

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: P333492-927

Luminaire Tested: **S125RDIP-S375D365U927-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333492-927
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-19,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S125RDIP-S375D365U927-4F0-1E-UDD-A4
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 375 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 365 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2197.4 lumens
Efficiency: N/A
Efficacy: 108.2 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

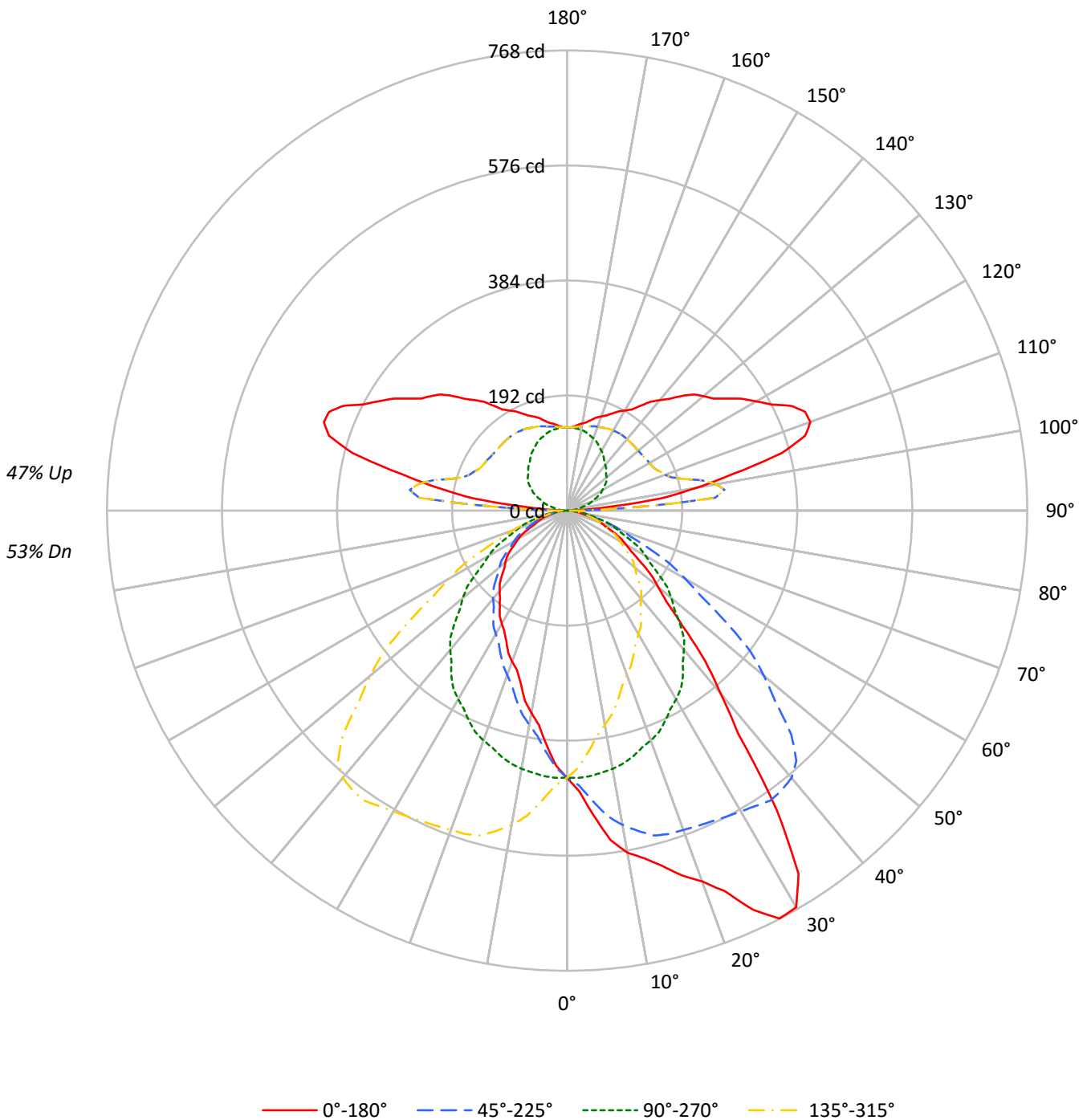
Input Watts (W): 20.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333492-927

CATALOG NUMBER: S125RDIP-S375D365U927-4F0-1E-UDD-A4

Luminous Intensity Polar Plot





TEST NUMBER: P333492-927

CATALOG NUMBER: S125RDIP-S375D365U927-4F0-1E-UDD-A4

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	71	71	71	59	59	59	53
1	99	95	91	88	91	88	85	82	75	73	71	63	62	60	52	51	50	45
2	90	83	77	72	83	77	72	68	66	62	59	56	53	51	47	45	43	39
3	83	73	66	61	76	68	62	57	59	54	50	50	46	43	42	39	37	33
4	76	65	57	52	70	61	54	49	52	47	43	45	41	38	37	35	32	29
5	70	58	50	44	64	54	47	42	47	42	37	40	36	33	34	31	28	25
6	64	52	44	39	59	49	42	37	42	37	33	36	32	29	31	28	25	22
7	59	47	39	34	55	44	37	32	39	33	29	33	29	26	28	25	22	20
8	55	43	35	30	51	40	33	29	35	30	26	30	26	23	26	22	20	18
9	51	39	32	27	48	37	30	26	32	27	23	28	24	21	24	21	18	16
10	48	36	29	24	45	34	27	23	30	24	21	26	22	19	22	19	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	2880	2880	2880	2880
5°	3313	2884	2547	2884
10°	3801	2868	2247	2868
15°	4105	2840	1997	2840
20°	4526	2805	1844	2805
25°	5238	2760	1712	2760
30°	5700	2712	1625	2712
35°	4809	2657	1544	2657
40°	3358	2557	1475	2557
45°	2491	2422	1408	2422
50°	1986	2283	1350	2283
55°	1686	2109	1298	2109
60°	1456	1953	1215	1953
65°	1297	1785	1045	1785
70°	1141	1635	954	1635
75°	986	1415	896	1415
80°	748	1190	748	1190
85°	622	934	704	934



TEST NUMBER: P333492-927

CATALOG NUMBER: S125RDIP-S375D365U927-4F0-1E-UDD-A4

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.8	1.9
10°-20°	125.3	5.7
20°-30°	198.7	9.0
30°-40°	239.6	10.9
40°-50°	214.0	9.7
50°-60°	164.1	7.5
60°-70°	106.6	4.9
70°-80°	51.8	2.4
80°-90°	13.1	0.6
90°-100°	100.7	4.6
100°-110°	216.4	9.8
110°-120°	203.1	9.2
120°-130°	164.6	7.5
130°-140°	132.1	6.0
140°-150°	99.7	4.5
150°-160°	70.1	3.2
160°-170°	41.4	1.9
170°-180°	13.5	0.6
0°-30°	366.8	16.7
0°-40°	606.3	27.6
0°-60°	984.4	44.8
0°-90°	1156.0	52.6
90°-120°	520.1	23.7
90°-150°	916.4	41.7
90°-180°	1041.0	47.4
0°-180°	2197.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	446	446	446	446	446	
5°	511	445	393	445	511	51
15°	614	425	299	425	614	176
25°	735	387	240	387	735	338
35°	610	337	196	337	610	368
45°	273	265	154	265	273	218
55°	150	187	115	187	150	136
65°	85	117	68	117	85	84
75°	40	57	36	57	40	42
85°	8	13	10	13	8	10
90°	6	0	6	0	6	5
95°	66	9	66	9	66	93
105°	371	32	371	32	371	369
115°	413	57	413	57	413	404
125°	326	78	326	78	326	295
135°	270	92	270	92	270	210
145°	213	107	213	107	213	136
155°	179	122	179	122	179	83
165°	157	133	157	133	157	45
175°	141	139	141	139	141	14
180°	139	139	139	139	139	



