

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: P936060

Luminaire Tested: SQ4-FA-150U-100D-93050-1D-UNV-STD-W-4-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P936060
REPORT IS A COMBINATION OF REPORTS P933778 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-100D-93050-1D-UNV-STD-W-4-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

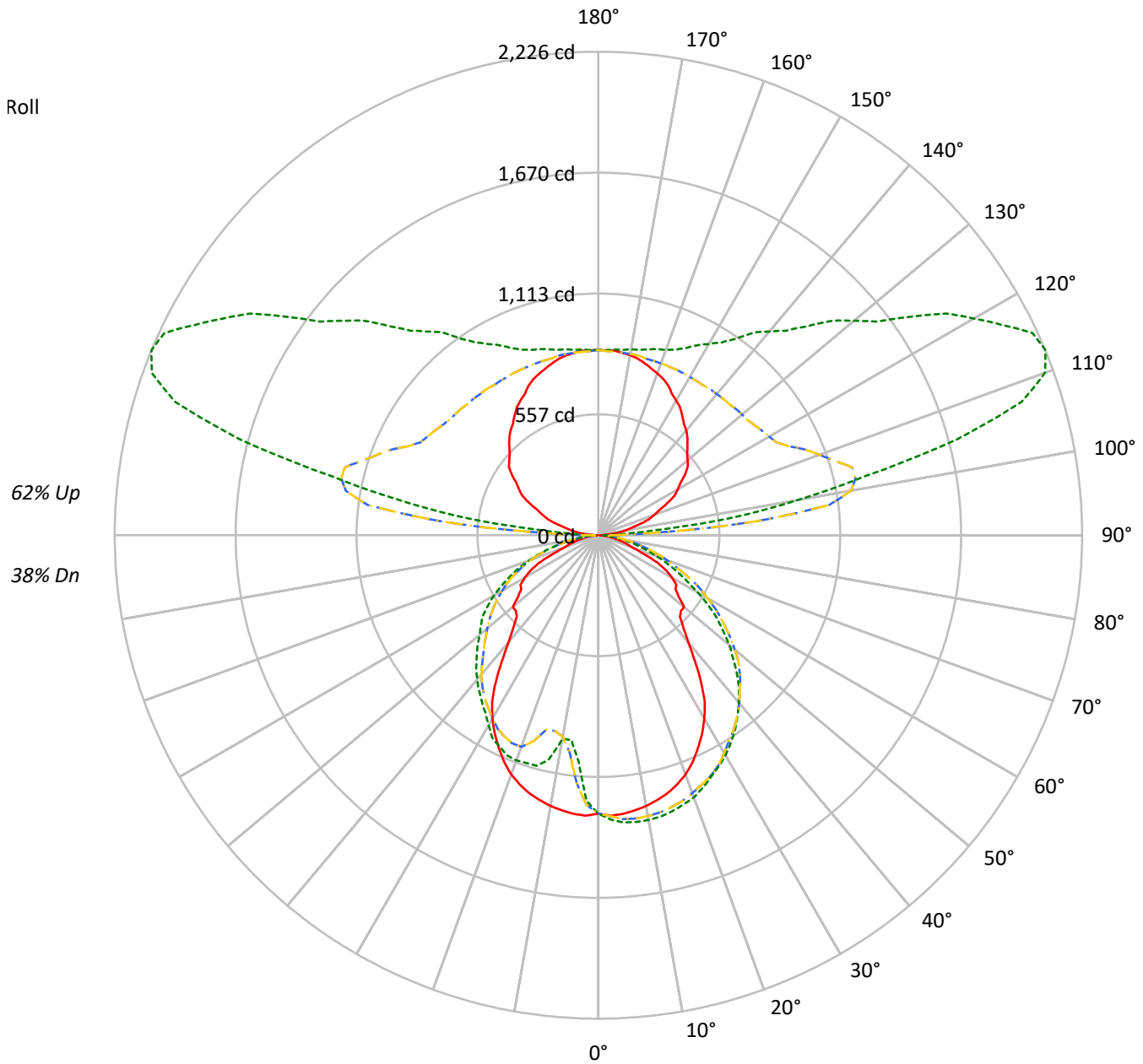
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8854.9 lumens
Efficiency: N/A
Efficacy: 122.3 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 72.4
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

TEST NUMBER: P936060
CATALOG NUMBER: SQ4-FA-150U-100D-93050-1D-UNV-STD-W-4-5000K

Luminous Intensity Polar Plot



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



TEST NUMBER: P936060

CATALOG NUMBER: SQ4-FA-150U-100D-93050-1D-UNV-STD-W-4-5000K

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	104	104	104	104	94	94	94	94	76	76	76	60	60	60	45	45	45	38			38
1	95	91	87	84	86	83	79	76	67	65	63	53	51	50	40	39	38	32			32
2	87	79	73	68	78	72	67	63	59	55	52	46	44	42	35	33	32	27			27
3	79	70	62	57	71	63	57	52	52	47	44	41	38	35	31	29	27	23			23
4	72	62	54	48	65	56	49	44	46	41	37	36	33	30	28	25	23	19			19
5	66	55	47	41	60	50	43	38	41	36	32	33	29	26	25	22	20	17			17
6	61	49	41	35	55	45	38	33	37	32	28	29	26	23	22	20	18	15			15
7	56	44	36	31	51	40	34	29	33	28	24	27	23	20	20	18	16	13			13
8	52	40	32	27	47	37	30	25	30	25	21	24	21	18	19	16	14	12			12
9	48	36	29	24	44	33	27	22	28	23	19	22	19	16	17	15	13	10			10
10	45	33	26	21	41	31	24	20	25	21	17	21	17	14	16	13	11	9			9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11892	11892	11892	11892
5°	11968	12005	11968	9440
10°	11875	11825	11875	8454
15°	11732	11569	11732	9660
20°	11473	11265	11473	9680
25°	10959	10822	10959	9476
30°	10297	10456	10297	9025
35°	9166	9991	9166	8531
40°	7625	9444	7625	8156
45°	6800	8803	6800	7726
50°	7207	8039	7207	7295
55°	6762	7216	6762	7045
60°	6945	6128	6945	6452
65°	6266	5065	6266	5664
70°	4311	4037	4311	4747
75°	3738	2983	3738	3574
80°	2948	1973	2948	2148
85°	1606	1045	1606	888

