	458.0	472.4	488.5	505.3
17.5°	356.5	364.1	373.7	383.6	395.7	410.0	423.0	439.0	455.2	473.9	493.7
20°	339.8	347.6	358.9	369.8	380.9	394.8	410.3	426.7	443.8	463.6	485.7
22.5°	326.5	332.1	343.3	354.3	367.3	381.6	396.7	413.8	432.5	453.1	476.1
25°	306.9	313.4	321.5	333.0	346.5	361.6	376.7	394.8	415.3	436.2	460.8
27.5°	289.4	294.7	302.7	311.8	325.3	340.8	357.0	375.9	396.9	418.2	444.0
30°	277.0	283.0	290.5	300.1	310.8	327.8	344.3	362.9	384.2	406.1	432.7
32.5°	266.3	272.3	278.9	287.9	299.4	314.5	331.6	349.8	371.5	394.2	420.0
35°	251.1	255.2	261.4	270.3	281.6	293.8	311.2	330.4	351.5	375.0	401.0
37.5°	233.8	239.1	245.2	253.0	262.9	276.1	292.3	311.7	331.3	353.7	377.4
40°	223.7	228.7	235.4	241.1	251.6	263.5	278.3	298.6	318.2	339.3	360.9
42.5°	213.4	218.2	223.9	231.0	240.3	252.0	265.8	284.6	305.7	325.6	343.7
45°	197.3	202.4	207.7	214.3	223.0	234.3	248.1	265.2	283.5	301.9	315.6
47.5°	181.9	186.6	191.8	198.5	206.5	217.4	229.7	245.0	262.7	278.2	288.0
50°	171.0	175.3	181.0	187.5	195.4	205.6	217.4	232.3	247.2	261.4	270.3
52.5°	160.1	165.0	170.7	176.3	183.9	194.1	205.0	217.9	232.1	243.6	250.9
55°	143.9	148.5	153.7	159.7	167.0	175.8	187.3	197.6	208.7	218.5	222.8
57.5°	128.3	132.3	137.2	143.4	150.1	158.2	167.3	177.1	184.9	191.9	196.8
60°	118.0	121.5	126.1	131.3	138.6	145.9	154.2	163.3	169.5	175.3	179.9
62.5°	107.5	110.9	115.3	120.0	126.3	133.2	141.1	148.5	154.5	158.4	163.7
65°	91.9	95.2	98.9	103.9	108.9	114.5	121.8	127.1	131.3	135.7	138.9
67.5°	77.3	80.0	83.5	87.5	91.7	97.2	102.7	107.3	110.1	112.7	116.6
70°	67.8	69.9	72.8	75.8	80.4	85.8	90.2	93.7	95.6	98.2	103.0
72.5°	58.0	60.5	63.2	66.2	69.9	74.5	78.3	81.8	83.0	85.1	88.2
75°	45.7	47.0	49.2	51.4	54.0	58.0	61.6	62.5	63.6	65.3	67.5
77.5°	34.6	35.7	36.7	38.1	40.2	43.3	45.2	46.6	46.8	47.5	49.6
80°	27.4	28.1	28.9	30.1	30.9	33.6	34.6	35.9	36.4	37.0	38.1
82.5°	20.2	20.7	21.3	22.2	23.6	24.7	25.7	27.1	27.1	27.6	27.8
85°	11.8	12.0	11.5	12.0	12.2	12.6	13.8	14.8	14.6	14.4	15.0
87.5°	5.3	5.3	5.0	5.4	4.9	5.0	4.9	5.0	5.2	5.4	5.7
90°	5.7	5.4	4.8	4.3	3.8	3.3	2.7	2.1	1.5	0.9	0.4
92.5°	13.3	12.8	12.2	11.5	10.8	10.3	9.7	9.3	8.9	8.5	8.1
95°	26.2	25.6	24.9	24.1	23.5	22.7	22.2	22.1	22.0	21.8	21.7
97.5°	41.4	40.8	39.8	38.8	37.8	36.8	36.2	36.2	36.1	36.0	36.0
100°	51.7	51.0	50.0	49.0	48.1	47.1	46.7	46.7	46.7	46.7	46.7
102.5°	62.4	61.6	61.2	60.6	60.1	59.7	59.3	59.0	58.7	58.4	58.1
105°	80.0	79.6	79.2	78.7	78.3	77.9	77.5	77.1	76.7	76.3	76.0
107.5°	99.1	98.9	98.5	98.2	97.8	97.6	97.2	96.8	96.4	96.0	95.7
110°	112.2	112.0	111.7	111.5	111.2	111.0	110.7	110.4	110.0	109.6	109.2



TEST NUMBER: P333491-830

CATALOG NUMBER: S125RDIP-S375D365U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	125.4	125.3	125.0	124.7	124.4	124.1	123.9	123.7	123.5	123.3	123.1