TEST NUMBER: P333492-927

CATALOG NUMBER: S125RDIP-S375D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9
2.5°	469.1	468.7	469.4	467.7	467.9	465.4	465.4	463.5	461.0	459.1	458.2
5°	511.0	511.4	510.7	507.9	506.1	503.4	500.3	494.8	490.2	485.8	482.4
7.5°	554.4	554.6	552.2	551.4	546.7	543.4	536.5	528.9	522.4	513.9	507.5
10°	579.6	579.3	576.8	574.7	570.8	565.6	558.8	550.1	541.9	532.7	523.9
12.5°	594.1	593.7	592.9	590.4	586.7	582.2	576.4	567.8	557.6	547.6	537.3
15°	613.9	612.7	610.3	607.1	601.8	596.5	590.2	582.5	572.7	561.4	551.9
17.5°	638.4	638.4	634.8	630.4	623.2	613.9	604.0	591.6	578.4	565.9	555.8
20°	658.6	658.1	654.4	645.9	637.7	626.0	614.7	599.4	583.4	567.0	554.4
22.5°	687.6	686.2	682.4	671.3	658.5	643.4	626.1	607.5	588.0	569.6	552.9
25°	735.1	734.0	726.5	713.7	695.8	672.5	649.8	624.4	596.4	572.0	551.9
27.5°	767.6	766.4	760.8	750.2	733.6	709.2	678.5	644.4	609.5	576.0	547.0
30°	764.4	767.1	766.4	761.4	749.0	727.1	698.7	660.4	618.9	579.6	544.9
32.5°	718.4	720.9	727.3	737.0	737.8	729.0	707.7	672.4	629.4	584.6	543.3
35°	609.9	613.2	625.7	645.2	670.9	692.3	696.6	677.6	639.0	590.9	540.9
37.5°	468.9	486.9	497.4	518.0	556.7	596.1	634.0	647.9	631.5	588.3	537.0
40°	398.3	402.7	421.4	444.7	477.2	518.2	572.2	611.2	612.4	582.5	530.8
42.5°	340.9	346.5	359.3	377.9	405.8	446.7	502.5	554.0	577.7	566.3	522.8
45°	272.7	276.9	286.3	300.6	321.9	355.8	403.8	463.3	510.5	529.0	501.2
47.5°	224.0	226.3	234.4	245.3	261.2	285.8	323.0	374.6	431.3	471.0	467.1
50°	197.7	200.3	206.4	214.7	228.1	248.9	278.6	321.6	380.0	428.5	438.2
52.5°	177.2	179.4	183.2	191.0	202.0	218.0	242.0	280.9	333.4	385.0	407.5
55°	149.7	151.2	154.3	158.7	167.5	179.0	199.7	226.6	269.1	321.1	354.0
57.5°	127.1	127.9	129.8	133.9	140.0	148.4	163.3	186.1	216.6	263.4	299.8
60°	112.7	113.5	116.1	118.8	123.6	131.3	143.0	158.9	188.1	226.8	263.6
62.5°	101.3	101.8	102.9	105.6	109.8	115.7	124.9	137.9	161.2	195.2	229.9
65°	84.9	85.1	85.5	87.7	90.2	94.7	100.7	109.8	127.4	153.0	183.8
67.5°	69.2	69.5	70.7	71.5	74.1	76.4	80.0	87.0	99.4	116.7	140.6
70°	60.4	60.2	61.5	62.4	63.3	66.1	68.4	74.1	81.8	95.0	114.9
72.5°	52.2	51.7	52.3	52.6	53.8	55.7	58.1	61.6	67.5	76.5	91.8
75°	39.5	39.7	39.7	40.1	41.0	41.7	42.5	44.3	47.6	53.6	61.9
77.5°	27.7	27.5	28.2	28.4	28.9	29.7	30.3	31.1	32.4	34.9	39.1
80°	20.1	20.1	20.3	20.8	20.7	21.1	21.9	22.7	24.3	25.8	27.3
82.5°	15.4	15.3	15.4	15.6	15.5	15.9	16.2	16.4	17.0	17.7	18.8
85°	8.4	8.4	8.6	8.6	8.8	8.8	9.0	9.0	9.0	9.2	9.3
87.5°	4.5	4.4	4.2	4.2	4.3	4.5	4.3	4.1	4.0	4.0	4.0
90°	6.4	6.4	6.2	6.2	6.2	5.6	5.3	5.1	4.8	4.5	3.9
92.5°	17.8	18.3	18.7	19.4	23.0	27.1	36.0	49.6	73.0	90.2	91.7
95°	65.8	70.3	72.5	80.9	100.8	124.3	158.8	201.3	242.7	248.0	202.4
97.5°	159.0	162.6	170.7	186.4	203.7	236.4	270.0	299.8	307.1	264.9	180.8
100°	218.4	222.8	233.2	253.3	272.7	301.8	330.7	344.4	322.8	252.8	161.3
102.5°	284.7	288.0	299.3	313.6	334.3	354.0	367.8	359.3	313.4	231.6	146.5
105°	371.0	374.3	379.9	389.1	398.2	401.2	388.9	350.5	283.4	203.0	132.1
107.5°	416.8	419.0	420.9	420.9	416.4	401.7	370.1	318.9	252.6	183.3	126.1
110°	432.0	432.0	430.0	424.7	412.1	388.3	348.9	295.6	235.2	174.1	124.3



TEST NUMBER: P333492-927

CATALOG NUMBER: S125RDIP-S375D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	430.2	428.2	423.3	414.2	395.8	367.7	327.8	277.3	222.2	168.7	124.3
115°	413.2	409.6	401.7	388.3	366.5	336.0	297.6	254.2	208.0	163.0	125.2
117.5°	383.5	381.3	373.5	359.6	337.8	309.7	276.7	239.3	199.6	160.1	127.0
120°	364.2	362.0	354.4	341.0	320.3	295.6	264.8	231.2	194.9	158.8	128.8
122.5°	347.2	345.2	337.6	325.3	306.8	283.8	256.4	225.2	190.8	157.6	130.3
125°	325.6	322.8	316.6	305.1	289.5	269.3	244.9	216.4	185.4	156.2	133.0
127.5°	307.1	305.9	300.1	289.9	275.7	256.8	234.1	207.5	180.3	155.6	135.9
130°	297.1	295.4	289.8	280.5	266.6	248.3	226.5	201.8	177.0	155.1	137.8
132.5°	286.9	285.0	279.9	270.7	256.7	239.2	219.4	196.2	174.3	155.1	139.7
135°	270.5	268.8	263.7	254.5	242.2	226.2	208.3	189.0	171.0	155.1	142.5
137.5°	252.8	251.0	246.3	237.9	226.9	213.3	198.4	182.8	168.2	155.4	145.0
140°	240.5	239.1	234.9	227.6	217.2	205.5	192.6	179.4	166.8	155.7	146.2
142.5°	229.1	227.9	223.9	217.8	209.0	198.8	187.7	176.6	165.7	155.9	146.8
145°	213.3	212.2	209.1	204.4	197.6	190.1	181.4	172.8	164.1	155.7	147.5
147.5°	200.0	199.5	197.7	193.9	188.6	182.9	176.2	169.1	162.3	155.0	147.8
150°	192.6	192.3	191.2	187.8	183.6	178.6	173.3	167.2	161.0	154.2	147.8
152.5°	186.8	186.5	185.4	182.7	179.2	175.2	170.4	164.9	159.4	153.4	147.6
155°	178.9	178.6	177.8	175.8	173.0	169.9	166.0	161.5	156.8	151.8	146.9
157.5°	171.8	171.9	171.1	169.5	167.3	164.9	161.8	158.2	154.3	150.0	146.2
160°	167.2	167.4	166.8	165.5	163.5	161.5	158.8	156.0	152.3	148.9	145.6
162.5°	162.9	163.0	162.8	161.7	160.2	158.4	156.1	153.4	150.5	147.6	144.9
165°	156.8	156.8	156.8	156.2	155.1	153.7	152.0	150.0	147.8	145.6	143.9
167.5°	151.1	151.2	151.5	151.0	150.4	149.4	148.1	146.8	145.2	143.6	142.4
170°	147.8	148.1	148.1	147.8	147.3	146.7	145.8	145.0	143.6	142.5	141.6
172.5°	144.7	145.0	145.4	144.9	144.8	144.5	143.9	143.0	142.0	141.2	140.8
175°	140.9	141.1	141.6	141.4	141.4	141.4	140.9	140.9	140.0	139.7	139.7
177.5°	138.9	138.9	139.5	139.3	139.5	139.5	139.5	139.3	139.1	138.9	138.9
180°	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9