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 10441 cd/sqm



TEST NUMBER: P936060

CATALOG NUMBER: SQ4-FA-150U-100D-93050-1D-UNV-STD-W-4-5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.7	1.3
10°-20°	328.5	3.7
20°-30°	507.8	5.7
30°-40°	606.1	6.8
40°-50°	609.7	6.9
50°-60°	530.5	6.0
60°-70°	376.1	4.2
70°-80°	199.0	2.2
80°-90°	52.8	0.6
90°-100°	415.7	4.7
100°-110°	1093.0	12.3
110°-120°	1133.3	12.8
120°-130°	909.0	10.3
130°-140°	713.2	8.1
140°-150°	547.5	6.2
150°-160°	394.3	4.5
160°-170°	241.2	2.7
170°-180°	81.5	0.9
0°-30°	951.9	10.8
0°-40°	1558.1	17.6
0°-60°	2698.3	30.5
0°-90°	3326.2	37.6
90°-120°	2642.0	29.8
90°-150°	4811.7	54.3
90°-180°	5529.0	62.4
0°-180°	8854.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1282	1282	1282	1282	1282	
5°	1288	1328	1288	1044	1288	122
15°	1229	1316	1229	1098	1229	346
25°	1083	1227	1083	1074	1083	497
35°	823	1095	823	935	823	509
45°	531	902	531	792	531	425
55°	433	666	433	650	433	398
65°	301	401	301	449	301	287
75°	114	190	114	228	114	120
85°	19	48	19	41	19	26
90°	6	22	6	22	6	6
95°	55	251	55	251	55	61
105°	197	1711	197	1711	197	209
115°	350	2204	350	2204	350	345
125°	487	1755	487	1755	487	432
135°	580	1362	580	1362	580	449
145°	673	1105	673	1105	673	421
155°	760	951	760	951	760	349
165°	820	886	820	886	820	231
175°	853	859	853	859	853	81
180°	853	853	853	853	853	



TEST NUMBER: P936060

CATALOG NUMBER: SQ4-FA-150U-100D-93050-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1281.6	1281.6	1281.6	1281.6	1281.6	1281.6	1281.6	1281.6	1281.6	1281.6	1281.6
2.5°	1292.5	1292.5	1299.8	1302.2	1302.2	1298.5	1295.0	1298.5	1309.5	1313.1	1311.9
5°	1287.7	1297.3	1310.7	1313.1	1315.5	1314.3	1311.9	1314.3	1326.4	1328.9	1330.1
7.5°	1278.0	1296.2	1313.1	1316.8	1320.4	1316.8	1315.5	1318.0	1330.1	1332.5	1332.5
10°	1265.9	1291.3	1310.7	1313.1	1316.8	1313.1	1313.1	1318.0	1330.1	1332.5	1333.8
12.5°	1248.9	1284.0	1302.2	1304.7	1309.5	1308.3	1307.1	1311.9	1324.1	1326.4	1326.4
15°	1229.4	1270.7	1287.7	1290.1	1298.5	1296.2	1296.2	1301.0	1314.3	1318.0	1316.8
17.5°	1202.8	1253.8	1273.1	1276.8	1282.8	1281.6	1282.8	1287.7	1299.8	1302.2	1303.4
20°	1172.4	1230.7	1253.8	1257.3	1263.4	1263.4	1263.4	1269.4	1281.6	1286.4	1286.4
22.5°	1131.2	1206.4	1230.7	1233.1	1240.4	1240.4	1242.8	1251.3	1262.2	1263.4	1263.4
25°	1082.8	1179.8	1200.3	1207.7	1214.9	1218.5	1222.2	1227.0	1230.7	1229.4	1230.7
27.5°	1031.9	1145.8	1172.4	1177.3	1187.0	1190.7	1195.5	1196.8	1198.0	1201.5	1199.2
30°	974.9	1098.5	1138.5	1143.4	1159.1	1161.5	1156.8	1159.1	1165.2	1167.7	1170.1
32.5°	910.5	1028.2	1103.3	1114.3	1128.9	1121.5	1120.3	1124.0	1133.7	1133.7	1136.1
35°	823.3	973.7	1070.7	1080.3	1091.2	1082.8	1087.6	1088.8	1094.9	1098.5	1097.3
37.5°	727.5	926.3	1036.7	1044.0	1052.4	1041.5	1048.8	1052.4	1057.3	1054.9	1054.9
40°	642.7	852.4	996.7	1001.5	1008.8	1000.3	1007.5	1010.0	1012.4	1010.0	1008.8
42.5°	579.6	771.1	954.2	960.3	955.4	961.5	963.9	968.8	965.1	960.3	960.3
45°	531.1	749.3	908.2	915.4	908.2	917.9	921.5	921.5	910.5	908.2	907.0
47.5°	515.3	705.7	862.1	862.1	858.4	870.5	876.7	868.1	857.2	853.6	853.6
50°	514.1	657.2	799.0	794.2	811.2	825.7	819.7	811.2	802.7	789.3	789.3
52.5°	466.8	597.8	717.8	736.0	762.7	771.1	761.4	753.0	738.4	732.3	727.5
55°	432.9	535.9	643.9	680.2	708.1	719.0	700.8	692.3	670.5	666.9	664.4
57.5°	425.6	446.2	575.9	622.0	656.0	654.8	643.9	628.1	609.9	606.2	605.0
60°	390.4	322.5	503.2	557.8	592.9	589.3	579.6	565.0	548.0	545.7	543.2
62.5°	354.0	234.0	420.8	482.6	532.3	531.1	522.6	500.8	488.7	482.6	477.8
65°	300.7	196.4	299.4	401.3	472.9	475.3	457.1	441.3	428.0	420.8	419.5
67.5°	229.1	160.0	202.4	334.7	415.9	413.4	390.4	383.1	366.2	362.5	355.2
70°	169.8	106.7	140.7	271.6	360.1	354.0	335.9	327.3	311.6	303.1	298.3
72.5°	140.7	86.1	103.1	211.0	303.1	295.9	280.1	270.4	257.0	249.8	244.9
75°	114.0	90.9	78.8	156.4	246.1	241.3	226.8	217.0	206.1	196.4	197.7
77.5°	83.7	84.9	63.0	115.2	195.2	187.9	179.4	167.3	162.4	152.8	152.8
80°	63.0	66.7	47.3	78.8	140.7	140.7	133.3	124.9	116.4	111.6	111.6
82.5°	42.4	42.4	35.1	49.7	95.8	92.1	87.3	84.9	80.0	77.6	77.6
85°	19.4	24.2	21.8	30.3	52.1	54.6	54.6	52.1	50.9	48.5	49.7
87.5°	6.1	10.9	13.3	17.0	26.7	27.9	29.1	29.1	29.1	30.3	30.3
90°	5.7	10.3	14.9	16.1	25.2	37.4	43.5	38.6	29.0	21.7	21.7
92.5°	22.9	61.8	100.8	110.5	155.3	215.0	244.9	214.6	154.2	108.7	104.4
95°	55.0	126.2	197.4	215.2	382.1	604.8	716.1	639.0	484.8	369.2	356.1
97.5°	95.0	157.8	220.7	236.4	514.7	885.9	1071.5	1022.8	925.3	852.3	827.3
100°	125.9	182.9	239.9	254.1	563.0	974.9	1180.8	1184.4	1191.5	1196.9	1167.1
102.5°	152.2	205.5	258.6	271.9	585.2	1002.9	1211.7	1273.8	1397.9	1491.1	1465.7
105°	196.9	242.0	287.0	298.3	601.5	1006.0	1208.2	1347.4	1625.7	1834.5	1820.8
107.5°	242.7	284.7	326.7	337.2	604.7	961.3	1139.6	1333.7	1721.9	2013.1	2016.4
110°	273.6	311.5	349.5	358.9	600.1	921.5	1082.3	1299.4	1733.3	2058.8	2073.1



