

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: P935444

Luminaire Tested: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935444
REPORT IS A COMBINATION OF REPORTS P933756 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

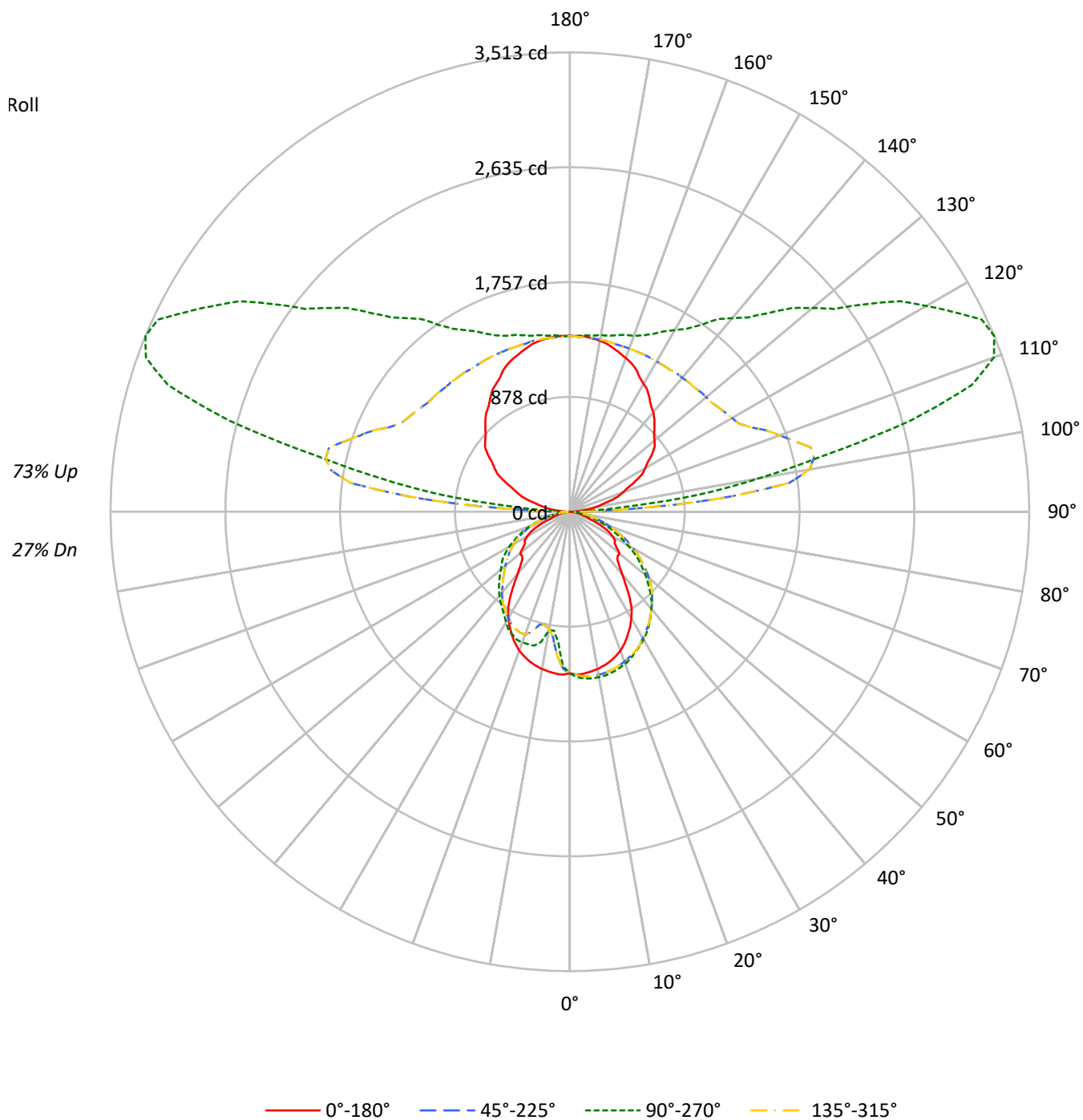
Lumens per Lamp: N/A
Luminaire Lumens: 11933.0 lumens
Efficiency: N/A
Efficacy: 125.3 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 95.2
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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	102	102	102	102	91	91	91	91	71	71	71	52	52	52	35	35	35
1	93	88	85	81	83	79	76	73	62	60	58	46	44	43	31	30	29
2	84	77	71	66	75	69	64	60	54	51	48	40	38	36	27	26	25
3	77	68	61	55	68	61	55	50	48	43	40	35	33	30	24	22	21
4	70	60	52	47	62	54	47	42	42	38	34	31	28	26	21	20	18
5	64	53	45	40	57	48	41	36	38	33	29	28	25	22	19	17	16
6	59	48	40	34	53	43	36	31	34	29	25	25	22	19	17	15	14
7	55	43	35	30	49	38	32	27	30	26	22	23	20	17	16	14	12
8	50	39	31	26	45	35	28	24	28	23	19	21	18	15	15	12	11
9	47	35	28	23	42	32	25	21	25	21	17	19	16	14	13	11	10
10	44	32	25	20	39	29	23	19	23	19	15	18	14	12	12	10	9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5736	5736	5736	5736
5°	5779	5790	5779	4553
10°	5740	5704	5740	4078
15°	5678	5580	5678	4660
20°	5559	5433	5559	4669
25°	5316	5220	5316	4570
30°	5002	5043	5002	4353
35°	4459	4819	4459	4114
40°	3716	4555	3716	3934
45°	3320	4246	3320	3727
50°	3527	3878	3527	3519
55°	3318	3481	3318	3398
60°	3421	2956	3421	3112
65°	3101	2444	3101	2731
70°	2148	1948	2148	2290
75°	1884	1440	1884	1724
80°	1517	952	1517	1036
85°	871	504	871	429