TEST NUMBER: P333492-927

CATALOG NUMBER: S125RDIP-S375D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9
2.5°	458.2	457.2	455.3	453.5	451.3	449.4	448.1	446.5	444.4	442.0	439.9
5°	478.5	474.4	469.1	464.5	458.7	454.2	449.4	444.8	440.2	434.4	429.2
7.5°	501.0	492.7	484.6	474.4	465.2	456.9	449.0	441.0	433.2	424.8	416.8
10°	514.8	504.6	493.5	480.7	469.0	457.8	447.6	437.4	426.8	417.6	407.5
12.5°	527.6	514.6	501.8	485.7	471.6	458.0	444.9	432.4	421.0	408.9	398.1
15°	539.2	526.4	512.1	492.4	472.8	456.3	440.9	424.7	410.6	397.0	384.9
17.5°	543.8	530.3	513.7	494.7	473.3	452.6	432.8	414.9	398.3	382.5	369.0
20°	542.0	529.0	512.0	493.8	471.0	449.4	427.9	408.2	389.7	373.0	358.6
22.5°	537.7	524.3	507.9	488.7	467.0	444.1	421.2	400.1	380.8	363.5	347.8
25°	531.4	513.1	496.2	477.5	456.9	434.2	410.6	387.3	366.6	349.0	331.8
27.5°	524.7	501.9	480.5	461.9	440.1	419.9	397.0	373.2	351.5	333.6	315.9
30°	518.7	493.1	469.5	448.5	427.8	408.5	387.0	363.7	341.4	322.9	305.0
32.5°	511.3	484.0	458.1	433.8	413.8	394.8	375.3	353.0	331.3	312.2	294.0
35°	501.9	467.1	438.9	413.1	391.0	372.5	354.9	337.0	315.2	295.4	277.7
37.5°	489.6	450.1	417.6	389.4	366.1	347.5	333.6	317.2	297.3	278.5	262.0
40°	482.1	437.8	402.2	374.3	349.8	330.2	317.2	303.3	285.2	267.4	251.0
42.5°	472.2	426.6	386.7	357.7	333.0	314.1	301.0	288.8	273.6	256.9	239.2
45°	452.7	404.7	362.8	331.7	306.8	288.3	276.0	265.2	253.7	238.3	222.9
47.5°	427.3	381.9	338.0	304.0	279.7	262.5	250.6	242.1	233.9	220.8	205.9
50°	406.9	363.1	320.4	287.4	261.4	245.1	233.9	227.2	219.7	207.8	195.3
52.5°	382.9	343.8	301.9	268.2	243.7	228.4	217.7	210.9	204.7	195.0	183.2
55°	345.1	310.8	272.4	241.8	219.3	203.9	193.7	187.3	183.6	175.4	166.0
57.5°	301.3	276.9	243.0	213.5	193.5	178.4	170.9	165.4	161.3	155.4	148.9
60°	270.9	253.7	223.3	195.3	177.0	162.6	155.7	151.2	147.3	142.4	137.3
62.5°	240.0	227.5	201.1	177.0	160.2	148.1	141.7	137.6	133.2	129.8	124.8
65°	198.6	187.4	169.1	150.3	134.8	125.0	120.4	116.8	114.1	110.4	106.9
67.5°	154.5	150.0	137.3	124.3	113.1	104.5	100.5	98.0	94.7	92.5	90.2
70°	127.4	125.2	116.2	107.7	97.2	91.3	87.7	86.6	82.5	80.3	78.7
72.5°	103.4	102.3	97.2	91.3	83.9	78.7	75.4	74.1	71.5	69.8	68.8
75°	70.8	71.2	70.3	66.5	63.7	60.4	57.5	56.7	54.9	53.5	52.5
77.5°	44.8	46.7	46.7	46.6	45.5	43.5	42.2	41.7	39.9	39.4	39.1
80°	30.7	32.8	34.6	34.4	34.1	33.5	32.6	32.0	31.1	30.6	30.2
82.5°	20.5	22.3	23.9	24.9	24.8	24.2	23.7	23.4	23.2	22.8	22.7
85°	9.7	10.1	10.6	11.9	12.8	13.0	12.8	12.6	12.1	12.3	12.4
87.5°	4.1	4.0	4.0	4.0	3.7	4.4	4.7	4.8	4.5	4.4	4.1
90°	3.6	3.1	2.8	2.2	1.7	1.1	0.6	0.3	0.6	1.1	1.7
92.5°	63.8	38.3	23.0	14.8	10.0	6.5	4.1	3.4	4.1	6.5	10.0
95°	125.2	63.5	33.6	21.0	14.8	11.7	9.5	9.3	9.5	11.7	14.8
97.5°	99.9	54.7	34.9	25.9	20.4	17.3	15.7	15.4	15.7	17.3	20.4
100°	90.7	54.3	38.1	29.7	24.3	21.3	20.1	19.6	20.1	21.3	24.3
102.5°	86.9	56.3	41.9	33.7	28.8	25.5	24.6	24.3	24.6	25.5	28.8
105°	85.4	60.4	48.2	40.3	35.8	33.0	31.6	31.6	31.6	33.0	35.8
107.5°	87.9	66.6	54.7	47.7	43.0	40.7	39.4	38.8	39.4	40.7	43.0
110°	90.5	71.1	59.7	52.4	48.2	45.6	44.5	44.0	44.5	45.6	48.2



TEST NUMBER: P333492-927

CATALOG NUMBER: S125RDIP-S375D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	93.6	75.3	64.3	57.3	53.1	50.5	49.7	49.1	49.7	50.5	53.1
115°	98.2	82.1	71.7	64.6	60.4	58.0	57.1	56.6	57.1	58.0	60.4
117.5°	103.6	88.9	79.1	72.3	67.5	65.0	64.1	63.3	64.1	65.0	67.5
120°	107.3	93.8	84.0	77.0	72.2	69.7	68.6	67.7	68.6	69.7	72.2
122.5°	111.2	98.5	88.7	81.7	76.5	74.0	73.0	72.5	73.0	74.0	76.5
125°	116.8	104.7	95.5	88.2	82.9	80.3	79.0	78.4	79.0	80.3	82.9
127.5°	121.8	110.7	101.8	94.5	88.9	85.6	83.9	83.0	83.9	85.6	88.9
130°	125.2	114.5	105.8	98.5	92.7	89.0	86.8	86.0	86.8	89.0	92.7
132.5°	128.1	118.1	109.4	102.1	96.0	92.0	89.3	88.2	89.3	92.0	96.0
135°	132.1	122.9	114.2	106.7	100.8	96.3	92.9	91.8	92.9	96.3	100.8
137.5°	135.1	126.4	118.4	110.7	104.9	100.4	97.3	96.4	97.3	100.4	104.9
140°	137.2	128.8	120.6	113.1	107.8	103.3	100.0	99.1	100.0	103.3	107.8
142.5°	138.3	130.3	122.7	115.6	110.5	106.0	102.8	102.3	102.8	106.0	110.5
145°	140.0	133.0	125.7	119.3	114.2	110.3	107.5	106.9	107.5	110.3	114.2
147.5°	141.0	134.7	128.3	122.6	118.3	114.6	112.2	111.9	112.2	114.6	118.3
150°	141.6	135.8	129.6	124.8	121.0	117.3	115.3	114.8	115.3	117.3	121.0
152.5°	142.1	136.9	131.2	126.9	123.2	120.0	118.3	118.0	118.3	120.0	123.2
155°	142.5	138.0	133.2	129.4	126.5	123.7	122.1	122.1	122.1	123.7	126.5
157.5°	142.8	138.9	134.9	131.9	129.4	127.1	125.7	125.8	125.7	127.1	129.4
160°	142.8	139.4	135.8	133.2	131.0	129.0	127.9	128.3	127.9	129.0	131.0
162.5°	142.6	139.9	136.7	134.6	132.8	131.1	130.0	130.2	130.0	131.1	132.8
165°	142.2	140.0	137.8	136.1	134.9	133.6	132.7	133.2	132.7	133.6	134.9
167.5°	141.6	140.0	138.2	137.0	136.3	135.5	135.0	135.3	135.0	135.5	136.3
170°	141.1	140.0	138.6	137.8	137.2	136.7	136.3	136.7	136.3	136.7	137.2
172.5°	140.7	139.7	138.6	138.2	137.8	137.3	137.0	137.5	137.0	137.3	137.8
175°	140.0	139.4	138.6	138.6	138.6	138.3	138.0	138.6	138.0	138.3	138.6
177.5°	139.3	139.1	138.6	138.6	138.9	138.6	138.6	139.1	138.6	138.6	138.9
180°	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9



