

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: CORELITE

Report Number: P935650

Luminaire Tested: SQ4-FA-125U-100D-930-1D-UNV-STD-W-4

Issue Date: 12/17/2024

**Test Information**

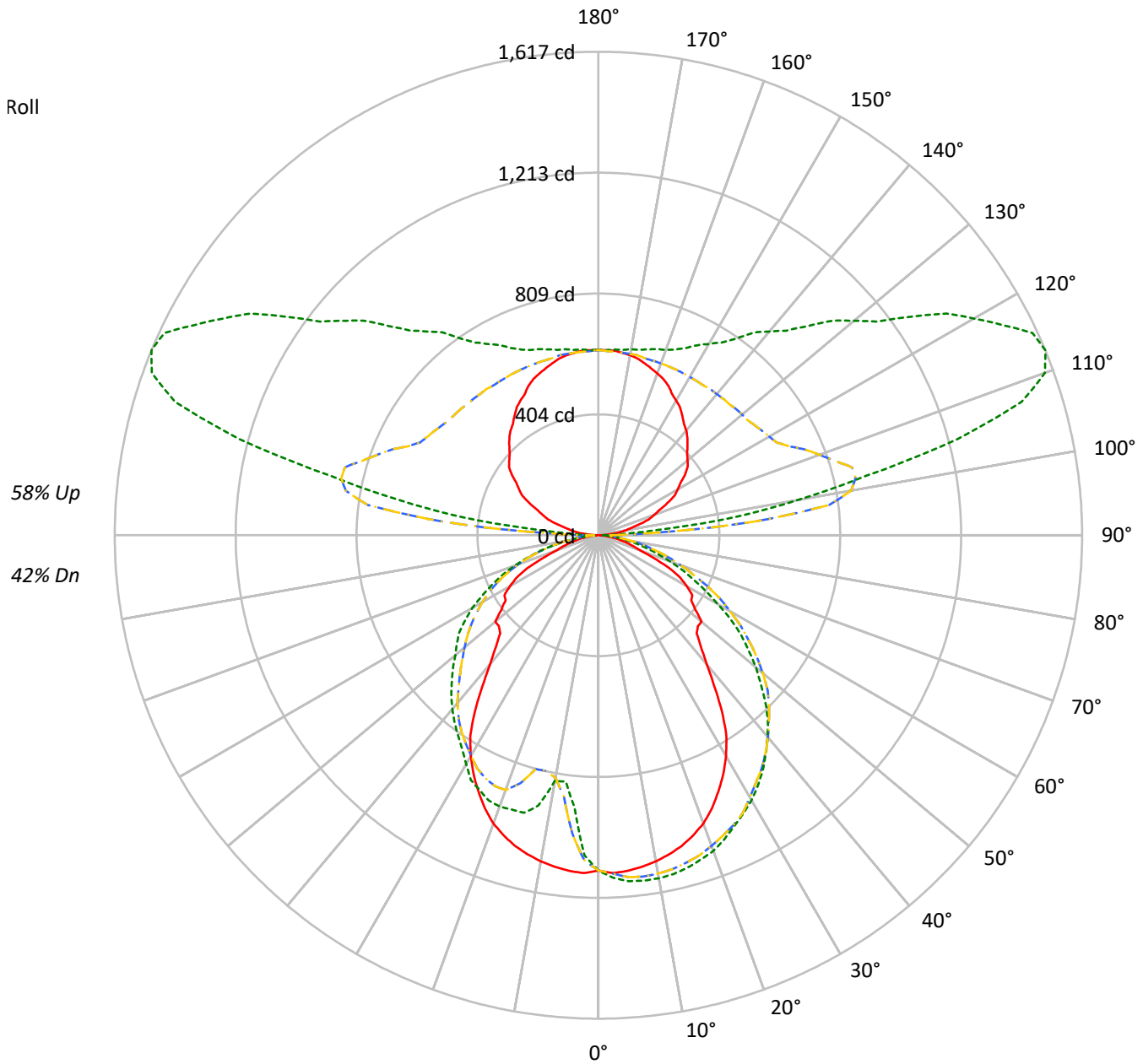
Test Method: LM-79-2019  
Report Number: P935650  
REPORT IS A COMBINATION OF REPORTS P933762 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-100D-930-1D-UNV-STD-W-4  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6925.9 lumens  
Efficiency: N/A  
Efficacy: 107.5 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 4' x H: 0.1')  
CIE Type: General Diffuse  
  
Input Watts (W): 64.4  
Input Voltage (V): NR  
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: 24 FT

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### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - - - 90°-270°    - - - 135°-315°



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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	50	30	10	0
RCR																					
0	105	105	105	105	96	96	96	96	79	79	79	63	63	63	49	49	49	49	49	49	42
1	96	92	88	85	88	84	81	78	69	67	65	56	54	53	43	42	41	43	42	41	35
2	87	80	74	69	80	73	68	64	61	57	54	49	46	44	38	36	35	38	36	35	30
3	80	70	63	57	72	65	58	53	53	49	45	43	40	37	34	31	30	34	31	30	25
4	73	62	54	49	66	57	50	45	47	42	38	38	35	32	30	28	25	30	28	25	22
5	67	55	47	41	61	51	44	39	42	37	33	34	31	27	27	24	22	27	24	22	19
6	62	50	42	36	56	46	39	33	38	33	29	31	27	24	24	22	19	24	22	19	16
7	57	45	37	31	52	41	34	29	34	29	25	28	24	21	22	19	17	22	19	17	15
8	53	40	33	28	48	37	31	26	31	26	22	26	22	19	20	18	15	20	18	15	13
9	49	37	30	25	45	34	27	23	29	24	20	24	20	17	19	16	14	19	16	14	12
10	46	34	27	22	42	31	25	21	26	21	18	22	18	15	17	15	13	17	15	13	11

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

	0°	90°	180°	270°
0°	10406	10406	10406	10406
5°	10473	10505	10473	8260
10°	10391	10347	10391	7398
15°	10266	10123	10266	8453
20°	10039	9858	10039	8470
25°	9589	9470	9589	8291
30°	9010	9148	9010	7897
35°	8020	8742	8020	7464
40°	6671	8263	6671	7136
45°	5949	7702	5949	6760
50°	6305	7034	6305	6383
55°	5917	6314	5917	6165
60°	6076	5362	6076	5646
65°	5483	4433	5483	4956
70°	3772	3533	3772	4154
75°	3269	2610	3269	3128
80°	2583	1727	2583	1880
85°	1399	914	1399	778