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 5088 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.6	0.9
10°-20°	316.9	2.7
20°-30°	489.8	4.1
30°-40°	584.7	4.9
40°-50°	588.2	4.9
50°-60°	511.8	4.3
60°-70°	362.9	3.0
70°-80°	192.0	1.6
80°-90°	52.9	0.4
90°-100°	655.9	5.5
100°-110°	1724.3	14.4
110°-120°	1787.9	15.0
120°-130°	1434.1	12.0
130°-140°	1125.3	9.4
140°-150°	863.7	7.2
150°-160°	622.0	5.2
160°-170°	380.6	3.2
170°-180°	128.6	1.1
0°-30°	918.3	7.7
0°-40°	1503.0	12.6
0°-60°	2603.0	21.8
0°-90°	3210.7	26.9
90°-120°	4168.0	34.9
90°-150°	7591.1	63.6
90°-180°	8722.0	73.1
0°-180°	11933.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1236	1236	1236	1236	1236	
5°	1242	1281	1242	1007	1242	118
15°	1186	1269	1186	1060	1186	334
25°	1044	1184	1044	1036	1044	480
35°	794	1056	794	902	794	491
45°	512	870	512	764	512	410
55°	418	642	418	627	418	384
65°	290	387	290	433	290	277
75°	110	184	110	220	110	116
85°	19	47	19	40	19	25
90°	9	34	9	34	9	8
95°	87	396	87	396	87	96
105°	311	2700	311	2700	311	329
115°	552	3476	552	3476	552	545
125°	768	2769	768	2769	768	681
135°	915	2148	915	2148	915	708
145°	1061	1743	1061	1743	1061	665
155°	1199	1501	1199	1501	1199	551
165°	1294	1398	1294	1398	1294	365
175°	1346	1354	1346	1354	1346	128
180°	1346	1346	1346	1346	1346	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1236.4	1236.4	1236.4	1236.4	1236.4	1236.4	1236.4	1236.4	1236.4	1236.4	1236.4
2.5°	1246.8	1246.8	1253.9	1256.3	1256.3	1252.7	1249.2	1252.7	1263.2	1266.7	1265.6
5°	1242.2	1251.5	1264.4	1266.7	1269.1	1267.9	1265.6	1267.9	1279.6	1282.0	1283.1
7.5°	1232.8	1250.4	1266.7	1270.3	1273.8	1270.3	1269.1	1271.4	1283.1	1285.5	1285.5
10°	1221.1	1245.7	1264.4	1266.7	1270.3	1266.7	1266.7	1271.4	1283.1	1285.5	1286.6
12.5°	1204.7	1238.6	1256.3	1258.5	1263.2	1262.1	1260.9	1265.6	1277.3	1279.6	1279.6
15°	1186.1	1225.8	1242.2	1244.5	1252.7	1250.4	1250.4	1255.0	1267.9	1271.4	1270.3
17.5°	1160.3	1209.4	1228.2	1231.7	1237.5	1236.4	1237.5	1242.2	1253.9	1256.3	1257.4
20°	1131.0	1187.2	1209.4	1212.9	1218.8	1218.8	1218.8	1224.6	1236.4	1241.0	1241.0
22.5°	1091.3	1163.8	1187.2	1189.5	1196.6	1196.6	1198.9	1207.1	1217.6	1218.8	1218.8
25°	1044.5	1138.1	1158.0	1165.0	1172.0	1175.5	1179.0	1183.7	1187.2	1186.1	1187.2
27.5°	995.4	1105.3	1131.0	1135.7	1145.1	1148.6	1153.3	1154.5	1155.6	1159.1	1156.8
30°	940.4	1059.7	1098.3	1103.0	1118.2	1120.6	1115.9	1118.2	1124.1	1126.4	1128.8
32.5°	878.4	991.9	1064.4	1075.0	1089.0	1081.9	1080.8	1084.3	1093.6	1093.6	1096.0
35°	794.2	939.3	1032.8	1042.2	1052.7	1044.5	1049.2	1050.4	1056.2	1059.7	1058.6
37.5°	701.8	893.7	1000.0	1007.1	1015.3	1004.8	1011.7	1015.3	1019.9	1017.6	1017.6
40°	619.9	822.2	961.5	966.1	973.2	965.0	972.0	974.3	976.7	974.3	973.2
42.5°	559.1	743.9	920.5	926.4	921.7	927.6	929.8	934.6	931.1	926.4	926.4
45°	512.3	722.8	876.0	883.1	876.0	885.5	889.0	889.0	878.4	876.0	874.9
47.5°	497.1	680.7	831.7	831.7	828.1	839.9	845.7	837.5	826.9	823.5	823.5
50°	495.9	634.0	770.8	766.2	782.5	796.5	790.7	782.5	774.3	761.5	761.5
52.5°	450.3	576.7	692.5	710.0	735.7	743.9	734.5	726.4	712.4	706.4	701.8
55°	417.5	517.0	621.1	656.2	683.1	693.6	676.1	667.9	646.8	643.3	640.9
57.5°	410.6	430.4	555.6	600.0	632.7	631.6	621.1	605.9	588.4	584.9	583.7
60°	376.6	311.1	485.4	538.0	572.0	568.5	559.1	545.0	528.7	526.4	524.0
62.5°	341.6	225.8	405.8	465.5	513.5	512.3	504.1	483.1	471.3	465.5	460.9
65°	290.0	189.5	288.9	387.2	456.2	458.5	441.0	425.7	412.9	405.8	404.7
67.5°	221.1	154.4	195.3	322.8	401.2	398.9	376.6	369.7	353.3	349.8	342.7
70°	163.8	102.9	135.7	262.0	347.4	341.6	324.0	315.9	300.6	292.4	287.8
72.5°	135.7	83.0	99.4	203.5	292.4	285.4	270.2	260.8	248.0	240.9	236.2
75°	110.0	87.7	76.0	150.9	237.5	232.7	218.7	209.4	198.8	189.5	190.6
77.5°	80.8	81.9	60.8	111.1	188.4	181.3	173.1	161.4	156.7	147.4	147.4
80°	60.8	64.4	45.6	76.0	135.7	135.7	128.6	120.5	112.3	107.6	107.6
82.5°	40.9	40.9	33.9	48.0	92.4	88.9	84.2	81.9	77.2	74.8	74.8
85°	18.7	23.4	21.0	29.2	50.3	52.7	52.7	50.3	49.1	46.8	48.0
87.5°	5.8	10.6	12.9	16.4	25.7	26.9	28.1	28.1	28.1	29.2	29.2
90°	9.1	16.3	23.5	25.3	39.8	59.0	68.6	61.0	45.7	34.3	34.3
92.5°	36.1	97.5	159.0	174.3	245.0	339.3	386.5	338.7	243.2	171.5	164.7
95°	86.7	199.1	311.5	339.6	602.9	954.1	1129.6	1008.1	764.9	582.4	561.8
97.5°	149.9	249.1	348.2	373.0	812.1	1397.7	1690.4	1613.6	1459.9	1344.6	1305.3
100°	198.6	288.6	378.5	401.0	888.3	1538.0	1862.9	1868.5	1879.8	1888.2	1841.4
102.5°	240.2	324.0	407.9	429.0	923.2	1582.2	1911.7	2009.6	2205.5	2352.3	2312.2
105°	310.6	381.7	452.7	470.5	949.0	1587.2	1906.3	2125.8	2564.8	2894.1	2872.6
107.5°	382.9	449.1	515.3	531.9	953.8	1516.6	1797.9	2104.1	2716.6	3175.9	3181.1
110°	431.7	491.5	551.3	566.2	946.7	1453.9	1707.6	2050.0	2734.6	3248.1	3270.6

