

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: P935540

Luminaire Tested: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-4000K

Issue Date: 12/17/2024

**Test Information**

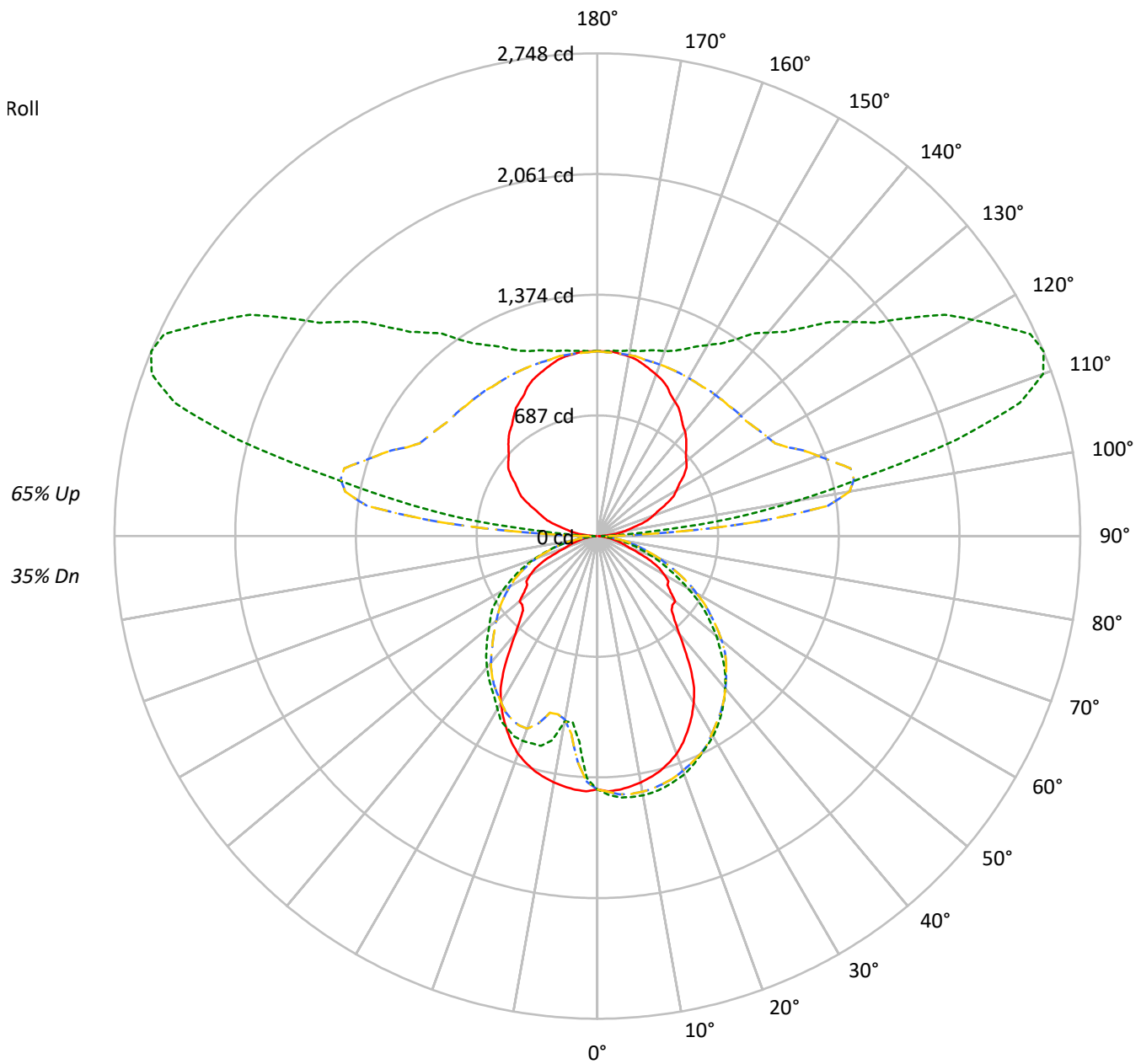
Test Method: LM-79-2019  
Report Number: P935540  
REPORT IS A COMBINATION OF REPORTS P933759 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-4000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10567.2 lumens  
Efficiency: N/A  
Efficacy: 126.7 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): 83.4  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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

TEST NUMBER: P935540  
CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-4000K

### Luminous Intensity Polar Plot



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



TEST NUMBER: P935540

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-4000K

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				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	104	104	104	104	94	94	94	94	75	75	75	58	58	58	43	43	43	35				35
1	95	90	87	83	85	82	79	76	66	64	62	51	50	49	38	37	36	30				30
2	86	79	73	68	78	72	66	62	58	54	51	45	43	41	33	32	30	25				25
3	78	69	62	56	71	63	57	52	51	47	43	40	37	34	29	28	26	21				21
4	72	61	54	48	65	56	49	44	45	40	36	35	32	29	26	24	22	18				18
5	66	54	46	41	59	50	43	38	40	35	31	32	28	25	24	21	19	16				16
6	60	49	41	35	54	44	37	32	36	31	27	29	25	22	21	19	17	14				14
7	56	44	36	31	50	40	33	28	33	28	24	26	22	19	20	17	15	12				12
8	52	40	32	27	47	36	30	25	30	25	21	24	20	17	18	15	13	11				11
9	48	36	29	24	43	33	27	22	27	22	19	22	18	15	16	14	12	10				10
10	45	33	26	21	41	30	24	20	25	20	17	20	16	14	15	13	11	9				9

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

	0°	90°	180°	270°
0°	8922	8922	8922	8922
5°	8986	9006	8986	7082
10°	8922	8872	8922	6343
15°	8822	8679	8822	7247
20°	8633	8452	8633	7263
25°	8253	8119	8253	7109
30°	7761	7844	7761	6771
35°	6916	7495	6916	6399
40°	5760	7084	5760	6119
45°	5142	6604	5142	5796
50°	5459	6031	5459	5472
55°	5131	5413	5131	5285
60°	5284	4597	5284	4840
65°	4782	3800	4782	4248
70°	3303	3029	3303	3561
75°	2887	2239	2887	2681
80°	2311	1480	2311	1612
85°	1300	784	1300	666

