

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: P935488

Luminaire Tested: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-3000K

Issue Date: 12/17/2024

**Test Information**

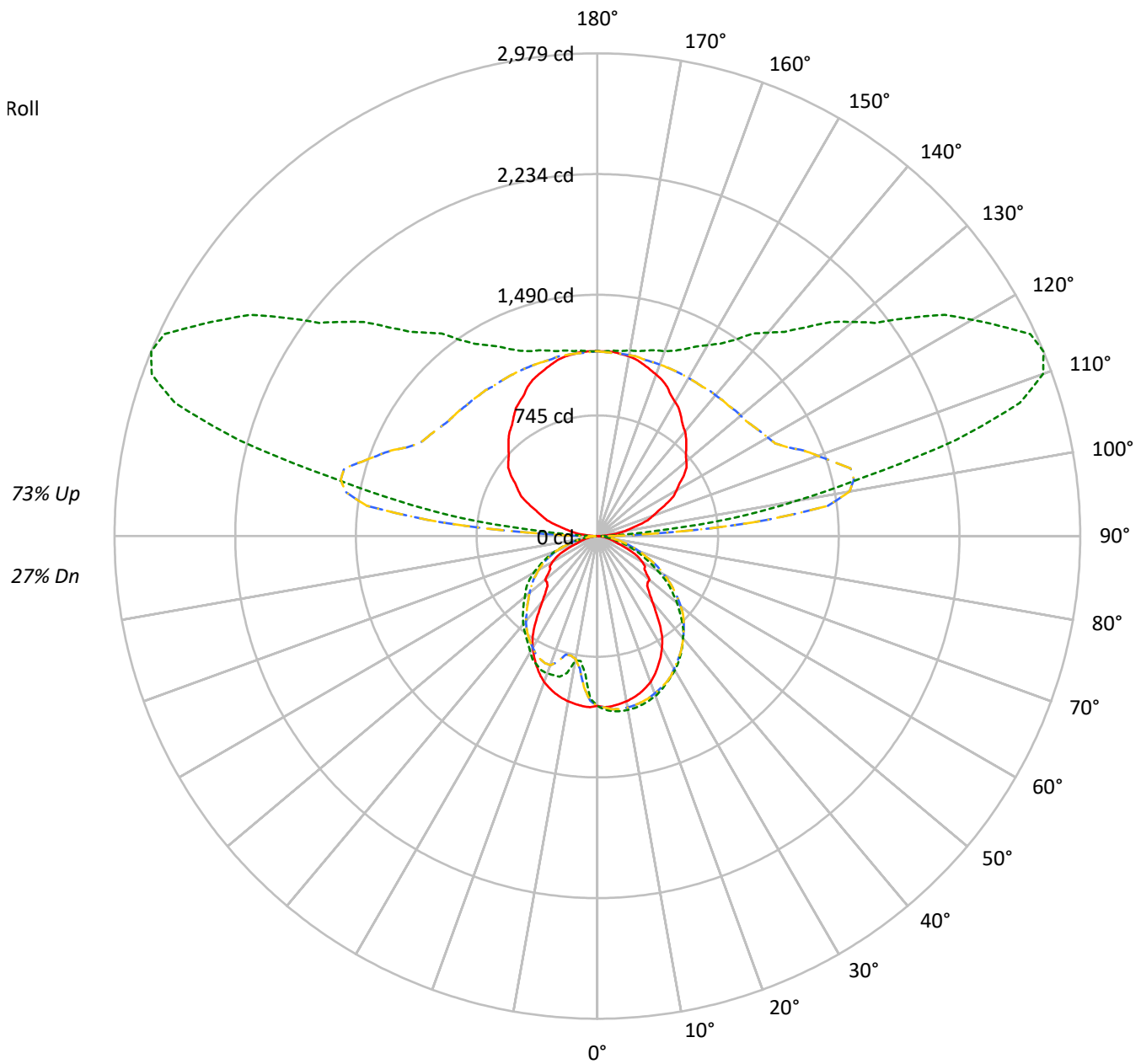
Test Method: LM-79-2019  
Report Number: P935488  
REPORT IS A COMBINATION OF REPORTS P933755 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-3000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10119.3 lumens  
Efficiency: N/A  
Efficacy: 141.7 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°	6486	6486	6486	6486
5°	6531	6547	6531	5148
10°	6486	6449	6486	4611
15°	6413	6309	6413	5268
20°	6277	6144	6277	5279
25°	5999	5903	5999	5167
30°	5642	5702	5642	4922
35°	5028	5449	5028	4652
40°	4187	5150	4187	4448
45°	3738	4800	3738	4214
50°	3968	4384	3968	3978
55°	3730	3936	3730	3842
60°	3841	3342	3841	3519
65°	3477	2763	3477	3088
70°	2401	2201	2401	2589
75°	2099	1627	2099	1949
80°	1679	1075	1679	1172
85°	948	569	948	484