115°	145.5	145.6	145.4	145.2	145.2	145.0	144.8	144.5	144.2	143.8	143.5
117.5°	165.3	165.3	165.1	165.0	164.9	164.8	164.7	164.5	164.4	164.2	164.1
120°	178.9	178.9	178.8	178.7	178.7	178.6	178.3	178.0	177.7	177.3	176.9
122.5°	192.2	192.2	192.0	191.8	191.6	191.4	191.2	191.1	191.1	190.9	190.8
125°	211.7	211.9	211.8	211.7	211.7	211.6	211.3	210.8	210.5	210.0	209.5
127.5°	231.0	231.0	231.0	230.9	230.8	230.7	230.5	230.3	230.1	229.8	229.5
130°	243.7	243.8	243.7	243.6	243.4	243.3	243.0	242.6	242.2	241.9	241.5
132.5°	256.0	256.1	256.2	256.2	256.2	256.3	255.9	255.3	254.8	254.1	253.5
135°	274.8	274.8	274.8	274.7	274.7	274.6	274.3	273.8	273.4	273.0	272.5
137.5°	293.1	293.0	292.8	292.7	292.6	292.4	292.1	291.6	291.2	290.8	290.4
140°	304.6	304.4	304.3	304.1	303.8	303.6	303.3	302.9	302.6	302.2	301.8
142.5°	316.0	315.9	315.7	315.4	315.1	314.8	314.5	314.2	313.9	313.6	313.3
145°	332.4	332.4	332.2	332.1	331.8	331.6	331.3	331.0	330.7	330.5	330.2
147.5°	347.4	347.2	347.0	346.9	346.8	346.6	346.4	346.2	346.0	345.9	345.7
150°	357.1	357.1	356.8	356.6	356.2	355.9	355.8	355.9	356.0	356.1	356.1
152.5°	365.8	365.6	365.5	365.4	365.3	365.1	365.0	365.0	364.9	364.8	364.7
155°	378.4	378.1	378.1	378.0	377.9	377.8	377.8	377.8	377.8	377.8	377.8
157.5°	389.4	389.1	389.0	389.0	388.9	388.8	388.9	389.0	389.2	389.4	389.5
160°	396.1	395.8	395.7	395.6	395.6	395.5	395.6	395.8	396.0	396.2	396.4
162.5°	402.3	401.9	401.9	401.9	401.8	401.8	401.9	402.1	402.3	402.4	402.6
165°	410.8	410.4	410.4	410.3	410.2	410.1	410.2	410.3	410.5	410.6	410.8
167.5°	416.8	416.3	416.3	416.3	416.3	416.3	416.5	416.8	417.1	417.4	417.6
170°	420.6	420.1	420.1	420.1	420.1	420.1	420.2	420.6	420.8	421.1	421.4
172.5°	423.2	422.7	422.7	422.7	422.7	422.7	422.9	423.2	423.5	423.8	424.0
175°	426.2	425.7	425.7	425.7	425.7	425.7	425.9	426.2	426.5	426.8	427.1
177.5°	427.6	427.3	427.3	427.4	427.4	427.5	427.6	427.9	428.1	428.4	428.6
180°	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1



TEST NUMBER: P333491-830

CATALOG NUMBER: S125RDIP-S375D365U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6
2.5°	533.1	534.7	537.0	539.6	541.7	543.9	545.2	545.2	546.2	548.5	551.5
5°	534.7	540.4	545.7	552.7	558.2	564.5	569.3	573.9	578.0	583.2	588.7
7.5°	534.2	543.7	553.5	564.4	576.6	586.2	596.1	603.8	611.4	621.5	629.3
10°	532.5	544.7	558.0	571.9	587.2	600.4	612.5	623.3	633.8	644.7	654.5
12.5°	529.3	544.9	561.1	577.9	597.1	612.3	627.7	639.3	651.6	663.5	675.5
15°	524.6	542.9	562.5	585.9	609.4	626.3	641.6	656.7	668.0	681.5	693.1
17.5°	514.9	538.5	563.2	588.6	611.2	630.9	647.0	661.3	673.4	688.2	703.9