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 7887 cd/sqm



TEST NUMBER: P935540

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-4000K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	130.2	1.2
10°-20°	369.6	3.5
20°-30°	571.4	5.4
30°-40°	682.1	6.5
40°-50°	686.1	6.5
50°-60°	597.0	5.6
60°-70°	423.3	4.0
70°-80°	223.9	2.1
80°-90°	59.8	0.6
90°-100°	513.1	4.9
100°-110°	1349.0	12.8
110°-120°	1398.7	13.2
120°-130°	1122.0	10.6
130°-140°	880.3	8.3
140°-150°	675.7	6.4
150°-160°	486.6	4.6
160°-170°	297.7	2.8
170°-180°	100.6	1.0
0°-30°	1071.2	10.1
0°-40°	1753.3	16.6
0°-60°	3036.4	28.7
0°-90°	3743.5	35.4
90°-120°	3260.8	30.9
90°-150°	5938.8	56.2
90°-180°	6824.0	64.6
0°-180°	10567.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1442	1442	1442	1442	1442	
5°	1449	1494	1449	1175	1449	137
15°	1384	1480	1384	1236	1384	389
25°	1218	1381	1218	1209	1218	559
35°	926	1232	926	1052	926	573
45°	598	1015	598	891	598	479
55°	487	749	487	731	487	448
65°	338	452	338	505	338	323
75°	128	214	128	256	128	135
85°	22	55	22	46	22	29
90°	7	27	7	27	7	7
95°	68	310	68	310	68	75
105°	243	2112	243	2112	243	258
115°	432	2720	432	2720	432	426
125°	600	2166	600	2166	600	533
135°	716	1681	716	1681	716	554
145°	830	1364	830	1364	830	520
155°	938	1174	938	1174	938	431
165°	1012	1094	1012	1094	1012	286
175°	1053	1060	1053	1060	1053	100
180°	1053	1053	1053	1053	1053	



TEST NUMBER: P935540

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-4000K

**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2
2.5°	1454.5	1454.5	1462.7	1465.4	1465.4	1461.3	1457.2	1461.3	1473.6	1477.7	1476.3
5°	1449.1	1460.0	1475.0	1477.7	1480.4	1479.1	1476.3	1479.1	1492.7	1495.4	1496.8
7.5°	1438.1	1458.6	1477.7	1481.8	1485.9	1481.8	1480.4	1483.2	1496.8	1499.5	1499.5
10°	1424.5	1453.1	1475.0	1477.7	1481.8	1477.7	1477.7	1483.2	1496.8	1499.5	1500.9
12.5°	1405.4	1445.0	1465.4	1468.2	1473.6	1472.2	1470.9	1476.3	1490.0	1492.7	1492.7
15°	1383.6	1429.9	1449.1	1451.8	1461.3	1458.6	1458.6	1464.1	1479.1	1483.2	1481.8
17.5°	1353.5	1410.8	1432.7	1436.8	1443.6	1442.2	1443.6	1449.1	1462.7	1465.4	1466.8
20°	1319.4	1384.9	1410.8	1414.9	1421.8	1421.8	1421.8	1428.6	1442.2	1447.7	1447.7
22.5°	1273.0	1357.6	1384.9	1387.7	1395.8	1395.8	1398.6	1408.1	1420.4	1421.8	1421.8
25°	1218.5	1327.6	1350.8	1359.0	1367.2	1371.3	1375.4	1380.8	1384.9	1383.6	1384.9
27.5°	1161.2	1289.4	1319.4	1324.9	1335.8	1339.9	1345.4	1346.7	1348.1	1352.2	1349.4
30°	1097.0	1236.2	1281.2	1286.7	1304.4	1307.1	1301.7	1304.4	1311.2	1314.0	1316.7
32.5°	1024.7	1157.1	1241.7	1253.9	1270.3	1262.1	1260.8	1264.9	1275.8	1275.8	1278.5
35°	926.5	1095.7	1204.8	1215.7	1228.0	1218.5	1223.9	1225.3	1232.1	1236.2	1234.8
37.5°	818.7	1042.4	1166.6	1174.8	1184.3	1172.1	1180.3	1184.3	1189.8	1187.1	1187.1
40°	723.2	959.2	1121.6	1127.0	1135.2	1125.7	1133.9	1136.6	1139.3	1136.6	1135.2
42.5°	652.2	867.8	1073.8	1080.6	1075.2	1082.0	1084.7	1090.2	1086.1	1080.6	1080.6
45°	597.6	843.2	1022.0	1030.2	1022.0	1032.9	1037.0	1037.0	1024.7	1022.0	1020.6
47.5°	579.9	794.1	970.1	970.1	966.0	979.7	986.5	977.0	964.7	960.6	960.6
50°	578.5	739.5	899.2	893.7	912.8	929.2	922.4	912.8	903.3	888.3	888.3
52.5°	525.3	672.7	807.8	828.2	858.2	867.8	856.9	847.3	831.0	824.1	818.7
55°	487.1	603.1	724.5	765.5	796.8	809.1	788.7	779.1	754.5	750.5	747.7
57.5°	478.9	502.1	648.1	700.0	738.2	736.8	724.5	706.8	686.3	682.2	680.9
60°	439.4	362.9	566.2	627.6	667.2	663.1	652.2	635.8	616.7	614.0	611.3
62.5°	398.4	263.3	473.5	543.1	599.0	597.6	588.1	563.5	549.9	543.1	537.6
65°	338.4	221.0	337.0	451.6	532.1	534.9	514.4	496.7	481.7	473.5	472.1
67.5°	257.9	180.1	227.9	376.6	468.0	465.3	439.4	431.2	412.1	408.0	399.8
70°	191.0	120.1	158.3	305.6	405.2	398.4	378.0	368.4	350.7	341.1	335.7
72.5°	158.3	96.9	116.0	237.4	341.1	332.9	315.2	304.3	289.3	281.1	275.6
75°	128.3	102.3	88.7	176.0	277.0	271.5	255.2	244.2	232.0	221.0	222.4
77.5°	94.1	95.5	71.0	129.6	219.7	211.5	201.9	188.3	182.8	171.9	171.9
80°	71.0	75.0	53.2	88.7	158.3	158.3	150.1	140.5	131.0	125.5	125.5
82.5°	47.8	47.8	39.6	55.9	107.8	103.7	98.2	95.5	90.1	87.3	87.3
85°	21.8	27.3	24.6	34.1	58.7	61.4	61.4	58.7	57.3	54.6	55.9
87.5°	6.8	12.3	15.0	19.1	30.0	31.4	32.7	32.7	32.7	34.1	34.1
90°	7.1	12.7	18.4	19.7	31.0	46.1	53.7	47.7	35.7	26.8	26.8
92.5°	28.3	76.3	124.3	136.4	191.7	265.4	302.4	265.0	190.3	134.3	128.9
95°	67.9	155.7	243.6	265.6	471.6	746.4	883.8	788.7	598.4	455.6	439.4
97.5°	117.3	194.8	272.3	291.7	635.3	1093.5	1322.5	1262.4	1142.1	1051.9	1021.2
100°	155.5	225.8	296.1	313.6	694.9	1203.3	1457.4	1461.8	1470.6	1477.2	1440.5
102.5°	187.9	253.5	319.2	335.6	722.3	1237.7	1495.5	1572.1	1725.4	1840.3	1808.9
105°	243.1	298.6	354.1	368.0	742.4	1241.7	1491.3	1663.1	2006.6	2264.2	2247.3
107.5°	299.5	351.3	403.2	416.1	746.3	1186.4	1406.6	1646.2	2125.3	2484.6	2488.7
110°	337.7	384.4	431.2	442.9	740.5	1137.4	1335.9	1603.7	2139.4	2541.2	2558.7