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 9135 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	101.2	1.5
10°-20°	287.4	4.1
20°-30°	444.3	6.4
30°-40°	530.4	7.7
40°-50°	533.5	7.7
50°-60°	464.2	6.7
60°-70°	329.1	4.8
70°-80°	174.1	2.5
80°-90°	45.7	0.7
90°-100°	302.0	4.4
100°-110°	793.9	11.5
110°-120°	823.2	11.9
120°-130°	660.3	9.5
130°-140°	518.1	7.5
140°-150°	397.7	5.7
150°-160°	286.4	4.1
160°-170°	175.2	2.5
170°-180°	59.2	0.9
0°-30°	832.9	12.0
0°-40°	1363.3	19.7
0°-60°	2361.0	34.1
0°-90°	2910.0	42.0
90°-120°	1919.0	27.7
90°-150°	3495.1	50.5
90°-180°	4016.0	58.0
0°-180°	6925.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1121	1121	1121	1121	1121	
5°	1127	1162	1127	914	1127	107
15°	1076	1151	1076	961	1076	303
25°	948	1074	948	940	948	435
35°	720	958	720	818	720	446
45°	465	789	465	693	465	372
55°	379	582	379	569	379	348
65°	263	351	263	393	263	251
75°	100	166	100	200	100	105
85°	17	42	17	36	17	23
90°	4	16	4	16	4	4
95°	40	182	40	182	40	44
105°	143	1243	143	1243	143	152
115°	254	1601	254	1601	254	251
125°	353	1275	353	1275	353	314
135°	421	989	421	989	421	326
145°	488	802	488	802	488	306
155°	552	691	552	691	552	254
165°	596	644	596	644	596	168
175°	620	624	620	624	620	59
180°	620	620	620	620	620	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1121.4	1121.4	1121.4	1121.4	1121.4	1121.4	1121.4	1121.4	1121.4	1121.4	1121.4
2.5°	1130.9	1130.9	1137.4	1139.5	1139.5	1136.2	1133.1	1136.2	1145.8	1149.0	1148.0
5°	1126.8	1135.2	1146.9	1149.0	1151.1	1150.1	1148.0	1150.1	1160.7	1162.8	1163.9
7.5°	1118.3	1134.2	1149.0	1152.2	1155.4	1152.2	1151.1	1153.3	1163.9	1166.0	1166.0
10°	1107.7	1129.9	1146.9	1149.0	1152.2	1149.0	1149.0	1153.3	1163.9	1166.0	1167.1
12.5°	1092.8	1123.6	1139.5	1141.6	1145.8	1144.8	1143.7	1148.0	1158.6	1160.7	1160.7
15°	1075.8	1111.9	1126.8	1128.9	1136.2	1134.2	1134.2	1138.4	1150.1	1153.3	1152.2
17.5°	1052.5	1097.1	1114.0	1117.2	1122.5	1121.4	1122.5	1126.8	1137.4	1139.5	1140.5
20°	1025.9	1076.9	1097.1	1100.2	1105.5	1105.5	1105.5	1110.8	1121.4	1125.6	1125.6
22.5°	989.9	1055.6	1076.9	1079.0	1085.3	1085.3	1087.5	1094.9	1104.4	1105.5	1105.5
25°	947.5	1032.3	1050.3	1056.7	1063.1	1066.2	1069.4	1073.7	1076.9	1075.8	1076.9
27.5°	902.9	1002.6	1025.9	1030.2	1038.7	1041.9	1046.1	1047.2	1048.2	1051.4	1049.3
30°	853.0	961.2	996.2	1000.5	1014.3	1016.4	1012.2	1014.3	1019.6	1021.7	1023.8
32.5°	796.7	899.7	965.4	975.0	987.8	981.3	980.3	983.5	992.0	992.0	994.1
35°	720.4	852.0	936.9	945.3	954.8	947.5	951.6	952.8	958.1	961.2	960.1
37.5°	636.5	810.5	907.1	913.5	920.9	911.3	917.7	920.9	925.1	923.0	923.0
40°	562.3	745.8	872.1	876.3	882.7	875.3	881.6	883.8	885.9	883.8	882.7
42.5°	507.2	674.8	835.0	840.3	836.0	841.3	843.5	847.7	844.5	840.3	840.3
45°	464.7	655.6	794.6	801.0	794.6	803.2	806.3	806.3	796.7	794.6	793.6
47.5°	450.9	617.5	754.3	754.3	751.1	761.7	767.1	759.6	750.1	747.0	747.0
50°	449.8	575.0	699.2	694.9	709.8	722.5	717.2	709.8	702.4	690.7	690.7
52.5°	408.5	523.1	628.1	644.0	667.4	674.8	666.2	658.9	646.1	640.8	636.5
55°	378.8	469.0	563.4	595.2	619.6	629.2	613.3	605.8	586.7	583.5	581.4
57.5°	372.4	390.4	504.0	544.3	574.0	572.9	563.4	549.6	533.7	530.5	529.4
60°	341.6	282.2	440.3	488.1	518.8	515.6	507.2	494.4	479.6	477.5	475.3
62.5°	309.8	204.8	368.2	422.3	465.7	464.7	457.3	438.2	427.6	422.3	418.0
65°	263.1	171.8	262.0	351.2	413.8	415.9	400.0	386.2	374.5	368.2	367.1
67.5°	200.5	140.0	177.1	292.9	363.9	361.8	341.6	335.3	320.4	317.2	310.8
70°	148.6	93.4	123.1	237.7	315.1	309.8	293.9	286.4	272.7	265.2	261.0
72.5°	123.1	75.3	90.2	184.6	265.2	258.9	245.1	236.6	224.9	218.6	214.3
75°	99.7	79.6	69.0	136.8	215.4	211.1	198.4	189.9	180.4	171.8	173.0
77.5°	73.2	74.3	55.2	100.8	170.8	164.5	157.0	146.4	142.1	133.7	133.7
80°	55.2	58.4	41.4	69.0	123.1	123.1	116.7	109.3	101.8	97.6	97.6
82.5°	37.1	37.1	30.8	43.5	83.8	80.6	76.4	74.3	70.0	67.9	67.9
85°	16.9	21.2	19.1	26.5	45.6	47.8	47.8	45.6	44.6	42.4	43.5
87.5°	5.3	9.6	11.6	14.9	23.4	24.4	25.5	25.5	25.5	26.5	26.5
90°	4.2	7.5	10.8	11.6	18.3	27.1	31.6	28.0	21.0	15.8	15.8
92.5°	16.6	44.9	73.2	80.2	112.8	156.3	177.9	155.9	112.0	79.0	75.9
95°	39.9	91.6	143.4	156.3	277.6	439.2	520.1	464.1	352.2	268.2	258.6
97.5°	69.0	114.6	160.3	171.7	373.9	643.4	778.3	742.9	672.1	619.0	601.0
100°	91.5	132.9	174.3	184.6	409.0	708.1	857.7	860.3	865.5	869.3	847.7
102.5°	110.6	149.2	187.8	197.5	425.0	728.5	880.2	925.3	1015.5	1083.1	1064.6
105°	143.0	175.8	208.5	216.6	437.0	730.8	877.7	978.8	1180.9	1332.5	1322.5
107.5°	176.3	206.8	237.3	244.9	439.2	698.3	827.8	968.8	1250.8	1462.2	1464.6
110°	198.7	226.3	253.7	260.7	435.9	669.5	786.2	943.8	1259.1	1495.5	1505.9