TEST NUMBER: P936060

CATALOG NUMBER: SQ4-FA-150U-100D-93050-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	303.9	340.1	376.3	385.2	600.3	887.0	1030.3	1252.4	1696.5	2029.7	2051.5
115°	349.7	383.0	416.4	424.7	605.8	847.2	967.9	1181.8	1609.7	1930.6	1961.0
117.5°	395.0	425.3	455.5	463.1	617.1	822.3	924.9	1118.0	1504.2	1793.8	1827.5
120°	421.2	449.8	478.2	485.4	626.1	813.9	907.8	1084.2	1437.0	1701.7	1734.4
122.5°	447.0	475.7	504.5	511.7	639.4	809.6	894.7	1053.5	1371.2	1609.5	1641.8
125°	486.6	512.7	539.0	545.5	657.1	805.9	880.3	1015.2	1285.1	1487.6	1517.3
127.5°	518.6	545.0	571.4	578.1	674.8	803.8	868.3	984.2	1215.9	1389.8	1414.8
130°	535.8	564.2	592.6	599.8	687.8	805.1	863.7	966.9	1173.2	1327.9	1351.0
132.5°	553.5	582.0	610.5	617.6	698.3	805.9	859.7	952.0	1136.7	1275.2	1296.0
135°	579.8	605.8	631.6	638.2	709.7	805.1	852.8	930.2	1084.8	1200.8	1218.7
137.5°	606.7	632.4	658.1	664.5	726.9	810.1	851.7	917.1	1047.8	1145.9	1160.5
140°	629.1	652.8	676.4	682.3	737.5	811.0	847.7	904.1	1017.1	1101.8	1115.5
142.5°	646.2	668.1	689.9	695.4	746.2	813.8	847.7	897.3	996.5	1071.0	1082.7
145°	672.6	691.7	710.7	715.4	757.6	813.9	842.0	882.5	963.7	1024.5	1033.4
147.5°	698.8	717.5	736.0	740.7	774.4	819.5	842.0	873.9	937.7	985.6	992.9
150°	716.1	732.9	749.6	753.8	783.2	822.3	842.0	869.0	922.8	963.3	969.3
152.5°	733.8	746.5	759.2	762.4	788.9	824.3	842.0	865.0	911.1	945.6	950.1
155°	760.1	769.6	778.9	781.3	801.5	828.5	842.0	860.3	897.0	924.4	927.4
157.5°	779.6	788.8	797.8	800.1	814.1	832.7	842.0	856.2	884.7	906.0	908.2
160°	792.7	799.9	807.0	808.8	819.9	834.6	842.0	854.2	878.6	896.9	898.1
162.5°	805.9	811.2	816.6	817.9	825.9	836.7	842.0	852.3	872.9	888.3	889.4
165°	820.2	825.0	829.9	831.1	834.7	839.6	842.0	849.3	864.1	875.1	876.3
167.5°	833.4	835.7	837.9	838.5	841.5	845.7	847.7	852.5	862.2	869.4	870.0
170°	842.0	844.3	846.6	847.1	847.3	847.6	847.7	852.5	862.2	869.4	869.4
172.5°	846.6	847.0	847.6	847.7	847.7	847.7	847.7	851.5	859.1	864.8	864.4
175°	852.8	852.8	852.8	852.8	851.1	848.8	847.7	850.1	854.9	858.6	858.6
177.5°	852.8	852.8	852.8	852.8	851.5	849.8	848.9	850.8	854.6	857.4	856.9
180°	852.8	852.8	852.8	852.8	852.8	852.8	852.8	852.8	852.8	852.8	852.8