TEST NUMBER: P333492-927

CATALOG NUMBER: S125RDIP-S375D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9
2.5°	438.4	436.4	434.9	432.0	429.9	429.0	427.5	427.0	428.6	427.5	427.3
5°	425.4	420.1	415.9	411.7	407.1	404.2	399.7	399.0	397.9	396.3	395.9
7.5°	409.8	402.8	397.4	390.5	384.4	379.5	374.1	371.5	370.0	367.9	365.0
10°	399.3	391.0	383.7	376.7	369.2	363.1	357.7	353.5	350.7	348.2	347.1
12.5°	388.8	380.4	371.1	362.7	354.3	347.5	341.4	338.7	335.6	332.6	330.1
15°	372.6	361.6	351.3	341.6	334.5	327.1	321.2	317.2	312.7	311.3	306.4
17.5°	355.5	344.6	332.6	322.4	314.1	306.0	299.6	295.0	291.6	286.8	284.6
20°	344.8	331.8	320.1	310.8	301.7	292.2	285.6	281.7	278.5	274.6	272.7
22.5°	333.4	320.8	308.7	297.8	288.5	279.1	274.4	270.5	266.7	263.2	260.7
25°	316.6	303.9	291.2	279.9	270.2	263.4	257.9	253.3	251.4	247.9	245.3
27.5°	300.1	286.5	273.4	262.1	254.4	247.7	243.2	239.6	236.0	233.0	230.7
30°	289.4	275.5	261.2	252.2	244.2	237.8	232.8	229.3	226.6	223.9	222.2
32.5°	278.7	264.4	251.7	242.0	234.4	228.9	223.8	220.4	217.5	214.5	212.5
35°	261.6	246.9	236.7	227.2	219.7	214.5	211.0	206.3	203.9	201.7	199.7
37.5°	245.7	232.0	220.9	212.6	206.0	201.0	196.5	193.9	191.0	189.0	187.4
40°	233.9	221.5	211.4	202.6	197.9	192.2	188.0	184.7	182.5	179.9	178.1
42.5°	223.4	211.8	202.0	194.2	188.2	183.4	179.4	176.0	173.3	171.4	169.9
45°	208.5	196.9	187.4	180.1	174.6	170.1	165.8	164.2	160.5	158.4	157.6
47.5°	193.1	182.8	173.6	166.8	161.2	156.9	152.9	149.6	147.5	145.4	144.2
50°	182.7	172.8	164.2	157.6	152.1	147.3	143.7	141.5	138.7	136.7	135.3
52.5°	172.3	163.1	154.6	148.2	143.5	138.7	134.6	132.5	129.8	128.6	127.5
55°	157.4	147.7	140.4	134.2	129.2	124.8	121.0	118.8	117.2	115.9	115.5
57.5°	140.6	132.9	126.1	120.5	115.3	111.2	107.8	105.8	104.3	104.1	103.0
60°	129.6	122.6	116.5	110.4	106.0	102.1	99.2	96.8	95.4	95.2	94.8
62.5°	118.6	111.9	106.2	100.8	96.9	93.2	90.4	87.8	86.9	86.0	85.2
65°	102.3	96.3	91.5	87.3	83.1	80.0	77.2	75.6	73.6	72.5	70.5
67.5°	86.3	81.7	77.1	73.5	70.2	67.3	65.0	62.5	61.2	60.3	58.9
70°	75.8	72.1	67.6	63.7	61.2	58.8	57.0	54.2	53.2	52.5	51.8
72.5°	65.8	62.6	58.8	55.6	53.1	50.9	48.7	47.5	46.5	45.8	45.4
75°	51.8	48.7	45.4	43.2	41.4	39.5	38.4	37.5	37.2	37.0	36.3
77.5°	38.0	36.4	33.7	32.0	30.8	30.0	29.1	28.6	28.5	27.7	27.5
80°	29.1	28.2	26.0	25.3	24.3	23.6	23.1	22.2	21.2	20.8	20.3
82.5°	21.6	20.8	19.8	18.7	17.9	17.4	17.0	16.6	16.7	16.2	15.9
85°	11.6	10.6	10.2	10.1	9.7	10.1	9.9	9.7	9.5	9.3	9.5
87.5°	4.1	4.2	4.1	4.5	4.1	4.4	4.4	4.4	4.4	4.5	4.4
90°	2.2	2.8	3.1	3.6	3.9	4.5	4.8	5.1	5.3	5.6	6.2
92.5°	14.8	23.0	38.3	63.8	91.7	90.2	73.0	49.6	36.0	27.1	23.0
95°	21.0	33.6	63.5	125.2	202.4	248.0	242.7	201.3	158.8	124.3	100.8
97.5°	25.9	34.9	54.7	99.9	180.8	264.9	307.1	299.8	270.0	236.4	203.7
100°	29.7	38.1	54.3	90.7	161.3	252.8	322.8	344.4	330.7	301.8	272.7
102.5°	33.7	41.9	56.3	86.9	146.5	231.6	313.4	359.3	367.8	354.0	334.3
105°	40.3	48.2	60.4	85.4	132.1	203.0	283.4	350.5	388.9	401.2	398.2
107.5°	47.7	54.7	66.6	87.9	126.1	183.3	252.6	318.9	370.1	401.7	416.4
110°	52.4	59.7	71.1	90.5	124.3	174.1	235.2	295.6	348.9	388.3	412.1



TEST NUMBER: P333492-927

CATALOG NUMBER: S125RDIP-S375D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	57.3	64.3	75.3	93.6	124.3	168.7	222.2	277.3	327.8	367.7	395.8
115°	64.6	71.7	82.1	98.2	125.2	163.0	208.0	254.2	297.6	336.0	366.5
117.5°	72.3	79.1	88.9	103.6	127.0	160.1	199.6	239.3	276.7	309.7	337.8
120°	77.0	84.0	93.8	107.3	128.8	158.8	194.9	231.2	264.8	295.6	320.3
122.5°	81.7	88.7	98.5	111.2	130.3	157.6	190.8	225.2	256.4	283.8	306.8
125°	88.2	95.5	104.7	116.8	133.0	156.2	185.4	216.4	244.9	269.3	289.5
127.5°	94.5	101.8	110.7	121.8	135.9	155.6	180.3	207.5	234.1	256.8	275.7
130°	98.5	105.8	114.5	125.2	137.8	155.1	177.0	201.8	226.5	248.3	266.6
132.5°	102.1	109.4	118.1	128.1	139.7	155.1	174.3	196.2	219.4	239.2	256.7
135°	106.7	114.2	122.9	132.1	142.5	155.1	171.0	189.0	208.3	226.2	242.2
137.5°	110.7	118.4	126.4	135.1	145.0	155.4	168.2	182.8	198.4	213.3	226.9
140°	113.1	120.6	128.8	137.2	146.2	155.7	166.8	179.4	192.6	205.5	217.2
142.5°	115.6	122.7	130.3	138.3	146.8	155.9	165.7	176.6	187.7	198.8	209.0
145°	119.3	125.7	133.0	140.0	147.5	155.7	164.1	172.8	181.4	190.1	197.6
147.5°	122.6	128.3	134.7	141.0	147.8	155.0	162.3	169.1	176.2	182.9	188.6
150°	124.8	129.6	135.8	141.6	147.8	154.2	161.0	167.2	173.3	178.6	183.6
152.5°	126.9	131.2	136.9	142.1	147.6	153.4	159.4	164.9	170.4	175.2	179.2
155°	129.4	133.2	138.0	142.5	146.9	151.8	156.8	161.5	166.0	169.9	173.0
157.5°	131.9	134.9	138.9	142.8	146.2	150.0	154.3	158.2	161.8	164.9	167.3
160°	133.2	135.8	139.4	142.8	145.6	148.9	152.3	156.0	158.8	161.5	163.5
162.5°	134.6	136.7	139.9	142.6	144.9	147.6	150.5	153.4	156.1	158.4	160.2
165°	136.1	137.8	140.0	142.2	143.9	145.6	147.8	150.0	152.0	153.7	155.1
167.5°	137.0	138.2	140.0	141.6	142.4	143.6	145.2	146.8	148.1	149.4	150.4
170°	137.8	138.6	140.0	141.1	141.6	142.5	143.6	145.0	145.8	146.7	147.3
172.5°	138.2	138.6	139.7	140.7	140.8	141.2	142.0	143.0	143.9	144.5	144.8
175°	138.6	138.6	139.4	140.0	139.7	139.7	140.0	140.9	140.9	141.4	141.4
177.5°	138.6	138.6	139.1	139.3	138.9	138.9	139.1	139.3	139.5	139.5	139.5
180°	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9