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 5734 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	94.6	0.9
10°-20°	268.7	2.7
20°-30°	415.4	4.1
30°-40°	495.9	4.9
40°-50°	498.8	4.9
50°-60°	434.0	4.3
60°-70°	307.7	3.0
70°-80°	162.8	1.6
80°-90°	44.9	0.4
90°-100°	556.2	5.5
100°-110°	1462.2	14.4
110°-120°	1516.1	15.0
120°-130°	1216.1	12.0
130°-140°	954.2	9.4
140°-150°	732.4	7.2
150°-160°	527.5	5.2
160°-170°	322.7	3.2
170°-180°	109.0	1.1
0°-30°	778.7	7.7
0°-40°	1274.6	12.6
0°-60°	2207.3	21.8
0°-90°	2722.7	26.9
90°-120°	3534.5	34.9
90°-150°	6437.3	63.6
90°-180°	7397.0	73.1
0°-180°	10119.3	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1048	1048	1048	1048	1048	
5°	1053	1086	1053	854	1053	100
15°	1006	1076	1006	899	1006	283
25°	886	1004	886	879	886	407
35°	674	896	674	765	674	417
45°	434	738	434	648	434	348
55°	354	545	354	532	354	325
65°	246	328	246	367	246	235
75°	93	156	93	186	93	98
85°	16	40	16	34	16	21
90°	8	29	8	29	8	7
95°	74	336	74	336	74	82
105°	264	2290	264	2290	264	279
115°	468	2948	468	2948	468	462
125°	651	2348	651	2348	651	578
135°	776	1822	776	1822	776	600
145°	900	1478	900	1478	900	564
155°	1017	1273	1017	1273	1017	467
165°	1097	1185	1097	1185	1097	310
175°	1141	1149	1141	1149	1141	108
180°	1141	1141	1141	1141	1141	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4
2.5°	1057.4	1057.4	1063.3	1065.3	1065.3	1062.3	1059.4	1062.3	1071.3	1074.2	1073.3
5°	1053.3	1061.3	1072.3	1074.2	1076.2	1075.2	1073.3	1075.2	1085.1	1087.2	1088.1
7.5°	1045.5	1060.3	1074.2	1077.2	1080.2	1077.2	1076.2	1078.2	1088.1	1090.1	1090.1
10°	1035.5	1056.4	1072.3	1074.2	1077.2	1074.2	1074.2	1078.2	1088.1	1090.1	1091.1
12.5°	1021.7	1050.4	1065.3	1067.2	1071.3	1070.3	1069.2	1073.3	1083.1	1085.1	1085.1
15°	1005.8	1039.5	1053.3	1055.4	1062.3	1060.3	1060.3	1064.3	1075.2	1078.2	1077.2
17.5°	983.9	1025.6	1041.5	1044.5	1049.4	1048.4	1049.4	1053.3	1063.3	1065.3	1066.3
20°	959.2	1006.8	1025.6	1028.6	1033.5	1033.5	1033.5	1038.6	1048.4	1052.4	1052.4
22.5°	925.5	986.9	1006.8	1008.8	1014.7	1014.7	1016.7	1023.7	1032.5	1033.5	1033.5
25°	885.7	965.1	982.0	988.0	993.9	996.8	999.8	1003.8	1006.8	1005.8	1006.8
27.5°	844.1	937.3	959.2	963.1	971.1	974.1	978.0	979.0	980.0	982.9	981.0
30°	797.5	898.6	931.4	935.3	948.2	950.2	946.3	948.2	953.2	955.2	957.2
32.5°	744.9	841.2	902.6	911.6	923.5	917.5	916.5	919.4	927.4	927.4	929.4
35°	673.5	796.5	875.9	883.8	892.7	885.7	889.8	890.8	895.7	898.6	897.7
37.5°	595.1	757.8	848.1	854.0	861.0	852.0	858.0	861.0	864.9	862.9	862.9
40°	525.7	697.3	815.3	819.3	825.3	818.3	824.3	826.3	828.2	826.3	825.3
42.5°	474.2	630.8	780.6	785.5	781.6	786.5	788.6	792.5	789.6	785.5	785.5
45°	434.4	613.0	743.0	748.9	743.0	750.8	753.8	753.8	744.9	743.0	742.0
47.5°	421.5	577.3	705.3	705.3	702.2	712.2	717.1	710.2	701.2	698.3	698.3
50°	420.5	537.6	653.6	649.7	663.6	675.5	670.5	663.6	656.7	645.7	645.7
52.5°	381.9	489.0	587.2	602.1	623.9	630.8	623.0	616.0	604.0	599.1	595.1
55°	354.1	438.4	526.7	556.5	579.3	588.1	573.4	566.4	548.5	545.6	543.6
57.5°	348.2	365.0	471.1	508.9	536.6	535.6	526.7	513.8	498.9	496.0	495.0
60°	319.4	263.9	411.7	456.3	485.0	482.1	474.2	462.2	448.3	446.4	444.4
62.5°	289.6	191.5	344.2	394.8	435.4	434.4	427.5	409.7	399.7	394.8	390.9
65°	246.0	160.7	245.0	328.3	386.8	388.8	374.0	361.1	350.1	344.2	343.2
67.5°	187.4	130.9	165.6	273.8	340.3	338.2	319.4	313.4	299.5	296.6	290.7
70°	138.8	87.3	115.1	222.1	294.6	289.6	274.8	267.8	254.9	248.0	244.0
72.5°	115.1	70.4	84.3	172.6	248.0	242.1	229.1	221.2	210.3	204.3	200.4
75°	93.3	74.3	64.5	128.0	201.3	197.4	185.5	177.6	168.6	160.7	161.7
77.5°	68.4	69.4	51.6	94.3	159.7	153.7	146.8	136.9	132.9	125.0	125.0
80°	51.6	54.5	38.7	64.5	115.1	115.1	109.2	102.1	95.2	91.3	91.3
82.5°	34.7	34.7	28.8	40.6	78.4	75.4	71.4	69.4	65.5	63.5	63.5
85°	15.9	19.8	17.8	24.7	42.7	44.7	44.7	42.7	41.7	39.6	40.6
87.5°	4.9	9.0	10.9	13.9	21.8	22.8	23.8	23.8	23.8	24.7	24.7
90°	7.7	13.8	19.9	21.4	33.6	50.0	58.2	51.7	38.7	29.1	29.1
92.5°	30.7	82.7	134.8	147.8	207.8	287.7	327.7	287.2	206.3	145.5	139.7
95°	73.6	168.8	264.1	287.9	511.2	809.1	958.0	854.9	648.6	493.9	476.3
97.5°	127.1	211.1	295.2	316.2	688.6	1185.3	1433.5	1368.4	1238.0	1140.2	1106.9
100°	168.5	244.7	320.9	340.0	753.2	1304.3	1579.8	1584.5	1594.1	1601.2	1561.4
102.5°	203.7	274.8	346.0	363.7	782.9	1341.7	1621.1	1704.1	1870.2	1994.8	1960.8
105°	263.5	323.7	383.8	398.9	804.8	1346.0	1616.5	1802.7	2175.0	2454.3	2435.9
107.5°	324.7	380.8	437.0	451.0	808.9	1286.0	1524.7	1784.4	2303.7	2693.2	2697.6
110°	366.0	416.7	467.4	480.1	802.7	1232.9	1448.0	1738.3	2319.0	2754.5	2773.5