TEST NUMBER: P935540

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	375.1	419.7	464.3	475.5	740.8	1094.7	1271.6	1545.7	2093.9	2505.0	2532.1
115°	431.6	472.7	513.9	524.2	747.7	1045.6	1194.6	1458.7	1986.8	2382.9	2420.4
117.5°	487.5	524.9	562.2	571.5	761.5	1014.9	1141.6	1379.9	1856.6	2214.1	2255.5
120°	519.9	555.2	590.3	599.1	772.8	1004.5	1120.4	1338.2	1773.6	2100.3	2140.6
122.5°	551.8	587.3	622.7	631.6	789.1	999.1	1104.2	1300.3	1692.5	1986.6	2026.3
125°	600.5	632.8	665.1	673.2	811.0	994.7	1086.6	1253.1	1586.2	1836.1	1872.8
127.5°	640.0	672.7	705.3	713.5	833.0	992.1	1071.7	1214.7	1500.8	1715.3	1746.2
130°	661.2	696.4	731.5	740.4	848.9	993.6	1066.0	1193.4	1448.0	1639.0	1667.5
132.5°	683.1	718.3	753.5	762.3	861.9	994.7	1061.1	1175.1	1403.0	1573.9	1599.5
135°	715.6	747.6	779.6	787.7	876.0	993.8	1052.6	1148.1	1339.0	1482.2	1504.2
137.5°	748.8	780.6	812.3	820.2	897.2	999.9	1051.2	1131.9	1293.2	1414.3	1432.3
140°	776.4	805.6	834.8	842.1	910.1	1000.9	1046.3	1115.9	1255.4	1359.9	1376.8
142.5°	797.6	824.6	851.6	858.3	921.0	1004.5	1046.3	1107.5	1229.9	1321.8	1336.3
145°	830.0	853.6	877.2	883.1	935.1	1004.5	1039.2	1089.3	1189.4	1264.6	1275.6
147.5°	862.6	885.5	908.5	914.2	955.8	1011.4	1039.2	1078.6	1157.4	1216.5	1225.6
150°	883.8	904.5	925.2	930.4	966.7	1015.0	1039.2	1072.5	1139.0	1189.0	1196.4
152.5°	905.6	921.4	937.1	941.0	973.8	1017.3	1039.2	1067.5	1124.4	1167.1	1172.6
155°	938.2	949.8	961.4	964.3	989.2	1022.5	1039.2	1061.8	1107.0	1141.0	1144.7
157.5°	962.2	973.5	984.8	987.6	1004.8	1027.7	1039.2	1056.7	1091.9	1118.3	1120.9
160°	978.4	987.2	996.1	998.2	1011.9	1030.1	1039.2	1054.3	1084.4	1107.0	1108.5
162.5°	994.7	1001.2	1007.9	1009.5	1019.4	1032.6	1039.2	1051.9	1077.3	1096.4	1097.8
165°	1012.3	1018.3	1024.3	1025.8	1030.3	1036.2	1039.2	1048.3	1066.5	1080.2	1081.6
167.5°	1028.6	1031.4	1034.3	1035.0	1038.7	1043.7	1046.3	1052.3	1064.2	1073.1	1073.7
170°	1039.2	1042.0	1044.8	1045.5	1045.8	1046.1	1046.3	1052.3	1064.2	1073.1	1073.1
172.5°	1044.8	1045.4	1046.1	1046.3	1046.3	1046.3	1046.3	1051.0	1060.4	1067.5	1066.9
175°	1052.6	1052.6	1052.6	1052.6	1050.5	1047.7	1046.3	1049.3	1055.3	1059.7	1059.7
177.5°	1052.6	1052.6	1052.6	1052.6	1051.0	1048.7	1047.6	1050.0	1054.7	1058.3	1057.6
180°	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6