TEST NUMBER: P936060

CATALOG NUMBER: SQ4-FA-150U-100D-93050-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1281.6	1281.6	1281.6	1281.6	1281.6	1281.6	1281.6	1281.6	1281.6	1281.6	1281.6
2.5°	1314.3	1310.7	1314.3	1311.9	1313.1	1309.5	1298.5	1295.0	1298.5	1302.2	1302.2
5°	1330.1	1327.7	1330.1	1330.1	1328.9	1326.4	1314.3	1311.9	1314.3	1315.5	1313.1
7.5°	1335.0	1331.3	1335.0	1332.5	1332.5	1330.1	1318.0	1315.5	1316.8	1320.4	1316.8
10°	1335.0	1331.3	1335.0	1333.8	1332.5	1330.1	1318.0	1313.1	1313.1	1316.8	1313.1
12.5°	1328.9	1326.4	1328.9	1326.4	1326.4	1324.1	1311.9	1307.1	1308.3	1309.5	1304.7
15°	1319.2	1315.5	1319.2	1316.8	1318.0	1314.3	1301.0	1296.2	1296.2	1298.5	1290.1
17.5°	1304.7	1299.8	1304.7	1303.4	1302.2	1299.8	1287.7	1282.8	1281.6	1282.8	1276.8
20°	1287.7	1284.0	1287.7	1286.4	1286.4	1281.6	1269.4	1263.4	1263.4	1263.4	1257.3
22.5°	1261.0	1257.3	1261.0	1263.4	1263.4	1262.2	1251.3	1242.8	1240.4	1240.4	1233.1
25°	1230.7	1227.0	1230.7	1230.7	1229.4	1230.7	1227.0	1222.2	1218.5	1214.9	1207.7
27.5°	1201.5	1199.2	1201.5	1199.2	1201.5	1198.0	1196.8	1195.5	1190.7	1187.0	1177.3
30°	1172.4	1170.1	1172.4	1170.1	1167.7	1165.2	1159.1	1156.8	1161.5	1159.1	1143.4
32.5°	1136.1	1133.7	1136.1	1136.1	1133.7	1133.7	1124.0	1120.3	1121.5	1128.9	1114.3
35°	1098.5	1094.9	1098.5	1097.3	1098.5	1094.9	1088.8	1087.6	1082.8	1091.2	1080.3
37.5°	1054.9	1051.2	1054.9	1054.9	1054.9	1057.3	1052.4	1048.8	1041.5	1052.4	1044.0
40°	1010.0	1005.2	1010.0	1008.8	1010.0	1012.4	1010.0	1007.5	1000.3	1008.8	1001.5
42.5°	959.1	957.9	959.1	960.3	960.3	965.1	968.8	963.9	961.5	955.4	960.3
45°	904.5	902.1	904.5	907.0	908.2	910.5	921.5	921.5	917.9	908.2	915.4
47.5°	846.3	840.2	846.3	853.6	853.6	857.2	868.1	876.7	870.5	858.4	862.1
50°	784.4	785.7	784.4	789.3	789.3	802.7	811.2	819.7	825.7	811.2	794.2
52.5°	723.9	722.7	723.9	727.5	732.3	738.4	753.0	761.4	771.1	762.7	736.0
55°	663.2	665.7	663.2	664.4	666.9	670.5	692.3	700.8	719.0	708.1	680.2
57.5°	602.7	599.0	602.7	605.0	606.2	609.9	628.1	643.9	654.8	656.0	622.0
60°	532.3	527.4	532.3	543.2	545.7	548.0	565.0	579.6	589.3	592.9	557.8
62.5°	470.4	462.0	470.4	477.8	482.6	488.7	500.8	522.6	531.1	532.3	482.6
65°	405.0	401.3	405.0	419.5	420.8	428.0	441.3	457.1	475.3	472.9	401.3
67.5°	345.6	345.6	345.6	355.2	362.5	366.2	383.1	390.4	413.4	415.9	334.7
70°	291.0	289.8	291.0	298.3	303.1	311.6	327.3	335.9	354.0	360.1	271.6
72.5°	238.9	237.7	238.9	244.9	249.8	257.0	270.4	280.1	295.9	303.1	211.0
75°	192.8	190.3	192.8	197.7	196.4	206.1	217.0	226.8	241.3	246.1	156.4
77.5°	147.9	147.9	147.9	152.8	152.8	162.4	167.3	179.4	187.9	195.2	115.2
80°	110.3	109.1	110.3	111.6	111.6	116.4	124.9	133.3	140.7	140.7	78.8
82.5°	77.6	75.2	77.6	77.6	77.6	80.0	84.9	87.3	92.1	95.8	49.7
85°	48.5	48.5	48.5	49.7	48.5	50.9	52.1	54.6	54.6	52.1	30.3
87.5°	31.6	30.3	31.6	30.3	30.3	29.1	29.1	29.1	27.9	26.7	17.0
90°	21.7	21.7	21.7	21.7	21.7	29.0	38.6	43.5	37.4	25.2	16.1
92.5°	87.1	69.8	87.1	104.4	108.7	154.2	214.6	244.9	215.0	155.3	110.5
95°	303.7	251.3	303.7	356.1	369.2	484.8	639.0	716.1	604.8	382.1	215.2
97.5°	727.6	627.9	727.6	827.3	852.3	925.3	1022.8	1071.5	885.9	514.7	236.4
100°	1048.4	929.5	1048.4	1167.1	1196.9	1191.5	1184.4	1180.8	974.9	563.0	254.1
102.5°	1363.9	1262.1	1363.9	1465.7	1491.1	1397.9	1273.8	1211.7	1002.9	585.2	271.9
105°	1766.1	1711.4	1766.1	1820.8	1834.5	1625.7	1347.4	1208.2	1006.0	601.5	298.3
107.5°	2029.6	2042.8	2029.6	2016.4	2013.1	1721.9	1333.7	1139.6	961.3	604.7	337.2
110°	2130.1	2187.1	2130.1	2073.1	2058.8	1733.3	1299.4	1082.3	921.5	600.1	358.9



TEST NUMBER: P936060

CATALOG NUMBER: SQ4-FA-150U-100D-93050-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2139.1	2226.5	2139.1	2051.5	2029.7	1696.5	1252.4	1030.3	887.0	600.3	385.2
115°	2082.3	2203.7	2082.3	1961.0	1930.6	1609.7	1181.8	967.9	847.2	605.8	424.7
117.5°	1962.0	2096.6	1962.0	1827.5	1793.8	1504.2	1118.0	924.9	822.3	617.1	463.1
120°	1865.1	1995.9	1865.1	1734.4	1701.7	1437.0	1084.2	907.8	813.9	626.1	485.4
122.5°	1770.8	1899.7	1770.8	1641.8	1609.5	1371.2	1053.5	894.7	809.6	639.4	511.7
125°	1636.1	1754.9	1636.1	1517.3	1487.6	1285.1	1015.2	880.3	805.9	657.1	545.5
127.5°	1515.0	1615.2	1515.0	1414.8	1389.8	1215.9	984.2	868.3	803.8	674.8	578.1
130°	1443.6	1536.2	1443.6	1351.0	1327.9	1173.2	966.9	863.7	805.1	687.8	599.8
132.5°	1378.8	1461.8	1378.8	1296.0	1275.2	1136.7	952.0	859.7	805.9	698.3	617.6
135°	1290.2	1361.7	1290.2	1218.7	1200.8	1084.8	930.2	852.8	805.1	709.7	638.2
137.5°	1219.1	1277.5	1219.1	1160.5	1145.9	1047.8	917.1	851.7	810.1	726.9	664.5
140°	1170.2	1224.8	1170.2	1115.5	1101.8	1017.1	904.1	847.7	811.0	737.5	682.3
142.5°	1129.8	1176.8	1129.8	1082.7	1071.0	996.5	897.3	847.7	813.8	746.2	695.4
145°	1069.1	1104.7	1069.1	1033.4	1024.5	963.7	882.5	842.0	813.9	757.6	715.4
147.5°	1022.5	1052.0	1022.5	992.9	985.6	937.7	873.9	842.0	819.5	774.4	740.7
150°	993.2	1017.1	993.2	969.3	963.3	922.8	869.0	842.0	822.3	783.2	753.8
152.5°	968.2	986.2	968.2	950.1	945.6	911.1	865.0	842.0	824.3	788.9	762.4
155°	939.4	951.3	939.4	927.4	924.4	897.0	860.3	842.0	828.5	801.5	781.3
157.5°	916.5	924.9	916.5	908.2	906.0	884.7	856.2	842.0	832.7	814.1	800.1
160°	902.9	907.8	902.9	898.1	896.9	878.6	854.2	842.0	834.6	819.9	808.8
162.5°	894.0	898.6	894.0	889.4	888.3	872.9	852.3	842.0	836.7	825.9	817.9
165°	881.2	886.0	881.2	876.3	875.1	864.1	849.3	842.0	839.6	834.7	831.1
167.5°	872.0	874.0	872.0	870.0	869.4	862.2	852.5	847.7	845.7	841.5	838.5
170°	869.4	869.4	869.4	869.4	869.4	862.2	852.5	847.7	847.6	847.3	847.1
172.5°	862.6	860.9	862.6	864.4	864.8	859.1	851.5	847.7	847.7	847.7	847.7
175°	858.6	858.6	858.6	858.6	858.6	854.9	850.1	847.7	848.8	851.1	852.8
177.5°	854.8	852.8	854.8	856.9	857.4	854.6	850.8	848.9	849.8	851.5	852.8
180°	852.8	852.8	852.8	852.8	852.8	852.8	852.8	852.8	852.8	852.8	852.8



