

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: P935487

Luminaire Tested: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-2700K

Issue Date: 12/17/2024

**Test Information**

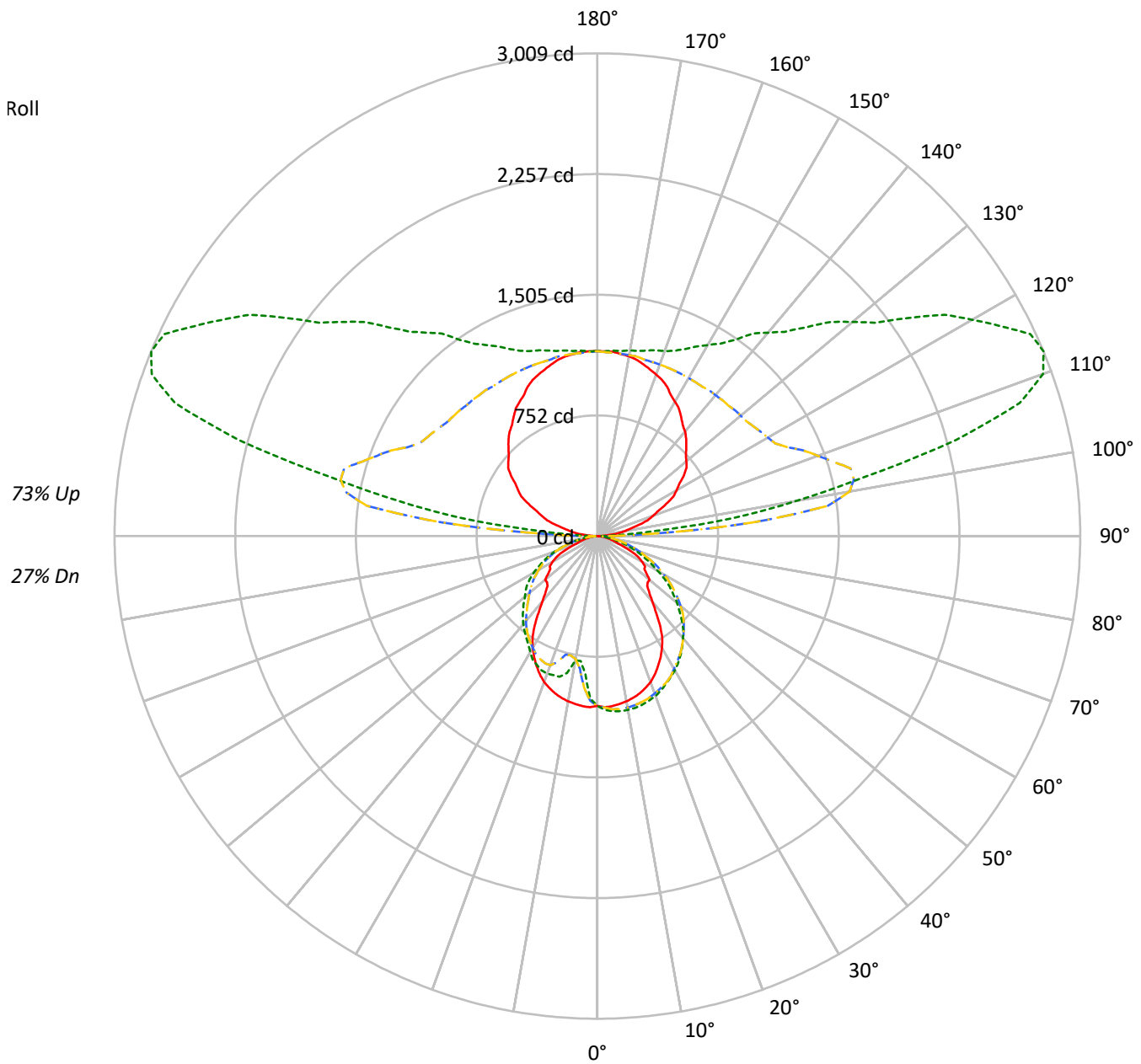
Test Method: LM-79-2019  
Report Number: P935487  
REPORT IS A COMBINATION OF REPORTS P933755 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-2700K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10221.9 lumens  
Efficiency: N/A  
Efficacy: 143.2 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')  
CIE Type: Semi-Indirect  
  
Input Watts (W): 71.4  
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	102	102	102	102	91	91	91	91	71	71	71	52	52	52	35	35	35	27			27
1	93	88	85	81	83	79	76	73	62	60	58	46	44	43	31	30	29	23			23
2	84	77	71	66	75	69	64	60	54	51	48	40	38	36	27	26	25	19			19
3	77	68	61	55	68	61	55	50	48	43	40	35	33	30	24	22	21	16			16
4	70	60	52	47	62	54	47	42	42	38	34	31	28	26	21	20	18	14			14
5	64	53	45	40	57	48	41	36	38	33	29	28	25	22	19	17	16	12			12
6	59	48	40	34	53	43	36	31	34	29	25	25	22	19	17	15	14	10			10
7	55	43	35	30	49	38	32	27	30	26	22	23	20	17	16	14	12	9			9
8	50	39	31	26	45	35	28	24	28	23	19	21	18	15	15	12	11	8			8
9	47	35	28	23	42	32	25	21	25	21	17	19	16	14	13	11	10	7			7
10	44	32	25	20	39	29	23	19	23	19	15	18	14	12	12	10	9	7			7

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

	0°	90°	180°	270°
0°	6551	6551	6551	6551
5°	6598	6613	6598	5200
10°	6551	6515	6551	4657
15°	6478	6373	6478	5322
20°	6340	6206	6340	5333
25°	6060	5962	6060	5220
30°	5700	5760	5700	4972
35°	5079	5504	5079	4699
40°	4230	5203	4230	4493
45°	3776	4849	3776	4256
50°	4009	4429	4009	4018
55°	3768	3975	3768	3881
60°	3879	3376	3879	3555
65°	3512	2791	3512	3119
70°	2425	2223	2425	2615
75°	2120	1644	2120	1968
80°	1696	1086	1696	1184
85°	954	575	954	490