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	406.6	454.9	503.3	515.4	803.0	1186.6	1378.3	1675.4	2269.7	2715.3	2744.6
115°	467.9	512.4	557.1	568.2	810.5	1133.4	1294.9	1581.1	2153.6	2582.9	2623.5
117.5°	528.4	568.9	609.3	619.5	825.5	1100.1	1237.4	1495.8	2012.4	2399.9	2444.9
120°	563.6	601.8	639.8	649.4	837.7	1088.8	1214.5	1450.5	1922.5	2276.6	2320.4
122.5°	598.1	636.6	675.0	684.6	855.4	1083.0	1196.9	1409.5	1834.6	2153.3	2196.4
125°	650.9	686.0	721.0	729.7	879.1	1078.2	1177.8	1358.3	1719.4	1990.2	2030.0
127.5°	693.7	729.1	764.5	773.4	902.9	1075.4	1161.7	1316.7	1626.8	1859.3	1892.8
130°	716.7	754.9	792.9	802.5	920.1	1077.0	1155.5	1293.5	1569.5	1776.6	1807.5
132.5°	740.5	778.6	816.7	826.3	934.2	1078.2	1150.2	1273.7	1520.8	1706.1	1733.8
135°	775.7	810.4	845.1	853.8	949.5	1077.2	1141.0	1244.4	1451.4	1606.6	1630.4
137.5°	811.7	846.1	880.5	889.1	972.5	1083.8	1139.4	1226.9	1401.8	1533.0	1552.6
140°	841.6	873.2	904.9	912.7	986.5	1084.9	1134.1	1209.6	1360.8	1474.1	1492.4
142.5°	864.5	893.8	923.1	930.4	998.3	1088.8	1134.1	1200.5	1333.2	1432.8	1448.5
145°	899.7	925.3	950.8	957.2	1013.6	1088.8	1126.4	1180.7	1289.3	1370.7	1382.7
147.5°	935.0	959.9	984.7	990.9	1036.1	1096.3	1126.4	1169.1	1254.6	1318.7	1328.5
150°	958.0	980.5	1002.9	1008.5	1047.8	1100.2	1126.4	1162.5	1234.7	1288.8	1296.8
152.5°	981.7	998.7	1015.8	1020.0	1055.5	1102.7	1126.4	1157.2	1218.8	1265.0	1271.1
155°	1017.0	1029.6	1042.1	1045.3	1072.3	1108.4	1126.4	1151.0	1200.0	1236.7	1240.8
157.5°	1043.0	1055.2	1067.4	1070.5	1089.1	1114.0	1126.4	1145.4	1183.6	1212.2	1214.9
160°	1060.5	1070.1	1079.7	1082.0	1096.8	1116.5	1126.4	1142.8	1175.4	1200.0	1201.5
162.5°	1078.2	1085.3	1092.5	1094.3	1105.0	1119.3	1126.4	1140.2	1167.7	1188.4	1190.0
165°	1097.3	1103.8	1110.3	1111.9	1116.7	1123.2	1126.4	1136.3	1156.1	1170.9	1172.5
167.5°	1115.0	1118.0	1121.1	1121.9	1125.9	1131.3	1134.1	1140.6	1153.5	1163.2	1163.9
170°	1126.4	1129.5	1132.5	1133.3	1133.6	1133.9	1134.1	1140.6	1153.5	1163.2	1163.2
172.5°	1132.5	1133.2	1133.9	1134.1	1134.1	1134.1	1134.1	1139.2	1149.4	1157.1	1156.5
175°	1141.0	1141.0	1141.0	1141.0	1138.7	1135.7	1134.1	1137.4	1143.9	1148.7	1148.7
177.5°	1141.0	1141.0	1141.0	1141.0	1139.2	1136.8	1135.6	1138.1	1143.3	1147.1	1146.4
180°	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4
2.5°	1075.2	1072.3	1075.2	1073.3	1074.2	1071.3	1062.3	1059.4	1062.3	1065.3	1065.3
5°	1088.1	1086.1	1088.1	1088.1	1087.2	1085.1	1075.2	1073.3	1075.2	1076.2	1074.2
7.5°	1092.1	1089.1	1092.1	1090.1	1090.1	1088.1	1078.2	1076.2	1077.2	1080.2	1077.2
10°	1092.1	1089.1	1092.1	1091.1	1090.1	1088.1	1078.2	1074.2	1074.2	1077.2	1074.2
12.5°	1087.2	1085.1	1087.2	1085.1	1085.1	1083.1	1073.3	1069.2	1070.3	1071.3	1067.2
15°	1079.2	1076.2	1079.2	1077.2	1078.2	1075.2	1064.3	1060.3	1060.3	1062.3	1055.4
17.5°	1067.2	1063.3	1067.2	1066.3	1065.3	1063.3	1053.3	1049.4	1048.4	1049.4	1044.5
20°	1053.3	1050.4	1053.3	1052.4	1052.4	1048.4	1038.6	1033.5	1033.5	1033.5	1028.6
22.5°	1031.6	1028.6	1031.6	1033.5	1033.5	1032.5	1023.7	1016.7	1014.7	1014.7	1008.8
25°	1006.8	1003.8	1006.8	1006.8	1005.8	1006.8	1003.8	999.8	996.8	993.9	988.0
27.5°	982.9	981.0	982.9	981.0	982.9	980.0	979.0	978.0	974.1	971.1	963.1
30°	959.2	957.2	959.2	957.2	955.2	953.2	948.2	946.3	950.2	948.2	935.3
32.5°	929.4	927.4	929.4	929.4	927.4	927.4	919.4	916.5	917.5	923.5	911.6
35°	898.6	895.7	898.6	897.7	898.6	895.7	890.8	889.8	885.7	892.7	883.8
37.5°	862.9	860.0	862.9	862.9	862.9	864.9	861.0	858.0	852.0	861.0	854.0
40°	826.3	822.3	826.3	825.3	826.3	828.2	826.3	824.3	818.3	825.3	819.3
42.5°	784.6	783.6	784.6	785.5	785.5	789.6	792.5	788.6	786.5	781.6	785.5
45°	740.0	737.9	740.0	742.0	743.0	744.9	753.8	753.8	750.8	743.0	748.9
47.5°	692.4	687.3	692.4	698.3	698.3	701.2	710.2	717.1	712.2	702.2	705.3
50°	641.8	642.8	641.8	645.7	645.7	656.7	663.6	670.5	675.5	663.6	649.7
52.5°	592.2	591.2	592.2	595.1	599.1	604.0	616.0	623.0	630.8	623.9	602.1
55°	542.6	544.6	542.6	543.6	545.6	548.5	566.4	573.4	588.1	579.3	556.5
57.5°	493.0	490.0	493.0	495.0	496.0	498.9	513.8	526.7	535.6	536.6	508.9
60°	435.4	431.5	435.4	444.4	446.4	448.3	462.2	474.2	482.1	485.0	456.3
62.5°	384.8	377.9	384.8	390.9	394.8	399.7	409.7	427.5	434.4	435.4	394.8
65°	331.3	328.3	331.3	343.2	344.2	350.1	361.1	374.0	388.8	386.8	328.3
67.5°	282.7	282.7	282.7	290.7	296.6	299.5	313.4	319.4	338.2	340.3	273.8
70°	238.0	237.0	238.0	244.0	248.0	254.9	267.8	274.8	289.6	294.6	222.1
72.5°	195.4	194.4	195.4	200.4	204.3	210.3	221.2	229.1	242.1	248.0	172.6
75°	157.8	155.7	157.8	161.7	160.7	168.6	177.6	185.5	197.4	201.3	128.0
77.5°	121.0	121.0	121.0	125.0	125.0	132.9	136.9	146.8	153.7	159.7	94.3
80°	90.2	89.2	90.2	91.3	91.3	95.2	102.1	109.2	115.1	115.1	64.5
82.5°	63.5	61.5	63.5	63.5	63.5	65.5	69.4	71.4	75.4	78.4	40.6
85°	39.6	39.6	39.6	40.6	39.6	41.7	42.7	44.7	44.7	42.7	24.7
87.5°	25.8	24.7	25.8	24.7	24.7	23.8	23.8	23.8	22.8	21.8	13.9
90°	29.1	29.1	29.1	29.1	29.1	38.7	51.7	58.2	50.0	33.6	21.4
92.5°	116.5	93.4	116.5	139.7	145.5	206.3	287.2	327.7	287.7	207.8	147.8
95°	406.2	336.1	406.2	476.3	493.9	648.6	854.9	958.0	809.1	511.2	287.9
97.5°	973.5	840.1	973.5	1106.9	1140.2	1238.0	1368.4	1433.5	1185.3	688.6	316.2
100°	1402.6	1243.6	1402.6	1561.4	1601.2	1594.1	1584.5	1579.8	1304.3	753.2	340.0
102.5°	1824.6	1688.5	1824.6	1960.8	1994.8	1870.2	1704.1	1621.1	1341.7	782.9	363.7
105°	2362.8	2289.6	2362.8	2435.9	2454.3	2175.0	1802.7	1616.5	1346.0	804.8	398.9
107.5°	2715.2	2733.0	2715.2	2697.6	2693.2	2303.7	1784.4	1524.7	1286.0	808.9	451.0
110°	2849.7	2926.0	2849.7	2773.5	2754.5	2319.0	1738.3	1448.0	1232.9	802.7	480.1