TEST NUMBER: P936060

CATALOG NUMBER: SQ4-FA-150U-100D-93050-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1281.6	1281.6	1281.6	1281.6	1281.6	1281.6	1281.6	1281.6	1281.6	1281.6	1281.6
2.5°	1299.8	1292.5	1292.5	1280.4	1275.5	1271.9	1265.9	1247.7	1242.8	1238.0	1245.2
5°	1310.7	1297.3	1287.7	1265.9	1247.7	1240.4	1217.3	1173.7	1144.5	1122.8	1110.7
7.5°	1313.1	1296.2	1278.0	1244.0	1200.3	1181.0	1110.7	1030.7	1008.8	989.4	977.3
10°	1310.7	1291.3	1265.9	1214.9	1111.9	1077.9	1007.5	955.4	942.1	938.4	942.1
12.5°	1302.2	1284.0	1248.9	1164.0	1019.7	996.7	955.4	925.1	922.7	928.8	961.5
15°	1287.7	1270.7	1229.4	1096.1	968.8	951.8	922.7	911.8	925.1	967.5	1065.8
17.5°	1273.1	1253.8	1202.8	1029.4	930.0	917.9	897.2	919.1	994.2	1051.2	1084.0
20°	1253.8	1230.7	1172.4	980.9	902.1	891.2	881.4	979.7	1036.7	1057.3	1075.4
22.5°	1230.7	1206.4	1131.2	947.0	873.0	864.5	870.5	1013.7	1036.7	1051.2	1067.0
25°	1200.3	1179.8	1082.8	920.3	850.0	840.2	863.3	1010.0	1023.3	1027.0	1058.5
27.5°	1172.4	1145.8	1031.9	896.0	822.1	818.4	869.3	994.2	1004.0	1007.5	1041.5
30°	1138.5	1098.5	974.9	870.5	793.0	791.8	870.5	974.9	972.4	982.1	1016.1
32.5°	1103.3	1028.2	910.5	839.0	765.1	763.9	862.1	945.8	943.3	956.7	982.1
35°	1070.7	973.7	823.3	802.7	729.9	731.1	841.4	911.8	913.0	925.1	940.9
37.5°	1036.7	926.3	727.5	762.7	696.0	696.0	813.5	880.3	877.9	881.4	903.3
40°	996.7	852.4	642.7	710.5	664.4	660.8	779.7	846.3	837.9	836.7	866.9
42.5°	954.2	771.1	579.6	641.4	628.1	623.2	738.4	805.1	789.3	793.0	831.8
45°	908.2	749.3	531.1	542.0	590.4	586.9	693.5	757.8	746.9	756.6	796.7
47.5°	862.1	705.7	515.3	449.9	550.4	549.2	643.9	711.8	705.7	715.3	757.8
50°	799.0	657.2	514.1	385.6	505.6	510.4	584.4	666.9	666.9	675.3	720.2
52.5°	717.8	597.8	466.8	349.2	453.4	468.0	532.3	628.1	630.5	639.0	679.0
55°	643.9	535.9	432.9	321.3	391.7	423.1	481.3	588.1	592.9	601.4	637.8
57.5°	575.9	446.2	425.6	288.6	334.7	365.0	436.5	549.2	551.7	559.0	594.1
60°	503.2	322.5	390.4	253.4	284.9	308.0	395.3	503.2	511.7	516.5	546.9
62.5°	420.8	234.0	354.0	229.1	260.7	265.6	361.3	459.5	470.4	474.1	492.3
65°	299.4	196.4	300.7	208.6	235.2	236.4	325.0	414.7	424.3	430.4	443.8
67.5°	202.4	160.0	229.1	189.1	215.8	217.0	289.8	362.5	375.9	380.8	389.2
70°	140.7	106.7	169.8	168.6	194.0	196.4	252.2	315.2	327.3	331.0	335.9
72.5°	103.1	86.1	140.7	151.6	171.0	173.4	213.4	261.9	274.0	277.7	280.1
75°	78.8	90.9	114.0	132.1	145.5	146.7	174.6	213.4	221.9	224.3	225.5
77.5°	63.0	84.9	83.7	106.7	118.8	116.4	137.0	164.9	172.2	172.2	172.2
80°	47.3	66.7	63.0	76.4	87.3	84.9	98.2	117.6	120.0	122.4	121.2
82.5°	35.1	42.4	42.4	48.5	58.2	55.8	65.4	76.4	76.4	76.4	78.8
85°	21.8	24.2	19.4	25.4	32.8	31.6	36.3	41.2	42.4	42.4	40.0
87.5°	13.3	10.9	6.1	9.7	14.6	14.6	17.0	18.2	17.0	17.0	17.0
90°	14.9	10.3	5.7	10.3	14.9	16.1	25.2	37.4	43.5	38.6	29.0
92.5°	100.8	61.8	22.9	61.8	100.8	110.5	155.3	215.0	244.9	214.6	154.2
95°	197.4	126.2	55.0	126.2	197.4	215.2	382.1	604.8	716.1	639.0	484.8
97.5°	220.7	157.8	95.0	157.8	220.7	236.4	514.7	885.9	1071.5	1022.8	925.3
100°	239.9	182.9	125.9	182.9	239.9	254.1	563.0	974.9	1180.8	1184.4	1191.5
102.5°	258.6	205.5	152.2	205.5	258.6	271.9	585.2	1002.9	1211.7	1273.8	1397.9
105°	287.0	242.0	196.9	242.0	287.0	298.3	601.5	1006.0	1208.2	1347.4	1625.7
107.5°	326.7	284.7	242.7	284.7	326.7	337.2	604.7	961.3	1139.6	1333.7	1721.9
110°	349.5	311.5	273.6	311.5	349.5	358.9	600.1	921.5	1082.3	1299.4	1733.3