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 5792 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	95.6	0.9
10°-20°	271.4	2.7
20°-30°	419.6	4.1
30°-40°	500.9	4.9
40°-50°	503.8	4.9
50°-60°	438.4	4.3
60°-70°	310.8	3.0
70°-80°	164.4	1.6
80°-90°	45.3	0.4
90°-100°	561.8	5.5
100°-110°	1477.0	14.4
110°-120°	1531.5	15.0
120°-130°	1228.5	12.0
130°-140°	963.9	9.4
140°-150°	739.8	7.2
150°-160°	532.8	5.2
160°-170°	326.0	3.2
170°-180°	110.1	1.1
0°-30°	786.6	7.7
0°-40°	1287.5	12.6
0°-60°	2229.7	21.8
0°-90°	2750.3	26.9
90°-120°	3570.4	34.9
90°-150°	6502.6	63.6
90°-180°	7472.0	73.1
0°-180°	10221.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1059	1059	1059	1059	1059	
5°	1064	1097	1064	863	1064	101
15°	1016	1087	1016	908	1016	286
25°	895	1014	895	888	895	411
35°	680	905	680	772	680	421
45°	439	745	439	654	439	352
55°	358	550	358	537	358	329
65°	248	332	248	371	248	237
75°	94	157	94	188	94	99
85°	16	40	16	34	16	22
90°	8	29	8	29	8	7
95°	74	340	74	340	74	82
105°	266	2313	266	2313	266	282
115°	473	2978	473	2978	473	467
125°	658	2372	658	2372	658	584
135°	784	1840	784	1840	784	606
145°	909	1493	909	1493	909	569
155°	1027	1286	1027	1286	1027	472
165°	1108	1197	1108	1197	1108	313
175°	1153	1160	1153	1160	1153	109
180°	1153	1153	1153	1153	1153	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0
2.5°	1068.1	1068.1	1074.1	1076.1	1076.1	1073.1	1070.1	1073.1	1082.2	1085.1	1084.1
5°	1064.0	1072.1	1083.2	1085.1	1087.1	1086.1	1084.1	1086.1	1096.1	1098.2	1099.2
7.5°	1056.1	1071.1	1085.1	1088.1	1091.1	1088.1	1087.1	1089.1	1099.2	1101.2	1101.2
10°	1046.0	1067.1	1083.2	1085.1	1088.1	1085.1	1085.1	1089.1	1099.2	1101.2	1102.2
12.5°	1032.1	1061.0	1076.1	1078.1	1082.2	1081.2	1080.1	1084.1	1094.1	1096.1	1096.1
15°	1016.0	1050.1	1064.0	1066.1	1073.1	1071.1	1071.1	1075.1	1086.1	1089.1	1088.1
17.5°	993.9	1036.0	1052.1	1055.1	1060.0	1059.0	1060.0	1064.0	1074.1	1076.1	1077.1
20°	968.9	1017.0	1036.0	1039.0	1044.0	1044.0	1044.0	1049.1	1059.0	1063.0	1063.0
22.5°	934.8	996.9	1017.0	1019.0	1025.0	1025.0	1027.0	1034.0	1043.0	1044.0	1044.0
25°	894.7	974.9	991.9	998.0	1004.0	1007.0	1009.9	1014.0	1017.0	1016.0	1017.0
27.5°	852.7	946.8	968.9	972.9	981.0	983.9	987.9	988.9	989.9	992.9	990.9
30°	805.6	907.8	940.8	944.8	957.9	959.8	955.9	957.9	962.8	964.9	966.9
32.5°	752.5	849.7	911.7	920.8	932.9	926.8	925.8	928.8	936.8	936.8	938.8
35°	680.4	804.6	884.7	892.7	901.8	894.7	898.8	899.8	904.8	907.8	906.8
37.5°	601.2	765.5	856.7	862.6	869.7	860.6	866.7	869.7	873.7	871.7	871.7
40°	531.1	704.4	823.6	827.6	833.7	826.6	832.7	834.6	836.6	834.6	833.7
42.5°	479.0	637.2	788.5	793.5	789.5	794.5	796.6	800.6	797.6	793.5	793.5
45°	438.8	619.2	750.5	756.5	750.5	758.5	761.4	761.4	752.5	750.5	749.5
47.5°	425.8	583.2	712.4	712.4	709.4	719.4	724.4	717.4	708.4	705.4	705.4
50°	424.8	543.0	660.2	656.3	670.3	682.4	677.3	670.3	663.3	652.3	652.3
52.5°	385.8	493.9	593.1	608.2	630.3	637.2	629.3	622.2	610.1	605.2	601.2
55°	357.7	442.8	532.1	562.1	585.2	594.1	579.2	572.1	554.1	551.1	549.1
57.5°	351.7	368.7	475.9	514.0	542.0	541.0	532.1	519.0	504.0	501.0	500.0
60°	322.6	266.5	415.8	460.9	489.9	486.9	479.0	466.9	452.9	450.9	448.9
62.5°	292.5	193.4	347.7	398.8	439.8	438.8	431.9	413.8	403.8	398.8	394.8
65°	248.5	162.3	247.5	331.7	390.7	392.7	377.8	364.7	353.7	347.7	346.7
67.5°	189.3	132.3	167.3	276.6	343.7	341.6	322.6	316.6	302.6	299.6	293.6
70°	140.2	88.1	116.2	224.4	297.6	292.5	277.6	270.5	257.5	250.5	246.5
72.5°	116.2	71.1	85.2	174.3	250.5	244.5	231.5	223.4	212.4	206.4	202.4
75°	94.2	75.1	65.1	129.3	203.4	199.4	187.3	179.4	170.3	162.3	163.3
77.5°	69.1	70.1	52.1	95.2	161.4	155.3	148.3	138.2	134.3	126.3	126.3
80°	52.1	55.1	39.0	65.1	116.2	116.2	110.3	103.2	96.2	92.2	92.2
82.5°	35.1	35.1	29.1	41.0	79.2	76.2	72.1	70.1	66.1	64.1	64.1
85°	16.0	20.0	18.0	25.0	43.1	45.1	45.1	43.1	42.1	40.0	41.0
87.5°	5.0	9.1	11.1	14.0	22.0	23.0	24.0	24.0	24.0	25.0	25.0
90°	7.8	13.9	20.1	21.6	34.0	50.5	58.8	52.2	39.1	29.4	29.4
92.5°	31.0	83.6	136.2	149.3	209.9	290.6	331.1	290.1	208.4	147.0	141.1
95°	74.3	170.5	266.7	290.8	516.4	817.3	967.7	863.5	655.2	498.9	481.2
97.5°	128.4	213.2	298.2	319.4	695.6	1197.3	1448.1	1382.2	1250.6	1151.8	1118.1
100°	170.2	247.2	324.2	343.4	760.8	1317.5	1595.8	1600.6	1610.2	1617.4	1577.3
102.5°	205.8	277.6	349.5	367.4	790.8	1355.3	1637.5	1721.4	1889.2	2015.0	1980.6
105°	266.1	327.0	387.7	403.0	812.9	1359.6	1632.9	1821.0	2197.1	2479.1	2460.6
107.5°	328.0	384.7	441.4	455.6	817.1	1299.1	1540.1	1802.5	2327.1	2720.5	2725.0
110°	369.7	420.9	472.1	485.0	810.8	1245.4	1462.7	1755.9	2342.5	2782.4	2801.6