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	479.5	536.5	593.5	607.7	946.9	1399.3	1625.4	1975.8	2676.4	3202.0	3236.6
115°	551.7	604.3	656.8	670.0	955.7	1336.6	1527.0	1864.5	2539.5	3045.8	3093.7
117.5°	623.1	670.9	718.6	730.5	973.5	1297.3	1459.3	1763.9	2373.1	2830.0	2883.1
120°	664.6	709.6	754.5	765.7	987.8	1284.1	1432.1	1710.5	2267.1	2684.6	2736.2
122.5°	705.2	750.6	795.9	807.2	1008.6	1277.1	1411.4	1662.0	2163.3	2539.3	2590.1
125°	767.6	808.9	850.2	860.5	1036.6	1271.4	1388.8	1601.8	2027.6	2346.9	2393.7
127.5°	818.1	859.9	901.6	912.1	1064.7	1268.1	1369.9	1552.7	1918.3	2192.5	2232.0
130°	845.2	890.2	935.1	946.3	1085.1	1270.1	1362.6	1525.4	1850.9	2095.0	2131.5
132.5°	873.2	918.2	963.1	974.3	1101.6	1271.4	1356.3	1502.0	1793.3	2011.9	2044.6
135°	914.8	955.7	996.6	1006.9	1119.7	1270.2	1345.5	1467.5	1711.5	1894.5	1922.7
137.5°	957.1	997.7	1038.2	1048.4	1146.8	1278.1	1343.6	1446.8	1653.1	1807.8	1830.9
140°	992.4	1029.7	1067.0	1076.4	1163.4	1279.4	1337.4	1426.5	1604.6	1738.3	1759.9
142.5°	1019.5	1054.0	1088.5	1097.1	1177.2	1284.0	1337.4	1415.6	1572.1	1689.5	1708.1
145°	1061.0	1091.1	1121.3	1128.8	1195.3	1284.0	1328.3	1392.3	1520.4	1616.4	1630.4
147.5°	1102.6	1131.9	1161.2	1168.5	1221.8	1292.8	1328.3	1378.7	1479.4	1555.0	1566.6
150°	1129.6	1156.1	1182.7	1189.3	1235.6	1297.4	1328.3	1370.8	1455.9	1519.8	1529.2
152.5°	1157.6	1177.7	1197.7	1202.8	1244.7	1300.4	1328.3	1364.6	1437.3	1491.8	1498.9
155°	1199.2	1214.0	1228.9	1232.6	1264.5	1307.0	1328.3	1357.2	1415.0	1458.4	1463.1
157.5°	1229.9	1244.3	1258.8	1262.4	1284.3	1313.6	1328.3	1350.8	1395.7	1429.4	1432.8
160°	1250.7	1261.9	1273.2	1276.0	1293.4	1316.7	1328.3	1347.6	1386.1	1415.0	1416.9
162.5°	1271.4	1279.8	1288.3	1290.3	1303.0	1319.8	1328.3	1344.5	1377.0	1401.4	1403.3
165°	1294.0	1301.7	1309.3	1311.2	1316.9	1324.4	1328.3	1340.0	1363.3	1380.7	1382.6
167.5°	1314.8	1318.3	1322.0	1322.9	1327.7	1334.1	1337.4	1344.9	1360.2	1371.6	1372.4
170°	1328.3	1331.9	1335.6	1336.5	1336.7	1337.2	1337.4	1344.9	1360.2	1371.6	1371.6
172.5°	1335.5	1336.3	1337.2	1337.4	1337.4	1337.4	1337.4	1343.4	1355.4	1364.5	1363.8
175°	1345.5	1345.5	1345.5	1345.5	1342.8	1339.2	1337.4	1341.2	1348.8	1354.5	1354.5
177.5°	1345.5	1345.5	1345.5	1345.5	1343.4	1340.6	1339.2	1342.1	1348.2	1352.7	1351.9
180°	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1236.4	1236.4	1236.4	1236.4	1236.4	1236.4	1236.4	1236.4	1236.4	1236.4	1236.4
2.5°	1267.9	1264.4	1267.9	1265.6	1266.7	1263.2	1252.7	1249.2	1252.7	1256.3	1256.3
5°	1283.1	1280.8	1283.1	1283.1	1282.0	1279.6	1267.9	1265.6	1267.9	1269.1	1266.7
7.5°	1287.8	1284.3	1287.8	1285.5	1285.5	1283.1	1271.4	1269.1	1270.3	1273.8	1270.3
10°	1287.8	1284.3	1287.8	1286.6	1285.5	1283.1	1271.4	1266.7	1266.7	1270.3	1266.7
12.5°	1282.0	1279.6	1282.0	1279.6	1279.6	1277.3	1265.6	1260.9	1262.1	1263.2	1258.5
15°	1272.6	1269.1	1272.6	1270.3	1271.4	1267.9	1255.0	1250.4	1250.4	1252.7	1244.5
17.5°	1258.5	1253.9	1258.5	1257.4	1256.3	1253.9	1242.2	1237.5	1236.4	1237.5	1231.7
20°	1242.2	1238.6	1242.2	1241.0	1241.0	1236.4	1224.6	1218.8	1218.8	1218.8	1212.9
22.5°	1216.5	1212.9	1216.5	1218.8	1218.8	1217.6	1207.1	1198.9	1196.6	1196.6	1189.5
25°	1187.2	1183.7	1187.2	1187.2	1186.1	1187.2	1183.7	1179.0	1175.5	1172.0	1165.0
27.5°	1159.1	1156.8	1159.1	1156.8	1159.1	1155.6	1154.5	1153.3	1148.6	1145.1	1135.7
30°	1131.0	1128.8	1131.0	1128.8	1126.4	1124.1	1118.2	1115.9	1120.6	1118.2	1103.0
32.5°	1096.0	1093.6	1096.0	1096.0	1093.6	1093.6	1084.3	1080.8	1081.9	1089.0	1075.0
35°	1059.7	1056.2	1059.7	1058.6	1059.7	1056.2	1050.4	1049.2	1044.5	1052.7	1042.2
37.5°	1017.6	1014.1	1017.6	1017.6	1017.6	1019.9	1015.3	1011.7	1004.8	1015.3	1007.1
40°	974.3	969.6	974.3	973.2	974.3	976.7	974.3	972.0	965.0	973.2	966.1
42.5°	925.2	924.0	925.2	926.4	926.4	931.1	934.6	929.8	927.6	921.7	926.4
45°	872.6	870.2	872.6	874.9	876.0	878.4	889.0	889.0	885.5	876.0	883.1
47.5°	816.4	810.6	816.4	823.5	823.5	826.9	837.5	845.7	839.9	828.1	831.7
50°	756.8	758.0	756.8	761.5	761.5	774.3	782.5	790.7	796.5	782.5	766.2
52.5°	698.3	697.1	698.3	701.8	706.4	712.4	726.4	734.5	743.9	735.7	710.0
55°	639.8	642.2	639.8	640.9	643.3	646.8	667.9	676.1	693.6	683.1	656.2
57.5°	581.3	577.8	581.3	583.7	584.9	588.4	605.9	621.1	631.6	632.7	600.0
60°	513.5	508.8	513.5	524.0	526.4	528.7	545.0	559.1	568.5	572.0	538.0
62.5°	453.8	445.6	453.8	460.9	465.5	471.3	483.1	504.1	512.3	513.5	465.5
65°	390.7	387.2	390.7	404.7	405.8	412.9	425.7	441.0	458.5	456.2	387.2
67.5°	333.4	333.4	333.4	342.7	349.8	353.3	369.7	376.6	398.9	401.2	322.8
70°	280.7	279.6	280.7	287.8	292.4	300.6	315.9	324.0	341.6	347.4	262.0
72.5°	230.4	229.3	230.4	236.2	240.9	248.0	260.8	270.2	285.4	292.4	203.5
75°	186.0	183.7	186.0	190.6	189.5	198.8	209.4	218.7	232.7	237.5	150.9
77.5°	142.7	142.7	142.7	147.4	147.4	156.7	161.4	173.1	181.3	188.4	111.1
80°	106.5	105.3	106.5	107.6	107.6	112.3	120.5	128.6	135.7	135.7	76.0
82.5°	74.8	72.6	74.8	74.8	74.8	77.2	81.9	84.2	88.9	92.4	48.0
85°	46.8	46.8	46.8	48.0	46.8	49.1	50.3	52.7	52.7	50.3	29.2
87.5°	30.4	29.2	30.4	29.2	29.2	28.1	28.1	28.1	26.9	25.7	16.4
90°	34.3	34.3	34.3	34.3	34.3	45.7	61.0	68.6	59.0	39.8	25.3
92.5°	137.4	110.1	137.4	164.7	171.5	243.2	338.7	386.5	339.3	245.0	174.3
95°	479.1	396.4	479.1	561.8	582.4	764.9	1008.1	1129.6	954.1	602.9	339.6
97.5°	1147.9	990.6	1147.9	1305.3	1344.6	1459.9	1613.6	1690.4	1397.7	812.1	373.0
100°	1653.9	1466.5	1653.9	1841.4	1888.2	1879.8	1868.5	1862.9	1538.0	888.3	401.0
102.5°	2151.7	1991.1	2151.7	2312.2	2352.3	2205.5	2009.6	1911.7	1582.2	923.2	429.0
105°	2786.2	2700.0	2786.2	2872.6	2894.1	2564.8	2125.8	1906.3	1587.2	949.0	470.5
107.5°	3201.9	3222.8	3201.9	3181.1	3175.9	2716.6	2104.1	1797.9	1516.6	953.8	531.9
110°	3360.5	3450.4	3360.5	3270.6	3248.1	2734.6	2050.0	1707.6	1453.9	946.7	566.2