TEST NUMBER: P936060

CATALOG NUMBER: SQ4-FA-150U-100D-93050-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	376.3	340.1	303.9	340.1	376.3	385.2	600.3	887.0	1030.3	1252.4	1696.5
115°	416.4	383.0	349.7	383.0	416.4	424.7	605.8	847.2	967.9	1181.8	1609.7
117.5°	455.5	425.3	395.0	425.3	455.5	463.1	617.1	822.3	924.9	1118.0	1504.2
120°	478.2	449.8	421.2	449.8	478.2	485.4	626.1	813.9	907.8	1084.2	1437.0
122.5°	504.5	475.7	447.0	475.7	504.5	511.7	639.4	809.6	894.7	1053.5	1371.2
125°	539.0	512.7	486.6	512.7	539.0	545.5	657.1	805.9	880.3	1015.2	1285.1
127.5°	571.4	545.0	518.6	545.0	571.4	578.1	674.8	803.8	868.3	984.2	1215.9
130°	592.6	564.2	535.8	564.2	592.6	599.8	687.8	805.1	863.7	966.9	1173.2
132.5°	610.5	582.0	553.5	582.0	610.5	617.6	698.3	805.9	859.7	952.0	1136.7
135°	631.6	605.8	579.8	605.8	631.6	638.2	709.7	805.1	852.8	930.2	1084.8
137.5°	658.1	632.4	606.7	632.4	658.1	664.5	726.9	810.1	851.7	917.1	1047.8
140°	676.4	652.8	629.1	652.8	676.4	682.3	737.5	811.0	847.7	904.1	1017.1
142.5°	689.9	668.1	646.2	668.1	689.9	695.4	746.2	813.8	847.7	897.3	996.5
145°	710.7	691.7	672.6	691.7	710.7	715.4	757.6	813.9	842.0	882.5	963.7
147.5°	736.0	717.5	698.8	717.5	736.0	740.7	774.4	819.5	842.0	873.9	937.7
150°	749.6	732.9	716.1	732.9	749.6	753.8	783.2	822.3	842.0	869.0	922.8
152.5°	759.2	746.5	733.8	746.5	759.2	762.4	788.9	824.3	842.0	865.0	911.1
155°	778.9	769.6	760.1	769.6	778.9	781.3	801.5	828.5	842.0	860.3	897.0
157.5°	797.8	788.8	779.6	788.8	797.8	800.1	814.1	832.7	842.0	856.2	884.7
160°	807.0	799.9	792.7	799.9	807.0	808.8	819.9	834.6	842.0	854.2	878.6
162.5°	816.6	811.2	805.9	811.2	816.6	817.9	825.9	836.7	842.0	852.3	872.9
165°	829.9	825.0	820.2	825.0	829.9	831.1	834.7	839.6	842.0	849.3	864.1
167.5°	837.9	835.7	833.4	835.7	837.9	838.5	841.5	845.7	847.7	852.5	862.2
170°	846.6	844.3	842.0	844.3	846.6	847.1	847.3	847.6	847.7	852.5	862.2
172.5°	847.6	847.0	846.6	847.0	847.6	847.7	847.7	847.7	847.7	851.5	859.1
175°	852.8	852.8	852.8	852.8	852.8	852.8	851.1	848.8	847.7	850.1	854.9
177.5°	852.8	852.8	852.8	852.8	852.8	852.8	851.5	849.8	848.9	850.8	854.6
180°	852.8	852.8	852.8	852.8	852.8	852.8	852.8	852.8	852.8	852.8	852.8



TEST NUMBER: P936060

CATALOG NUMBER: SQ4-FA-150U-100D-93050-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1281.6	1281.6	1281.6	1281.6	1281.6	1281.6	1281.6	1281.6	1281.6	1281.6	1281.6
2.5°	1236.8	1233.1	1238.0	1224.6	1238.0	1233.1	1236.8	1245.2	1238.0	1242.8	1247.7
5°	1085.2	1079.1	1059.8	1044.0	1059.8	1079.1	1085.2	1110.7	1122.8	1144.5	1173.7
7.5°	970.0	965.1	960.3	950.5	960.3	965.1	970.0	977.3	989.4	1008.8	1030.7
10°	944.5	945.8	953.0	951.8	953.0	945.8	944.5	942.1	938.4	942.1	955.4
12.5°	1010.0	1020.9	1060.9	1058.5	1060.9	1020.9	1010.0	961.5	928.8	922.7	925.1
15°	1085.2	1088.8	1097.3	1098.5	1097.3	1088.8	1085.2	1065.8	967.5	925.1	911.8
17.5°	1092.4	1093.7	1099.8	1099.8	1099.8	1093.7	1092.4	1084.0	1051.2	994.2	919.1
20°	1086.4	1088.8	1101.0	1103.3	1101.0	1088.8	1086.4	1075.4	1057.3	1036.7	979.7
22.5°	1084.0	1088.8	1098.5	1097.3	1098.5	1088.8	1084.0	1067.0	1051.2	1036.7	1013.7
25°	1071.9	1071.9	1073.1	1074.3	1073.1	1071.9	1071.9	1058.5	1027.0	1023.3	1010.0
27.5°	1046.4	1048.8	1056.1	1054.9	1056.1	1048.8	1046.4	1041.5	1007.5	1004.0	994.2
30°	1023.3	1020.9	1014.9	1010.0	1014.9	1020.9	1023.3	1016.1	982.1	972.4	974.9
32.5°	984.5	978.4	972.4	968.8	972.4	978.4	984.5	982.1	956.7	943.3	945.8
35°	938.4	939.7	938.4	934.9	938.4	939.7	938.4	940.9	925.1	913.0	911.8
37.5°	905.8	908.2	907.0	902.1	907.0	908.2	905.8	903.3	881.4	877.9	880.3
40°	871.8	873.0	871.8	868.1	871.8	873.0	871.8	866.9	836.7	837.9	846.3
42.5°	839.0	837.9	834.2	831.8	834.2	837.9	839.0	831.8	793.0	789.3	805.1
45°	801.4	802.7	795.4	791.8	795.4	802.7	801.4	796.7	756.6	746.9	757.8
47.5°	763.9	763.9	757.8	754.2	757.8	763.9	763.9	757.8	715.3	705.7	711.8
50°	723.9	722.7	714.2	713.0	714.2	722.7	723.9	720.2	675.3	666.9	666.9
52.5°	677.8	677.8	679.0	681.4	679.0	677.8	677.8	679.0	639.0	630.5	628.1
55°	637.8	639.0	647.4	649.9	647.4	639.0	637.8	637.8	601.4	592.9	588.1
57.5°	596.5	596.5	602.7	602.7	602.7	596.5	596.5	594.1	559.0	551.7	549.2
60°	549.2	551.7	556.5	555.3	556.5	551.7	549.2	546.9	516.5	511.7	503.2
62.5°	499.5	502.0	503.2	500.8	503.2	502.0	499.5	492.3	474.1	470.4	459.5
65°	447.4	449.9	451.0	448.7	451.0	449.9	447.4	443.8	430.4	424.3	414.7
67.5°	394.1	392.9	391.7	396.4	391.7	392.9	394.1	389.2	380.8	375.9	362.5
70°	339.5	339.5	338.3	340.7	338.3	339.5	339.5	335.9	331.0	327.3	315.2
72.5°	281.3	280.1	284.9	281.3	284.9	280.1	281.3	280.1	277.7	274.0	261.9
75°	224.3	226.8	224.3	228.0	224.3	226.8	224.3	225.5	224.3	221.9	213.4
77.5°	171.0	173.4	171.0	171.0	171.0	173.4	171.0	172.2	172.2	172.2	164.9
80°	121.2	120.0	120.0	118.8	120.0	120.0	121.2	121.2	122.4	120.0	117.6
82.5°	77.6	76.4	76.4	78.8	76.4	76.4	77.6	78.8	76.4	76.4	76.4
85°	42.4	43.7	41.2	41.2	41.2	43.7	42.4	40.0	42.4	42.4	41.2
87.5°	15.8	14.6	14.6	14.6	14.6	14.6	15.8	17.0	17.0	17.0	18.2
90°	21.7	21.7	21.7	21.7	21.7	21.7	21.7	29.0	38.6	43.5	37.4
92.5°	108.7	104.4	87.1	69.8	87.1	104.4	108.7	154.2	214.6	244.9	215.0
95°	369.2	356.1	303.7	251.3	303.7	356.1	369.2	484.8	639.0	716.1	604.8
97.5°	852.3	827.3	727.6	627.9	727.6	827.3	852.3	925.3	1022.8	1071.5	885.9
100°	1196.9	1167.1	1048.4	929.5	1048.4	1167.1	1196.9	1191.5	1184.4	1180.8	974.9
102.5°	1491.1	1465.7	1363.9	1262.1	1363.9	1465.7	1491.1	1397.9	1273.8	1211.7	1002.9
105°	1834.5	1820.8	1766.1	1711.4	1766.1	1820.8	1834.5	1625.7	1347.4	1208.2	1006.0
107.5°	2013.1	2016.4	2029.6	2042.8	2029.6	2016.4	2013.1	1721.9	1333.7	1139.6	961.3
110°	2058.8	2073.1	2130.1	2187.1	2130.1	2073.1	2058.8	1733.3	1299.4	1082.3	921.5