20°	509.2	534.7	560.3	587.6	609.2	629.4	644.9	659.7	674.7	694.1	713.2
22.5°	501.1	528.4	555.6	581.5	604.3	623.9	639.8	657.9	677.7	699.6	722.8
25°	488.5	516.6	543.6	568.2	590.4	610.5	632.3	656.7	680.6	709.5	742.9
27.5°	472.4	499.5	523.6	549.6	571.7	597.2	624.3	650.8	685.3	725.2	766.8
30°	460.4	486.1	509.0	533.6	558.6	586.7	617.2	648.4	689.6	736.3	785.8
32.5°	446.5	469.8	492.4	516.1	545.1	575.9	608.3	646.4	695.6	748.9	800.0
35°	422.3	443.2	465.2	491.5	522.3	555.8	597.2	643.6	703.0	760.3	806.3
37.5°	396.9	413.5	435.5	463.4	496.8	535.6	582.6	638.9	699.9	751.4	770.9
40°	377.4	392.9	416.2	445.4	478.5	520.9	573.6	631.6	693.1	728.7	727.2
42.5°	358.1	373.7	396.2	425.6	460.1	507.6	561.8	622.0	673.8	687.4	659.1
45°	328.4	343.0	365.0	394.6	431.7	481.5	538.6	596.3	629.4	607.4	551.2
47.5°	298.2	312.4	332.8	361.7	402.2	454.4	508.4	555.7	560.3	513.1	445.7
50°	278.3	291.6	311.0	342.0	381.2	432.1	484.2	521.4	509.8	452.1	382.7
52.5°	259.0	271.7	289.9	319.1	359.2	409.1	455.5	484.8	458.1	396.7	334.2
55°	230.5	242.6	260.9	287.7	324.0	369.8	410.6	421.2	382.0	320.2	269.7
57.5°	203.3	212.3	230.3	254.0	289.1	329.4	358.5	356.7	313.4	257.7	221.4
60°	185.3	193.4	210.6	232.3	265.7	301.9	322.3	313.6	269.8	223.9	189.1
62.5°	168.6	176.2	190.6	210.6	239.2	270.7	285.6	273.5	232.2	191.8	164.1
65°	143.3	148.7	160.3	178.8	201.2	223.0	236.3	218.7	182.1	151.6	130.6
67.5°	119.6	124.3	134.6	147.9	163.3	178.4	183.8	167.3	138.8	118.3	103.5
70°	104.3	108.7	115.6	128.1	138.3	148.9	151.6	136.8	113.0	97.4	88.2
72.5°	89.7	93.7	99.8	108.6	115.6	121.8	123.0	109.2	91.0	80.3	73.2
75°	68.4	71.9	75.8	79.1	83.6	84.7	84.3	73.6	63.8	56.6	52.7
77.5°	50.2	51.7	54.1	55.4	55.6	55.5	53.3	46.6	41.5	38.5	36.9
80°	38.7	39.9	40.5	40.9	41.2	39.0	36.6	32.4	30.7	28.9	27.1
82.5°	28.2	28.8	29.5	29.6	28.5	26.6	24.4	22.3	21.1	20.3	19.5
85°	15.3	15.5	15.3	14.1	12.6	12.0	11.5	11.1	10.9	10.7	10.7
87.5°	5.6	5.2	4.4	4.7	4.8	4.8	4.9	4.8	4.7	4.8	4.9
90°	0.9	1.5	2.1	2.7	3.3	3.8	4.3	4.8	5.4	5.7	6.0
92.5°	8.5	8.9	9.3	9.7	10.3	10.8	11.5	12.2	12.8	13.3	13.8
95°	21.8	22.0	22.1	22.2	22.7	23.5	24.1	24.9	25.6	26.2	26.7
97.5°	36.0	36.1	36.2	36.2	36.8	37.8	38.8	39.8	40.8	41.4	41.8
100°	46.7	46.7	46.7	46.7	47.1	48.1	49.0	50.0	51.0	51.7	52.3
102.5°	58.4	58.7	59.0	59.3	59.7	60.1	60.6	61.2	61.6	62.4	63.1
105°	76.3	76.7	77.1	77.5	77.9	78.3	78.7	79.2	79.6	80.0	80.5
107.5°	96.0	96.4	96.8	97.2	97.6	97.8	98.2	98.5	98.9	99.1	99.3
110°	109.6	110.0	110.4	110.7	111.0	111.2	111.5	111.7	112.0	112.2	112.4



TEST NUMBER: P333491-830

CATALOG NUMBER: S125RDIP-S375D365U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	123.3	123.5	123.7	123.9	124.1	124.4	124.7	125.0	125.3	125.4	125.5
115°	143.8	144.2	144.5	144.8	145.0	145.2	145.2	145.4	145.6	145.5	145.4