TEST NUMBER: P935540

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2
2.5°	1479.1	1475.0	1479.1	1476.3	1477.7	1473.6	1461.3	1457.2	1461.3	1465.4	1465.4
5°	1496.8	1494.1	1496.8	1496.8	1495.4	1492.7	1479.1	1476.3	1479.1	1480.4	1477.7
7.5°	1502.3	1498.2	1502.3	1499.5	1499.5	1496.8	1483.2	1480.4	1481.8	1485.9	1481.8
10°	1502.3	1498.2	1502.3	1500.9	1499.5	1496.8	1483.2	1477.7	1477.7	1481.8	1477.7
12.5°	1495.4	1492.7	1495.4	1492.7	1492.7	1490.0	1476.3	1470.9	1472.2	1473.6	1468.2
15°	1484.5	1480.4	1484.5	1481.8	1483.2	1479.1	1464.1	1458.6	1458.6	1461.3	1451.8
17.5°	1468.2	1462.7	1468.2	1466.8	1465.4	1462.7	1449.1	1443.6	1442.2	1443.6	1436.8
20°	1449.1	1445.0	1449.1	1447.7	1447.7	1442.2	1428.6	1421.8	1421.8	1421.8	1414.9
22.5°	1419.0	1414.9	1419.0	1421.8	1421.8	1420.4	1408.1	1398.6	1395.8	1395.8	1387.7
25°	1384.9	1380.8	1384.9	1384.9	1383.6	1384.9	1380.8	1375.4	1371.3	1367.2	1359.0
27.5°	1352.2	1349.4	1352.2	1349.4	1352.2	1348.1	1346.7	1345.4	1339.9	1335.8	1324.9
30°	1319.4	1316.7	1319.4	1316.7	1314.0	1311.2	1304.4	1301.7	1307.1	1304.4	1286.7
32.5°	1278.5	1275.8	1278.5	1278.5	1275.8	1275.8	1264.9	1260.8	1262.1	1270.3	1253.9
35°	1236.2	1232.1	1236.2	1234.8	1236.2	1232.1	1225.3	1223.9	1218.5	1228.0	1215.7
37.5°	1187.1	1183.0	1187.1	1187.1	1187.1	1189.8	1184.3	1180.3	1172.1	1184.3	1174.8
40°	1136.6	1131.1	1136.6	1135.2	1136.6	1139.3	1136.6	1133.9	1125.7	1135.2	1127.0
42.5°	1079.3	1077.9	1079.3	1080.6	1080.6	1086.1	1090.2	1084.7	1082.0	1075.2	1080.6
45°	1017.9	1015.2	1017.9	1020.6	1022.0	1024.7	1037.0	1037.0	1032.9	1022.0	1030.2
47.5°	952.4	945.6	952.4	960.6	960.6	964.7	977.0	986.5	979.7	966.0	970.1
50°	882.8	884.2	882.8	888.3	888.3	903.3	912.8	922.4	929.2	912.8	893.7
52.5°	814.6	813.2	814.6	818.7	824.1	831.0	847.3	856.9	867.8	858.2	828.2
55°	746.4	749.1	746.4	747.7	750.5	754.5	779.1	788.7	809.1	796.8	765.5
57.5°	678.1	674.0	678.1	680.9	682.2	686.3	706.8	724.5	736.8	738.2	700.0
60°	599.0	593.5	599.0	611.3	614.0	616.7	635.8	652.2	663.1	667.2	627.6
62.5°	529.4	519.9	529.4	537.6	543.1	549.9	563.5	588.1	597.6	599.0	543.1
65°	455.7	451.6	455.7	472.1	473.5	481.7	496.7	514.4	534.9	532.1	451.6
67.5°	388.9	388.9	388.9	399.8	408.0	412.1	431.2	439.4	465.3	468.0	376.6
70°	327.5	326.1	327.5	335.7	341.1	350.7	368.4	378.0	398.4	405.2	305.6
72.5°	268.8	267.4	268.8	275.6	281.1	289.3	304.3	315.2	332.9	341.1	237.4
75°	216.9	214.2	216.9	222.4	221.0	232.0	244.2	255.2	271.5	277.0	176.0
77.5°	166.5	166.5	166.5	171.9	171.9	182.8	188.3	201.9	211.5	219.7	129.6
80°	124.2	122.8	124.2	125.5	125.5	131.0	140.5	150.1	158.3	158.3	88.7
82.5°	87.3	84.6	87.3	87.3	87.3	90.1	95.5	98.2	103.7	107.8	55.9
85°	54.6	54.6	54.6	55.9	54.6	57.3	58.7	61.4	61.4	58.7	34.1
87.5°	35.5	34.1	35.5	34.1	34.1	32.7	32.7	32.7	31.4	30.0	19.1
90°	26.8	26.8	26.8	26.8	26.8	35.7	47.7	53.7	46.1	31.0	19.7
92.5°	107.5	86.1	107.5	128.9	134.3	190.3	265.0	302.4	265.4	191.7	136.4
95°	374.8	310.1	374.8	439.4	455.6	598.4	788.7	883.8	746.4	471.6	265.6
97.5°	898.1	775.0	898.1	1021.2	1051.9	1142.1	1262.4	1322.5	1093.5	635.3	291.7
100°	1294.0	1147.3	1294.0	1440.5	1477.2	1470.6	1461.8	1457.4	1203.3	694.9	313.6
102.5°	1683.3	1557.8	1683.3	1808.9	1840.3	1725.4	1572.1	1495.5	1237.7	722.3	335.6
105°	2179.8	2112.3	2179.8	2247.3	2264.2	2006.6	1663.1	1491.3	1241.7	742.4	368.0
107.5°	2505.0	2521.3	2505.0	2488.7	2484.6	2125.3	1646.2	1406.6	1186.4	746.3	416.1
110°	2629.0	2699.3	2629.0	2558.7	2541.2	2139.4	1603.7	1335.9	1137.4	740.5	442.9





TEST NUMBER: P935540

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2640.0	2748.1	2640.0	2532.1	2505.0	2093.9	1545.7	1271.6	1094.7	740.8	475.5
115°	2570.1	2719.8	2570.1	2420.4	2382.9	1986.8	1458.7	1194.6	1045.6	747.7	524.2
117.5°	2421.6	2587.7	2421.6	2255.5	2214.1	1856.6	1379.9	1141.6	1014.9	761.5	571.5
120°	2302.0	2463.4	2302.0	2140.6	2100.3	1773.6	1338.2	1120.4	1004.5	772.8	599.1
122.5°	2185.5	2344.7	2185.5	2026.3	1986.6	1692.5	1300.3	1104.2	999.1	789.1	631.6
125°	2019.4	2166.0	2019.4	1872.8	1836.1	1586.2	1253.1	1086.6	994.7	811.0	673.2
127.5°	1869.9	1993.7	1869.9	1746.2	1715.3	1500.8	1214.7	1071.7	992.1	833.0	713.5
130°	1781.9	1896.1	1781.9	1667.5	1639.0	1448.0	1193.4	1066.0	993.6	848.9	740.4
132.5°	1701.9	1804.3	1701.9	1599.5	1573.9	1403.0	1175.1	1061.1	994.7	861.9	762.3
135°	1592.4	1680.6	1592.4	1504.2	1482.2	1339.0	1148.1	1052.6	993.8	876.0	787.7
137.5°	1504.5	1576.8	1504.5	1432.3	1414.3	1293.2	1131.9	1051.2	999.9	897.2	820.2
140°	1444.3	1511.8	1444.3	1376.8	1359.9	1255.4	1115.9	1046.3	1000.9	910.1	842.1
142.5°	1394.4	1452.5	1394.4	1336.3	1321.8	1229.9	1107.5	1046.3	1004.5	921.0	858.3
145°	1319.5	1363.5	1319.5	1275.6	1264.6	1189.4	1089.3	1039.2	1004.5	935.1	883.1
147.5°	1262.1	1298.5	1262.1	1225.6	1216.5	1157.4	1078.6	1039.2	1011.4	955.8	914.2
150°	1225.9	1255.4	1225.9	1196.4	1189.0	1139.0	1072.5	1039.2	1015.0	966.7	930.4
152.5°	1194.9	1217.2	1194.9	1172.6	1167.1	1124.4	1067.5	1039.2	1017.3	973.8	941.0
155°	1159.4	1174.2	1159.4	1144.7	1141.0	1107.0	1061.8	1039.2	1022.5	989.2	964.3
157.5°	1131.2	1141.6	1131.2	1120.9	1118.3	1091.9	1056.7	1039.2	1027.7	1004.8	987.6
160°	1114.5	1120.4	1114.5	1108.5	1107.0	1084.4	1054.3	1039.2	1030.1	1011.9	998.2
162.5°	1103.5	1109.1	1103.5	1097.8	1096.4	1077.3	1051.9	1039.2	1032.6	1019.4	1009.5
165°	1087.7	1093.6	1087.7	1081.6	1080.2	1066.5	1048.3	1039.2	1036.2	1030.3	1025.8
167.5°	1076.2	1078.7	1076.2	1073.7	1073.1	1064.2	1052.3	1046.3	1043.7	1038.7	1035.0
170°	1073.1	1073.1	1073.1	1073.1	1073.1	1064.2	1052.3	1046.3	1046.1	1045.8	1045.5
172.5°	1064.7	1062.5	1064.7	1066.9	1067.5	1060.4	1051.0	1046.3	1046.3	1046.3	1046.3
175°	1059.7	1059.7	1059.7	1059.7	1059.7	1055.3	1049.3	1046.3	1047.7	1050.5	1052.6
177.5°	1055.2	1052.6	1055.2	1057.6	1058.3	1054.7	1050.0	1047.6	1048.7	1051.0	1052.6
180°	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6