TEST NUMBER: P936060

CATALOG NUMBER: SQ4-FA-150U-100D-93050-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2029.7	2051.5	2139.1	2226.5	2139.1	2051.5	2029.7	1696.5	1252.4	1030.3	887.0
115°	1930.6	1961.0	2082.3	2203.7	2082.3	1961.0	1930.6	1609.7	1181.8	967.9	847.2
117.5°	1793.8	1827.5	1962.0	2096.6	1962.0	1827.5	1793.8	1504.2	1118.0	924.9	822.3
120°	1701.7	1734.4	1865.1	1995.9	1865.1	1734.4	1701.7	1437.0	1084.2	907.8	813.9
122.5°	1609.5	1641.8	1770.8	1899.7	1770.8	1641.8	1609.5	1371.2	1053.5	894.7	809.6
125°	1487.6	1517.3	1636.1	1754.9	1636.1	1517.3	1487.6	1285.1	1015.2	880.3	805.9
127.5°	1389.8	1414.8	1515.0	1615.2	1515.0	1414.8	1389.8	1215.9	984.2	868.3	803.8
130°	1327.9	1351.0	1443.6	1536.2	1443.6	1351.0	1327.9	1173.2	966.9	863.7	805.1
132.5°	1275.2	1296.0	1378.8	1461.8	1378.8	1296.0	1275.2	1136.7	952.0	859.7	805.9
135°	1200.8	1218.7	1290.2	1361.7	1290.2	1218.7	1200.8	1084.8	930.2	852.8	805.1
137.5°	1145.9	1160.5	1219.1	1277.5	1219.1	1160.5	1145.9	1047.8	917.1	851.7	810.1
140°	1101.8	1115.5	1170.2	1224.8	1170.2	1115.5	1101.8	1017.1	904.1	847.7	811.0
142.5°	1071.0	1082.7	1129.8	1176.8	1129.8	1082.7	1071.0	996.5	897.3	847.7	813.8
145°	1024.5	1033.4	1069.1	1104.7	1069.1	1033.4	1024.5	963.7	882.5	842.0	813.9
147.5°	985.6	992.9	1022.5	1052.0	1022.5	992.9	985.6	937.7	873.9	842.0	819.5
150°	963.3	969.3	993.2	1017.1	993.2	969.3	963.3	922.8	869.0	842.0	822.3
152.5°	945.6	950.1	968.2	986.2	968.2	950.1	945.6	911.1	865.0	842.0	824.3
155°	924.4	927.4	939.4	951.3	939.4	927.4	924.4	897.0	860.3	842.0	828.5
157.5°	906.0	908.2	916.5	924.9	916.5	908.2	906.0	884.7	856.2	842.0	832.7
160°	896.9	898.1	902.9	907.8	902.9	898.1	896.9	878.6	854.2	842.0	834.6
162.5°	888.3	889.4	894.0	898.6	894.0	889.4	888.3	872.9	852.3	842.0	836.7
165°	875.1	876.3	881.2	886.0	881.2	876.3	875.1	864.1	849.3	842.0	839.6
167.5°	869.4	870.0	872.0	874.0	872.0	870.0	869.4	862.2	852.5	847.7	845.7
170°	869.4	869.4	869.4	869.4	869.4	869.4	869.4	862.2	852.5	847.7	847.6
172.5°	864.8	864.4	862.6	860.9	862.6	864.4	864.8	859.1	851.5	847.7	847.7
175°	858.6	858.6	858.6	858.6	858.6	858.6	858.6	854.9	850.1	847.7	848.8
177.5°	857.4	856.9	854.8	852.8	854.8	856.9	857.4	854.6	850.8	848.9	849.8
180°	852.8	852.8	852.8	852.8	852.8	852.8	852.8	852.8	852.8	852.8	852.8