117.5°	164.2	164.4	164.5	164.7	164.8	164.9	165.0	165.1	165.3	165.3	165.4
120°	177.3	177.7	178.0	178.3	178.6	178.7	178.7	178.8	178.9	178.9	178.9
122.5°	190.9	191.1	191.1	191.2	191.4	191.6	191.8	192.0	192.2	192.2	192.1
125°	210.0	210.5	210.8	211.3	211.6	211.7	211.7	211.8	211.9	211.7	211.6
127.5°	229.8	230.1	230.3	230.5	230.7	230.8	230.9	231.0	231.0	231.0	230.9
130°	241.9	242.2	242.6	243.0	243.3	243.4	243.6	243.7	243.8	243.7	243.7
132.5°	254.1	254.8	255.3	255.9	256.3	256.2	256.2	256.2	256.1	256.0	256.0
135°	273.0	273.4	273.8	274.3	274.6	274.7	274.7	274.8	274.8	274.8	274.8
137.5°	290.8	291.2	291.6	292.1	292.4	292.6	292.7	292.8	293.0	293.1	293.2
140°	302.2	302.6	302.9	303.3	303.6	303.8	304.1	304.3	304.4	304.6	304.8
142.5°	313.6	313.9	314.2	314.5	314.8	315.1	315.4	315.7	315.9	316.0	316.1
145°	330.5	330.7	331.0	331.3	331.6	331.8	332.1	332.2	332.4	332.4	332.4
147.5°	345.9	346.0	346.2	346.4	346.6	346.8	346.9	347.0	347.2	347.4	347.6
150°	356.1	356.0	355.9	355.8	355.9	356.2	356.6	356.8	357.1	357.1	357.1
152.5°	364.8	364.9	365.0	365.0	365.1	365.3	365.4	365.5	365.6	365.8	366.0
155°	377.8	377.8	377.8	377.8	377.8	377.9	378.0	378.1	378.1	378.4	378.7
157.5°	389.4	389.2	389.0	388.9	388.8	388.9	389.0	389.0	389.1	389.4	389.6
160°	396.2	396.0	395.8	395.6	395.5	395.6	395.6	395.7	395.8	396.1	396.3
162.5°	402.4	402.3	402.1	401.9	401.8	401.8	401.9	401.9	401.9	402.3	402.6
165°	410.6	410.5	410.3	410.2	410.1	410.2	410.3	410.4	410.4	410.8	411.0
167.5°	417.4	417.1	416.8	416.5	416.3	416.3	416.3	416.3	416.3	416.8	417.3
170°	421.1	420.8	420.6	420.2	420.1	420.1	420.1	420.1	420.1	420.6	420.9
172.5°	423.8	423.5	423.2	422.9	422.7	422.7	422.7	422.7	422.7	423.2	423.7
175°	426.8	426.5	426.2	425.9	425.7	425.7	425.7	425.7	425.7	426.2	426.6
177.5°	428.4	428.1	427.9	427.6	427.5	427.4	427.4	427.3	427.3	427.6	428.0
180°	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	530.6	530.6	530.6	530.6	530.6	530.6	530.6
2.5°	553.7	553.7	556.7	556.5	558.5	557.7	558.1
5°	595.2	598.9	602.2	604.4	607.7	608.5	608.0
7.5°	638.3	646.5	650.4	656.0	657.0	659.9	659.6
10°	664.9	673.0	679.1	683.8	686.3	689.3	689.6
12.5°	685.8	692.7	698.0	702.5	705.4	706.3	706.9
15°	702.2	709.7	716.0	722.4	726.1	729.0	730.5
17.5°	718.6	730.4	741.5	750.1	755.3	759.6	759.6
20°	731.3	744.8	758.7	768.5	778.6	783.0	783.6
22.5°	744.9	765.5	783.5	798.7	811.9	816.4	818.1
25°	773.2	800.1	827.8	849.1	864.4	873.4	874.7
27.5°	807.3	843.8	872.9	892.6	905.2	911.9	913.3
30°	831.3	865.1	891.2	906.0	911.9	912.8	909.5
32.5°	842.1	867.3	877.8	876.9	865.3	857.7	854.8
35°	828.9	823.7	798.2	767.7	744.4	729.6	725.7
37.5°	754.3	709.3	662.4	616.3	591.8	579.3	557.9