TEST NUMBER: P935444

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3374.6	3512.6	3374.6	3236.6	3202.0	2676.4	1975.8	1625.4	1399.3	946.9	607.7
115°	3285.1	3476.5	3285.1	3093.7	3045.8	2539.5	1864.5	1527.0	1336.6	955.7	670.0
117.5°	3095.4	3307.7	3095.4	2883.1	2830.0	2373.1	1763.9	1459.3	1297.3	973.5	730.5
120°	2942.5	3148.7	2942.5	2736.2	2684.6	2267.1	1710.5	1432.1	1284.1	987.8	765.7
122.5°	2793.6	2997.1	2793.6	2590.1	2539.3	2163.3	1662.0	1411.4	1277.1	1008.6	807.2
125°	2581.2	2768.6	2581.2	2393.7	2346.9	2027.6	1601.8	1388.8	1271.4	1036.6	860.5
127.5°	2390.2	2548.3	2390.2	2232.0	2192.5	1918.3	1552.7	1369.9	1268.1	1064.7	912.1
130°	2277.6	2423.6	2277.6	2131.5	2095.0	1850.9	1525.4	1362.6	1270.1	1085.1	946.3
132.5°	2175.5	2306.3	2175.5	2044.6	2011.9	1793.3	1502.0	1356.3	1271.4	1101.6	974.3
135°	2035.5	2148.3	2035.5	1922.7	1894.5	1711.5	1467.5	1345.5	1270.2	1119.7	1006.9
137.5°	1923.2	2015.5	1923.2	1830.9	1807.8	1653.1	1446.8	1343.6	1278.1	1146.8	1048.4
140°	1846.2	1932.4	1846.2	1759.9	1738.3	1604.6	1426.5	1337.4	1279.4	1163.4	1076.4
142.5°	1782.3	1856.6	1782.3	1708.1	1689.5	1572.1	1415.6	1337.4	1284.0	1177.2	1097.1
145°	1686.6	1742.8	1686.6	1630.4	1616.4	1520.4	1392.3	1328.3	1284.0	1195.3	1128.8
147.5°	1613.2	1659.7	1613.2	1566.6	1555.0	1479.4	1378.7	1328.3	1292.8	1221.8	1168.5
150°	1567.0	1604.6	1567.0	1529.2	1519.8	1455.9	1370.8	1328.3	1297.4	1235.6	1189.3
152.5°	1527.4	1555.9	1527.4	1498.9	1491.8	1437.3	1364.6	1328.3	1300.4	1244.7	1202.8
155°	1481.9	1500.8	1481.9	1463.1	1458.4	1415.0	1357.2	1328.3	1307.0	1264.5	1232.6
157.5°	1446.0	1459.3	1446.0	1432.8	1429.4	1395.7	1350.8	1328.3	1313.6	1284.3	1262.4
160°	1424.5	1432.1	1424.5	1416.9	1415.0	1386.1	1347.6	1328.3	1316.7	1293.4	1276.0
162.5°	1410.5	1417.8	1410.5	1403.3	1401.4	1377.0	1344.5	1328.3	1319.8	1303.0	1290.3
165°	1390.2	1397.9	1390.2	1382.6	1380.7	1363.3	1340.0	1328.3	1324.4	1316.9	1311.2
167.5°	1375.6	1378.9	1375.6	1372.4	1371.6	1360.2	1344.9	1337.4	1334.1	1327.7	1322.9
170°	1371.6	1371.6	1371.6	1371.6	1371.6	1360.2	1344.9	1337.4	1337.2	1336.7	1336.5
172.5°	1360.9	1358.1	1360.9	1363.8	1364.5	1355.4	1343.4	1337.4	1337.4	1337.4	1337.4
175°	1354.5	1354.5	1354.5	1354.5	1354.5	1348.8	1341.2	1337.4	1339.2	1342.8	1345.5
177.5°	1348.7	1345.5	1348.7	1351.9	1352.7	1348.2	1342.1	1339.2	1340.6	1343.4	1345.5
180°	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5