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	220.7	247.0	273.2	279.8	435.9	644.2	748.4	909.7	1232.4	1474.3	1490.2
115°	254.0	278.2	302.5	308.5	440.0	615.3	703.0	858.4	1169.2	1402.4	1424.4
117.5°	286.9	308.9	330.9	336.4	448.2	597.4	671.9	812.1	1092.6	1302.9	1327.4
120°	306.0	326.7	347.5	352.6	454.9	591.2	659.4	787.6	1043.8	1236.1	1259.8
122.5°	324.7	345.6	366.5	371.7	464.5	588.0	649.9	765.3	996.0	1169.1	1192.5
125°	353.4	372.4	391.5	396.2	477.3	585.4	639.4	737.5	933.5	1080.5	1102.1
127.5°	376.7	395.9	415.1	419.9	490.2	583.9	630.7	714.8	883.2	1009.5	1027.7
130°	389.1	409.9	430.6	435.7	499.6	584.8	627.4	702.3	852.1	964.6	981.3
132.5°	402.1	422.8	443.5	448.6	507.3	585.4	624.5	691.5	825.7	926.3	941.4
135°	421.2	440.0	458.8	463.6	515.5	584.8	619.5	675.7	788.1	872.3	885.3
137.5°	440.7	459.3	478.0	482.7	528.0	588.4	618.6	666.1	761.1	832.3	842.9
140°	456.9	474.1	491.3	495.6	535.7	589.1	615.7	656.8	738.8	800.4	810.3
142.5°	469.4	485.3	501.2	505.2	542.0	591.2	615.7	651.8	723.8	777.9	786.4
145°	488.5	502.4	516.2	519.7	550.3	591.2	611.6	641.0	700.0	744.2	750.7
147.5°	507.7	521.1	534.6	538.0	562.5	595.2	611.6	634.8	681.2	716.0	721.3
150°	520.1	532.3	544.5	547.6	568.9	597.4	611.6	631.2	670.3	699.7	704.1
152.5°	533.0	542.3	551.5	553.8	573.1	598.7	611.6	628.3	661.8	686.8	690.1
155°	552.1	559.0	565.8	567.5	582.2	601.8	611.6	624.9	651.5	671.5	673.6
157.5°	566.3	572.9	579.5	581.2	591.3	604.8	611.6	621.9	642.6	658.1	659.7
160°	575.8	581.0	586.2	587.5	595.5	606.2	611.6	620.4	638.1	651.5	652.4
162.5°	585.4	589.2	593.2	594.1	599.9	607.7	611.6	619.0	634.0	645.3	646.1
165°	595.7	599.3	602.8	603.7	606.3	609.8	611.6	616.9	627.6	635.7	636.5
167.5°	605.4	607.0	608.7	609.1	611.3	614.3	615.7	619.3	626.3	631.6	632.0
170°	611.6	613.3	614.9	615.3	615.5	615.7	615.7	619.3	626.3	631.6	631.6
172.5°	614.9	615.3	615.7	615.7	615.7	615.7	615.7	618.5	624.0	628.2	627.9
175°	619.5	619.5	619.5	619.5	618.2	616.5	615.7	617.5	621.0	623.6	623.6
177.5°	619.5	619.5	619.5	619.5	618.6	617.2	616.5	617.9	620.7	622.8	622.4
180°	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1121.4	1121.4	1121.4	1121.4	1121.4	1121.4	1121.4	1121.4	1121.4	1121.4	1121.4
2.5°	1150.1	1146.9	1150.1	1148.0	1149.0	1145.8	1136.2	1133.1	1136.2	1139.5	1139.5
5°	1163.9	1161.8	1163.9	1163.9	1162.8	1160.7	1150.1	1148.0	1150.1	1151.1	1149.0
7.5°	1168.1	1164.9	1168.1	1166.0	1166.0	1163.9	1153.3	1151.1	1152.2	1155.4	1152.2
10°	1168.1	1164.9	1168.1	1167.1	1166.0	1163.9	1153.3	1149.0	1149.0	1152.2	1149.0
12.5°	1162.8	1160.7	1162.8	1160.7	1160.7	1158.6	1148.0	1143.7	1144.8	1145.8	1141.6
15°	1154.3	1151.1	1154.3	1152.2	1153.3	1150.1	1138.4	1134.2	1134.2	1136.2	1128.9
17.5°	1141.6	1137.4	1141.6	1140.5	1139.5	1137.4	1126.8	1122.5	1121.4	1122.5	1117.2
20°	1126.8	1123.6	1126.8	1125.6	1125.6	1121.4	1110.8	1105.5	1105.5	1105.5	1100.2
22.5°	1103.4	1100.2	1103.4	1105.5	1105.5	1104.4	1094.9	1087.5	1085.3	1085.3	1079.0
25°	1076.9	1073.7	1076.9	1076.9	1075.8	1076.9	1073.7	1069.4	1066.2	1063.1	1056.7
27.5°	1051.4	1049.3	1051.4	1049.3	1051.4	1048.2	1047.2	1046.1	1041.9	1038.7	1030.2
30°	1025.9	1023.8	1025.9	1023.8	1021.7	1019.6	1014.3	1012.2	1016.4	1014.3	1000.5
32.5°	994.1	992.0	994.1	994.1	992.0	992.0	983.5	980.3	981.3	987.8	975.0
35°	961.2	958.1	961.2	960.1	961.2	958.1	952.8	951.6	947.5	954.8	945.3
37.5°	923.0	919.8	923.0	923.0	923.0	925.1	920.9	917.7	911.3	920.9	913.5
40°	883.8	879.5	883.8	882.7	883.8	885.9	883.8	881.6	875.3	882.7	876.3
42.5°	839.2	838.2	839.2	840.3	840.3	844.5	847.7	843.5	841.3	836.0	840.3
45°	791.4	789.3	791.4	793.6	794.6	796.7	806.3	806.3	803.2	794.6	801.0
47.5°	740.5	735.2	740.5	747.0	747.0	750.1	759.6	767.1	761.7	751.1	754.3
50°	686.4	687.5	686.4	690.7	690.7	702.4	709.8	717.2	722.5	709.8	694.9
52.5°	633.4	632.4	633.4	636.5	640.8	646.1	658.9	666.2	674.8	667.4	644.0
55°	580.3	582.5	580.3	581.4	583.5	586.7	605.8	613.3	629.2	619.6	595.2
57.5°	527.3	524.1	527.3	529.4	530.5	533.7	549.6	563.4	572.9	574.0	544.3
60°	465.7	461.5	465.7	475.3	477.5	479.6	494.4	507.2	515.6	518.8	488.1
62.5°	411.6	404.2	411.6	418.0	422.3	427.6	438.2	457.3	464.7	465.7	422.3
65°	354.4	351.2	354.4	367.1	368.2	374.5	386.2	400.0	415.9	413.8	351.2
67.5°	302.4	302.4	302.4	310.8	317.2	320.4	335.3	341.6	361.8	363.9	292.9
70°	254.6	253.6	254.6	261.0	265.2	272.7	286.4	293.9	309.8	315.1	237.7
72.5°	209.0	208.0	209.0	214.3	218.6	224.9	236.6	245.1	258.9	265.2	184.6
75°	168.7	166.5	168.7	173.0	171.8	180.4	189.9	198.4	211.1	215.4	136.8
77.5°	129.4	129.4	129.4	133.7	133.7	142.1	146.4	157.0	164.5	170.8	100.8
80°	96.5	95.5	96.5	97.6	97.6	101.8	109.3	116.7	123.1	123.1	69.0
82.5°	67.9	65.8	67.9	67.9	67.9	70.0	74.3	76.4	80.6	83.8	43.5
85°	42.4	42.4	42.4	43.5	42.4	44.6	45.6	47.8	47.8	45.6	26.5
87.5°	27.6	26.5	27.6	26.5	26.5	25.5	25.5	25.5	24.4	23.4	14.9
90°	15.8	15.8	15.8	15.8	15.8	21.0	28.0	31.6	27.1	18.3	11.6
92.5°	63.3	50.7	63.3	75.9	79.0	112.0	155.9	177.9	156.3	112.8	80.2
95°	220.6	182.5	220.6	258.6	268.2	352.2	464.1	520.1	439.2	277.6	156.3
97.5°	528.5	456.1	528.5	601.0	619.0	672.1	742.9	778.3	643.4	373.9	171.7
100°	761.5	675.2	761.5	847.7	869.3	865.5	860.3	857.7	708.1	409.0	184.6
102.5°	990.7	916.8	990.7	1064.6	1083.1	1015.5	925.3	880.2	728.5	425.0	197.5
105°	1282.9	1243.1	1282.9	1322.5	1332.5	1180.9	978.8	877.7	730.8	437.0	216.6
107.5°	1474.2	1483.9	1474.2	1464.6	1462.2	1250.8	968.8	827.8	698.3	439.2	244.9
110°	1547.2	1588.6	1547.2	1505.9	1495.5	1259.1	943.8	786.2	669.5	435.9	260.7