TEST NUMBER: P935488

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2861.7	2978.8	2861.7	2744.6	2715.3	2269.7	1675.4	1378.3	1186.6	803.0	515.4
115°	2785.8	2948.1	2785.8	2623.5	2582.9	2153.6	1581.1	1294.9	1133.4	810.5	568.2
117.5°	2624.9	2805.0	2624.9	2444.9	2399.9	2012.4	1495.8	1237.4	1100.1	825.5	619.5
120°	2495.3	2670.2	2495.3	2320.4	2276.6	1922.5	1450.5	1214.5	1088.8	837.7	649.4
122.5°	2369.0	2541.5	2369.0	2196.4	2153.3	1834.6	1409.5	1196.9	1083.0	855.4	684.6
125°	2188.9	2347.9	2188.9	2030.0	1990.2	1719.4	1358.3	1177.8	1078.2	879.1	729.7
127.5°	2026.9	2161.0	2026.9	1892.8	1859.3	1626.8	1316.7	1161.7	1075.4	902.9	773.4
130°	1931.5	2055.3	1931.5	1807.5	1776.6	1569.5	1293.5	1155.5	1077.0	920.1	802.5
132.5°	1844.8	1955.7	1844.8	1733.8	1706.1	1520.8	1273.7	1150.2	1078.2	934.2	826.3
135°	1726.1	1821.7	1726.1	1630.4	1606.6	1451.4	1244.4	1141.0	1077.2	949.5	853.8
137.5°	1630.8	1709.1	1630.8	1552.6	1533.0	1401.8	1226.9	1139.4	1083.8	972.5	889.1
140°	1565.6	1638.7	1565.6	1492.4	1474.1	1360.8	1209.6	1134.1	1084.9	986.5	912.7
142.5°	1511.4	1574.4	1511.4	1448.5	1432.8	1333.2	1200.5	1134.1	1088.8	998.3	930.4
145°	1430.3	1477.9	1430.3	1382.7	1370.7	1289.3	1180.7	1126.4	1088.8	1013.6	957.2
147.5°	1368.1	1407.5	1368.1	1328.5	1318.7	1254.6	1169.1	1126.4	1096.3	1036.1	990.9
150°	1328.8	1360.8	1328.8	1296.8	1288.8	1234.7	1162.5	1126.4	1100.2	1047.8	1008.5
152.5°	1295.2	1319.4	1295.2	1271.1	1265.0	1218.8	1157.2	1126.4	1102.7	1055.5	1020.0
155°	1256.8	1272.7	1256.8	1240.8	1236.7	1200.0	1151.0	1126.4	1108.4	1072.3	1045.3
157.5°	1226.2	1237.4	1226.2	1214.9	1212.2	1183.6	1145.4	1126.4	1114.0	1089.1	1070.5
160°	1208.0	1214.5	1208.0	1201.5	1200.0	1175.4	1142.8	1126.4	1116.5	1096.8	1082.0
162.5°	1196.1	1202.2	1196.1	1190.0	1188.4	1167.7	1140.2	1126.4	1119.3	1105.0	1094.3
165°	1179.0	1185.4	1179.0	1172.5	1170.9	1156.1	1136.3	1126.4	1123.2	1116.7	1111.9
167.5°	1166.5	1169.3	1166.5	1163.9	1163.2	1153.5	1140.6	1134.1	1131.3	1125.9	1121.9
170°	1163.2	1163.2	1163.2	1163.2	1163.2	1153.5	1140.6	1134.1	1133.9	1133.6	1133.3
172.5°	1154.1	1151.7	1154.1	1156.5	1157.1	1149.4	1139.2	1134.1	1134.1	1134.1	1134.1
175°	1148.7	1148.7	1148.7	1148.7	1148.7	1143.9	1137.4	1134.1	1135.7	1138.7	1141.0
177.5°	1143.8	1141.0	1143.8	1146.4	1147.1	1143.3	1138.1	1135.6	1136.8	1139.2	1141.0
180°	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0