TEST NUMBER: P935444

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1236.4	1236.4	1236.4	1236.4	1236.4	1236.4	1236.4	1236.4	1236.4	1236.4	1236.4
2.5°	1253.9	1246.8	1246.8	1235.1	1230.5	1227.0	1221.1	1203.6	1198.9	1194.3	1201.2
5°	1264.4	1251.5	1242.2	1221.1	1203.6	1196.6	1174.4	1132.2	1104.2	1083.1	1071.4
7.5°	1266.7	1250.4	1232.8	1200.1	1158.0	1139.2	1071.4	994.2	973.2	954.4	942.8
10°	1264.4	1245.7	1221.1	1172.0	1072.6	1039.8	972.0	921.7	908.8	905.3	908.8
12.5°	1256.3	1238.6	1204.7	1122.9	983.7	961.5	921.7	892.4	890.1	895.9	927.6
15°	1242.2	1225.8	1186.1	1057.3	934.6	918.2	890.1	879.6	892.4	933.4	1028.1
17.5°	1228.2	1209.4	1160.3	993.1	897.1	885.5	865.6	886.6	959.2	1014.1	1045.7
20°	1209.4	1187.2	1131.0	946.2	870.2	859.7	850.3	945.1	1000.0	1019.9	1037.5
22.5°	1187.2	1163.8	1091.3	913.5	842.1	834.0	839.9	977.8	1000.0	1014.1	1029.3
25°	1158.0	1138.1	1044.5	887.8	820.0	810.6	832.8	974.3	987.2	990.7	1021.2
27.5°	1131.0	1105.3	995.4	864.4	793.0	789.5	838.6	959.2	968.5	972.0	1004.8
30°	1098.3	1059.7	940.4	839.9	764.9	763.8	839.9	940.4	938.0	947.5	980.2
32.5°	1064.4	991.9	878.4	809.4	738.1	736.9	831.7	912.3	910.0	922.9	947.5
35°	1032.8	939.3	794.2	774.3	704.2	705.3	811.8	879.6	880.8	892.4	907.7
37.5°	1000.0	893.7	701.8	735.7	671.4	671.4	784.8	849.2	846.8	850.3	871.4
40°	961.5	822.2	619.9	685.4	640.9	637.5	752.1	816.4	808.2	807.1	836.3
42.5°	920.5	743.9	559.1	618.8	605.9	601.2	712.4	776.6	761.5	764.9	802.4
45°	876.0	722.8	512.3	522.9	569.6	566.1	669.0	731.0	720.5	729.9	768.4
47.5°	831.7	680.7	497.1	433.9	531.1	529.8	621.1	686.6	680.7	690.1	731.0
50°	770.8	634.0	495.9	371.9	487.7	492.4	563.8	643.3	643.3	651.5	694.7
52.5°	692.5	576.7	450.3	336.9	437.4	451.5	513.5	605.9	608.2	616.4	655.0
55°	621.1	517.0	417.5	309.9	377.8	408.2	464.4	567.3	572.0	580.2	615.2
57.5°	555.6	430.4	410.6	278.4	322.8	352.0	421.1	529.8	532.2	539.2	573.1
60°	485.4	311.1	376.6	244.4	274.9	297.1	381.3	485.4	493.6	498.3	527.5
62.5°	405.8	225.8	341.6	221.1	251.5	256.1	348.6	443.3	453.8	457.4	474.9
65°	288.9	189.5	290.0	201.2	226.9	228.1	313.5	400.0	409.4	415.3	428.1
67.5°	195.3	154.4	221.1	182.4	208.2	209.4	279.6	349.8	362.6	367.3	375.5
70°	135.7	102.9	163.8	162.5	187.1	189.5	243.3	304.1	315.9	319.3	324.0
72.5°	99.4	83.0	135.7	146.2	164.9	167.3	205.9	252.6	264.3	267.9	270.2
75°	76.0	87.7	110.0	127.5	140.4	141.5	168.4	205.9	214.1	216.4	217.6
77.5°	60.8	81.9	80.8	102.9	114.6	112.3	132.2	159.1	166.1	166.1	166.1
80°	45.6	64.4	60.8	73.7	84.2	81.9	94.7	113.5	115.8	118.2	116.9
82.5°	33.9	40.9	40.9	46.8	56.2	53.8	63.1	73.7	73.7	73.7	76.0
85°	21.0	23.4	18.7	24.6	31.6	30.4	35.1	39.8	40.9	40.9	38.6
87.5°	12.9	10.6	5.8	9.3	14.0	14.0	16.4	17.5	16.4	16.4	16.4
90°	23.5	16.3	9.1	16.3	23.5	25.3	39.8	59.0	68.6	61.0	45.7
92.5°	159.0	97.5	36.1	97.5	159.0	174.3	245.0	339.3	386.5	338.7	243.2
95°	311.5	199.1	86.7	199.1	311.5	339.6	602.9	954.1	1129.6	1008.1	764.9
97.5°	348.2	249.1	149.9	249.1	348.2	373.0	812.1	1397.7	1690.4	1613.6	1459.9
100°	378.5	288.6	198.6	288.6	378.5	401.0	888.3	1538.0	1862.9	1868.5	1879.8
102.5°	407.9	324.0	240.2	324.0	407.9	429.0	923.2	1582.2	1911.7	2009.6	2205.5
105°	452.7	381.7	310.6	381.7	452.7	470.5	949.0	1587.2	1906.3	2125.8	2564.8
107.5°	515.3	449.1	382.9	449.1	515.3	531.9	953.8	1516.6	1797.9	2104.1	2716.6
110°	551.3	491.5	431.7	491.5	551.3	566.2	946.7	1453.9	1707.6	2050.0	2734.6