TEST NUMBER: P333492-927

CATALOG NUMBER: S125RDIP-S375D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9
2.5°	427.1	425.6	425.1	425.7	425.1	425.6	427.1	427.3	427.5	428.6	427.0
5°	394.1	392.3	393.2	392.8	393.2	392.3	394.1	395.9	396.3	397.9	399.0
7.5°	365.0	362.7	360.4	361.1	360.4	362.7	365.0	365.0	367.9	370.0	371.5
10°	344.7	342.9	341.7	342.7	341.7	342.9	344.7	347.1	348.2	350.7	353.5
12.5°	327.6	326.5	325.5	325.1	325.5	326.5	327.6	330.1	332.6	335.6	338.7
15°	304.2	302.1	301.1	298.7	301.1	302.1	304.2	306.4	311.3	312.7	317.2
17.5°	282.7	282.0	279.6	278.6	279.6	282.0	282.7	284.6	286.8	291.6	295.0
20°	270.0	269.3	266.9	268.3	266.9	269.3	270.0	272.7	274.6	278.5	281.7
22.5°	259.4	257.9	257.1	256.7	257.1	257.9	259.4	260.7	263.2	266.7	270.5
25°	244.5	242.2	241.2	240.2	241.2	242.2	244.5	245.3	247.9	251.4	253.3
27.5°	229.7	228.4	227.2	226.9	227.2	228.4	229.7	230.7	233.0	236.0	239.6
30°	220.0	218.7	217.9	217.9	217.9	218.7	220.0	222.2	223.9	226.6	229.3
32.5°	211.4	210.4	209.5	209.3	209.5	210.4	211.4	212.5	214.5	217.5	220.4
35°	198.8	197.3	196.9	195.8	196.9	197.3	198.8	199.7	201.7	203.9	206.3
37.5°	185.7	184.5	184.5	184.3	184.5	184.5	185.7	187.4	189.0	191.0	193.9
40°	177.4	176.4	176.3	175.0	176.3	176.4	177.4	178.1	179.9	182.5	184.7
42.5°	168.4	167.9	167.3	166.8	167.3	167.9	168.4	169.9	171.4	173.3	176.0
45°	156.3	155.0	155.0	154.2	155.0	155.0	156.3	157.6	158.4	160.5	164.2
47.5°	143.8	142.8	142.9	142.0	142.9	142.8	143.8	144.2	145.4	147.5	149.6
50°	135.5	134.9	134.8	134.4	134.8	134.9	135.5	135.3	136.7	138.7	141.5
52.5°	127.1	126.8	127.5	126.7	127.5	126.8	127.1	127.5	128.6	129.8	132.5
55°	115.9	115.3	116.5	115.3	116.5	115.3	115.9	115.5	115.9	117.2	118.8
57.5°	103.0	102.4	103.5	102.9	103.5	102.4	103.0	103.0	104.1	104.3	105.8
60°	94.4	93.3	93.9	94.1	93.9	93.3	94.4	94.8	95.2	95.4	96.8
62.5°	84.4	83.7	84.1	83.3	84.1	83.7	84.4	85.2	86.0	86.9	87.8
65°	70.1	69.6	68.8	68.4	68.8	69.6	70.1	70.5	72.5	73.6	75.6
67.5°	58.9	57.6	57.5	57.8	57.5	57.6	58.9	58.9	60.3	61.2	62.5
70°	50.7	50.7	50.5	50.5	50.5	50.7	50.7	51.8	52.5	53.2	54.2
72.5°	45.0	44.8	44.5	44.4	44.5	44.8	45.0	45.4	45.8	46.5	47.5
75°	36.3	36.4	36.0	35.9	36.0	36.4	36.3	36.3	37.0	37.2	37.5
77.5°	26.8	26.0	26.4	26.0	26.4	26.0	26.8	27.5	27.7	28.5	28.6
80°	20.3	20.1	20.7	20.1	20.7	20.1	20.3	20.3	20.8	21.2	22.2
82.5°	16.1	15.9	16.2	15.8	16.2	15.9	16.1	15.9	16.2	16.7	16.6
85°	9.7	9.5	9.3	9.5	9.3	9.5	9.7	9.5	9.3	9.5	9.7
87.5°	4.6	4.4	4.5	4.5	4.5	4.4	4.6	4.4	4.5	4.4	4.4
90°	6.2	6.2	6.4	6.4	6.4	6.2	6.2	6.2	5.6	5.3	5.1
92.5°	19.4	18.7	18.3	17.8	18.3	18.7	19.4	23.0	27.1	36.0	49.6
95°	80.9	72.5	70.3	65.8	70.3	72.5	80.9	100.8	124.3	158.8	201.3
97.5°	186.4	170.7	162.6	159.0	162.6	170.7	186.4	203.7	236.4	270.0	299.8
100°	253.3	233.2	222.8	218.4	222.8	233.2	253.3	272.7	301.8	330.7	344.4
102.5°	313.6	299.3	288.0	284.7	288.0	299.3	313.6	334.3	354.0	367.8	359.3
105°	389.1	379.9	374.3	371.0	374.3	379.9	389.1	398.2	401.2	388.9	350.5
107.5°	420.9	420.9	419.0	416.8	419.0	420.9	420.9	416.4	401.7	370.1	318.9
110°	424.7	430.0	432.0	432.0	432.0	430.0	424.7	412.1	388.3	348.9	295.6



TEST NUMBER: P333492-927

CATALOG NUMBER: S125RDIP-S375D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	414.2	423.3	428.2	430.2	428.2	423.3	414.2	395.8	367.7	327.8	277.3
115°	388.3	401.7	409.6	413.2	409.6	401.7	388.3	366.5	336.0	297.6	254.2
117.5°	359.6	373.5	381.3	383.5	381.3	373.5	359.6	337.8	309.7	276.7	239.3
120°	341.0	354.4	362.0	364.2	362.0	354.4	341.0	320.3	295.6	264.8	231.2
122.5°	325.3	337.6	345.2	347.2	345.2	337.6	325.3	306.8	283.8	256.4	225.2
125°	305.1	316.6	322.8	325.6	322.8	316.6	305.1	289.5	269.3	244.9	216.4
127.5°	289.9	300.1	305.9	307.1	305.9	300.1	289.9	275.7	256.8	234.1	207.5
130°	280.5	289.8	295.4	297.1	295.4	289.8	280.5	266.6	248.3	226.5	201.8
132.5°	270.7	279.9	285.0	286.9	285.0	279.9	270.7	256.7	239.2	219.4	196.2
135°	254.5	263.7	268.8	270.5	268.8	263.7	254.5	242.2	226.2	208.3	189.0
137.5°	237.9	246.3	251.0	252.8	251.0	246.3	237.9	226.9	213.3	198.4	182.8
140°	227.6	234.9	239.1	240.5	239.1	234.9	227.6	217.2	205.5	192.6	179.4
142.5°	217.8	223.9	227.9	229.1	227.9	223.9	217.8	209.0	198.8	187.7	176.6
145°	204.4	209.1	212.2	213.3	212.2	209.1	204.4	197.6	190.1	181.4	172.8
147.5°	193.9	197.7	199.5	200.0	199.5	197.7	193.9	188.6	182.9	176.2	169.1
150°	187.8	191.2	192.3	192.6	192.3	191.2	187.8	183.6	178.6	173.3	167.2
152.5°	182.7	185.4	186.5	186.8	186.5	185.4	182.7	179.2	175.2	170.4	164.9
155°	175.8	177.8	178.6	178.9	178.6	177.8	175.8	173.0	169.9	166.0	161.5
157.5°	169.5	171.1	171.9	171.8	171.9	171.1	169.5	167.3	164.9	161.8	158.2
160°	165.5	166.8	167.4	167.2	167.4	166.8	165.5	163.5	161.5	158.8	156.0
162.5°	161.7	162.8	163.0	162.9	163.0	162.8	161.7	160.2	158.4	156.1	153.4
165°	156.2	156.8	156.8	156.8	156.8	156.8	156.2	155.1	153.7	152.0	150.0
167.5°	151.0	151.5	151.2	151.1	151.2	151.5	151.0	150.4	149.4	148.1	146.8
170°	147.8	148.1	148.1	147.8	148.1	148.1	147.8	147.3	146.7	145.8	145.0
172.5°	144.9	145.4	145.0	144.7	145.0	145.4	144.9	144.8	144.5	143.9	143.0
175°	141.4	141.6	141.1	140.9	141.1	141.6	141.4	141.4	141.4	140.9	140.9
177.5°	139.3	139.5	138.9	138.9	138.9	139.5	139.3	139.5	139.5	139.5	139.3
180°	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9