TEST NUMBER: P936060

CATALOG NUMBER: SQ4-FA-150U-100D-93050-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1281.6	1281.6	1281.6	1281.6	1281.6
2.5°	1265.9	1271.9	1275.5	1280.4	1292.5
5°	1217.3	1240.4	1247.7	1265.9	1287.7
7.5°	1110.7	1181.0	1200.3	1244.0	1278.0
10°	1007.5	1077.9	1111.9	1214.9	1265.9
12.5°	955.4	996.7	1019.7	1164.0	1248.9
15°	922.7	951.8	968.8	1096.1	1229.4
17.5°	897.2	917.9	930.0	1029.4	1202.8
20°	881.4	891.2	902.1	980.9	1172.4
22.5°	870.5	864.5	873.0	947.0	1131.2
25°	863.3	840.2	850.0	920.3	1082.8
27.5°	869.3	818.4	822.1	896.0	1031.9
30°	870.5	791.8	793.0	870.5	974.9
32.5°	862.1	763.9	765.1	839.0	910.5
35°	841.4	731.1	729.9	802.7	823.3
37.5°	813.5	696.0	696.0	762.7	727.5
40°	779.7	660.8	664.4	710.5	642.7
42.5°	738.4	623.2	628.1	641.4	579.6
45°	693.5	586.9	590.4	542.0	531.1
47.5°	643.9	549.2	550.4	449.9	515.3
50°	584.4	510.4	505.6	385.6	514.1
52.5°	532.3	468.0	453.4	349.2	466.8
55°	481.3	423.1	391.7	321.3	432.9
57.5°	436.5	365.0	334.7	288.6	425.6
60°	395.3	308.0	284.9	253.4	390.4
62.5°	361.3	265.6	260.7	229.1	354.0
65°	325.0	236.4	235.2	208.6	300.7
67.5°	289.8	217.0	215.8	189.1	229.1
70°	252.2	196.4	194.0	168.6	169.8
72.5°	213.4	173.4	171.0	151.6	140.7
75°	174.6	146.7	145.5	132.1	114.0
77.5°	137.0	116.4	118.8	106.7	83.7
80°	98.2	84.9	87.3	76.4	63.0
82.5°	65.4	55.8	58.2	48.5	42.4
85°	36.3	31.6	32.8	25.4	19.4
87.5°	17.0	14.6	14.6	9.7	6.1
90°	25.2	16.1	14.9	10.3	5.7
92.5°	155.3	110.5	100.8	61.8	22.9
95°	382.1	215.2	197.4	126.2	55.0
97.5°	514.7	236.4	220.7	157.8	95.0
100°	563.0	254.1	239.9	182.9	125.9
102.5°	585.2	271.9	258.6	205.5	152.2
105°	601.5	298.3	287.0	242.0	196.9
107.5°	604.7	337.2	326.7	284.7	242.7
110°	600.1	358.9	349.5	311.5	273.6



TEST NUMBER: P936060

CATALOG NUMBER: SQ4-FA-150U-100D-93050-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	600.3	385.2	376.3	340.1	303.9
115°	605.8	424.7	416.4	383.0	349.7
117.5°	617.1	463.1	455.5	425.3	395.0
120°	626.1	485.4	478.2	449.8	421.2
122.5°	639.4	511.7	504.5	475.7	447.0
125°	657.1	545.5	539.0	512.7	486.6
127.5°	674.8	578.1	571.4	545.0	518.6
130°	687.8	599.8	592.6	564.2	535.8
132.5°	698.3	617.6	610.5	582.0	553.5
135°	709.7	638.2	631.6	605.8	579.8
137.5°	726.9	664.5	658.1	632.4	606.7
140°	737.5	682.3	676.4	652.8	629.1
142.5°	746.2	695.4	689.9	668.1	646.2
145°	757.6	715.4	710.7	691.7	672.6
147.5°	774.4	740.7	736.0	717.5	698.8
150°	783.2	753.8	749.6	732.9	716.1
152.5°	788.9	762.4	759.2	746.5	733.8
155°	801.5	781.3	778.9	769.6	760.1
157.5°	814.1	800.1	797.8	788.8	779.6
160°	819.9	808.8	807.0	799.9	792.7
162.5°	825.9	817.9	816.6	811.2	805.9
165°	834.7	831.1	829.9	825.0	820.2
167.5°	841.5	838.5	837.9	835.7	833.4
170°	847.3	847.1	846.6	844.3	842.0
172.5°	847.7	847.7	847.6	847.0	846.6
175°	851.1	852.8	852.8	852.8	852.8
177.5°	851.5	852.8	852.8	852.8	852.8
180°	852.8	852.8	852.8	852.8	852.8



TEST NUMBER: P936060
 CATALOG NUMBER: SQ4-FA-150U-100D-93050-1D-UNV-STD-W-4-5000K

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	12.12	12.88	13.18	13.94	15.38	14.92	15.68	15.98	16.74	18.18
	3H	12.59	13.27	13.66	14.34	15.80	16.25	16.93	17.31	18.00	19.45
	4H	12.78	13.42	13.86	14.49	15.96	16.68	17.33	17.76	18.40	19.86
	6H	12.89	13.49	13.98	14.56	16.04	16.95	17.55	18.04	18.62	20.10
	8H	12.89	13.46	13.98	14.55	16.02	17.02	17.59	18.11	18.68	20.15
	12H	12.86	13.39	13.95	14.48	15.97	17.05	17.59	18.15	18.67	20.17
4H	2H	13.14	13.78	14.22	14.85	16.31	15.32	15.96	16.40	17.03	18.50
	3H	14.15	14.69	15.24	15.79	17.26	16.81	17.34	17.90	18.44	19.92
	4H	14.42	14.92	15.52	16.01	17.50	17.32	17.82	18.42	18.90	20.40
	6H	14.54	14.97	15.65	16.08	17.57	17.67	18.10	18.78	19.21	20.70
	8H	14.55	14.94	15.65	16.05	17.55	17.77	18.17	18.88	19.27	20.78
	12H	14.51	14.87	15.63	15.98	17.50	17.82	18.18	18.94	19.29	20.81
8H	4H	14.86	15.26	15.97	16.36	17.87	17.44	17.83	18.54	18.94	20.44
	6H	15.12	15.45	16.25	16.59	18.10	17.86	18.19	18.99	19.34	20.84
	8H	15.16	15.45	16.30	16.58	18.10	18.01	18.29	19.14	19.42	20.95
	12H	15.14	15.39	16.28	16.52	18.08	18.10	18.35	19.23	19.47	21.03
12H	4H	14.86	15.22	15.99	16.34	17.85	17.40	17.76	18.52	18.87	20.38
	6H	15.18	15.47	16.31	16.59	18.12	17.86	18.15	18.99	19.27	20.80
	8H	15.24	15.49	16.38	16.62	18.18	18.01	18.26	19.15	19.39	20.95