TEST NUMBER: P935444

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	593.5	536.5	479.5	536.5	593.5	607.7	946.9	1399.3	1625.4	1975.8	2676.4
115°	656.8	604.3	551.7	604.3	656.8	670.0	955.7	1336.6	1527.0	1864.5	2539.5
117.5°	718.6	670.9	623.1	670.9	718.6	730.5	973.5	1297.3	1459.3	1763.9	2373.1
120°	754.5	709.6	664.6	709.6	754.5	765.7	987.8	1284.1	1432.1	1710.5	2267.1
122.5°	795.9	750.6	705.2	750.6	795.9	807.2	1008.6	1277.1	1411.4	1662.0	2163.3
125°	850.2	808.9	767.6	808.9	850.2	860.5	1036.6	1271.4	1388.8	1601.8	2027.6
127.5°	901.6	859.9	818.1	859.9	901.6	912.1	1064.7	1268.1	1369.9	1552.7	1918.3
130°	935.1	890.2	845.2	890.2	935.1	946.3	1085.1	1270.1	1362.6	1525.4	1850.9
132.5°	963.1	918.2	873.2	918.2	963.1	974.3	1101.6	1271.4	1356.3	1502.0	1793.3
135°	996.6	955.7	914.8	955.7	996.6	1006.9	1119.7	1270.2	1345.5	1467.5	1711.5
137.5°	1038.2	997.7	957.1	997.7	1038.2	1048.4	1146.8	1278.1	1343.6	1446.8	1653.1
140°	1067.0	1029.7	992.4	1029.7	1067.0	1076.4	1163.4	1279.4	1337.4	1426.5	1604.6
142.5°	1088.5	1054.0	1019.5	1054.0	1088.5	1097.1	1177.2	1284.0	1337.4	1415.6	1572.1
145°	1121.3	1091.1	1061.0	1091.1	1121.3	1128.8	1195.3	1284.0	1328.3	1392.3	1520.4
147.5°	1161.2	1131.9	1102.6	1131.9	1161.2	1168.5	1221.8	1292.8	1328.3	1378.7	1479.4
150°	1182.7	1156.1	1129.6	1156.1	1182.7	1189.3	1235.6	1297.4	1328.3	1370.8	1455.9
152.5°	1197.7	1177.7	1157.6	1177.7	1197.7	1202.8	1244.7	1300.4	1328.3	1364.6	1437.3
155°	1228.9	1214.0	1199.2	1214.0	1228.9	1232.6	1264.5	1307.0	1328.3	1357.2	1415.0
157.5°	1258.8	1244.3	1229.9	1244.3	1258.8	1262.4	1284.3	1313.6	1328.3	1350.8	1395.7
160°	1273.2	1261.9	1250.7	1261.9	1273.2	1276.0	1293.4	1316.7	1328.3	1347.6	1386.1
162.5°	1288.3	1279.8	1271.4	1279.8	1288.3	1290.3	1303.0	1319.8	1328.3	1344.5	1377.0
165°	1309.3	1301.7	1294.0	1301.7	1309.3	1311.2	1316.9	1324.4	1328.3	1340.0	1363.3
167.5°	1322.0	1318.3	1314.8	1318.3	1322.0	1322.9	1327.7	1334.1	1337.4	1344.9	1360.2
170°	1335.6	1331.9	1328.3	1331.9	1335.6	1336.5	1336.7	1337.2	1337.4	1344.9	1360.2
172.5°	1337.2	1336.3	1335.5	1336.3	1337.2	1337.4	1337.4	1337.4	1337.4	1343.4	1355.4
175°	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1342.8	1339.2	1337.4	1341.2	1348.8
177.5°	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1343.4	1340.6	1339.2	1342.1	1348.2
180°	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5

TEST NUMBER: P935444

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1236.4	1236.4	1236.4	1236.4	1236.4	1236.4	1236.4	1236.4	1236.4	1236.4	1236.4
2.5°	1193.0	1189.5	1194.3	1181.3	1194.3	1189.5	1193.0	1201.2	1194.3	1198.9	1203.6
5°	1046.9	1041.0	1022.3	1007.1	1022.3	1041.0	1046.9	1071.4	1083.1	1104.2	1132.2
7.5°	935.7	931.1	926.4	917.0	926.4	931.1	935.7	942.8	954.4	973.2	994.2
10°	911.2	912.3	919.4	918.2	919.4	912.3	911.2	908.8	905.3	908.8	921.7
12.5°	974.3	984.9	1023.4	1021.2	1023.4	984.9	974.3	927.6	895.9	890.1	892.4
15°	1046.9	1050.4	1058.6	1059.7	1058.6	1050.4	1046.9	1028.1	933.4	892.4	879.6
17.5°	1053.9	1055.1	1060.9	1060.9	1060.9	1055.1	1053.9	1045.7	1014.1	959.2	886.6
20°	1048.0	1050.4	1062.1	1064.4	1062.1	1050.4	1048.0	1037.5	1019.9	1000.0	945.1
22.5°	1045.7	1050.4	1059.7	1058.6	1059.7	1050.4	1045.7	1029.3	1014.1	1000.0	977.8
25°	1034.0	1034.0	1035.2	1036.3	1035.2	1034.0	1034.0	1021.2	990.7	987.2	974.3
27.5°	1009.4	1011.7	1018.8	1017.6	1018.8	1011.7	1009.4	1004.8	972.0	968.5	959.2
30°	987.2	984.9	979.0	974.3	979.0	984.9	987.2	980.2	947.5	938.0	940.4
32.5°	949.7	943.9	938.0	934.6	938.0	943.9	949.7	947.5	922.9	910.0	912.3
35°	905.3	906.5	905.3	901.8	905.3	906.5	905.3	907.7	892.4	880.8	879.6
37.5°	873.8	876.0	874.9	870.2	874.9	876.0	873.8	871.4	850.3	846.8	849.2
40°	841.0	842.1	841.0	837.5	841.0	842.1	841.0	836.3	807.1	808.2	816.4
42.5°	809.4	808.2	804.7	802.4	804.7	808.2	809.4	802.4	764.9	761.5	776.6
45°	773.1	774.3	767.3	763.8	767.3	774.3	773.1	768.4	729.9	720.5	731.0
47.5°	736.9	736.9	731.0	727.5	731.0	736.9	736.9	731.0	690.1	680.7	686.6
50°	698.3	697.1	688.9	687.8	688.9	697.1	698.3	694.7	651.5	643.3	643.3
52.5°	653.9	653.9	655.0	657.3	655.0	653.9	653.9	655.0	616.4	608.2	605.9
55°	615.2	616.4	624.6	626.9	624.6	616.4	615.2	615.2	580.2	572.0	567.3
57.5°	575.5	575.5	581.3	581.3	581.3	575.5	575.5	573.1	539.2	532.2	529.8
60°	529.8	532.2	536.9	535.7	536.9	532.2	529.8	527.5	498.3	493.6	485.4
62.5°	481.9	484.2	485.4	483.1	485.4	484.2	481.9	474.9	457.4	453.8	443.3
65°	431.6	433.9	435.1	432.8	435.1	433.9	431.6	428.1	415.3	409.4	400.0
67.5°	380.1	379.0	377.8	382.5	377.8	379.0	380.1	375.5	367.3	362.6	349.8
70°	327.5	327.5	326.3	328.7	326.3	327.5	327.5	324.0	319.3	315.9	304.1
72.5°	271.4	270.2	274.9	271.4	274.9	270.2	271.4	270.2	267.9	264.3	252.6
75°	216.4	218.7	216.4	219.9	216.4	218.7	216.4	217.6	216.4	214.1	205.9
77.5°	164.9	167.3	164.9	164.9	164.9	167.3	164.9	166.1	166.1	166.1	159.1
80°	116.9	115.8	115.8	114.6	115.8	115.8	116.9	116.9	118.2	115.8	113.5
82.5°	74.8	73.7	73.7	76.0	73.7	73.7	74.8	76.0	73.7	73.7	73.7
85°	40.9	42.1	39.8	39.8	39.8	42.1	40.9	38.6	40.9	40.9	39.8
87.5°	15.2	14.0	14.0	14.0	14.0	14.0	15.2	16.4	16.4	16.4	17.5
90°	34.3	34.3	34.3	34.3	34.3	34.3	34.3	45.7	61.0	68.6	59.0
92.5°	171.5	164.7	137.4	110.1	137.4	164.7	171.5	243.2	338.7	386.5	339.3
95°	582.4	561.8	479.1	396.4	479.1	561.8	582.4	764.9	1008.1	1129.6	954.1
97.5°	1344.6	1305.3	1147.9	990.6	1147.9	1305.3	1344.6	1459.9	1613.6	1690.4	1397.7
100°	1888.2	1841.4	1653.9	1466.5	1653.9	1841.4	1888.2	1879.8	1868.5	1862.9	1538.0
102.5°	2352.3	2312.2	2151.7	1991.1	2151.7	2312.2	2352.3	2205.5	2009.6	1911.7	1582.2
105°	2894.1	2872.6	2786.2	2700.0	2786.2	2872.6	2894.1	2564.8	2125.8	1906.3	1587.2
107.5°	3175.9	3181.1	3201.9	3222.8	3201.9	3181.1	3175.9	2716.6	2104.1	1797.9	1516.6
110°	3248.1	3270.6	3360.5	3450.4	3360.5	3270.6	3248.1	2734.6	2050.0	1707.6	1453.9