TEST NUMBER: P935540

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2
2.5°	1462.7	1454.5	1454.5	1440.9	1435.4	1431.3	1424.5	1404.0	1398.6	1393.1	1401.3
5°	1475.0	1460.0	1449.1	1424.5	1404.0	1395.8	1369.9	1320.8	1288.0	1263.5	1249.8
7.5°	1477.7	1458.6	1438.1	1399.9	1350.8	1329.0	1249.8	1159.8	1135.2	1113.4	1099.8
10°	1475.0	1453.1	1424.5	1367.2	1251.2	1213.0	1133.9	1075.2	1060.2	1056.1	1060.2
12.5°	1465.4	1445.0	1405.4	1309.9	1147.5	1121.6	1075.2	1041.1	1038.4	1045.2	1082.0
15°	1449.1	1429.9	1383.6	1233.5	1090.2	1071.1	1038.4	1026.1	1041.1	1088.8	1199.4
17.5°	1432.7	1410.8	1353.5	1158.4	1046.5	1032.9	1009.7	1034.3	1118.9	1183.0	1219.8
20°	1410.8	1384.9	1319.4	1103.8	1015.2	1002.9	992.0	1102.5	1166.6	1189.8	1210.3
22.5°	1384.9	1357.6	1273.0	1065.6	982.4	972.9	979.7	1140.7	1166.6	1183.0	1200.7
25°	1350.8	1327.6	1218.5	1035.6	956.5	945.6	971.5	1136.6	1151.6	1155.7	1191.2
27.5°	1319.4	1289.4	1161.2	1008.3	925.1	921.0	978.3	1118.9	1129.8	1133.9	1172.1
30°	1281.2	1236.2	1097.0	979.7	892.4	891.0	979.7	1097.0	1094.3	1105.2	1143.4
32.5°	1241.7	1157.1	1024.7	944.2	861.0	859.6	970.1	1064.3	1061.5	1076.6	1105.2
35°	1204.8	1095.7	926.5	903.3	821.4	822.8	946.9	1026.1	1027.4	1041.1	1058.8
37.5°	1166.6	1042.4	818.7	858.2	783.2	783.2	915.5	990.6	987.9	992.0	1016.5
40°	1121.6	959.2	723.2	799.6	747.7	743.6	877.3	952.4	942.8	941.5	975.6
42.5°	1073.8	867.8	652.2	721.8	706.8	701.3	831.0	906.0	888.3	892.4	936.0
45°	1022.0	843.2	597.6	609.9	664.5	660.4	780.5	852.8	840.5	851.4	896.4
47.5°	970.1	794.1	579.9	506.2	619.5	618.1	724.5	800.9	794.1	805.0	852.8
50°	899.2	739.5	578.5	433.9	569.0	574.4	657.7	750.5	750.5	760.0	810.5
52.5°	807.8	672.7	525.3	393.0	510.3	526.7	599.0	706.8	709.5	719.1	764.1
55°	724.5	603.1	487.1	361.6	440.7	476.2	541.7	661.8	667.2	676.8	717.7
57.5°	648.1	502.1	478.9	324.7	376.6	410.7	491.2	618.1	620.8	629.0	668.6
60°	566.2	362.9	439.4	285.2	320.6	346.6	444.8	566.2	575.8	581.3	615.4
62.5°	473.5	263.3	398.4	257.9	293.4	298.8	406.6	517.1	529.4	533.5	554.0
65°	337.0	221.0	338.4	234.7	264.7	266.1	365.7	466.6	477.6	484.4	499.4
67.5°	227.9	180.1	257.9	212.9	242.9	244.2	326.1	408.0	423.0	428.4	438.0
70°	158.3	120.1	191.0	189.7	218.3	221.0	283.8	354.8	368.4	372.5	378.0
72.5°	116.0	96.9	158.3	170.6	192.4	195.1	240.1	294.7	308.4	312.5	315.2
75°	88.7	102.3	128.3	148.7	163.7	165.1	196.5	240.1	249.7	252.4	253.8
77.5°	71.0	95.5	94.1	120.1	133.7	131.0	154.2	185.6	193.8	193.8	193.8
80°	53.2	75.0	71.0	86.0	98.2	95.5	110.5	132.4	135.1	137.8	136.4
82.5°	39.6	47.8	47.8	54.6	65.5	62.8	73.7	86.0	86.0	86.0	88.7
85°	24.6	27.3	21.8	28.7	36.8	35.5	40.9	46.4	47.8	47.8	45.0
87.5°	15.0	12.3	6.8	10.9	16.4	16.4	19.1	20.5	19.1	19.1	19.1
90°	18.4	12.7	7.1	12.7	18.4	19.7	31.0	46.1	53.7	47.7	35.7
92.5°	124.3	76.3	28.3	76.3	124.3	136.4	191.7	265.4	302.4	265.0	190.3
95°	243.6	155.7	67.9	155.7	243.6	265.6	471.6	746.4	883.8	788.7	598.4
97.5°	272.3	194.8	117.3	194.8	272.3	291.7	635.3	1093.5	1322.5	1262.4	1142.1
100°	296.1	225.8	155.5	225.8	296.1	313.6	694.9	1203.3	1457.4	1461.8	1470.6
102.5°	319.2	253.5	187.9	253.5	319.2	335.6	722.3	1237.7	1495.5	1572.1	1725.4
105°	354.1	298.6	243.1	298.6	354.1	368.0	742.4	1241.7	1491.3	1663.1	2006.6
107.5°	403.2	351.3	299.5	351.3	403.2	416.1	746.3	1186.4	1406.6	1646.2	2125.3
110°	431.2	384.4	337.7	384.4	431.2	442.9	740.5	1137.4	1335.9	1603.7	2139.4