TEST NUMBER: P935488

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4
2.5°	1063.3	1057.4	1057.4	1047.4	1043.5	1040.5	1035.5	1020.7	1016.7	1012.7	1018.6
5°	1072.3	1061.3	1053.3	1035.5	1020.7	1014.7	995.9	960.2	936.3	918.5	908.6
7.5°	1074.2	1060.3	1045.5	1017.7	982.0	966.1	908.6	843.1	825.3	809.4	799.4
10°	1072.3	1056.4	1035.5	993.9	909.6	881.8	824.3	781.6	770.7	767.7	770.7
12.5°	1065.3	1050.4	1021.7	952.2	834.2	815.3	781.6	756.9	754.8	759.8	786.5
15°	1053.3	1039.5	1005.8	896.7	792.5	778.6	754.8	745.9	756.9	791.6	871.9
17.5°	1041.5	1025.6	983.9	842.1	760.8	750.8	734.0	751.8	813.4	860.0	886.7
20°	1025.6	1006.8	959.2	802.4	737.9	729.0	721.1	801.4	848.1	864.9	879.8
22.5°	1006.8	986.9	925.5	774.7	714.2	707.3	712.2	829.2	848.1	860.0	872.9
25°	982.0	965.1	885.7	752.8	695.3	687.3	706.3	826.3	837.1	840.2	865.9
27.5°	959.2	937.3	844.1	733.0	672.6	669.5	711.2	813.4	821.3	824.3	852.0
30°	931.4	898.6	797.5	712.2	648.7	647.7	712.2	797.5	795.5	803.4	831.2
32.5°	902.6	841.2	744.9	686.4	625.9	624.9	705.3	773.7	771.7	782.6	803.4
35°	875.9	796.5	673.5	656.7	597.1	598.1	688.3	745.9	746.9	756.9	769.7
37.5°	848.1	757.8	595.1	623.9	569.3	569.3	665.6	720.1	718.1	721.1	739.0
40°	815.3	697.3	525.7	581.2	543.6	540.6	637.7	692.4	685.4	684.4	709.2
42.5°	780.6	630.8	474.2	524.7	513.8	509.9	604.0	658.6	645.7	648.7	680.4
45°	743.0	613.0	434.4	443.4	483.0	480.1	567.3	619.9	611.0	618.9	651.6
47.5°	705.3	577.3	421.5	368.0	450.3	449.3	526.7	582.2	577.3	585.2	619.9
50°	653.6	537.6	420.5	315.4	413.6	417.6	478.1	545.6	545.6	552.5	589.2
52.5°	587.2	489.0	381.9	285.6	370.9	382.9	435.4	513.8	515.8	522.8	555.4
55°	526.7	438.4	354.1	262.9	320.4	346.2	393.8	481.1	485.0	492.0	521.7
57.5°	471.1	365.0	348.2	236.0	273.8	298.6	357.1	449.3	451.3	457.3	486.0
60°	411.7	263.9	319.4	207.3	233.1	251.9	323.3	411.7	418.6	422.5	447.3
62.5°	344.2	191.5	289.6	187.4	213.3	217.2	295.6	376.0	384.8	387.8	402.7
65°	245.0	160.7	246.0	170.6	192.5	193.5	265.8	339.2	347.2	352.1	363.0
67.5°	165.6	130.9	187.4	154.7	176.6	177.6	237.0	296.6	307.5	311.5	318.4
70°	115.1	87.3	138.8	137.8	158.7	160.7	206.3	257.9	267.8	270.8	274.8
72.5°	84.3	70.4	115.1	123.9	139.8	141.9	174.6	214.3	224.2	227.2	229.1
75°	64.5	74.3	93.3	108.2	119.0	120.0	142.9	174.6	181.5	183.5	184.5
77.5°	51.6	69.4	68.4	87.3	97.2	95.2	112.1	134.9	140.8	140.8	140.8
80°	38.7	54.5	51.6	62.5	71.4	69.4	80.4	96.2	98.2	100.2	99.2
82.5°	28.8	34.7	34.7	39.6	47.6	45.7	53.5	62.5	62.5	62.5	64.5
85°	17.8	19.8	15.9	20.8	26.8	25.8	29.8	33.7	34.7	34.7	32.7
87.5°	10.9	9.0	4.9	7.9	11.9	11.9	13.9	14.9	13.9	13.9	13.9
90°	19.9	13.8	7.7	13.8	19.9	21.4	33.6	50.0	58.2	51.7	38.7
92.5°	134.8	82.7	30.7	82.7	134.8	147.8	207.8	287.7	327.7	287.2	206.3
95°	264.1	168.8	73.6	168.8	264.1	287.9	511.2	809.1	958.0	854.9	648.6
97.5°	295.2	211.1	127.1	211.1	295.2	316.2	688.6	1185.3	1433.5	1368.4	1238.0
100°	320.9	244.7	168.5	244.7	320.9	340.0	753.2	1304.3	1579.8	1584.5	1594.1
102.5°	346.0	274.8	203.7	274.8	346.0	363.7	782.9	1341.7	1621.1	1704.1	1870.2
105°	383.8	323.7	263.5	323.7	383.8	398.9	804.8	1346.0	1616.5	1802.7	2175.0
107.5°	437.0	380.8	324.7	380.8	437.0	451.0	808.9	1286.0	1524.7	1784.4	2303.7
110°	467.4	416.7	366.0	416.7	467.4	480.1	802.7	1232.9	1448.0	1738.3	2319.0