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3202.0	3236.6	3374.6	3512.6	3374.6	3236.6	3202.0	2676.4	1975.8	1625.4	1399.3
115°	3045.8	3093.7	3285.1	3476.5	3285.1	3093.7	3045.8	2539.5	1864.5	1527.0	1336.6
117.5°	2830.0	2883.1	3095.4	3307.7	3095.4	2883.1	2830.0	2373.1	1763.9	1459.3	1297.3
120°	2684.6	2736.2	2942.5	3148.7	2942.5	2736.2	2684.6	2267.1	1710.5	1432.1	1284.1
122.5°	2539.3	2590.1	2793.6	2997.1	2793.6	2590.1	2539.3	2163.3	1662.0	1411.4	1277.1
125°	2346.9	2393.7	2581.2	2768.6	2581.2	2393.7	2346.9	2027.6	1601.8	1388.8	1271.4
127.5°	2192.5	2232.0	2390.2	2548.3	2390.2	2232.0	2192.5	1918.3	1552.7	1369.9	1268.1
130°	2095.0	2131.5	2277.6	2423.6	2277.6	2131.5	2095.0	1850.9	1525.4	1362.6	1270.1
132.5°	2011.9	2044.6	2175.5	2306.3	2175.5	2044.6	2011.9	1793.3	1502.0	1356.3	1271.4
135°	1894.5	1922.7	2035.5	2148.3	2035.5	1922.7	1894.5	1711.5	1467.5	1345.5	1270.2
137.5°	1807.8	1830.9	1923.2	2015.5	1923.2	1830.9	1807.8	1653.1	1446.8	1343.6	1278.1
140°	1738.3	1759.9	1846.2	1932.4	1846.2	1759.9	1738.3	1604.6	1426.5	1337.4	1279.4
142.5°	1689.5	1708.1	1782.3	1856.6	1782.3	1708.1	1689.5	1572.1	1415.6	1337.4	1284.0
145°	1616.4	1630.4	1686.6	1742.8	1686.6	1630.4	1616.4	1520.4	1392.3	1328.3	1284.0
147.5°	1555.0	1566.6	1613.2	1659.7	1613.2	1566.6	1555.0	1479.4	1378.7	1328.3	1292.8
150°	1519.8	1529.2	1567.0	1604.6	1567.0	1529.2	1519.8	1455.9	1370.8	1328.3	1297.4
152.5°	1491.8	1498.9	1527.4	1555.9	1527.4	1498.9	1491.8	1437.3	1364.6	1328.3	1300.4
155°	1458.4	1463.1	1481.9	1500.8	1481.9	1463.1	1458.4	1415.0	1357.2	1328.3	1307.0
157.5°	1429.4	1432.8	1446.0	1459.3	1446.0	1432.8	1429.4	1395.7	1350.8	1328.3	1313.6
160°	1415.0	1416.9	1424.5	1432.1	1424.5	1416.9	1415.0	1386.1	1347.6	1328.3	1316.7
162.5°	1401.4	1403.3	1410.5	1417.8	1410.5	1403.3	1401.4	1377.0	1344.5	1328.3	1319.8
165°	1380.7	1382.6	1390.2	1397.9	1390.2	1382.6	1380.7	1363.3	1340.0	1328.3	1324.4
167.5°	1371.6	1372.4	1375.6	1378.9	1375.6	1372.4	1371.6	1360.2	1344.9	1337.4	1334.1
170°	1371.6	1371.6	1371.6	1371.6	1371.6	1371.6	1371.6	1360.2	1344.9	1337.4	1337.2
172.5°	1364.5	1363.8	1360.9	1358.1	1360.9	1363.8	1364.5	1355.4	1343.4	1337.4	1337.4
175°	1354.5	1354.5	1354.5	1354.5	1354.5	1354.5	1354.5	1348.8	1341.2	1337.4	1339.2
177.5°	1352.7	1351.9	1348.7	1345.5	1348.7	1351.9	1352.7	1348.2	1342.1	1339.2	1340.6
180°	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1236.4	1236.4	1236.4	1236.4	1236.4
2.5°	1221.1	1227.0	1230.5	1235.1	1246.8
5°	1174.4	1196.6	1203.6	1221.1	1242.2
7.5°	1071.4	1139.2	1158.0	1200.1	1232.8
10°	972.0	1039.8	1072.6	1172.0	1221.1
12.5°	921.7	961.5	983.7	1122.9	1204.7
15°	890.1	918.2	934.6	1057.3	1186.1
17.5°	865.6	885.5	897.1	993.1	1160.3
20°	850.3	859.7	870.2	946.2	1131.0
22.5°	839.9	834.0	842.1	913.5	1091.3
25°	832.8	810.6	820.0	887.8	1044.5
27.5°	838.6	789.5	793.0	864.4	995.4
30°	839.9	763.8	764.9	839.9	940.4
32.5°	831.7	736.9	738.1	809.4	878.4
35°	811.8	705.3	704.2	774.3	794.2
37.5°	784.8	671.4	671.4	735.7	701.8
40°	752.1	637.5	640.9	685.4	619.9
42.5°	712.4	601.2	605.9	618.8	559.1
45°	669.0	566.1	569.6	522.9	512.3
47.5°	621.1	529.8	531.1	433.9	497.1
50°	563.8	492.4	487.7	371.9	495.9
52.5°	513.5	451.5	437.4	336.9	450.3
55°	464.4	408.2	377.8	309.9	417.5
57.5°	421.1	352.0	322.8	278.4	410.6
60°	381.3	297.1	274.9	244.4	376.6
62.5°	348.6	256.1	251.5	221.1	341.6
65°	313.5	228.1	226.9	201.2	290.0
67.5°	279.6	209.4	208.2	182.4	221.1
70°	243.3	189.5	187.1	162.5	163.8
72.5°	205.9	167.3	164.9	146.2	135.7
75°	168.4	141.5	140.4	127.5	110.0
77.5°	132.2	112.3	114.6	102.9	80.8
80°	94.7	81.9	84.2	73.7	60.8
82.5°	63.1	53.8	56.2	46.8	40.9
85°	35.1	30.4	31.6	24.6	18.7
87.5°	16.4	14.0	14.0	9.3	5.8
90°	39.8	25.3	23.5	16.3	9.1
92.5°	245.0	174.3	159.0	97.5	36.1
95°	602.9	339.6	311.5	199.1	86.7
97.5°	812.1	373.0	348.2	249.1	149.9
100°	888.3	401.0	378.5	288.6	198.6
102.5°	923.2	429.0	407.9	324.0	240.2
105°	949.0	470.5	452.7	381.7	310.6
107.5°	953.8	531.9	515.3	449.1	382.9
110°	946.7	566.2	551.3	491.5	431.7