TEST NUMBER: P935650

CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1553.7	1617.3	1553.7	1490.2	1474.3	1232.4	909.7	748.4	644.2	435.9	279.8
115°	1512.5	1600.7	1512.5	1424.4	1402.4	1169.2	858.4	703.0	615.3	440.0	308.5
117.5°	1425.2	1522.9	1425.2	1327.4	1302.9	1092.6	812.1	671.9	597.4	448.2	336.4
120°	1354.7	1449.7	1354.7	1259.8	1236.1	1043.8	787.6	659.4	591.2	454.9	352.6
122.5°	1286.2	1379.9	1286.2	1192.5	1169.1	996.0	765.3	649.9	588.0	464.5	371.7
125°	1188.4	1274.7	1188.4	1102.1	1080.5	933.5	737.5	639.4	585.4	477.3	396.2
127.5°	1100.4	1173.3	1100.4	1027.7	1009.5	883.2	714.8	630.7	583.9	490.2	419.9
130°	1048.6	1115.9	1048.6	981.3	964.6	852.1	702.3	627.4	584.8	499.6	435.7
132.5°	1001.6	1061.8	1001.6	941.4	926.3	825.7	691.5	624.5	585.4	507.3	448.6
135°	937.2	989.1	937.2	885.3	872.3	788.1	675.7	619.5	584.8	515.5	463.6
137.5°	885.5	927.9	885.5	842.9	832.3	761.1	666.1	618.6	588.4	528.0	482.7
140°	850.0	889.7	850.0	810.3	800.4	738.8	656.8	615.7	589.1	535.7	495.6
142.5°	820.6	854.8	820.6	786.4	777.9	723.8	651.8	615.7	591.2	542.0	505.2
145°	776.6	802.4	776.6	750.7	744.2	700.0	641.0	611.6	591.2	550.3	519.7
147.5°	742.7	764.1	742.7	721.3	716.0	681.2	634.8	611.6	595.2	562.5	538.0
150°	721.5	738.8	721.5	704.1	699.7	670.3	631.2	611.6	597.4	568.9	547.6
152.5°	703.2	716.4	703.2	690.1	686.8	661.8	628.3	611.6	598.7	573.1	553.8
155°	682.3	691.0	682.3	673.6	671.5	651.5	624.9	611.6	601.8	582.2	567.5
157.5°	665.8	671.9	665.8	659.7	658.1	642.6	621.9	611.6	604.8	591.3	581.2
160°	655.9	659.4	655.9	652.4	651.5	638.1	620.4	611.6	606.2	595.5	587.5
162.5°	649.5	652.8	649.5	646.1	645.3	634.0	619.0	611.6	607.7	599.9	594.1
165°	640.1	643.6	640.1	636.5	635.7	627.6	616.9	611.6	609.8	606.3	603.7
167.5°	633.4	634.9	633.4	632.0	631.6	626.3	619.3	615.7	614.3	611.3	609.1
170°	631.6	631.6	631.6	631.6	631.6	626.3	619.3	615.7	615.7	615.5	615.3
172.5°	626.6	625.3	626.6	627.9	628.2	624.0	618.5	615.7	615.7	615.7	615.7
175°	623.6	623.6	623.6	623.6	623.6	621.0	617.5	615.7	616.5	618.2	619.5
177.5°	621.0	619.5	621.0	622.4	622.8	620.7	617.9	616.5	617.2	618.6	619.5
180°	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5