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	410.8	459.6	508.4	520.6	811.1	1198.6	1392.3	1692.4	2292.7	2742.9	2772.5
115°	472.6	517.6	562.7	574.0	818.7	1144.9	1308.0	1597.2	2175.5	2609.1	2650.2
117.5°	533.8	574.7	615.5	625.8	833.9	1111.2	1250.0	1510.9	2032.8	2424.3	2469.7
120°	569.3	607.9	646.3	656.0	846.2	1099.9	1226.8	1465.2	1942.0	2299.7	2343.9
122.5°	604.2	643.0	681.9	691.5	864.0	1094.0	1209.0	1423.8	1853.2	2175.2	2218.7
125°	657.5	692.9	728.3	737.1	888.0	1089.1	1189.7	1372.1	1736.8	2010.4	2050.6
127.5°	700.8	736.5	772.3	781.3	912.0	1086.3	1173.5	1330.1	1643.3	1878.2	1912.0
130°	724.0	762.5	801.0	810.6	929.5	1087.9	1167.2	1306.7	1585.4	1794.6	1825.9
132.5°	748.0	786.5	825.0	834.6	943.7	1089.1	1161.8	1286.6	1536.2	1723.4	1751.4
135°	783.6	818.6	853.7	862.4	959.1	1088.1	1152.6	1257.1	1466.1	1622.9	1647.0
137.5°	819.9	854.7	889.4	898.1	982.4	1094.8	1151.0	1239.3	1416.0	1548.6	1568.3
140°	850.1	882.1	914.0	922.0	996.5	1095.9	1145.6	1221.9	1374.6	1489.0	1507.5
142.5°	873.3	902.9	932.5	939.8	1008.4	1099.9	1145.6	1212.6	1346.7	1447.3	1463.2
145°	908.8	934.6	960.4	966.9	1023.9	1099.9	1137.8	1192.7	1302.4	1384.6	1396.7
147.5°	944.5	969.6	994.7	1001.0	1046.6	1107.5	1137.8	1181.0	1267.3	1332.1	1342.0
150°	967.7	990.4	1013.0	1018.7	1058.4	1111.3	1137.8	1174.3	1247.2	1301.9	1309.9
152.5°	991.6	1008.8	1026.1	1030.4	1066.2	1113.9	1137.8	1168.9	1231.2	1277.9	1283.9
155°	1027.3	1040.0	1052.7	1055.9	1083.2	1119.6	1137.8	1162.6	1212.1	1249.3	1253.4
157.5°	1053.6	1065.9	1078.3	1081.4	1100.2	1125.3	1137.8	1157.1	1195.6	1224.5	1227.3
160°	1071.3	1081.0	1090.6	1093.0	1108.0	1127.9	1137.8	1154.4	1187.3	1212.1	1213.7
162.5°	1089.1	1096.3	1103.6	1105.4	1116.2	1130.7	1137.8	1151.8	1179.6	1200.5	1202.1
165°	1108.4	1115.0	1121.6	1123.2	1128.1	1134.5	1137.8	1147.8	1167.8	1182.8	1184.3
167.5°	1126.3	1129.4	1132.5	1133.2	1137.3	1142.8	1145.6	1152.2	1165.2	1175.0	1175.7
170°	1137.8	1140.9	1144.0	1144.8	1145.1	1145.4	1145.6	1152.2	1165.2	1175.0	1175.0
172.5°	1144.0	1144.7	1145.4	1145.6	1145.6	1145.6	1145.6	1150.8	1161.0	1168.8	1168.2
175°	1152.6	1152.6	1152.6	1152.6	1150.3	1147.2	1145.6	1148.9	1155.5	1160.3	1160.3
177.5°	1152.6	1152.6	1152.6	1152.6	1150.8	1148.3	1147.1	1149.7	1154.9	1158.7	1158.0
180°	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0
2.5°	1086.1	1083.2	1086.1	1084.1	1085.1	1082.2	1073.1	1070.1	1073.1	1076.1	1076.1
5°	1099.2	1097.1	1099.2	1099.2	1098.2	1096.1	1086.1	1084.1	1086.1	1087.1	1085.1
7.5°	1103.2	1100.2	1103.2	1101.2	1101.2	1099.2	1089.1	1087.1	1088.1	1091.1	1088.1
10°	1103.2	1100.2	1103.2	1102.2	1101.2	1099.2	1089.1	1085.1	1085.1	1088.1	1085.1
12.5°	1098.2	1096.1	1098.2	1096.1	1096.1	1094.1	1084.1	1080.1	1081.2	1082.2	1078.1
15°	1090.1	1087.1	1090.1	1088.1	1089.1	1086.1	1075.1	1071.1	1071.1	1073.1	1066.1
17.5°	1078.1	1074.1	1078.1	1077.1	1076.1	1074.1	1064.0	1060.0	1059.0	1060.0	1055.1
20°	1064.0	1061.0	1064.0	1063.0	1063.0	1059.0	1049.1	1044.0	1044.0	1044.0	1039.0
22.5°	1042.0	1039.0	1042.0	1044.0	1044.0	1043.0	1034.0	1027.0	1025.0	1025.0	1019.0
25°	1017.0	1014.0	1017.0	1017.0	1016.0	1017.0	1014.0	1009.9	1007.0	1004.0	998.0
27.5°	992.9	990.9	992.9	990.9	992.9	989.9	988.9	987.9	983.9	981.0	972.9
30°	968.9	966.9	968.9	966.9	964.9	962.8	957.9	955.9	959.8	957.9	944.8
32.5°	938.8	936.8	938.8	938.8	936.8	936.8	928.8	925.8	926.8	932.9	920.8
35°	907.8	904.8	907.8	906.8	907.8	904.8	899.8	898.8	894.7	901.8	892.7
37.5°	871.7	868.7	871.7	871.7	871.7	873.7	869.7	866.7	860.6	869.7	862.6
40°	834.6	830.7	834.6	833.7	834.6	836.6	834.6	832.7	826.6	833.7	827.6
42.5°	792.5	791.5	792.5	793.5	793.5	797.6	800.6	796.6	794.5	789.5	793.5
45°	747.5	745.4	747.5	749.5	750.5	752.5	761.4	761.4	758.5	750.5	756.5
47.5°	699.4	694.3	699.4	705.4	705.4	708.4	717.4	724.4	719.4	709.4	712.4
50°	648.3	649.3	648.3	652.3	652.3	663.3	670.3	677.3	682.4	670.3	656.3
52.5°	598.2	597.2	598.2	601.2	605.2	610.1	622.2	629.3	637.2	630.3	608.2
55°	548.1	550.1	548.1	549.1	551.1	554.1	572.1	579.2	594.1	585.2	562.1
57.5°	498.0	495.0	498.0	500.0	501.0	504.0	519.0	532.1	541.0	542.0	514.0
60°	439.8	435.8	439.8	448.9	450.9	452.9	466.9	479.0	486.9	489.9	460.9
62.5°	388.7	381.8	388.7	394.8	398.8	403.8	413.8	431.9	438.8	439.8	398.8
65°	334.7	331.7	334.7	346.7	347.7	353.7	364.7	377.8	392.7	390.7	331.7
67.5°	285.6	285.6	285.6	293.6	299.6	302.6	316.6	322.6	341.6	343.7	276.6
70°	240.4	239.4	240.4	246.5	250.5	257.5	270.5	277.6	292.5	297.6	224.4
72.5°	197.4	196.4	197.4	202.4	206.4	212.4	223.4	231.5	244.5	250.5	174.3
75°	159.4	157.3	159.4	163.3	162.3	170.3	179.4	187.3	199.4	203.4	129.3
77.5°	122.2	122.2	122.2	126.3	126.3	134.3	138.2	148.3	155.3	161.4	95.2
80°	91.1	90.1	91.1	92.2	92.2	96.2	103.2	110.3	116.2	116.2	65.1
82.5°	64.1	62.2	64.1	64.1	64.1	66.1	70.1	72.1	76.2	79.2	41.0
85°	40.0	40.0	40.0	41.0	40.0	42.1	43.1	45.1	45.1	43.1	25.0
87.5°	26.1	25.0	26.1	25.0	25.0	24.0	24.0	24.0	23.0	22.0	14.0
90°	29.4	29.4	29.4	29.4	29.4	39.1	52.2	58.8	50.5	34.0	21.6
92.5°	117.7	94.3	117.7	141.1	147.0	208.4	290.1	331.1	290.6	209.9	149.3
95°	410.4	339.5	410.4	481.2	498.9	655.2	863.5	967.7	817.3	516.4	290.8
97.5°	983.4	848.6	983.4	1118.1	1151.8	1250.6	1382.2	1448.1	1197.3	695.6	319.4
100°	1416.8	1256.3	1416.8	1577.3	1617.4	1610.2	1600.6	1595.8	1317.5	760.8	343.4
102.5°	1843.1	1705.6	1843.1	1980.6	2015.0	1889.2	1721.4	1637.5	1355.3	790.8	367.4
105°	2386.7	2312.8	2386.7	2460.6	2479.1	2197.1	1821.0	1632.9	1359.6	812.9	403.0
107.5°	2742.8	2760.7	2742.8	2725.0	2720.5	2327.1	1802.5	1540.1	1299.1	817.1	455.6
110°	2878.6	2955.6	2878.6	2801.6	2782.4	2342.5	1755.9	1462.7	1245.4	810.8	485.0