TEST NUMBER: P935488

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	503.3	454.9	406.6	454.9	503.3	515.4	803.0	1186.6	1378.3	1675.4	2269.7
115°	557.1	512.4	467.9	512.4	557.1	568.2	810.5	1133.4	1294.9	1581.1	2153.6
117.5°	609.3	568.9	528.4	568.9	609.3	619.5	825.5	1100.1	1237.4	1495.8	2012.4
120°	639.8	601.8	563.6	601.8	639.8	649.4	837.7	1088.8	1214.5	1450.5	1922.5
122.5°	675.0	636.6	598.1	636.6	675.0	684.6	855.4	1083.0	1196.9	1409.5	1834.6
125°	721.0	686.0	650.9	686.0	721.0	729.7	879.1	1078.2	1177.8	1358.3	1719.4
127.5°	764.5	729.1	693.7	729.1	764.5	773.4	902.9	1075.4	1161.7	1316.7	1626.8
130°	792.9	754.9	716.7	754.9	792.9	802.5	920.1	1077.0	1155.5	1293.5	1569.5
132.5°	816.7	778.6	740.5	778.6	816.7	826.3	934.2	1078.2	1150.2	1273.7	1520.8
135°	845.1	810.4	775.7	810.4	845.1	853.8	949.5	1077.2	1141.0	1244.4	1451.4
137.5°	880.5	846.1	811.7	846.1	880.5	889.1	972.5	1083.8	1139.4	1226.9	1401.8
140°	904.9	873.2	841.6	873.2	904.9	912.7	986.5	1084.9	1134.1	1209.6	1360.8
142.5°	923.1	893.8	864.5	893.8	923.1	930.4	998.3	1088.8	1134.1	1200.5	1333.2
145°	950.8	925.3	899.7	925.3	950.8	957.2	1013.6	1088.8	1126.4	1180.7	1289.3
147.5°	984.7	959.9	935.0	959.9	984.7	990.9	1036.1	1096.3	1126.4	1169.1	1254.6
150°	1002.9	980.5	958.0	980.5	1002.9	1008.5	1047.8	1100.2	1126.4	1162.5	1234.7
152.5°	1015.8	998.7	981.7	998.7	1015.8	1020.0	1055.5	1102.7	1126.4	1157.2	1218.8
155°	1042.1	1029.6	1017.0	1029.6	1042.1	1045.3	1072.3	1108.4	1126.4	1151.0	1200.0
157.5°	1067.4	1055.2	1043.0	1055.2	1067.4	1070.5	1089.1	1114.0	1126.4	1145.4	1183.6
160°	1079.7	1070.1	1060.5	1070.1	1079.7	1082.0	1096.8	1116.5	1126.4	1142.8	1175.4
162.5°	1092.5	1085.3	1078.2	1085.3	1092.5	1094.3	1105.0	1119.3	1126.4	1140.2	1167.7
165°	1110.3	1103.8	1097.3	1103.8	1110.3	1111.9	1116.7	1123.2	1126.4	1136.3	1156.1
167.5°	1121.1	1118.0	1115.0	1118.0	1121.1	1121.9	1125.9	1131.3	1134.1	1140.6	1153.5
170°	1132.5	1129.5	1126.4	1129.5	1132.5	1133.3	1133.6	1133.9	1134.1	1140.6	1153.5
172.5°	1133.9	1133.2	1132.5	1133.2	1133.9	1134.1	1134.1	1134.1	1134.1	1139.2	1149.4
175°	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1138.7	1135.7	1134.1	1137.4	1143.9
177.5°	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1139.2	1136.8	1135.6	1138.1	1143.3
180°	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0



TEST NUMBER: P935488

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4
2.5°	1011.7	1008.8	1012.7	1001.8	1012.7	1008.8	1011.7	1018.6	1012.7	1016.7	1020.7
5°	887.8	882.8	866.9	854.0	866.9	882.8	887.8	908.6	918.5	936.3	960.2
7.5°	793.5	789.6	785.5	777.7	785.5	789.6	793.5	799.4	809.4	825.3	843.1
10°	772.7	773.7	779.6	778.6	779.6	773.7	772.7	770.7	767.7	770.7	781.6
12.5°	826.3	835.1	867.9	865.9	867.9	835.1	826.3	786.5	759.8	754.8	756.9
15°	887.8	890.8	897.7	898.6	897.7	890.8	887.8	871.9	791.6	756.9	745.9
17.5°	893.7	894.7	899.6	899.6	899.6	894.7	893.7	886.7	860.0	813.4	751.8
20°	888.8	890.8	900.6	902.6	900.6	890.8	888.8	879.8	864.9	848.1	801.4
22.5°	886.7	890.8	898.6	897.7	898.6	890.8	886.7	872.9	860.0	848.1	829.2
25°	876.8	876.8	877.8	878.8	877.8	876.8	876.8	865.9	840.2	837.1	826.3
27.5°	856.0	858.0	863.9	862.9	863.9	858.0	856.0	852.0	824.3	821.3	813.4
30°	837.1	835.1	830.2	826.3	830.2	835.1	837.1	831.2	803.4	795.5	797.5
32.5°	805.5	800.4	795.5	792.5	795.5	800.4	805.5	803.4	782.6	771.7	773.7
35°	767.7	768.7	767.7	764.7	767.7	768.7	767.7	769.7	756.9	746.9	745.9
37.5°	741.0	743.0	742.0	737.9	742.0	743.0	741.0	739.0	721.1	718.1	720.1
40°	713.2	714.2	713.2	710.2	713.2	714.2	713.2	709.2	684.4	685.4	692.4
42.5°	686.4	685.4	682.4	680.4	682.4	685.4	686.4	680.4	648.7	645.7	658.6
45°	655.7	656.7	650.7	647.7	650.7	656.7	655.7	651.6	618.9	611.0	619.9
47.5°	624.9	624.9	619.9	616.9	619.9	624.9	624.9	619.9	585.2	577.3	582.2
50°	592.2	591.2	584.2	583.2	584.2	591.2	592.2	589.2	552.5	545.6	545.6
52.5°	554.4	554.4	555.4	557.5	555.4	554.4	554.4	555.4	522.8	515.8	513.8
55°	521.7	522.8	529.7	531.7	529.7	522.8	521.7	521.7	492.0	485.0	481.1
57.5°	488.0	488.0	493.0	493.0	493.0	488.0	488.0	486.0	457.3	451.3	449.3
60°	449.3	451.3	455.2	454.3	455.2	451.3	449.3	447.3	422.5	418.6	411.7
62.5°	408.7	410.7	411.7	409.7	411.7	410.7	408.7	402.7	387.8	384.8	376.0
65°	366.0	368.0	369.0	367.0	369.0	368.0	366.0	363.0	352.1	347.2	339.2
67.5°	322.3	321.3	320.4	324.4	320.4	321.3	322.3	318.4	311.5	307.5	296.6
70°	277.8	277.8	276.8	278.7	276.8	277.8	277.8	274.8	270.8	267.8	257.9
72.5°	230.1	229.1	233.1	230.1	233.1	229.1	230.1	229.1	227.2	224.2	214.3
75°	183.5	185.5	183.5	186.5	183.5	185.5	183.5	184.5	183.5	181.5	174.6
77.5°	139.8	141.9	139.8	139.8	139.8	141.9	139.8	140.8	140.8	140.8	134.9
80°	99.2	98.2	98.2	97.2	98.2	98.2	99.2	99.2	100.2	98.2	96.2
82.5°	63.5	62.5	62.5	64.5	62.5	62.5	63.5	64.5	62.5	62.5	62.5
85°	34.7	35.7	33.7	33.7	33.7	35.7	34.7	32.7	34.7	34.7	33.7
87.5°	12.9	11.9	11.9	11.9	11.9	11.9	12.9	13.9	13.9	13.9	14.9
90°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	38.7	51.7	58.2	50.0
92.5°	145.5	139.7	116.5	93.4	116.5	139.7	145.5	206.3	287.2	327.7	287.7
95°	493.9	476.3	406.2	336.1	406.2	476.3	493.9	648.6	854.9	958.0	809.1
97.5°	1140.2	1106.9	973.5	840.1	973.5	1106.9	1140.2	1238.0	1368.4	1433.5	1185.3
100°	1601.2	1561.4	1402.6	1243.6	1402.6	1561.4	1601.2	1594.1	1584.5	1579.8	1304.3
102.5°	1994.8	1960.8	1824.6	1688.5	1824.6	1960.8	1994.8	1870.2	1704.1	1621.1	1341.7
105°	2454.3	2435.9	2362.8	2289.6	2362.8	2435.9	2454.3	2175.0	1802.7	1616.5	1346.0
107.5°	2693.2	2697.6	2715.2	2733.0	2715.2	2697.6	2693.2	2303.7	1784.4	1524.7	1286.0
110°	2754.5	2773.5	2849.7	2926.0	2849.7	2773.5	2754.5	2319.0	1738.3	1448.0	1232.9