TEST NUMBER: P935650  
 CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1121.4	1121.4	1121.4	1121.4	1121.4	1121.4	1121.4	1121.4	1121.4	1121.4	1121.4
2.5°	1137.4	1130.9	1130.9	1120.3	1116.1	1113.0	1107.7	1091.8	1087.5	1083.2	1089.6
5°	1146.9	1135.2	1126.8	1107.7	1091.8	1085.3	1065.2	1027.0	1001.5	982.5	971.9
7.5°	1149.0	1134.2	1118.3	1088.5	1050.3	1033.4	971.9	901.8	882.7	865.7	855.1
10°	1146.9	1129.9	1107.7	1063.1	972.9	943.2	881.6	836.0	824.4	821.1	824.4
12.5°	1139.5	1123.6	1092.8	1018.5	892.3	872.1	836.0	809.5	807.4	812.7	841.3
15°	1126.8	1111.9	1075.8	959.1	847.7	832.9	807.4	797.9	809.5	846.6	932.6
17.5°	1114.0	1097.1	1052.5	900.7	813.8	803.2	785.1	804.2	870.0	919.8	948.5
20°	1097.1	1076.9	1025.9	858.3	789.3	779.8	771.3	857.3	907.1	925.1	941.0
22.5°	1076.9	1055.6	989.9	828.6	763.9	756.4	761.7	887.0	907.1	919.8	933.6
25°	1050.3	1032.3	947.5	805.2	743.7	735.2	755.4	883.8	895.4	898.6	926.2
27.5°	1025.9	1002.6	902.9	784.0	719.3	716.1	760.7	870.0	878.5	881.6	911.3
30°	996.2	961.2	853.0	761.7	693.9	692.8	761.7	853.0	850.9	859.4	889.1
32.5°	965.4	899.7	796.7	734.2	669.5	668.4	754.3	827.6	825.4	837.1	859.4
35°	936.9	852.0	720.4	702.4	638.7	639.8	736.3	797.9	798.9	809.5	823.3
37.5°	907.1	810.5	636.5	667.4	609.0	609.0	711.9	770.2	768.1	771.3	790.4
40°	872.1	745.8	562.3	621.7	581.4	578.2	682.2	740.5	733.1	732.1	758.6
42.5°	835.0	674.8	507.2	561.2	549.6	545.3	646.1	704.5	690.7	693.9	727.8
45°	794.6	655.6	464.7	474.3	516.7	513.5	606.8	663.1	653.6	662.1	697.1
47.5°	754.3	617.5	450.9	393.6	481.6	480.6	563.4	622.8	617.5	625.9	663.1
50°	699.2	575.0	449.8	337.4	442.5	446.6	511.4	583.5	583.5	590.9	630.2
52.5°	628.1	523.1	408.5	305.5	396.8	409.5	465.7	549.6	551.7	559.1	594.1
55°	563.4	469.0	378.8	281.1	342.7	370.3	421.2	514.6	518.8	526.2	558.1
57.5°	504.0	390.4	372.4	252.5	292.9	319.4	381.9	480.6	482.8	489.1	519.9
60°	440.3	282.2	341.6	221.7	249.3	269.5	345.9	440.3	447.8	451.9	478.5
62.5°	368.2	204.8	309.8	200.5	228.1	232.4	316.1	402.1	411.6	414.8	430.7
65°	262.0	171.8	263.1	182.5	205.8	206.9	284.3	362.9	371.3	376.6	388.3
67.5°	177.1	140.0	200.5	165.5	188.9	189.9	253.6	317.2	328.9	333.2	340.6
70°	123.1	93.4	148.6	147.5	169.8	171.8	220.7	275.8	286.4	289.6	293.9
72.5°	90.2	75.3	123.1	132.7	149.6	151.7	186.7	229.2	239.8	243.0	245.1
75°	69.0	79.6	99.7	115.6	127.3	128.4	152.8	186.7	194.2	196.3	197.3
77.5°	55.2	74.3	73.2	93.4	104.0	101.8	119.9	144.3	150.6	150.6	150.6
80°	41.4	58.4	55.2	66.8	76.4	74.3	85.9	102.9	105.0	107.1	106.1
82.5°	30.8	37.1	37.1	42.4	50.9	48.8	57.3	66.8	66.8	66.8	69.0
85°	19.1	21.2	16.9	22.2	28.7	27.6	31.8	36.1	37.1	37.1	35.0
87.5°	11.6	9.6	5.3	8.5	12.8	12.8	14.9	15.9	14.9	14.9	14.9
90°	10.8	7.5	4.2	7.5	10.8	11.6	18.3	27.1	31.6	28.0	21.0
92.5°	73.2	44.9	16.6	44.9	73.2	80.2	112.8	156.3	177.9	155.9	112.0
95°	143.4	91.6	39.9	91.6	143.4	156.3	277.6	439.2	520.1	464.1	352.2
97.5°	160.3	114.6	69.0	114.6	160.3	171.7	373.9	643.4	778.3	742.9	672.1
100°	174.3	132.9	91.5	132.9	174.3	184.6	409.0	708.1	857.7	860.3	865.5
102.5°	187.8	149.2	110.6	149.2	187.8	197.5	425.0	728.5	880.2	925.3	1015.5
105°	208.5	175.8	143.0	175.8	208.5	216.6	437.0	730.8	877.7	978.8	1180.9
107.5°	237.3	206.8	176.3	206.8	237.3	244.9	439.2	698.3	827.8	968.8	1250.8
110°	253.7	226.3	198.7	226.3	253.7	260.7	435.9	669.5	786.2	943.8	1259.1