TEST NUMBER: P935540

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	464.3	419.7	375.1	419.7	464.3	475.5	740.8	1094.7	1271.6	1545.7	2093.9
115°	513.9	472.7	431.6	472.7	513.9	524.2	747.7	1045.6	1194.6	1458.7	1986.8
117.5°	562.2	524.9	487.5	524.9	562.2	571.5	761.5	1014.9	1141.6	1379.9	1856.6
120°	590.3	555.2	519.9	555.2	590.3	599.1	772.8	1004.5	1120.4	1338.2	1773.6
122.5°	622.7	587.3	551.8	587.3	622.7	631.6	789.1	999.1	1104.2	1300.3	1692.5
125°	665.1	632.8	600.5	632.8	665.1	673.2	811.0	994.7	1086.6	1253.1	1586.2
127.5°	705.3	672.7	640.0	672.7	705.3	713.5	833.0	992.1	1071.7	1214.7	1500.8
130°	731.5	696.4	661.2	696.4	731.5	740.4	848.9	993.6	1066.0	1193.4	1448.0
132.5°	753.5	718.3	683.1	718.3	753.5	762.3	861.9	994.7	1061.1	1175.1	1403.0
135°	779.6	747.6	715.6	747.6	779.6	787.7	876.0	993.8	1052.6	1148.1	1339.0
137.5°	812.3	780.6	748.8	780.6	812.3	820.2	897.2	999.9	1051.2	1131.9	1293.2
140°	834.8	805.6	776.4	805.6	834.8	842.1	910.1	1000.9	1046.3	1115.9	1255.4
142.5°	851.6	824.6	797.6	824.6	851.6	858.3	921.0	1004.5	1046.3	1107.5	1229.9
145°	877.2	853.6	830.0	853.6	877.2	883.1	935.1	1004.5	1039.2	1089.3	1189.4
147.5°	908.5	885.5	862.6	885.5	908.5	914.2	955.8	1011.4	1039.2	1078.6	1157.4
150°	925.2	904.5	883.8	904.5	925.2	930.4	966.7	1015.0	1039.2	1072.5	1139.0
152.5°	937.1	921.4	905.6	921.4	937.1	941.0	973.8	1017.3	1039.2	1067.5	1124.4
155°	961.4	949.8	938.2	949.8	961.4	964.3	989.2	1022.5	1039.2	1061.8	1107.0
157.5°	984.8	973.5	962.2	973.5	984.8	987.6	1004.8	1027.7	1039.2	1056.7	1091.9
160°	996.1	987.2	978.4	987.2	996.1	998.2	1011.9	1030.1	1039.2	1054.3	1084.4
162.5°	1007.9	1001.2	994.7	1001.2	1007.9	1009.5	1019.4	1032.6	1039.2	1051.9	1077.3
165°	1024.3	1018.3	1012.3	1018.3	1024.3	1025.8	1030.3	1036.2	1039.2	1048.3	1066.5
167.5°	1034.3	1031.4	1028.6	1031.4	1034.3	1035.0	1038.7	1043.7	1046.3	1052.3	1064.2
170°	1044.8	1042.0	1039.2	1042.0	1044.8	1045.5	1045.8	1046.1	1046.3	1052.3	1064.2
172.5°	1046.1	1045.4	1044.8	1045.4	1046.1	1046.3	1046.3	1046.3	1046.3	1051.0	1060.4
175°	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1050.5	1047.7	1046.3	1049.3	1055.3
177.5°	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1051.0	1048.7	1047.6	1050.0	1054.7
180°	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6



TEST NUMBER: P935540  
 CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2
2.5°	1391.7	1387.7	1393.1	1378.1	1393.1	1387.7	1391.7	1401.3	1393.1	1398.6	1404.0
5°	1221.2	1214.4	1192.5	1174.8	1192.5	1214.4	1221.2	1249.8	1263.5	1288.0	1320.8
7.5°	1091.6	1086.1	1080.6	1069.7	1080.6	1086.1	1091.6	1099.8	1113.4	1135.2	1159.8
10°	1062.9	1064.3	1072.5	1071.1	1072.5	1064.3	1062.9	1060.2	1056.1	1060.2	1075.2
12.5°	1136.6	1148.9	1193.9	1191.2	1193.9	1148.9	1136.6	1082.0	1045.2	1038.4	1041.1
15°	1221.2	1225.3	1234.8	1236.2	1234.8	1225.3	1221.2	1199.4	1088.8	1041.1	1026.1
17.5°	1229.4	1230.7	1237.6	1237.6	1237.6	1230.7	1229.4	1219.8	1183.0	1118.9	1034.3
20°	1222.6	1225.3	1238.9	1241.7	1238.9	1225.3	1222.6	1210.3	1189.8	1166.6	1102.5
22.5°	1219.8	1225.3	1236.2	1234.8	1236.2	1225.3	1219.8	1200.7	1183.0	1166.6	1140.7
25°	1206.2	1206.2	1207.5	1208.9	1207.5	1206.2	1206.2	1191.2	1155.7	1151.6	1136.6
27.5°	1177.5	1180.3	1188.4	1187.1	1188.4	1180.3	1177.5	1172.1	1133.9	1129.8	1118.9
30°	1151.6	1148.9	1142.0	1136.6	1142.0	1148.9	1151.6	1143.4	1105.2	1094.3	1097.0
32.5°	1107.9	1101.1	1094.3	1090.2	1094.3	1101.1	1107.9	1105.2	1076.6	1061.5	1064.3
35°	1056.1	1057.5	1056.1	1052.0	1056.1	1057.5	1056.1	1058.8	1041.1	1027.4	1026.1
37.5°	1019.2	1022.0	1020.6	1015.2	1020.6	1022.0	1019.2	1016.5	992.0	987.9	990.6
40°	981.0	982.4	981.0	977.0	981.0	982.4	981.0	975.6	941.5	942.8	952.4
42.5°	944.2	942.8	938.7	936.0	938.7	942.8	944.2	936.0	892.4	888.3	906.0
45°	901.9	903.3	895.1	891.0	895.1	903.3	901.9	896.4	851.4	840.5	852.8
47.5°	859.6	859.6	852.8	848.7	852.8	859.6	859.6	852.8	805.0	794.1	800.9
50°	814.6	813.2	803.7	802.3	803.7	813.2	814.6	810.5	760.0	750.5	750.5
52.5°	762.7	762.7	764.1	766.8	764.1	762.7	762.7	764.1	719.1	709.5	706.8
55°	717.7	719.1	728.6	731.3	728.6	719.1	717.7	717.7	676.8	667.2	661.8
57.5°	671.3	671.3	678.1	678.1	678.1	671.3	671.3	668.6	629.0	620.8	618.1
60°	618.1	620.8	626.3	624.9	626.3	620.8	618.1	615.4	581.3	575.8	566.2
62.5°	562.2	564.9	566.2	563.5	566.2	564.9	562.2	554.0	533.5	529.4	517.1
65°	503.5	506.2	507.6	504.8	507.6	506.2	503.5	499.4	484.4	477.6	466.6
67.5°	443.4	442.1	440.7	446.2	440.7	442.1	443.4	438.0	428.4	423.0	408.0
70°	382.0	382.0	380.7	383.4	380.7	382.0	382.0	378.0	372.5	368.4	354.8
72.5°	316.6	315.2	320.6	316.6	320.6	315.2	316.6	315.2	312.5	308.4	294.7
75°	252.4	255.2	252.4	256.5	252.4	255.2	252.4	253.8	252.4	249.7	240.1
77.5°	192.4	195.1	192.4	192.4	192.4	195.1	192.4	193.8	193.8	193.8	185.6
80°	136.4	135.1	135.1	133.7	135.1	135.1	136.4	136.4	137.8	135.1	132.4
82.5°	87.3	86.0	86.0	88.7	86.0	86.0	87.3	88.7	86.0	86.0	86.0
85°	47.8	49.1	46.4	46.4	46.4	49.1	47.8	45.0	47.8	47.8	46.4
87.5°	17.7	16.4	16.4	16.4	16.4	16.4	17.7	19.1	19.1	19.1	20.5
90°	26.8	26.8	26.8	26.8	26.8	26.8	26.8	35.7	47.7	53.7	46.1
92.5°	134.3	128.9	107.5	86.1	107.5	128.9	134.3	190.3	265.0	302.4	265.4
95°	455.6	439.4	374.8	310.1	374.8	439.4	455.6	598.4	788.7	883.8	746.4
97.5°	1051.9	1021.2	898.1	775.0	898.1	1021.2	1051.9	1142.1	1262.4	1322.5	1093.5
100°	1477.2	1440.5	1294.0	1147.3	1294.0	1440.5	1477.2	1470.6	1461.8	1457.4	1203.3
102.5°	1840.3	1808.9	1683.3	1557.8	1683.3	1808.9	1840.3	1725.4	1572.1	1495.5	1237.7
105°	2264.2	2247.3	2179.8	2112.3	2179.8	2247.3	2264.2	2006.6	1663.1	1491.3	1241.7
107.5°	2484.6	2488.7	2505.0	2521.3	2505.0	2488.7	2484.6	2125.3	1646.2	1406.6	1186.4
110°	2541.2	2558.7	2629.0	2699.3	2629.0	2558.7	2541.2	2139.4	1603.7	1335.9	1137.4