40°	680.8	616.5	567.8	529.0	501.3	479.1	473.9
42.5°	597.9	531.5	482.8	449.6	427.4	412.3	405.6
45°	480.4	423.4	383.0	357.6	340.6	329.5	324.5
47.5°	384.3	340.1	310.8	291.9	278.9	269.3	266.6
50°	331.5	296.1	271.4	255.4	245.6	238.3	235.3
52.5°	287.9	259.4	240.3	227.2	218.0	213.4	210.8
55°	237.6	213.0	199.3	188.8	183.6	179.9	178.1
57.5°	194.4	176.5	166.5	159.3	154.5	152.1	151.3
60°	170.1	156.2	147.0	141.4	138.1	135.1	134.1
62.5°	148.6	137.7	130.6	125.6	122.4	121.1	120.6
65°	119.8	112.6	107.4	104.3	101.7	101.2	101.0
67.5°	95.2	91.0	88.2	85.1	84.2	82.7	82.3
70°	81.4	78.6	75.3	74.3	73.1	71.6	71.9
72.5°	69.1	66.3	64.0	62.6	62.2	61.5	62.1
75°	50.5	49.7	48.8	47.7	47.2	47.2	47.0
77.5°	36.1	35.3	34.4	33.7	33.6	32.7	33.0
80°	26.1	25.1	24.6	24.8	24.1	23.9	23.9
82.5°	19.3	18.9	18.5	18.6	18.4	18.2	18.4
85°	10.7	10.5	10.5	10.3	10.3	10.0	10.0
87.5°	5.1	5.4	5.1	5.0	5.0	5.2	5.5
90°	6.4	6.8	7.1	7.4	7.5	7.7	8.0
92.5°	14.2	14.7	15.1	15.3	15.4	15.6	15.7
95°	27.2	27.7	28.1	28.2	28.4	28.5	28.7
97.5°	42.3	42.8	43.1	43.2	43.3	43.4	43.5
100°	53.0	53.6	54.0	54.2	54.4	54.5	54.7
102.5°	63.8	64.6	65.0	65.2	65.4	65.6	65.8
105°	81.0	81.4	81.7	81.9	82.2	82.4	82.7
107.5°	99.5	99.7	99.9	99.8	99.8	99.8	99.8
110°	112.6	112.8	112.9	112.8	112.7	112.6	112.6



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	125.5	125.6	125.6	125.5	125.4	125.3	125.2
115°	145.3	145.2	145.2	145.2	145.1	145.0	144.9
117.5°	165.5	165.5	165.4	165.1	164.9	164.6	164.2
120°	178.9	178.9	178.7	178.4	178.1	177.9	177.6
122.5°	192.0	192.0	191.8	191.6	191.3	191.1	190.9
125°	211.4	211.3	211.1	211.1	211.0	210.9	210.8
127.5°	230.8	230.7	230.6	230.5	230.4	230.2	230.1
130°	243.6	243.6	243.5	243.3	243.2	243.0	242.9
132.5°	255.9	255.8	255.7	255.4	255.2	255.1	254.9
135°	274.8	274.8	274.7	274.4	274.1	273.8	273.5
137.5°	293.3	293.4	293.2	292.8	292.5	292.1	291.7
140°	304.9	305.1	305.0	304.6	304.3	303.9	303.5
142.5°	316.2	316.3	316.1	315.8	315.4	315.1	314.7
145°	332.4	332.4	332.3	332.2	331.9	331.7	331.5
147.5°	347.8	348.0	347.8	347.3	346.8	346.3	345.8
150°	357.1	357.1	357.0	356.9	356.8	356.6	356.5
152.5°	366.2	366.4	366.3	366.1	365.8	365.5	365.2
155°	379.0	379.3	379.3	378.9	378.5	378.1	377.8
157.5°	390.0	390.3	390.2	389.7	389.2	388.7	388.2
160°	396.6	396.9	396.9	396.5	396.2	395.8	395.4
162.5°	402.9	403.3	403.3	402.8	402.4	402.0	401.5
165°	411.3	411.6	411.5	411.0	410.7	410.2	409.7
167.5°	417.6	418.1	418.1	417.6	417.2	416.7	416.3
170°	421.4	421.9	421.8	421.3	420.8	420.3	419.7
172.5°	424.0	424.5	424.5	424.0	423.6	423.1	422.6
175°	427.1	427.5	427.4	427.0	426.4	425.9	425.4
177.5°	428.4	428.7	428.7	428.3	427.8	427.4	427.0
180°	428.1	428.1	428.1	428.1	428.1	428.1	428.1

(END OF REPORT)