TEST NUMBER: P935650

CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	273.2	247.0	220.7	247.0	273.2	279.8	435.9	644.2	748.4	909.7	1232.4
115°	302.5	278.2	254.0	278.2	302.5	308.5	440.0	615.3	703.0	858.4	1169.2
117.5°	330.9	308.9	286.9	308.9	330.9	336.4	448.2	597.4	671.9	812.1	1092.6
120°	347.5	326.7	306.0	326.7	347.5	352.6	454.9	591.2	659.4	787.6	1043.8
122.5°	366.5	345.6	324.7	345.6	366.5	371.7	464.5	588.0	649.9	765.3	996.0
125°	391.5	372.4	353.4	372.4	391.5	396.2	477.3	585.4	639.4	737.5	933.5
127.5°	415.1	395.9	376.7	395.9	415.1	419.9	490.2	583.9	630.7	714.8	883.2
130°	430.6	409.9	389.1	409.9	430.6	435.7	499.6	584.8	627.4	702.3	852.1
132.5°	443.5	422.8	402.1	422.8	443.5	448.6	507.3	585.4	624.5	691.5	825.7
135°	458.8	440.0	421.2	440.0	458.8	463.6	515.5	584.8	619.5	675.7	788.1
137.5°	478.0	459.3	440.7	459.3	478.0	482.7	528.0	588.4	618.6	666.1	761.1
140°	491.3	474.1	456.9	474.1	491.3	495.6	535.7	589.1	615.7	656.8	738.8
142.5°	501.2	485.3	469.4	485.3	501.2	505.2	542.0	591.2	615.7	651.8	723.8
145°	516.2	502.4	488.5	502.4	516.2	519.7	550.3	591.2	611.6	641.0	700.0
147.5°	534.6	521.1	507.7	521.1	534.6	538.0	562.5	595.2	611.6	634.8	681.2
150°	544.5	532.3	520.1	532.3	544.5	547.6	568.9	597.4	611.6	631.2	670.3
152.5°	551.5	542.3	533.0	542.3	551.5	553.8	573.1	598.7	611.6	628.3	661.8
155°	565.8	559.0	552.1	559.0	565.8	567.5	582.2	601.8	611.6	624.9	651.5
157.5°	579.5	572.9	566.3	572.9	579.5	581.2	591.3	604.8	611.6	621.9	642.6
160°	586.2	581.0	575.8	581.0	586.2	587.5	595.5	606.2	611.6	620.4	638.1
162.5°	593.2	589.2	585.4	589.2	593.2	594.1	599.9	607.7	611.6	619.0	634.0
165°	602.8	599.3	595.7	599.3	602.8	603.7	606.3	609.8	611.6	616.9	627.6
167.5°	608.7	607.0	605.4	607.0	608.7	609.1	611.3	614.3	615.7	619.3	626.3
170°	614.9	613.3	611.6	613.3	614.9	615.3	615.5	615.7	615.7	619.3	626.3
172.5°	615.7	615.3	614.9	615.3	615.7	615.7	615.7	615.7	615.7	618.5	624.0
175°	619.5	619.5	619.5	619.5	619.5	619.5	618.2	616.5	615.7	617.5	621.0
177.5°	619.5	619.5	619.5	619.5	619.5	619.5	618.6	617.2	616.5	617.9	620.7
180°	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5



TEST NUMBER: P935650  
 CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1121.4	1121.4	1121.4	1121.4	1121.4	1121.4	1121.4	1121.4	1121.4	1121.4	1121.4
2.5°	1082.2	1079.0	1083.2	1071.5	1083.2	1079.0	1082.2	1089.6	1083.2	1087.5	1091.8
5°	949.5	944.2	927.3	913.5	927.3	944.2	949.5	971.9	982.5	1001.5	1027.0
7.5°	848.8	844.5	840.3	831.7	840.3	844.5	848.8	855.1	865.7	882.7	901.8
10°	826.4	827.6	833.9	832.9	833.9	827.6	826.4	824.4	821.1	824.4	836.0
12.5°	883.8	893.3	928.3	926.2	928.3	893.3	883.8	841.3	812.7	807.4	809.5
15°	949.5	952.8	960.1	961.2	960.1	952.8	949.5	932.6	846.6	809.5	797.9
17.5°	955.9	957.0	962.3	962.3	962.3	957.0	955.9	948.5	919.8	870.0	804.2
20°	950.6	952.8	963.4	965.4	963.4	952.8	950.6	941.0	925.1	907.1	857.3
22.5°	948.5	952.8	961.2	960.1	961.2	952.8	948.5	933.6	919.8	907.1	887.0
25°	937.9	937.9	938.9	940.0	938.9	937.9	937.9	926.2	898.6	895.4	883.8
27.5°	915.6	917.7	924.1	923.0	924.1	917.7	915.6	911.3	881.6	878.5	870.0
30°	895.4	893.3	888.0	883.8	888.0	893.3	895.4	889.1	859.4	850.9	853.0
32.5°	861.5	856.2	850.9	847.7	850.9	856.2	861.5	859.4	837.1	825.4	827.6
35°	821.1	822.3	821.1	818.0	821.1	822.3	821.1	823.3	809.5	798.9	797.9
37.5°	792.6	794.6	793.6	789.3	793.6	794.6	792.6	790.4	771.3	768.1	770.2
40°	762.8	763.9	762.8	759.6	762.8	763.9	762.8	758.6	732.1	733.1	740.5
42.5°	734.2	733.1	729.9	727.8	729.9	733.1	734.2	727.8	693.9	690.7	704.5
45°	701.3	702.4	696.0	692.8	696.0	702.4	701.3	697.1	662.1	653.6	663.1
47.5°	668.4	668.4	663.1	659.9	663.1	668.4	668.4	663.1	625.9	617.5	622.8
50°	633.4	632.4	624.9	623.9	624.9	632.4	633.4	630.2	590.9	583.5	583.5
52.5°	593.1	593.1	594.1	596.2	594.1	593.1	593.1	594.1	559.1	551.7	549.6
55°	558.1	559.1	566.5	568.7	566.5	559.1	558.1	558.1	526.2	518.8	514.6
57.5°	522.0	522.0	527.3	527.3	527.3	522.0	522.0	519.9	489.1	482.8	480.6
60°	480.6	482.8	486.9	485.9	486.9	482.8	480.6	478.5	451.9	447.8	440.3
62.5°	437.1	439.2	440.3	438.2	440.3	439.2	437.1	430.7	414.8	411.6	402.1
65°	391.5	393.6	394.7	392.6	394.7	393.6	391.5	388.3	376.6	371.3	362.9
67.5°	344.8	343.8	342.7	346.9	342.7	343.8	344.8	340.6	333.2	328.9	317.2
70°	297.0	297.0	296.0	298.2	296.0	297.0	297.0	293.9	289.6	286.4	275.8
72.5°	246.1	245.1	249.3	246.1	249.3	245.1	246.1	245.1	243.0	239.8	229.2
75°	196.3	198.4	196.3	199.5	196.3	198.4	196.3	197.3	196.3	194.2	186.7
77.5°	149.6	151.7	149.6	149.6	149.6	151.7	149.6	150.6	150.6	150.6	144.3
80°	106.1	105.0	105.0	104.0	105.0	105.0	106.1	106.1	107.1	105.0	102.9
82.5°	67.9	66.8	66.8	69.0	66.8	66.8	67.9	69.0	66.8	66.8	66.8
85°	37.1	38.2	36.1	36.1	36.1	38.2	37.1	35.0	37.1	37.1	36.1
87.5°	13.8	12.8	12.8	12.8	12.8	12.8	13.8	14.9	14.9	14.9	15.9
90°	15.8	15.8	15.8	15.8	15.8	15.8	15.8	21.0	28.0	31.6	27.1
92.5°	79.0	75.9	63.3	50.7	63.3	75.9	79.0	112.0	155.9	177.9	156.3
95°	268.2	258.6	220.6	182.5	220.6	258.6	268.2	352.2	464.1	520.1	439.2
97.5°	619.0	601.0	528.5	456.1	528.5	601.0	619.0	672.1	742.9	778.3	643.4
100°	869.3	847.7	761.5	675.2	761.5	847.7	869.3	865.5	860.3	857.7	708.1
102.5°	1083.1	1064.6	990.7	916.8	990.7	1064.6	1083.1	1015.5	925.3	880.2	728.5
105°	1332.5	1322.5	1282.9	1243.1	1282.9	1322.5	1332.5	1180.9	978.8	877.7	730.8
107.5°	1462.2	1464.6	1474.2	1483.9	1474.2	1464.6	1462.2	1250.8	968.8	827.8	698.3
110°	1495.5	1505.9	1547.2	1588.6	1547.2	1505.9	1495.5	1259.1	943.8	786.2	669.5