TEST NUMBER: P935487

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-2700K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2890.7	3009.0	2890.7	2772.5	2742.9	2292.7	1692.4	1392.3	1198.6	811.1	520.6
115°	2814.1	2978.0	2814.1	2650.2	2609.1	2175.5	1597.2	1308.0	1144.9	818.7	574.0
117.5°	2651.6	2833.4	2651.6	2469.7	2424.3	2032.8	1510.9	1250.0	1111.2	833.9	625.8
120°	2520.6	2697.3	2520.6	2343.9	2299.7	1942.0	1465.2	1226.8	1099.9	846.2	656.0
122.5°	2393.0	2567.3	2393.0	2218.7	2175.2	1853.2	1423.8	1209.0	1094.0	864.0	691.5
125°	2211.1	2371.7	2211.1	2050.6	2010.4	1736.8	1372.1	1189.7	1089.1	888.0	737.1
127.5°	2047.5	2182.9	2047.5	1912.0	1878.2	1643.3	1330.1	1173.5	1086.3	912.0	781.3
130°	1951.1	2076.2	1951.1	1825.9	1794.6	1585.4	1306.7	1167.2	1087.9	929.5	810.6
132.5°	1863.5	1975.6	1863.5	1751.4	1723.4	1536.2	1286.6	1161.8	1089.1	943.7	834.6
135°	1743.6	1840.2	1743.6	1647.0	1622.9	1466.1	1257.1	1152.6	1088.1	959.1	862.4
137.5°	1647.4	1726.5	1647.4	1568.3	1548.6	1416.0	1239.3	1151.0	1094.8	982.4	898.1
140°	1581.4	1655.4	1581.4	1507.5	1489.0	1374.6	1221.9	1145.6	1095.9	996.5	922.0
142.5°	1526.8	1590.4	1526.8	1463.2	1447.3	1346.7	1212.6	1145.6	1099.9	1008.4	939.8
145°	1444.8	1492.9	1444.8	1396.7	1384.6	1302.4	1192.7	1137.8	1099.9	1023.9	966.9
147.5°	1382.0	1421.8	1382.0	1342.0	1332.1	1267.3	1181.0	1137.8	1107.5	1046.6	1001.0
150°	1342.3	1374.6	1342.3	1309.9	1301.9	1247.2	1174.3	1137.8	1111.3	1058.4	1018.7
152.5°	1308.3	1332.7	1308.3	1283.9	1277.9	1231.2	1168.9	1137.8	1113.9	1066.2	1030.4
155°	1269.5	1285.6	1269.5	1253.4	1249.3	1212.1	1162.6	1137.8	1119.6	1083.2	1055.9
157.5°	1238.6	1250.0	1238.6	1227.3	1224.5	1195.6	1157.1	1137.8	1125.3	1100.2	1081.4
160°	1220.3	1226.8	1220.3	1213.7	1212.1	1187.3	1154.4	1137.8	1127.9	1108.0	1093.0
162.5°	1208.2	1214.4	1208.2	1202.1	1200.5	1179.6	1151.8	1137.8	1130.7	1116.2	1105.4
165°	1190.9	1197.4	1190.9	1184.3	1182.8	1167.8	1147.8	1137.8	1134.5	1128.1	1123.2
167.5°	1178.4	1181.2	1178.4	1175.7	1175.0	1165.2	1152.2	1145.6	1142.8	1137.3	1133.2
170°	1175.0	1175.0	1175.0	1175.0	1175.0	1165.2	1152.2	1145.6	1145.4	1145.1	1144.8
172.5°	1165.8	1163.4	1165.8	1168.2	1168.8	1161.0	1150.8	1145.6	1145.6	1145.6	1145.6
175°	1160.3	1160.3	1160.3	1160.3	1160.3	1155.5	1148.9	1145.6	1147.2	1150.3	1152.6
177.5°	1155.4	1152.6	1155.4	1158.0	1158.7	1154.9	1149.7	1147.1	1148.3	1150.8	1152.6
180°	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6