TEST NUMBER: P935488

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2715.3	2744.6	2861.7	2978.8	2861.7	2744.6	2715.3	2269.7	1675.4	1378.3	1186.6
115°	2582.9	2623.5	2785.8	2948.1	2785.8	2623.5	2582.9	2153.6	1581.1	1294.9	1133.4
117.5°	2399.9	2444.9	2624.9	2805.0	2624.9	2444.9	2399.9	2012.4	1495.8	1237.4	1100.1
120°	2276.6	2320.4	2495.3	2670.2	2495.3	2320.4	2276.6	1922.5	1450.5	1214.5	1088.8
122.5°	2153.3	2196.4	2369.0	2541.5	2369.0	2196.4	2153.3	1834.6	1409.5	1196.9	1083.0
125°	1990.2	2030.0	2188.9	2347.9	2188.9	2030.0	1990.2	1719.4	1358.3	1177.8	1078.2
127.5°	1859.3	1892.8	2026.9	2161.0	2026.9	1892.8	1859.3	1626.8	1316.7	1161.7	1075.4
130°	1776.6	1807.5	1931.5	2055.3	1931.5	1807.5	1776.6	1569.5	1293.5	1155.5	1077.0
132.5°	1706.1	1733.8	1844.8	1955.7	1844.8	1733.8	1706.1	1520.8	1273.7	1150.2	1078.2
135°	1606.6	1630.4	1726.1	1821.7	1726.1	1630.4	1606.6	1451.4	1244.4	1141.0	1077.2
137.5°	1533.0	1552.6	1630.8	1709.1	1630.8	1552.6	1533.0	1401.8	1226.9	1139.4	1083.8
140°	1474.1	1492.4	1565.6	1638.7	1565.6	1492.4	1474.1	1360.8	1209.6	1134.1	1084.9
142.5°	1432.8	1448.5	1511.4	1574.4	1511.4	1448.5	1432.8	1333.2	1200.5	1134.1	1088.8
145°	1370.7	1382.7	1430.3	1477.9	1430.3	1382.7	1370.7	1289.3	1180.7	1126.4	1088.8
147.5°	1318.7	1328.5	1368.1	1407.5	1368.1	1328.5	1318.7	1254.6	1169.1	1126.4	1096.3
150°	1288.8	1296.8	1328.8	1360.8	1328.8	1296.8	1288.8	1234.7	1162.5	1126.4	1100.2
152.5°	1265.0	1271.1	1295.2	1319.4	1295.2	1271.1	1265.0	1218.8	1157.2	1126.4	1102.7
155°	1236.7	1240.8	1256.8	1272.7	1256.8	1240.8	1236.7	1200.0	1151.0	1126.4	1108.4
157.5°	1212.2	1214.9	1226.2	1237.4	1226.2	1214.9	1212.2	1183.6	1145.4	1126.4	1114.0
160°	1200.0	1201.5	1208.0	1214.5	1208.0	1201.5	1200.0	1175.4	1142.8	1126.4	1116.5
162.5°	1188.4	1190.0	1196.1	1202.2	1196.1	1190.0	1188.4	1167.7	1140.2	1126.4	1119.3
165°	1170.9	1172.5	1179.0	1185.4	1179.0	1172.5	1170.9	1156.1	1136.3	1126.4	1123.2
167.5°	1163.2	1163.9	1166.5	1169.3	1166.5	1163.9	1163.2	1153.5	1140.6	1134.1	1131.3
170°	1163.2	1163.2	1163.2	1163.2	1163.2	1163.2	1163.2	1153.5	1140.6	1134.1	1133.9
172.5°	1157.1	1156.5	1154.1	1151.7	1154.1	1156.5	1157.1	1149.4	1139.2	1134.1	1134.1
175°	1148.7	1148.7	1148.7	1148.7	1148.7	1148.7	1148.7	1143.9	1137.4	1134.1	1135.7
177.5°	1147.1	1146.4	1143.8	1141.0	1143.8	1146.4	1147.1	1143.3	1138.1	1135.6	1136.8
180°	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0