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1474.3	1490.2	1553.7	1617.3	1553.7	1490.2	1474.3	1232.4	909.7	748.4	644.2
115°	1402.4	1424.4	1512.5	1600.7	1512.5	1424.4	1402.4	1169.2	858.4	703.0	615.3
117.5°	1302.9	1327.4	1425.2	1522.9	1425.2	1327.4	1302.9	1092.6	812.1	671.9	597.4
120°	1236.1	1259.8	1354.7	1449.7	1354.7	1259.8	1236.1	1043.8	787.6	659.4	591.2
122.5°	1169.1	1192.5	1286.2	1379.9	1286.2	1192.5	1169.1	996.0	765.3	649.9	588.0
125°	1080.5	1102.1	1188.4	1274.7	1188.4	1102.1	1080.5	933.5	737.5	639.4	585.4
127.5°	1009.5	1027.7	1100.4	1173.3	1100.4	1027.7	1009.5	883.2	714.8	630.7	583.9
130°	964.6	981.3	1048.6	1115.9	1048.6	981.3	964.6	852.1	702.3	627.4	584.8
132.5°	926.3	941.4	1001.6	1061.8	1001.6	941.4	926.3	825.7	691.5	624.5	585.4
135°	872.3	885.3	937.2	989.1	937.2	885.3	872.3	788.1	675.7	619.5	584.8
137.5°	832.3	842.9	885.5	927.9	885.5	842.9	832.3	761.1	666.1	618.6	588.4
140°	800.4	810.3	850.0	889.7	850.0	810.3	800.4	738.8	656.8	615.7	589.1
142.5°	777.9	786.4	820.6	854.8	820.6	786.4	777.9	723.8	651.8	615.7	591.2
145°	744.2	750.7	776.6	802.4	776.6	750.7	744.2	700.0	641.0	611.6	591.2
147.5°	716.0	721.3	742.7	764.1	742.7	721.3	716.0	681.2	634.8	611.6	595.2
150°	699.7	704.1	721.5	738.8	721.5	704.1	699.7	670.3	631.2	611.6	597.4
152.5°	686.8	690.1	703.2	716.4	703.2	690.1	686.8	661.8	628.3	611.6	598.7
155°	671.5	673.6	682.3	691.0	682.3	673.6	671.5	651.5	624.9	611.6	601.8
157.5°	658.1	659.7	665.8	671.9	665.8	659.7	658.1	642.6	621.9	611.6	604.8
160°	651.5	652.4	655.9	659.4	655.9	652.4	651.5	638.1	620.4	611.6	606.2
162.5°	645.3	646.1	649.5	652.8	649.5	646.1	645.3	634.0	619.0	611.6	607.7
165°	635.7	636.5	640.1	643.6	640.1	636.5	635.7	627.6	616.9	611.6	609.8
167.5°	631.6	632.0	633.4	634.9	633.4	632.0	631.6	626.3	619.3	615.7	614.3
170°	631.6	631.6	631.6	631.6	631.6	631.6	631.6	626.3	619.3	615.7	615.7
172.5°	628.2	627.9	626.6	625.3	626.6	627.9	628.2	624.0	618.5	615.7	615.7
175°	623.6	623.6	623.6	623.6	623.6	623.6	623.6	621.0	617.5	615.7	616.5
177.5°	622.8	622.4	621.0	619.5	621.0	622.4	622.8	620.7	617.9	616.5	617.2
180°	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5	619.5