TEST NUMBER: P935487

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-2700K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0
2.5°	1074.1	1068.1	1068.1	1058.1	1054.1	1051.1	1046.0	1031.1	1027.0	1023.0	1029.0
5°	1083.2	1072.1	1064.0	1046.0	1031.1	1025.0	1006.0	969.9	945.8	927.8	917.8
7.5°	1085.1	1071.1	1056.1	1028.0	991.9	975.9	917.8	851.7	833.7	817.6	807.6
10°	1083.2	1067.1	1046.0	1004.0	918.8	890.7	832.7	789.5	778.5	775.5	778.5
12.5°	1076.1	1061.0	1032.1	961.8	842.6	823.6	789.5	764.5	762.4	767.5	794.5
15°	1064.0	1050.1	1016.0	905.8	800.6	786.5	762.4	753.5	764.5	799.6	880.8
17.5°	1052.1	1036.0	993.9	850.7	768.5	758.5	741.4	759.4	821.6	868.7	895.7
20°	1036.0	1017.0	968.9	810.5	745.4	736.4	728.4	809.5	856.7	873.7	888.7
22.5°	1017.0	996.9	934.8	782.6	721.4	714.4	719.4	837.6	856.7	868.7	881.8
25°	991.9	974.9	894.7	760.4	702.4	694.3	713.4	834.6	845.6	848.7	874.7
27.5°	968.9	946.8	852.7	740.4	679.4	676.3	718.4	821.6	829.7	832.7	860.6
30°	940.8	907.8	805.6	719.4	655.3	654.3	719.4	805.6	803.6	811.5	839.6
32.5°	911.7	849.7	752.5	693.3	632.3	631.3	712.4	781.6	779.6	790.5	811.5
35°	884.7	804.6	680.4	663.3	603.2	604.2	695.3	753.5	754.5	764.5	777.5
37.5°	856.7	765.5	601.2	630.3	575.1	575.1	672.3	727.4	725.4	728.4	746.5
40°	823.6	704.4	531.1	587.1	549.1	546.1	644.2	699.4	692.3	691.3	716.4
42.5°	788.5	637.2	479.0	530.1	519.0	515.0	610.1	665.3	652.3	655.3	687.3
45°	750.5	619.2	438.8	447.9	487.9	485.0	573.1	626.2	617.2	625.2	658.3
47.5°	712.4	583.2	425.8	371.7	454.9	453.9	532.1	588.1	583.2	591.1	626.2
50°	660.2	543.0	424.8	318.6	417.8	421.8	483.0	551.1	551.1	558.1	595.2
52.5°	593.1	493.9	385.8	288.5	374.7	386.7	439.8	519.0	521.0	528.1	561.0
55°	532.1	442.8	357.7	265.5	323.6	349.7	397.8	485.9	489.9	497.0	527.0
57.5°	475.9	368.7	351.7	238.4	276.6	301.6	360.8	453.9	455.9	461.9	490.9
60°	415.8	266.5	322.6	209.4	235.5	254.5	326.6	415.8	422.8	426.8	451.9
62.5°	347.7	193.4	292.5	189.3	215.4	219.4	298.6	379.8	388.7	391.7	406.8
65°	247.5	162.3	248.5	172.3	194.4	195.4	268.5	342.6	350.7	355.7	366.7
67.5°	167.3	132.3	189.3	156.3	178.4	179.4	239.4	299.6	310.7	314.6	321.6
70°	116.2	88.1	140.2	139.2	160.4	162.3	208.4	260.6	270.5	273.5	277.6
72.5°	85.2	71.1	116.2	125.2	141.2	143.3	176.4	216.4	226.5	229.5	231.5
75°	65.1	75.1	94.2	109.3	120.2	121.2	144.3	176.4	183.4	185.4	186.4
77.5°	52.1	70.1	69.1	88.1	98.2	96.2	113.2	136.3	142.2	142.2	142.2
80°	39.0	55.1	52.1	63.1	72.1	70.1	81.2	97.2	99.2	101.2	100.2
82.5°	29.1	35.1	35.1	40.0	48.1	46.1	54.1	63.1	63.1	63.1	65.1
85°	18.0	20.0	16.0	21.0	27.1	26.1	30.1	34.1	35.1	35.1	33.1
87.5°	11.1	9.1	5.0	8.0	12.1	12.1	14.0	15.0	14.0	14.0	14.0
90°	20.1	13.9	7.8	13.9	20.1	21.6	34.0	50.5	58.8	52.2	39.1
92.5°	136.2	83.6	31.0	83.6	136.2	149.3	209.9	290.6	331.1	290.1	208.4
95°	266.7	170.5	74.3	170.5	266.7	290.8	516.4	817.3	967.7	863.5	655.2
97.5°	298.2	213.2	128.4	213.2	298.2	319.4	695.6	1197.3	1448.1	1382.2	1250.6
100°	324.2	247.2	170.2	247.2	324.2	343.4	760.8	1317.5	1595.8	1600.6	1610.2
102.5°	349.5	277.6	205.8	277.6	349.5	367.4	790.8	1355.3	1637.5	1721.4	1889.2
105°	387.7	327.0	266.1	327.0	387.7	403.0	812.9	1359.6	1632.9	1821.0	2197.1
107.5°	441.4	384.7	328.0	384.7	441.4	455.6	817.1	1299.1	1540.1	1802.5	2327.1
110°	472.1	420.9	369.7	420.9	472.1	485.0	810.8	1245.4	1462.7	1755.9	2342.5