TEST NUMBER: P333492-927

CATALOG NUMBER: S125RDIP-S375D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9
2.5°	427.5	429.0	429.9	432.0	434.9	436.4	438.4	439.9	442.0	444.4	446.5
5°	399.7	404.2	407.1	411.7	415.9	420.1	425.4	429.2	434.4	440.2	444.8
7.5°	374.1	379.5	384.4	390.5	397.4	402.8	409.8	416.8	424.8	433.2	441.0
10°	357.7	363.1	369.2	376.7	383.7	391.0	399.3	407.5	417.6	426.8	437.4
12.5°	341.4	347.5	354.3	362.7	371.1	380.4	388.8	398.1	408.9	421.0	432.4
15°	321.2	327.1	334.5	341.6	351.3	361.6	372.6	384.9	397.0	410.6	424.7
17.5°	299.6	306.0	314.1	322.4	332.6	344.6	355.5	369.0	382.5	398.3	414.9
20°	285.6	292.2	301.7	310.8	320.1	331.8	344.8	358.6	373.0	389.7	408.2
22.5°	274.4	279.1	288.5	297.8	308.7	320.8	333.4	347.8	363.5	380.8	400.1
25°	257.9	263.4	270.2	279.9	291.2	303.9	316.6	331.8	349.0	366.6	387.3
27.5°	243.2	247.7	254.4	262.1	273.4	286.5	300.1	315.9	333.6	351.5	373.2
30°	232.8	237.8	244.2	252.2	261.2	275.5	289.4	305.0	322.9	341.4	363.7
32.5°	223.8	228.9	234.4	242.0	251.7	264.4	278.7	294.0	312.2	331.3	353.0
35°	211.0	214.5	219.7	227.2	236.7	246.9	261.6	277.7	295.4	315.2	337.0
37.5°	196.5	201.0	206.0	212.6	220.9	232.0	245.7	262.0	278.5	297.3	317.2
40°	188.0	192.2	197.9	202.6	211.4	221.5	233.9	251.0	267.4	285.2	303.3
42.5°	179.4	183.4	188.2	194.2	202.0	211.8	223.4	239.2	256.9	273.6	288.8
45°	165.8	170.1	174.6	180.1	187.4	196.9	208.5	222.9	238.3	253.7	265.2
47.5°	152.9	156.9	161.2	166.8	173.6	182.8	193.1	205.9	220.8	233.9	242.1
50°	143.7	147.3	152.1	157.6	164.2	172.8	182.7	195.3	207.8	219.7	227.2
52.5°	134.6	138.7	143.5	148.2	154.6	163.1	172.3	183.2	195.0	204.7	210.9
55°	121.0	124.8	129.2	134.2	140.4	147.7	157.4	166.0	175.4	183.6	187.3
57.5°	107.8	111.2	115.3	120.5	126.1	132.9	140.6	148.9	155.4	161.3	165.4
60°	99.2	102.1	106.0	110.4	116.5	122.6	129.6	137.3	142.4	147.3	151.2
62.5°	90.4	93.2	96.9	100.8	106.2	111.9	118.6	124.8	129.8	133.2	137.6
65°	77.2	80.0	83.1	87.3	91.5	96.3	102.3	106.9	110.4	114.1	116.8
67.5°	65.0	67.3	70.2	73.5	77.1	81.7	86.3	90.2	92.5	94.7	98.0
70°	57.0	58.8	61.2	63.7	67.6	72.1	75.8	78.7	80.3	82.5	86.6
72.5°	48.7	50.9	53.1	55.6	58.8	62.6	65.8	68.8	69.8	71.5	74.1
75°	38.4	39.5	41.4	43.2	45.4	48.7	51.8	52.5	53.5	54.9	56.7
77.5°	29.1	30.0	30.8	32.0	33.7	36.4	38.0	39.1	39.4	39.9	41.7
80°	23.1	23.6	24.3	25.3	26.0	28.2	29.1	30.2	30.6	31.1	32.0
82.5°	17.0	17.4	17.9	18.7	19.8	20.8	21.6	22.7	22.8	23.2	23.4
85°	9.9	10.1	9.7	10.1	10.2	10.6	11.6	12.4	12.3	12.1	12.6
87.5°	4.4	4.4	4.1	4.5	4.1	4.2	4.1	4.1	4.4	4.5	4.8
90°	4.8	4.5	3.9	3.6	3.1	2.8	2.2	1.7	1.1	0.6	0.3
92.5°	73.0	90.2	91.7	63.8	38.3	23.0	14.8	10.0	6.5	4.1	3.4
95°	242.7	248.0	202.4	125.2	63.5	33.6	21.0	14.8	11.7	9.5	9.3
97.5°	307.1	264.9	180.8	99.9	54.7	34.9	25.9	20.4	17.3	15.7	15.4
100°	322.8	252.8	161.3	90.7	54.3	38.1	29.7	24.3	21.3	20.1	19.6
102.5°	313.4	231.6	146.5	86.9	56.3	41.9	33.7	28.8	25.5	24.6	24.3
105°	283.4	203.0	132.1	85.4	60.4	48.2	40.3	35.8	33.0	31.6	31.6
107.5°	252.6	183.3	126.1	87.9	66.6	54.7	47.7	43.0	40.7	39.4	38.8
110°	235.2	174.1	124.3	90.5	71.1	59.7	52.4	48.2	45.6	44.5	44.0