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1121.4	1121.4	1121.4	1121.4	1121.4
2.5°	1107.7	1113.0	1116.1	1120.3	1130.9
5°	1065.2	1085.3	1091.8	1107.7	1126.8
7.5°	971.9	1033.4	1050.3	1088.5	1118.3
10°	881.6	943.2	972.9	1063.1	1107.7
12.5°	836.0	872.1	892.3	1018.5	1092.8
15°	807.4	832.9	847.7	959.1	1075.8
17.5°	785.1	803.2	813.8	900.7	1052.5
20°	771.3	779.8	789.3	858.3	1025.9
22.5°	761.7	756.4	763.9	828.6	989.9
25°	755.4	735.2	743.7	805.2	947.5
27.5°	760.7	716.1	719.3	784.0	902.9
30°	761.7	692.8	693.9	761.7	853.0
32.5°	754.3	668.4	669.5	734.2	796.7
35°	736.3	639.8	638.7	702.4	720.4
37.5°	711.9	609.0	609.0	667.4	636.5
40°	682.2	578.2	581.4	621.7	562.3
42.5°	646.1	545.3	549.6	561.2	507.2
45°	606.8	513.5	516.7	474.3	464.7
47.5°	563.4	480.6	481.6	393.6	450.9
50°	511.4	446.6	442.5	337.4	449.8
52.5°	465.7	409.5	396.8	305.5	408.5
55°	421.2	370.3	342.7	281.1	378.8
57.5°	381.9	319.4	292.9	252.5	372.4
60°	345.9	269.5	249.3	221.7	341.6
62.5°	316.1	232.4	228.1	200.5	309.8
65°	284.3	206.9	205.8	182.5	263.1
67.5°	253.6	189.9	188.9	165.5	200.5
70°	220.7	171.8	169.8	147.5	148.6
72.5°	186.7	151.7	149.6	132.7	123.1
75°	152.8	128.4	127.3	115.6	99.7
77.5°	119.9	101.8	104.0	93.4	73.2
80°	85.9	74.3	76.4	66.8	55.2
82.5°	57.3	48.8	50.9	42.4	37.1
85°	31.8	27.6	28.7	22.2	16.9
87.5°	14.9	12.8	12.8	8.5	5.3
90°	18.3	11.6	10.8	7.5	4.2
92.5°	112.8	80.2	73.2	44.9	16.6
95°	277.6	156.3	143.4	91.6	39.9
97.5°	373.9	171.7	160.3	114.6	69.0
100°	409.0	184.6	174.3	132.9	91.5
102.5°	425.0	197.5	187.8	149.2	110.6
105°	437.0	216.6	208.5	175.8	143.0
107.5°	439.2	244.9	237.3	206.8	176.3
110°	435.9	260.7	253.7	226.3	198.7



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	435.9	279.8	273.2	247.0	220.7
115°	440.0	308.5	302.5	278.2	254.0
117.5°	448.2	336.4	330.9	308.9	286.9
120°	454.9	352.6	347.5	326.7	306.0
122.5°	464.5	371.7	366.5	345.6	324.7
125°	477.3	396.2	391.5	372.4	353.4
127.5°	490.2	419.9	415.1	395.9	376.7
130°	499.6	435.7	430.6	409.9	389.1
132.5°	507.3	448.6	443.5	422.8	402.1
135°	515.5	463.6	458.8	440.0	421.2
137.5°	528.0	482.7	478.0	459.3	440.7
140°	535.7	495.6	491.3	474.1	456.9
142.5°	542.0	505.2	501.2	485.3	469.4
145°	550.3	519.7	516.2	502.4	488.5
147.5°	562.5	538.0	534.6	521.1	507.7
150°	568.9	547.6	544.5	532.3	520.1
152.5°	573.1	553.8	551.5	542.3	533.0
155°	582.2	567.5	565.8	559.0	552.1
157.5°	591.3	581.2	579.5	572.9	566.3
160°	595.5	587.5	586.2	581.0	575.8
162.5°	599.9	594.1	593.2	589.2	585.4
165°	606.3	603.7	602.8	599.3	595.7
167.5°	611.3	609.1	608.7	607.0	605.4
170°	615.5	615.3	614.9	613.3	611.6
172.5°	615.7	615.7	615.7	615.3	614.9
175°	618.2	619.5	619.5	619.5	619.5
177.5°	618.6	619.5	619.5	619.5	619.5
180°	619.5	619.5	619.5	619.5	619.5



TEST NUMBER: P935650  
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**CIE UGR TABLE:**

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	12.15	12.94	13.17	13.97	15.35	14.94	15.74	15.97	16.77	18.15
	3H	12.62	13.33	13.65	14.37	15.77	16.27	16.98	17.31	18.02	19.43
	4H	12.81	13.48	13.85	14.52	15.93	16.71	17.38	17.75	18.42	19.83
	6H	12.92	13.54	13.98	14.59	16.01	16.98	17.60	18.04	18.65	20.07
	8H	12.92	13.51	13.98	14.57	15.99	17.05	17.64	18.11	18.70	20.12
	12H	12.89	13.45	13.96	14.51	15.95	17.08	17.64	18.15	18.70	20.14
4H	2H	13.16	13.84	14.21	14.88	16.29	15.35	16.02	16.40	17.06	18.47
	3H	14.18	14.74	15.24	15.81	17.24	16.84	17.40	17.90	18.47	19.89
	4H	14.46	14.97	15.52	16.03	17.48	17.35	17.87	18.42	18.93	20.37
	6H	14.58	15.02	15.65	16.10	17.54	17.71	18.15	18.78	19.23	20.67
	8H	14.58	14.99	15.66	16.07	17.52	17.81	18.22	18.88	19.30	20.75
	12H	14.55	14.92	15.64	16.01	17.47	17.86	18.23	18.95	19.32	20.78
8H	4H	14.90	15.31	15.98	16.39	17.84	17.47	17.89	18.55	18.96	20.42
	6H	15.16	15.50	16.26	16.62	18.07	17.90	18.24	19.00	19.36	20.81
	8H	15.20	15.50	16.31	16.60	18.07	18.05	18.34	19.15	19.45	20.92
	12H	15.18	15.44	16.29	16.54	18.05	18.14	18.40	19.24	19.50	21.00
12H	4H	14.90	15.27	15.99	16.36	17.82	17.44	17.81	18.53	18.90	20.36
	6H	15.22	15.52	16.32	16.62	18.09	17.90	18.20	19.00	19.30	20.77
	8H	15.28	15.54	16.39	16.64	18.15	18.05	18.31	19.16	19.41	20.92