TEST NUMBER: P935540

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2505.0	2532.1	2640.0	2748.1	2640.0	2532.1	2505.0	2093.9	1545.7	1271.6	1094.7
115°	2382.9	2420.4	2570.1	2719.8	2570.1	2420.4	2382.9	1986.8	1458.7	1194.6	1045.6
117.5°	2214.1	2255.5	2421.6	2587.7	2421.6	2255.5	2214.1	1856.6	1379.9	1141.6	1014.9
120°	2100.3	2140.6	2302.0	2463.4	2302.0	2140.6	2100.3	1773.6	1338.2	1120.4	1004.5
122.5°	1986.6	2026.3	2185.5	2344.7	2185.5	2026.3	1986.6	1692.5	1300.3	1104.2	999.1
125°	1836.1	1872.8	2019.4	2166.0	2019.4	1872.8	1836.1	1586.2	1253.1	1086.6	994.7
127.5°	1715.3	1746.2	1869.9	1993.7	1869.9	1746.2	1715.3	1500.8	1214.7	1071.7	992.1
130°	1639.0	1667.5	1781.9	1896.1	1781.9	1667.5	1639.0	1448.0	1193.4	1066.0	993.6
132.5°	1573.9	1599.5	1701.9	1804.3	1701.9	1599.5	1573.9	1403.0	1175.1	1061.1	994.7
135°	1482.2	1504.2	1592.4	1680.6	1592.4	1504.2	1482.2	1339.0	1148.1	1052.6	993.8
137.5°	1414.3	1432.3	1504.5	1576.8	1504.5	1432.3	1414.3	1293.2	1131.9	1051.2	999.9
140°	1359.9	1376.8	1444.3	1511.8	1444.3	1376.8	1359.9	1255.4	1115.9	1046.3	1000.9
142.5°	1321.8	1336.3	1394.4	1452.5	1394.4	1336.3	1321.8	1229.9	1107.5	1046.3	1004.5
145°	1264.6	1275.6	1319.5	1363.5	1319.5	1275.6	1264.6	1189.4	1089.3	1039.2	1004.5
147.5°	1216.5	1225.6	1262.1	1298.5	1262.1	1225.6	1216.5	1157.4	1078.6	1039.2	1011.4
150°	1189.0	1196.4	1225.9	1255.4	1225.9	1196.4	1189.0	1139.0	1072.5	1039.2	1015.0
152.5°	1167.1	1172.6	1194.9	1217.2	1194.9	1172.6	1167.1	1124.4	1067.5	1039.2	1017.3
155°	1141.0	1144.7	1159.4	1174.2	1159.4	1144.7	1141.0	1107.0	1061.8	1039.2	1022.5
157.5°	1118.3	1120.9	1131.2	1141.6	1131.2	1120.9	1118.3	1091.9	1056.7	1039.2	1027.7
160°	1107.0	1108.5	1114.5	1120.4	1114.5	1108.5	1107.0	1084.4	1054.3	1039.2	1030.1
162.5°	1096.4	1097.8	1103.5	1109.1	1103.5	1097.8	1096.4	1077.3	1051.9	1039.2	1032.6
165°	1080.2	1081.6	1087.7	1093.6	1087.7	1081.6	1080.2	1066.5	1048.3	1039.2	1036.2
167.5°	1073.1	1073.7	1076.2	1078.7	1076.2	1073.7	1073.1	1064.2	1052.3	1046.3	1043.7
170°	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1064.2	1052.3	1046.3	1046.1
172.5°	1067.5	1066.9	1064.7	1062.5	1064.7	1066.9	1067.5	1060.4	1051.0	1046.3	1046.3
175°	1059.7	1059.7	1059.7	1059.7	1059.7	1059.7	1059.7	1055.3	1049.3	1046.3	1047.7
177.5°	1058.3	1057.6	1055.2	1052.6	1055.2	1057.6	1058.3	1054.7	1050.0	1047.6	1048.7
180°	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6