TEST NUMBER: P333492-927

CATALOG NUMBER: S125RDIP-S375D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	222.2	168.7	124.3	93.6	75.3	64.3	57.3	53.1	50.5	49.7	49.1
115°	208.0	163.0	125.2	98.2	82.1	71.7	64.6	60.4	58.0	57.1	56.6
117.5°	199.6	160.1	127.0	103.6	88.9	79.1	72.3	67.5	65.0	64.1	63.3
120°	194.9	158.8	128.8	107.3	93.8	84.0	77.0	72.2	69.7	68.6	67.7
122.5°	190.8	157.6	130.3	111.2	98.5	88.7	81.7	76.5	74.0	73.0	72.5
125°	185.4	156.2	133.0	116.8	104.7	95.5	88.2	82.9	80.3	79.0	78.4
127.5°	180.3	155.6	135.9	121.8	110.7	101.8	94.5	88.9	85.6	83.9	83.0
130°	177.0	155.1	137.8	125.2	114.5	105.8	98.5	92.7	89.0	86.8	86.0
132.5°	174.3	155.1	139.7	128.1	118.1	109.4	102.1	96.0	92.0	89.3	88.2
135°	171.0	155.1	142.5	132.1	122.9	114.2	106.7	100.8	96.3	92.9	91.8
137.5°	168.2	155.4	145.0	135.1	126.4	118.4	110.7	104.9	100.4	97.3	96.4
140°	166.8	155.7	146.2	137.2	128.8	120.6	113.1	107.8	103.3	100.0	99.1
142.5°	165.7	155.9	146.8	138.3	130.3	122.7	115.6	110.5	106.0	102.8	102.3
145°	164.1	155.7	147.5	140.0	133.0	125.7	119.3	114.2	110.3	107.5	106.9
147.5°	162.3	155.0	147.8	141.0	134.7	128.3	122.6	118.3	114.6	112.2	111.9
150°	161.0	154.2	147.8	141.6	135.8	129.6	124.8	121.0	117.3	115.3	114.8
152.5°	159.4	153.4	147.6	142.1	136.9	131.2	126.9	123.2	120.0	118.3	118.0
155°	156.8	151.8	146.9	142.5	138.0	133.2	129.4	126.5	123.7	122.1	122.1
157.5°	154.3	150.0	146.2	142.8	138.9	134.9	131.9	129.4	127.1	125.7	125.8
160°	152.3	148.9	145.6	142.8	139.4	135.8	133.2	131.0	129.0	127.9	128.3
162.5°	150.5	147.6	144.9	142.6	139.9	136.7	134.6	132.8	131.1	130.0	130.2
165°	147.8	145.6	143.9	142.2	140.0	137.8	136.1	134.9	133.6	132.7	133.2
167.5°	145.2	143.6	142.4	141.6	140.0	138.2	137.0	136.3	135.5	135.0	135.3
170°	143.6	142.5	141.6	141.1	140.0	138.6	137.8	137.2	136.7	136.3	136.7
172.5°	142.0	141.2	140.8	140.7	139.7	138.6	138.2	137.8	137.3	137.0	137.5
175°	140.0	139.7	139.7	140.0	139.4	138.6	138.6	138.6	138.3	138.0	138.6
177.5°	139.1	138.9	138.9	139.3	139.1	138.6	138.6	138.9	138.6	138.6	139.1
180°	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9



TEST NUMBER: P333492-927

CATALOG NUMBER: S125RDIP-S375D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9
2.5°	448.1	449.4	451.3	453.5	455.3	457.2	458.2	458.2	459.1	461.0	463.5
5°	449.4	454.2	458.7	464.5	469.1	474.4	478.5	482.4	485.8	490.2	494.8
7.5°	449.0	456.9	465.2	474.4	484.6	492.7	501.0	507.5	513.9	522.4	528.9
10°	447.6	457.8	469.0	480.7	493.5	504.6	514.8	523.9	532.7	541.9	550.1
12.5°	444.9	458.0	471.6	485.7	501.8	514.6	527.6	537.3	547.6	557.6	567.8
15°	440.9	456.3	472.8	492.4	512.1	526.4	539.2	551.9	561.4	572.7	582.5
17.5°	432.8	452.6	473.3	494.7	513.7	530.3	543.8	555.8	565.9	578.4	591.6
20°	427.9	449.4	471.0	493.8	512.0	529.0	542.0	554.4	567.0	583.4	599.4
22.5°	421.2	444.1	467.0	488.7	507.9	524.3	537.7	552.9	569.6	588.0	607.5
25°	410.6	434.2	456.9	477.5	496.2	513.1	531.4	551.9	572.0	596.4	624.4
27.5°	397.0	419.9	440.1	461.9	480.5	501.9	524.7	547.0	576.0	609.5	644.4
30°	387.0	408.5	427.8	448.5	469.5	493.1	518.7	544.9	579.6	618.9	660.4
32.5°	375.3	394.8	413.8	433.8	458.1	484.0	511.3	543.3	584.6	629.4	672.4
35°	354.9	372.5	391.0	413.1	438.9	467.1	501.9	540.9	590.9	639.0	677.6
37.5°	333.6	347.5	366.1	389.4	417.6	450.1	489.6	537.0	588.3	631.5	647.9
40°	317.2	330.2	349.8	374.3	402.2	437.8	482.1	530.8	582.5	612.4	611.2
42.5°	301.0	314.1	333.0	357.7	386.7	426.6	472.2	522.8	566.3	577.7	554.0
45°	276.0	288.3	306.8	331.7	362.8	404.7	452.7	501.2	529.0	510.5	463.3
47.5°	250.6	262.5	279.7	304.0	338.0	381.9	427.3	467.1	471.0	431.3	374.6
50°	233.9	245.1	261.4	287.4	320.4	363.1	406.9	438.2	428.5	380.0	321.6
52.5°	217.7	228.4	243.7	268.2	301.9	343.8	382.9	407.5	385.0	333.4	280.9
55°	193.7	203.9	219.3	241.8	272.4	310.8	345.1	354.0	321.1	269.1	226.6
57.5°	170.9	178.4	193.5	213.5	243.0	276.9	301.3	299.8	263.4	216.6	186.1
60°	155.7	162.6	177.0	195.3	223.3	253.7	270.9	263.6	226.8	188.1	158.9
62.5°	141.7	148.1	160.2	177.0	201.1	227.5	240.0	229.9	195.2	161.2	137.9
65°	120.4	125.0	134.8	150.3	169.1	187.4	198.6	183.8	153.0	127.4	109.8
67.5°	100.5	104.5	113.1	124.3	137.3	150.0	154.5	140.6	116.7	99.4	87.0
70°	87.7	91.3	97.2	107.7	116.2	125.2	127.4	114.9	95.0	81.8	74.1
72.5°	75.4	78.7	83.9	91.3	97.2	102.3	103.4	91.8	76.5	67.5	61.6
75°	57.5	60.4	63.7	66.5	70.3	71.2	70.8	61.9	53.6	47.6	44.3
77.5°	42.2	43.5	45.5	46.6	46.7	46.7	44.8	39.1	34.9	32.4	31.1
80°	32.6	33.5	34.1	34.4	34.6	32.8	30.7	27.3	25.8	24.3	22.7
82.5°	23.7	24.2	24.8	24.9	23.9	22.3	20.5	18.8	17.7	17.0	16.4
85°	12.8	13.0	12.8	11.9	10.6	10.1	9.7	9.3	9.2	9.0	9.0
87.5°	4.7	4.4	3.7	4.0	4.0	4.0	4.1	4.0	4.0	4.0	4.1
90°	0.6	1.1	1.7	2.2	2.8	3.1	3.6	3.9	4.5	4.8	5.1
92.5°	4.1	6.5	10.0	14.8	23.0	38.3	63.8	91.7	90.2	73.0	49.6
95°	9.5	11.7	14.8	21.0	33.6	63.5	125.2	202.4	248.0	242.7	201.3
97.5°	15.7	17.3	20.4	25.9	34.9	54.7	99.9	180.8	264.9	307.1	299.8
100°	20.1	21.3	24.3	29.7	38.1	54.3	90.7	161.3	252.8	322.8	344.4
102.5°	24.6	25.5	28.8	33.7	41.9	56.3	86.9	146.5	231.6	313.4	359.3
105°	31.6	33.0	35.8	40.3	48.2	60.4	85.4	132.1	203.0	283.4	350.5
107.5°	39.4	40.7	43.0	47.7	54.7	66.6	87.9	126.1	183.3	252.6	318.9
110°	44.5	45.6	48.2	52.4	59.7	71.1	90.5	124.3	174.1	235.2	295.6