TEST NUMBER: P935487

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-2700K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	508.4	459.6	410.8	459.6	508.4	520.6	811.1	1198.6	1392.3	1692.4	2292.7
115°	562.7	517.6	472.6	517.6	562.7	574.0	818.7	1144.9	1308.0	1597.2	2175.5
117.5°	615.5	574.7	533.8	574.7	615.5	625.8	833.9	1111.2	1250.0	1510.9	2032.8
120°	646.3	607.9	569.3	607.9	646.3	656.0	846.2	1099.9	1226.8	1465.2	1942.0
122.5°	681.9	643.0	604.2	643.0	681.9	691.5	864.0	1094.0	1209.0	1423.8	1853.2
125°	728.3	692.9	657.5	692.9	728.3	737.1	888.0	1089.1	1189.7	1372.1	1736.8
127.5°	772.3	736.5	700.8	736.5	772.3	781.3	912.0	1086.3	1173.5	1330.1	1643.3
130°	801.0	762.5	724.0	762.5	801.0	810.6	929.5	1087.9	1167.2	1306.7	1585.4
132.5°	825.0	786.5	748.0	786.5	825.0	834.6	943.7	1089.1	1161.8	1286.6	1536.2
135°	853.7	818.6	783.6	818.6	853.7	862.4	959.1	1088.1	1152.6	1257.1	1466.1
137.5°	889.4	854.7	819.9	854.7	889.4	898.1	982.4	1094.8	1151.0	1239.3	1416.0
140°	914.0	882.1	850.1	882.1	914.0	922.0	996.5	1095.9	1145.6	1221.9	1374.6
142.5°	932.5	902.9	873.3	902.9	932.5	939.8	1008.4	1099.9	1145.6	1212.6	1346.7
145°	960.4	934.6	908.8	934.6	960.4	966.9	1023.9	1099.9	1137.8	1192.7	1302.4
147.5°	994.7	969.6	944.5	969.6	994.7	1001.0	1046.6	1107.5	1137.8	1181.0	1267.3
150°	1013.0	990.4	967.7	990.4	1013.0	1018.7	1058.4	1111.3	1137.8	1174.3	1247.2
152.5°	1026.1	1008.8	991.6	1008.8	1026.1	1030.4	1066.2	1113.9	1137.8	1168.9	1231.2
155°	1052.7	1040.0	1027.3	1040.0	1052.7	1055.9	1083.2	1119.6	1137.8	1162.6	1212.1
157.5°	1078.3	1065.9	1053.6	1065.9	1078.3	1081.4	1100.2	1125.3	1137.8	1157.1	1195.6
160°	1090.6	1081.0	1071.3	1081.0	1090.6	1093.0	1108.0	1127.9	1137.8	1154.4	1187.3
162.5°	1103.6	1096.3	1089.1	1096.3	1103.6	1105.4	1116.2	1130.7	1137.8	1151.8	1179.6
165°	1121.6	1115.0	1108.4	1115.0	1121.6	1123.2	1128.1	1134.5	1137.8	1147.8	1167.8
167.5°	1132.5	1129.4	1126.3	1129.4	1132.5	1133.2	1137.3	1142.8	1145.6	1152.2	1165.2
170°	1144.0	1140.9	1137.8	1140.9	1144.0	1144.8	1145.1	1145.4	1145.6	1152.2	1165.2
172.5°	1145.4	1144.7	1144.0	1144.7	1145.4	1145.6	1145.6	1145.6	1145.6	1150.8	1161.0
175°	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1150.3	1147.2	1145.6	1148.9	1155.5
177.5°	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1150.8	1148.3	1147.1	1149.7	1154.9
180°	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6



TEST NUMBER: P935487

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-2700K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0
2.5°	1022.0	1019.0	1023.0	1011.9	1023.0	1019.0	1022.0	1029.0	1023.0	1027.0	1031.1
5°	896.8	891.7	875.7	862.6	875.7	891.7	896.8	917.8	927.8	945.8	969.9
7.5°	801.6	797.6	793.5	785.5	793.5	797.6	801.6	807.6	817.6	833.7	851.7
10°	780.6	781.6	787.5	786.5	787.5	781.6	780.6	778.5	775.5	778.5	789.5
12.5°	834.6	843.6	876.7	874.7	876.7	843.6	834.6	794.5	767.5	762.4	764.5
15°	896.8	899.8	906.8	907.8	906.8	899.8	896.8	880.8	799.6	764.5	753.5
17.5°	902.8	903.8	908.8	908.8	908.8	903.8	902.8	895.7	868.7	821.6	759.4
20°	897.8	899.8	909.7	911.7	909.7	899.8	897.8	888.7	873.7	856.7	809.5
22.5°	895.7	899.8	907.8	906.8	907.8	899.8	895.7	881.8	868.7	856.7	837.6
25°	885.7	885.7	886.7	887.7	886.7	885.7	885.7	874.7	848.7	845.6	834.6
27.5°	864.7	866.7	872.7	871.7	872.7	866.7	864.7	860.6	832.7	829.7	821.6
30°	845.6	843.6	838.6	834.6	838.6	843.6	845.6	839.6	811.5	803.6	805.6
32.5°	813.6	808.6	803.6	800.6	803.6	808.6	813.6	811.5	790.5	779.6	781.6
35°	775.5	776.5	775.5	772.5	775.5	776.5	775.5	777.5	764.5	754.5	753.5
37.5°	748.5	750.5	749.5	745.4	749.5	750.5	748.5	746.5	728.4	725.4	727.4
40°	720.4	721.4	720.4	717.4	720.4	721.4	720.4	716.4	691.3	692.3	699.4
42.5°	693.3	692.3	689.3	687.3	689.3	692.3	693.3	687.3	655.3	652.3	665.3
45°	662.3	663.3	657.3	654.3	657.3	663.3	662.3	658.3	625.2	617.2	626.2
47.5°	631.3	631.3	626.2	623.2	626.2	631.3	631.3	626.2	591.1	583.2	588.1
50°	598.2	597.2	590.1	589.1	590.1	597.2	598.2	595.2	558.1	551.1	551.1
52.5°	560.1	560.1	561.0	563.1	561.0	560.1	560.1	561.0	528.1	521.0	519.0
55°	527.0	528.1	535.1	537.0	535.1	528.1	527.0	527.0	497.0	489.9	485.9
57.5°	492.9	492.9	498.0	498.0	498.0	492.9	492.9	490.9	461.9	455.9	453.9
60°	453.9	455.9	459.9	458.9	459.9	455.9	453.9	451.9	426.8	422.8	415.8
62.5°	412.8	414.8	415.8	413.8	415.8	414.8	412.8	406.8	391.7	388.7	379.8
65°	369.7	371.7	372.7	370.7	372.7	371.7	369.7	366.7	355.7	350.7	342.6
67.5°	325.6	324.6	323.6	327.7	323.6	324.6	325.6	321.6	314.6	310.7	299.6
70°	280.6	280.6	279.6	281.6	279.6	280.6	280.6	277.6	273.5	270.5	260.6
72.5°	232.5	231.5	235.5	232.5	235.5	231.5	232.5	231.5	229.5	226.5	216.4
75°	185.4	187.3	185.4	188.3	185.4	187.3	185.4	186.4	185.4	183.4	176.4
77.5°	141.2	143.3	141.2	141.2	141.2	143.3	141.2	142.2	142.2	142.2	136.3
80°	100.2	99.2	99.2	98.2	99.2	99.2	100.2	100.2	101.2	99.2	97.2
82.5°	64.1	63.1	63.1	65.1	63.1	63.1	64.1	65.1	63.1	63.1	63.1
85°	35.1	36.1	34.1	34.1	34.1	36.1	35.1	33.1	35.1	35.1	34.1
87.5°	13.0	12.1	12.1	12.1	12.1	12.1	13.0	14.0	14.0	14.0	15.0
90°	29.4	29.4	29.4	29.4	29.4	29.4	29.4	39.1	52.2	58.8	50.5
92.5°	147.0	141.1	117.7	94.3	117.7	141.1	147.0	208.4	290.1	331.1	290.6
95°	498.9	481.2	410.4	339.5	410.4	481.2	498.9	655.2	863.5	967.7	817.3
97.5°	1151.8	1118.1	983.4	848.6	983.4	1118.1	1151.8	1250.6	1382.2	1448.1	1197.3
100°	1617.4	1577.3	1416.8	1256.3	1416.8	1577.3	1617.4	1610.2	1600.6	1595.8	1317.5
102.5°	2015.0	1980.6	1843.1	1705.6	1843.1	1980.6	2015.0	1889.2	1721.4	1637.5	1355.3
105°	2479.1	2460.6	2386.7	2312.8	2386.7	2460.6	2479.1	2197.1	1821.0	1632.9	1359.6
107.5°	2720.5	2725.0	2742.8	2760.7	2742.8	2725.0	2720.5	2327.1	1802.5	1540.1	1299.1
110°	2782.4	2801.6	2878.6	2955.6	2878.6	2801.6	2782.4	2342.5	1755.9	1462.7	1245.4