TEST NUMBER: P935444

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	946.9	607.7	593.5	536.5	479.5
115°	955.7	670.0	656.8	604.3	551.7
117.5°	973.5	730.5	718.6	670.9	623.1
120°	987.8	765.7	754.5	709.6	664.6
122.5°	1008.6	807.2	795.9	750.6	705.2
125°	1036.6	860.5	850.2	808.9	767.6
127.5°	1064.7	912.1	901.6	859.9	818.1
130°	1085.1	946.3	935.1	890.2	845.2
132.5°	1101.6	974.3	963.1	918.2	873.2
135°	1119.7	1006.9	996.6	955.7	914.8
137.5°	1146.8	1048.4	1038.2	997.7	957.1
140°	1163.4	1076.4	1067.0	1029.7	992.4
142.5°	1177.2	1097.1	1088.5	1054.0	1019.5
145°	1195.3	1128.8	1121.3	1091.1	1061.0
147.5°	1221.8	1168.5	1161.2	1131.9	1102.6
150°	1235.6	1189.3	1182.7	1156.1	1129.6
152.5°	1244.7	1202.8	1197.7	1177.7	1157.6
155°	1264.5	1232.6	1228.9	1214.0	1199.2
157.5°	1284.3	1262.4	1258.8	1244.3	1229.9
160°	1293.4	1276.0	1273.2	1261.9	1250.7
162.5°	1303.0	1290.3	1288.3	1279.8	1271.4
165°	1316.9	1311.2	1309.3	1301.7	1294.0
167.5°	1327.7	1322.9	1322.0	1318.3	1314.8
170°	1336.7	1336.5	1335.6	1331.9	1328.3
172.5°	1337.4	1337.4	1337.2	1336.3	1335.5
175°	1342.8	1345.5	1345.5	1345.5	1345.5
177.5°	1343.4	1345.5	1345.5	1345.5	1345.5
180°	1345.5	1345.5	1345.5	1345.5	1345.5

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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	8.22	8.91	9.35	10.03	11.60	11.06	11.75	12.19	12.87	14.44
	3H	8.68	9.30	9.82	10.43	12.01	12.39	13.01	13.53	14.14	15.72
	4H	8.87	9.45	10.02	10.58	12.17	12.83	13.41	13.98	14.55	16.13
	6H	8.98	9.51	10.13	10.65	12.25	13.11	13.64	14.27	14.78	16.38
	8H	8.97	9.48	10.13	10.63	12.22	13.18	13.69	14.34	14.84	16.43
	12H	8.94	9.42	10.10	10.57	12.18	13.21	13.70	14.38	14.84	16.46
4H	2H	9.23	9.82	10.39	10.95	12.54	11.45	12.03	12.60	13.16	14.75
	3H	10.24	10.73	11.41	11.89	13.49	12.94	13.42	14.10	14.58	16.18
	4H	10.51	10.96	11.68	12.11	13.73	13.46	13.91	14.62	15.05	16.67
	6H	10.63	11.01	11.80	12.18	13.79	13.82	14.20	14.99	15.37	16.98
	8H	10.63	10.99	11.80	12.15	13.77	13.92	14.28	15.09	15.44	17.06
	12H	10.59	10.91	11.77	12.08	13.71	13.97	14.29	15.16	15.47	17.10
8H	4H	10.95	11.31	12.12	12.47	14.10	13.57	13.93	14.74	15.09	16.71
	6H	11.21	11.50	12.40	12.71	14.33	14.00	14.30	15.19	15.50	17.12
	8H	11.25	11.50	12.44	12.69	14.33	14.15	14.41	15.35	15.59	17.23
	12H	11.22	11.45	12.42	12.63	14.30	14.24	14.47	15.44	15.65	17.32
12H	4H	10.95	11.27	12.14	12.45	14.08	13.53	13.85	14.71	15.02	16.65
	6H	11.27	11.52	12.46	12.71	14.35	14.00	14.25	15.19	15.43	17.08
	8H	11.33	11.55	12.52	12.73	14.40	14.15	14.38	15.35	15.56	17.23