TEST NUMBER: P935540

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1442.2	1442.2	1442.2	1442.2	1442.2
2.5°	1424.5	1431.3	1435.4	1440.9	1454.5
5°	1369.9	1395.8	1404.0	1424.5	1449.1
7.5°	1249.8	1329.0	1350.8	1399.9	1438.1
10°	1133.9	1213.0	1251.2	1367.2	1424.5
12.5°	1075.2	1121.6	1147.5	1309.9	1405.4
15°	1038.4	1071.1	1090.2	1233.5	1383.6
17.5°	1009.7	1032.9	1046.5	1158.4	1353.5
20°	992.0	1002.9	1015.2	1103.8	1319.4
22.5°	979.7	972.9	982.4	1065.6	1273.0
25°	971.5	945.6	956.5	1035.6	1218.5
27.5°	978.3	921.0	925.1	1008.3	1161.2
30°	979.7	891.0	892.4	979.7	1097.0
32.5°	970.1	859.6	861.0	944.2	1024.7
35°	946.9	822.8	821.4	903.3	926.5
37.5°	915.5	783.2	783.2	858.2	818.7
40°	877.3	743.6	747.7	799.6	723.2
42.5°	831.0	701.3	706.8	721.8	652.2
45°	780.5	660.4	664.5	609.9	597.6
47.5°	724.5	618.1	619.5	506.2	579.9
50°	657.7	574.4	569.0	433.9	578.5
52.5°	599.0	526.7	510.3	393.0	525.3
55°	541.7	476.2	440.7	361.6	487.1
57.5°	491.2	410.7	376.6	324.7	478.9
60°	444.8	346.6	320.6	285.2	439.4
62.5°	406.6	298.8	293.4	257.9	398.4
65°	365.7	266.1	264.7	234.7	338.4
67.5°	326.1	244.2	242.9	212.9	257.9
70°	283.8	221.0	218.3	189.7	191.0
72.5°	240.1	195.1	192.4	170.6	158.3
75°	196.5	165.1	163.7	148.7	128.3
77.5°	154.2	131.0	133.7	120.1	94.1
80°	110.5	95.5	98.2	86.0	71.0
82.5°	73.7	62.8	65.5	54.6	47.8
85°	40.9	35.5	36.8	28.7	21.8
87.5°	19.1	16.4	16.4	10.9	6.8
90°	31.0	19.7	18.4	12.7	7.1
92.5°	191.7	136.4	124.3	76.3	28.3
95°	471.6	265.6	243.6	155.7	67.9
97.5°	635.3	291.7	272.3	194.8	117.3
100°	694.9	313.6	296.1	225.8	155.5
102.5°	722.3	335.6	319.2	253.5	187.9
105°	742.4	368.0	354.1	298.6	243.1
107.5°	746.3	416.1	403.2	351.3	299.5
110°	740.5	442.9	431.2	384.4	337.7



TEST NUMBER: P935540

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	740.8	475.5	464.3	419.7	375.1
115°	747.7	524.2	513.9	472.7	431.6
117.5°	761.5	571.5	562.2	524.9	487.5
120°	772.8	599.1	590.3	555.2	519.9
122.5°	789.1	631.6	622.7	587.3	551.8
125°	811.0	673.2	665.1	632.8	600.5
127.5°	833.0	713.5	705.3	672.7	640.0
130°	848.9	740.4	731.5	696.4	661.2
132.5°	861.9	762.3	753.5	718.3	683.1
135°	876.0	787.7	779.6	747.6	715.6
137.5°	897.2	820.2	812.3	780.6	748.8
140°	910.1	842.1	834.8	805.6	776.4
142.5°	921.0	858.3	851.6	824.6	797.6
145°	935.1	883.1	877.2	853.6	830.0
147.5°	955.8	914.2	908.5	885.5	862.6
150°	966.7	930.4	925.2	904.5	883.8
152.5°	973.8	941.0	937.1	921.4	905.6
155°	989.2	964.3	961.4	949.8	938.2
157.5°	1004.8	987.6	984.8	973.5	962.2
160°	1011.9	998.2	996.1	987.2	978.4
162.5°	1019.4	1009.5	1007.9	1001.2	994.7
165°	1030.3	1025.8	1024.3	1018.3	1012.3
167.5°	1038.7	1035.0	1034.3	1031.4	1028.6
170°	1045.8	1045.5	1044.8	1042.0	1039.2
172.5°	1046.3	1046.3	1046.1	1045.4	1044.8
175°	1050.5	1052.6	1052.6	1052.6	1052.6
177.5°	1051.0	1052.6	1052.6	1052.6	1052.6
180°	1052.6	1052.6	1052.6	1052.6	1052.6



TEST NUMBER: P935540  
 CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-4000K

**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	10.88	11.63	11.96	12.70	14.17	13.71	14.45	14.78	15.53	16.99
	3H	11.35	12.02	12.43	13.10	14.58	15.04	15.71	16.13	16.79	18.28
	4H	11.54	12.17	12.63	13.25	14.74	15.48	16.11	16.57	17.20	18.69
	6H	11.65	12.23	12.75	13.32	14.82	15.76	16.34	16.86	17.43	18.93
	8H	11.65	12.20	12.75	13.31	14.80	15.83	16.38	16.93	17.49	18.98
	12H	11.62	12.14	12.73	13.24	14.76	15.86	16.39	16.97	17.48	19.00
4H	2H	11.90	12.53	13.00	13.62	15.11	14.10	14.74	15.20	15.82	17.31
	3H	12.92	13.44	14.02	14.55	16.06	15.60	16.12	16.70	17.23	18.74
	4H	13.19	13.67	14.30	14.77	16.30	16.12	16.60	17.23	17.70	19.23
	6H	13.31	13.72	14.43	14.84	16.36	16.48	16.89	17.59	18.01	19.53
	8H	13.31	13.70	14.43	14.81	16.34	16.58	16.97	17.70	18.08	19.61
	12H	13.27	13.62	14.41	14.75	16.29	16.63	16.98	17.76	18.11	19.64
8H	4H	13.63	14.02	14.75	15.13	16.67	16.23	16.62	17.35	17.74	19.27
	6H	13.89	14.21	15.03	15.37	16.89	16.66	16.98	17.80	18.14	19.67
	8H	13.93	14.21	15.08	15.35	16.90	16.81	17.09	17.96	18.23	19.78
	12H	13.91	14.15	15.06	15.29	16.87	16.91	17.15	18.06	18.29	19.87
12H	4H	13.63	13.98	14.77	15.11	16.65	16.19	16.54	17.33	17.67	19.21
	6H	13.95	14.23	15.09	15.37	16.91	16.66	16.94	17.81	18.08	19.63
	8H	14.01	14.25	15.16	15.39	16.97	16.81	17.06	17.96	18.20	19.78