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2742.9	2772.5	2890.7	3009.0	2890.7	2772.5	2742.9	2292.7	1692.4	1392.3	1198.6
115°	2609.1	2650.2	2814.1	2978.0	2814.1	2650.2	2609.1	2175.5	1597.2	1308.0	1144.9
117.5°	2424.3	2469.7	2651.6	2833.4	2651.6	2469.7	2424.3	2032.8	1510.9	1250.0	1111.2
120°	2299.7	2343.9	2520.6	2697.3	2520.6	2343.9	2299.7	1942.0	1465.2	1226.8	1099.9
122.5°	2175.2	2218.7	2393.0	2567.3	2393.0	2218.7	2175.2	1853.2	1423.8	1209.0	1094.0
125°	2010.4	2050.6	2211.1	2371.7	2211.1	2050.6	2010.4	1736.8	1372.1	1189.7	1089.1
127.5°	1878.2	1912.0	2047.5	2182.9	2047.5	1912.0	1878.2	1643.3	1330.1	1173.5	1086.3
130°	1794.6	1825.9	1951.1	2076.2	1951.1	1825.9	1794.6	1585.4	1306.7	1167.2	1087.9
132.5°	1723.4	1751.4	1863.5	1975.6	1863.5	1751.4	1723.4	1536.2	1286.6	1161.8	1089.1
135°	1622.9	1647.0	1743.6	1840.2	1743.6	1647.0	1622.9	1466.1	1257.1	1152.6	1088.1
137.5°	1548.6	1568.3	1647.4	1726.5	1647.4	1568.3	1548.6	1416.0	1239.3	1151.0	1094.8
140°	1489.0	1507.5	1581.4	1655.4	1581.4	1507.5	1489.0	1374.6	1221.9	1145.6	1095.9
142.5°	1447.3	1463.2	1526.8	1590.4	1526.8	1463.2	1447.3	1346.7	1212.6	1145.6	1099.9
145°	1384.6	1396.7	1444.8	1492.9	1444.8	1396.7	1384.6	1302.4	1192.7	1137.8	1099.9
147.5°	1332.1	1342.0	1382.0	1421.8	1382.0	1342.0	1332.1	1267.3	1181.0	1137.8	1107.5
150°	1301.9	1309.9	1342.3	1374.6	1342.3	1309.9	1301.9	1247.2	1174.3	1137.8	1111.3
152.5°	1277.9	1283.9	1308.3	1332.7	1308.3	1283.9	1277.9	1231.2	1168.9	1137.8	1113.9
155°	1249.3	1253.4	1269.5	1285.6	1269.5	1253.4	1249.3	1212.1	1162.6	1137.8	1119.6
157.5°	1224.5	1227.3	1238.6	1250.0	1238.6	1227.3	1224.5	1195.6	1157.1	1137.8	1125.3
160°	1212.1	1213.7	1220.3	1226.8	1220.3	1213.7	1212.1	1187.3	1154.4	1137.8	1127.9
162.5°	1200.5	1202.1	1208.2	1214.4	1208.2	1202.1	1200.5	1179.6	1151.8	1137.8	1130.7
165°	1182.8	1184.3	1190.9	1197.4	1190.9	1184.3	1182.8	1167.8	1147.8	1137.8	1134.5
167.5°	1175.0	1175.7	1178.4	1181.2	1178.4	1175.7	1175.0	1165.2	1152.2	1145.6	1142.8
170°	1175.0	1175.0	1175.0	1175.0	1175.0	1175.0	1175.0	1165.2	1152.2	1145.6	1145.4
172.5°	1168.8	1168.2	1165.8	1163.4	1165.8	1168.2	1168.8	1161.0	1150.8	1145.6	1145.6
175°	1160.3	1160.3	1160.3	1160.3	1160.3	1160.3	1160.3	1155.5	1148.9	1145.6	1147.2
177.5°	1158.7	1158.0	1155.4	1152.6	1155.4	1158.0	1158.7	1154.9	1149.7	1147.1	1148.3
180°	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1059.0	1059.0	1059.0	1059.0	1059.0
2.5°	1046.0	1051.1	1054.1	1058.1	1068.1
5°	1006.0	1025.0	1031.1	1046.0	1064.0
7.5°	917.8	975.9	991.9	1028.0	1056.1
10°	832.7	890.7	918.8	1004.0	1046.0
12.5°	789.5	823.6	842.6	961.8	1032.1
15°	762.4	786.5	800.6	905.8	1016.0
17.5°	741.4	758.5	768.5	850.7	993.9
20°	728.4	736.4	745.4	810.5	968.9
22.5°	719.4	714.4	721.4	782.6	934.8
25°	713.4	694.3	702.4	760.4	894.7
27.5°	718.4	676.3	679.4	740.4	852.7
30°	719.4	654.3	655.3	719.4	805.6
32.5°	712.4	631.3	632.3	693.3	752.5
35°	695.3	604.2	603.2	663.3	680.4
37.5°	672.3	575.1	575.1	630.3	601.2
40°	644.2	546.1	549.1	587.1	531.1
42.5°	610.1	515.0	519.0	530.1	479.0
45°	573.1	485.0	487.9	447.9	438.8
47.5°	532.1	453.9	454.9	371.7	425.8
50°	483.0	421.8	417.8	318.6	424.8
52.5°	439.8	386.7	374.7	288.5	385.8
55°	397.8	349.7	323.6	265.5	357.7
57.5°	360.8	301.6	276.6	238.4	351.7
60°	326.6	254.5	235.5	209.4	322.6
62.5°	298.6	219.4	215.4	189.3	292.5
65°	268.5	195.4	194.4	172.3	248.5
67.5°	239.4	179.4	178.4	156.3	189.3
70°	208.4	162.3	160.4	139.2	140.2
72.5°	176.4	143.3	141.2	125.2	116.2
75°	144.3	121.2	120.2	109.3	94.2
77.5°	113.2	96.2	98.2	88.1	69.1
80°	81.2	70.1	72.1	63.1	52.1
82.5°	54.1	46.1	48.1	40.0	35.1
85°	30.1	26.1	27.1	21.0	16.0
87.5°	14.0	12.1	12.1	8.0	5.0
90°	34.0	21.6	20.1	13.9	7.8
92.5°	209.9	149.3	136.2	83.6	31.0
95°	516.4	290.8	266.7	170.5	74.3
97.5°	695.6	319.4	298.2	213.2	128.4
100°	760.8	343.4	324.2	247.2	170.2
102.5°	790.8	367.4	349.5	277.6	205.8
105°	812.9	403.0	387.7	327.0	266.1
107.5°	817.1	455.6	441.4	384.7	328.0
110°	810.8	485.0	472.1	420.9	369.7