TEST NUMBER: P333492-927

CATALOG NUMBER: S125RDIP-S375D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	49.7	50.5	53.1	57.3	64.3	75.3	93.6	124.3	168.7	222.2	277.3
115°	57.1	58.0	60.4	64.6	71.7	82.1	98.2	125.2	163.0	208.0	254.2
117.5°	64.1	65.0	67.5	72.3	79.1	88.9	103.6	127.0	160.1	199.6	239.3
120°	68.6	69.7	72.2	77.0	84.0	93.8	107.3	128.8	158.8	194.9	231.2
122.5°	73.0	74.0	76.5	81.7	88.7	98.5	111.2	130.3	157.6	190.8	225.2
125°	79.0	80.3	82.9	88.2	95.5	104.7	116.8	133.0	156.2	185.4	216.4
127.5°	83.9	85.6	88.9	94.5	101.8	110.7	121.8	135.9	155.6	180.3	207.5
130°	86.8	89.0	92.7	98.5	105.8	114.5	125.2	137.8	155.1	177.0	201.8
132.5°	89.3	92.0	96.0	102.1	109.4	118.1	128.1	139.7	155.1	174.3	196.2
135°	92.9	96.3	100.8	106.7	114.2	122.9	132.1	142.5	155.1	171.0	189.0
137.5°	97.3	100.4	104.9	110.7	118.4	126.4	135.1	145.0	155.4	168.2	182.8
140°	100.0	103.3	107.8	113.1	120.6	128.8	137.2	146.2	155.7	166.8	179.4
142.5°	102.8	106.0	110.5	115.6	122.7	130.3	138.3	146.8	155.9	165.7	176.6
145°	107.5	110.3	114.2	119.3	125.7	133.0	140.0	147.5	155.7	164.1	172.8
147.5°	112.2	114.6	118.3	122.6	128.3	134.7	141.0	147.8	155.0	162.3	169.1
150°	115.3	117.3	121.0	124.8	129.6	135.8	141.6	147.8	154.2	161.0	167.2
152.5°	118.3	120.0	123.2	126.9	131.2	136.9	142.1	147.6	153.4	159.4	164.9
155°	122.1	123.7	126.5	129.4	133.2	138.0	142.5	146.9	151.8	156.8	161.5
157.5°	125.7	127.1	129.4	131.9	134.9	138.9	142.8	146.2	150.0	154.3	158.2
160°	127.9	129.0	131.0	133.2	135.8	139.4	142.8	145.6	148.9	152.3	156.0
162.5°	130.0	131.1	132.8	134.6	136.7	139.9	142.6	144.9	147.6	150.5	153.4
165°	132.7	133.6	134.9	136.1	137.8	140.0	142.2	143.9	145.6	147.8	150.0
167.5°	135.0	135.5	136.3	137.0	138.2	140.0	141.6	142.4	143.6	145.2	146.8
170°	136.3	136.7	137.2	137.8	138.6	140.0	141.1	141.6	142.5	143.6	145.0
172.5°	137.0	137.3	137.8	138.2	138.6	139.7	140.7	140.8	141.2	142.0	143.0
175°	138.0	138.3	138.6	138.6	138.6	139.4	140.0	139.7	139.7	140.0	140.9
177.5°	138.6	138.6	138.9	138.6	138.6	139.1	139.3	138.9	138.9	139.1	139.3
180°	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9



TEST NUMBER: P333492-927

CATALOG NUMBER: S125RDIP-S375D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	445.9	445.9	445.9	445.9	445.9	445.9	445.9
2.5°	465.4	465.4	467.9	467.7	469.4	468.7	469.1
5°	500.3	503.4	506.1	507.9	510.7	511.4	511.0
7.5°	536.5	543.4	546.7	551.4	552.2	554.6	554.4
10°	558.8	565.6	570.8	574.7	576.8	579.3	579.6
12.5°	576.4	582.2	586.7	590.4	592.9	593.7	594.1
15°	590.2	596.5	601.8	607.1	610.3	612.7	613.9
17.5°	604.0	613.9	623.2	630.4	634.8	638.4	638.4
20°	614.7	626.0	637.7	645.9	654.4	658.1	658.6
22.5°	626.1	643.4	658.5	671.3	682.4	686.2	687.6
25°	649.8	672.5	695.8	713.7	726.5	734.0	735.1
27.5°	678.5	709.2	733.6	750.2	760.8	766.4	767.6
30°	698.7	727.1	749.0	761.4	766.4	767.1	764.4
32.5°	707.7	729.0	737.8	737.0	727.3	720.9	718.4
35°	696.6	692.3	670.9	645.2	625.7	613.2	609.9
37.5°	634.0	596.1	556.7	518.0	497.4	486.9	468.9
40°	572.2	518.2	477.2	444.7	421.4	402.7	398.3
42.5°	502.5	446.7	405.8	377.9	359.3	346.5	340.9
45°	403.8	355.8	321.9	300.6	286.3	276.9	272.7
47.5°	323.0	285.8	261.2	245.3	234.4	226.3	224.0
50°	278.6	248.9	228.1	214.7	206.4	200.3	197.7
52.5°	242.0	218.0	202.0	191.0	183.2	179.4	177.2
55°	199.7	179.0	167.5	158.7	154.3	151.2	149.7
57.5°	163.3	148.4	140.0	133.9	129.8	127.9	127.1
60°	143.0	131.3	123.6	118.8	116.1	113.5	112.7
62.5°	124.9	115.7	109.8	105.6	102.9	101.8	101.3
65°	100.7	94.7	90.2	87.7	85.5	85.1	84.9
67.5°	80.0	76.4	74.1	71.5	70.7	69.5	69.2
70°	68.4	66.1	63.3	62.4	61.5	60.2	60.4
72.5°	58.1	55.7	53.8	52.6	52.3	51.7	52.2
75°	42.5	41.7	41.0	40.1	39.7	39.7	39.5
77.5°	30.3	29.7	28.9	28.4	28.2	27.5	27.7
80°	21.9	21.1	20.7	20.8	20.3	20.1	20.1
82.5°	16.2	15.9	15.5	15.6	15.4	15.3	15.4
85°	9.0	8.8	8.8	8.6	8.6	8.4	8.4
87.5°	4.3	4.5	4.3	4.2	4.2	4.4	4.5
90°	5.3	5.6	6.2	6.2	6.2	6.4	6.4
92.5°	36.0	27.1	23.0	19.4	18.7	18.3	17.8
95°	158.8	124.3	100.8	80.9	72.5	70.3	65.8
97.5°	270.0	236.4	203.7	186.4	170.7	162.6	159.0
100°	330.7	301.8	272.7	253.3	233.2	222.8	218.4
102.5°	367.8	354.0	334.3	313.6	299.3	288.0	284.7
105°	388.9	401.2	398.2	389.1	379.9	374.3	371.0
107.5°	370.1	401.7	416.4	420.9	420.9	419.0	416.8
110°	348.9	388.3	412.1	424.7	430.0	432.0	432.0



TEST NUMBER: P333492-927

CATALOG NUMBER: S125RDIP-S375D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	327.8	367.7	395.8	414.2	423.3	428.2	430.2
115°	297.6	336.0	366.5	388.3	401.7	409.6	413.2
117.5°	276.7	309.7	337.8	359.6	373.5	381.3	383.5
120°	264.8	295.6	320.3	341.0	354.4	362.0	364.2
122.5°	256.4	283.8	306.8	325.3	337.6	345.2	347.2
125°	244.9	269.3	289.5	305.1	316.6	322.8	325.6
127.5°	234.1	256.8	275.7	289.9	300.1	305.9	307.1
130°	226.5	248.3	266.6	280.5	289.8	295.4	297.1
132.5°	219.4	239.2	256.7	270.7	279.9	285.0	286.9
135°	208.3	226.2	242.2	254.5	263.7	268.8	270.5
137.5°	198.4	213.3	226.9	237.9	246.3	251.0	252.8
140°	192.6	205.5	217.2	227.6	234.9	239.1	240.5
142.5°	187.7	198.8	209.0	217.8	223.9	227.9	229.1
145°	181.4	190.1	197.6	204.4	209.1	212.2	213.3
147.5°	176.2	182.9	188.6	193.9	197.7	199.5	200.0
150°	173.3	178.6	183.6	187.8	191.2	192.3	192.6
152.5°	170.4	175.2	179.2	182.7	185.4	186.5	186.8
155°	166.0	169.9	173.0	175.8	177.8	178.6	178.9
157.5°	161.8	164.9	167.3	169.5	171.1	171.9	171.8
160°	158.8	161.5	163.5	165.5	166.8	167.4	167.2
162.5°	156.1	158.4	160.2	161.7	162.8	163.0	162.9
165°	152.0	153.7	155.1	156.2	156.8	156.8	156.8
167.5°	148.1	149.4	150.4	151.0	151.5	151.2	151.1
170°	145.8	146.7	147.3	147.8	148.1	148.1	147.8
172.5°	143.9	144.5	144.8	144.9	145.4	145.0	144.7
175°	140.9	141.4	141.4	141.4	141.6	141.1	140.9
177.5°	139.5	139.5	139.5	139.3	139.5	138.9	138.9
180°	138.9	138.9	138.9	138.9	138.9	138.9	138.9

(END OF REPORT)