TEST NUMBER: P935488

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1048.4	1048.4	1048.4	1048.4	1048.4
2.5°	1035.5	1040.5	1043.5	1047.4	1057.4
5°	995.9	1014.7	1020.7	1035.5	1053.3
7.5°	908.6	966.1	982.0	1017.7	1045.5
10°	824.3	881.8	909.6	993.9	1035.5
12.5°	781.6	815.3	834.2	952.2	1021.7
15°	754.8	778.6	792.5	896.7	1005.8
17.5°	734.0	750.8	760.8	842.1	983.9
20°	721.1	729.0	737.9	802.4	959.2
22.5°	712.2	707.3	714.2	774.7	925.5
25°	706.3	687.3	695.3	752.8	885.7
27.5°	711.2	669.5	672.6	733.0	844.1
30°	712.2	647.7	648.7	712.2	797.5
32.5°	705.3	624.9	625.9	686.4	744.9
35°	688.3	598.1	597.1	656.7	673.5
37.5°	665.6	569.3	569.3	623.9	595.1
40°	637.7	540.6	543.6	581.2	525.7
42.5°	604.0	509.9	513.8	524.7	474.2
45°	567.3	480.1	483.0	443.4	434.4
47.5°	526.7	449.3	450.3	368.0	421.5
50°	478.1	417.6	413.6	315.4	420.5
52.5°	435.4	382.9	370.9	285.6	381.9
55°	393.8	346.2	320.4	262.9	354.1
57.5°	357.1	298.6	273.8	236.0	348.2
60°	323.3	251.9	233.1	207.3	319.4
62.5°	295.6	217.2	213.3	187.4	289.6
65°	265.8	193.5	192.5	170.6	246.0
67.5°	237.0	177.6	176.6	154.7	187.4
70°	206.3	160.7	158.7	137.8	138.8
72.5°	174.6	141.9	139.8	123.9	115.1
75°	142.9	120.0	119.0	108.2	93.3
77.5°	112.1	95.2	97.2	87.3	68.4
80°	80.4	69.4	71.4	62.5	51.6
82.5°	53.5	45.7	47.6	39.6	34.7
85°	29.8	25.8	26.8	20.8	15.9
87.5°	13.9	11.9	11.9	7.9	4.9
90°	33.6	21.4	19.9	13.8	7.7
92.5°	207.8	147.8	134.8	82.7	30.7
95°	511.2	287.9	264.1	168.8	73.6
97.5°	688.6	316.2	295.2	211.1	127.1
100°	753.2	340.0	320.9	244.7	168.5
102.5°	782.9	363.7	346.0	274.8	203.7
105°	804.8	398.9	383.8	323.7	263.5
107.5°	808.9	451.0	437.0	380.8	324.7
110°	802.7	480.1	467.4	416.7	366.0



TEST NUMBER: P935488

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	803.0	515.4	503.3	454.9	406.6
115°	810.5	568.2	557.1	512.4	467.9
117.5°	825.5	619.5	609.3	568.9	528.4
120°	837.7	649.4	639.8	601.8	563.6
122.5°	855.4	684.6	675.0	636.6	598.1
125°	879.1	729.7	721.0	686.0	650.9
127.5°	902.9	773.4	764.5	729.1	693.7
130°	920.1	802.5	792.9	754.9	716.7
132.5°	934.2	826.3	816.7	778.6	740.5
135°	949.5	853.8	845.1	810.4	775.7
137.5°	972.5	889.1	880.5	846.1	811.7
140°	986.5	912.7	904.9	873.2	841.6
142.5°	998.3	930.4	923.1	893.8	864.5
145°	1013.6	957.2	950.8	925.3	899.7
147.5°	1036.1	990.9	984.7	959.9	935.0
150°	1047.8	1008.5	1002.9	980.5	958.0
152.5°	1055.5	1020.0	1015.8	998.7	981.7
155°	1072.3	1045.3	1042.1	1029.6	1017.0
157.5°	1089.1	1070.5	1067.4	1055.2	1043.0
160°	1096.8	1082.0	1079.7	1070.1	1060.5
162.5°	1105.0	1094.3	1092.5	1085.3	1078.2
165°	1116.7	1111.9	1110.3	1103.8	1097.3
167.5°	1125.9	1121.9	1121.1	1118.0	1115.0
170°	1133.6	1133.3	1132.5	1129.5	1126.4
172.5°	1134.1	1134.1	1133.9	1133.2	1132.5
175°	1138.7	1141.0	1141.0	1141.0	1141.0
177.5°	1139.2	1141.0	1141.0	1141.0	1141.0
180°	1141.0	1141.0	1141.0	1141.0	1141.0



TEST NUMBER: P935488  
 CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-3000K

**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	8.64	9.33	9.78	10.45	12.02	11.47	12.15	12.60	13.28	14.85
	3H	9.11	9.72	10.25	10.85	12.43	12.80	13.41	13.94	14.54	16.13
	4H	9.29	9.87	10.44	11.00	12.59	13.23	13.82	14.38	14.95	16.54
	6H	9.40	9.93	10.56	11.07	12.67	13.51	14.04	14.66	15.18	16.78
	8H	9.39	9.90	10.56	11.06	12.65	13.57	14.09	14.74	15.24	16.83
	12H	9.36	9.84	10.52	10.99	12.60	13.61	14.09	14.77	15.23	16.85
4H	2H	9.65	10.24	10.81	11.37	12.96	11.86	12.44	13.01	13.57	15.16
	3H	10.66	11.15	11.83	12.31	13.91	13.34	13.83	14.51	14.99	16.59
	4H	10.93	11.38	12.10	12.53	14.14	13.86	14.31	15.03	15.46	17.08
	6H	11.05	11.43	12.22	12.60	14.21	14.22	14.60	15.39	15.77	17.38
	8H	11.05	11.40	12.22	12.57	14.19	14.32	14.67	15.49	15.84	17.46
	12H	11.01	11.33	12.19	12.50	14.13	14.36	14.69	15.55	15.86	17.49
8H	4H	11.37	11.73	12.54	12.89	14.51	13.97	14.33	15.14	15.49	17.12
	6H	11.62	11.92	12.81	13.12	14.74	14.40	14.69	15.59	15.90	17.52
	8H	11.66	11.92	12.86	13.10	14.75	14.55	14.81	15.74	15.99	17.63
	12H	11.64	11.87	12.84	13.05	14.72	14.64	14.86	15.84	16.04	17.72
12H	4H	11.37	11.69	12.55	12.86	14.49	13.93	14.25	15.11	15.42	17.06
	6H	11.68	11.94	12.88	13.12	14.76	14.40	14.65	15.59	15.83	17.48
	8H	11.74	11.97	12.94	13.15	14.82	14.55	14.77	15.75	15.95	17.63