TEST NUMBER: P935487

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-2700K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	811.1	520.6	508.4	459.6	410.8
115°	818.7	574.0	562.7	517.6	472.6
117.5°	833.9	625.8	615.5	574.7	533.8
120°	846.2	656.0	646.3	607.9	569.3
122.5°	864.0	691.5	681.9	643.0	604.2
125°	888.0	737.1	728.3	692.9	657.5
127.5°	912.0	781.3	772.3	736.5	700.8
130°	929.5	810.6	801.0	762.5	724.0
132.5°	943.7	834.6	825.0	786.5	748.0
135°	959.1	862.4	853.7	818.6	783.6
137.5°	982.4	898.1	889.4	854.7	819.9
140°	996.5	922.0	914.0	882.1	850.1
142.5°	1008.4	939.8	932.5	902.9	873.3
145°	1023.9	966.9	960.4	934.6	908.8
147.5°	1046.6	1001.0	994.7	969.6	944.5
150°	1058.4	1018.7	1013.0	990.4	967.7
152.5°	1066.2	1030.4	1026.1	1008.8	991.6
155°	1083.2	1055.9	1052.7	1040.0	1027.3
157.5°	1100.2	1081.4	1078.3	1065.9	1053.6
160°	1108.0	1093.0	1090.6	1081.0	1071.3
162.5°	1116.2	1105.4	1103.6	1096.3	1089.1
165°	1128.1	1123.2	1121.6	1115.0	1108.4
167.5°	1137.3	1133.2	1132.5	1129.4	1126.3
170°	1145.1	1144.8	1144.0	1140.9	1137.8
172.5°	1145.6	1145.6	1145.4	1144.7	1144.0
175°	1150.3	1152.6	1152.6	1152.6	1152.6
177.5°	1150.8	1152.6	1152.6	1152.6	1152.6
180°	1152.6	1152.6	1152.6	1152.6	1152.6



TEST NUMBER: P935487

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-2700K

**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	8.68	9.36	9.81	10.49	12.06	11.50	12.19	12.64	13.31	14.88
	3H	9.14	9.76	10.28	10.89	12.47	12.83	13.45	13.97	14.58	16.16
	4H	9.32	9.91	10.47	11.04	12.63	13.27	13.85	14.42	14.98	16.57
	6H	9.43	9.97	10.59	11.11	12.70	13.54	14.08	14.70	15.21	16.81
	8H	9.43	9.94	10.59	11.09	12.68	13.61	14.12	14.77	15.27	16.86
	12H	9.39	9.88	10.56	11.02	12.64	13.64	14.13	14.81	15.27	16.88
4H	2H	9.69	10.27	10.85	11.40	12.99	11.89	12.47	13.05	13.61	15.19
	3H	10.70	11.18	11.86	12.34	13.94	13.38	13.86	14.54	15.02	16.62
	4H	10.97	11.41	12.13	12.56	14.18	13.90	14.34	15.06	15.49	17.11
	6H	11.08	11.46	12.25	12.63	14.24	14.25	14.63	15.42	15.80	17.41
	8H	11.08	11.44	12.25	12.60	14.23	14.35	14.71	15.52	15.87	17.50
	12H	11.04	11.37	12.23	12.54	14.17	14.40	14.72	15.58	15.90	17.53
8H	4H	11.40	11.76	12.57	12.92	14.55	14.01	14.36	15.18	15.53	17.15
	6H	11.66	11.95	12.85	13.16	14.78	14.43	14.73	15.62	15.93	17.56
	8H	11.70	11.96	12.89	13.14	14.78	14.58	14.84	15.78	16.02	17.67
	12H	11.68	11.90	12.87	13.08	14.76	14.67	14.90	15.87	16.08	17.75
12H	4H	11.40	11.73	12.59	12.90	14.53	13.96	14.29	15.15	15.46	17.09
	6H	11.72	11.97	12.91	13.16	14.80	14.43	14.69	15.63	15.87	17.51
	8H	11.78	12.00	12.97	13.18	14.86	14.58	14.81	15.78	15.99	17.66