

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: P935138

Luminaire Tested: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935138
REPORT IS A COMBINATION OF REPORTS P933743 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

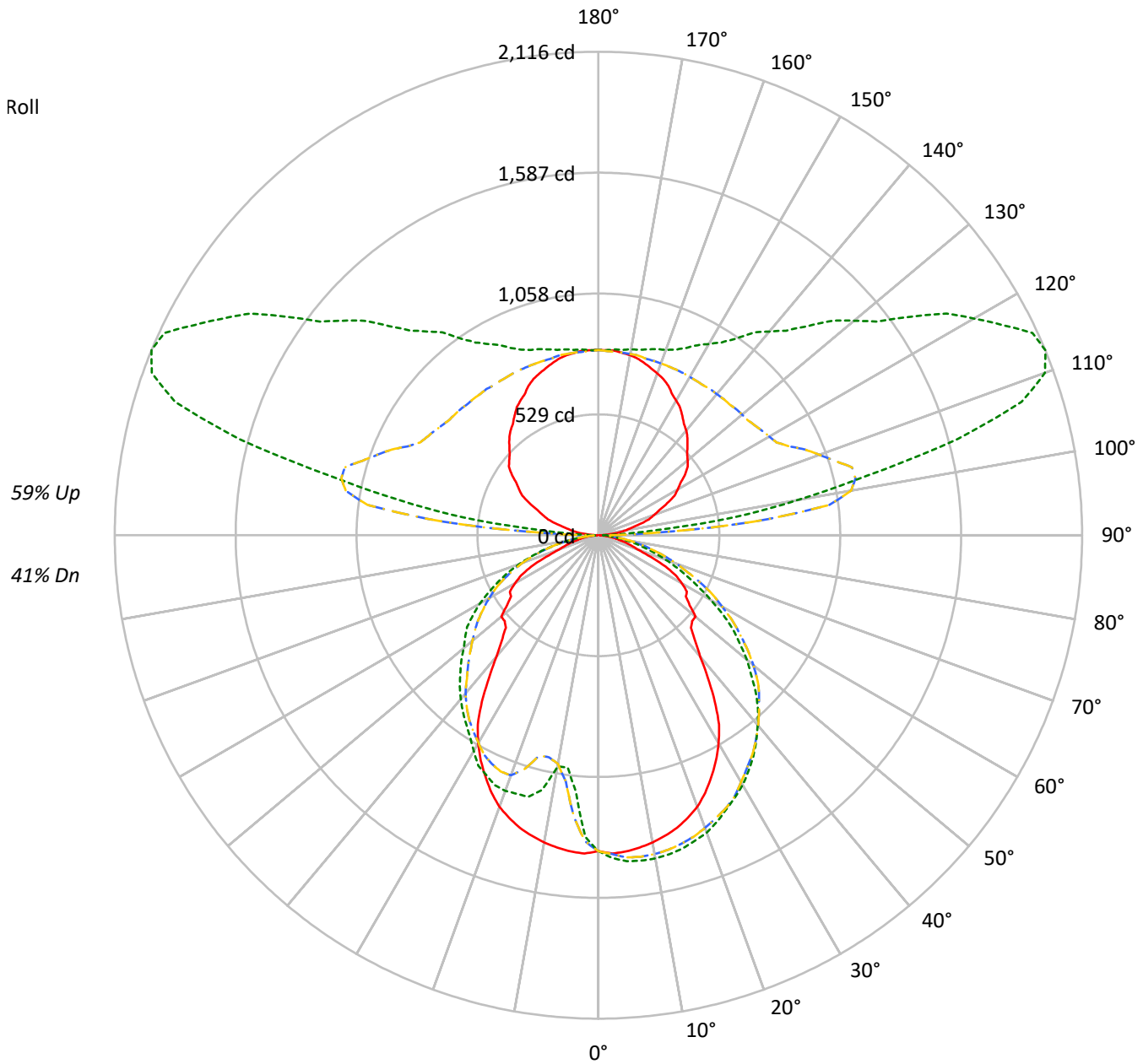
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8843.2 lumens
Efficiency: N/A
Efficacy: 119.8 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: General Diffuse

Input Watts (W): 73.8
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: P935138
CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-3000K

Luminous Intensity Polar Plot



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



TEST NUMBER: P935138

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-3000K

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
RCR																				
0	105	105	105	105	96	96	96	96	78	78	78	62	62	62	47	47	47	41	41	41
1	96	91	88	84	87	83	80	77	68	66	64	55	53	52	42	41	40	34	34	34
2	87	80	74	69	79	73	68	63	60	56	53	48	45	43	37	35	34	29	29	29
3	79	70	63	57	72	64	58	53	53	48	45	42	39	37	33	31	29	24	24	24
4	73	62	54	48	66	57	50	45	47	42	38	38	34	31	29	27	25	21	21	21
5	67	55	47	41	60	51	44	38	42	37	33	34	30	27	26	24	22	18	18	18
6	61	49	41	36	56	45	38	33	38	32	28	31	27	24	24	21	19	16	16	16
7	57	45	37	31	51	41	34	29	34	29	25	28	24	21	22	19	17	14	14	14
8	52	40	33	27	48	37	30	26	31	26	22	25	21	18	20	17	15	13	13	13
9	49	37	29	24	44	34	27	23	28	23	20	23	19	17	18	16	13	11	11	11
10	46	34	26	22	41	31	25	20	26	21	18	21	18	15	17	14	12	10	10	10

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8553	8553	8553	8553
5°	8614	8634	8614	6789
10°	8553	8505	8553	6080
15°	8457	8320	8457	6948
20°	8277	8102	8277	6962
25°	7912	7784	7912	6815
30°	7441	7520	7441	6491
35°	6630	7185	6630	6135
40°	5521	6792	5521	5866
45°	4930	6331	4930	5557
50°	5233	5781	5233	5246
55°	4920	5189	4920	5066
60°	5065	4407	5065	4641
65°	4585	3644	4585	4073
70°	3167	2903	3167	3414
75°	2768	2147	2768	2570
80°	2213	1419	2213	1545
85°	1246	751	1246	639

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7561 cd/sqm



TEST NUMBER: P935138

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	124.8	1.4
10°-20°	354.4	4.0
20°-30°	547.8	6.2
30°-40°	653.9	7.4
40°-50°	657.8	7.4
50°-60°	572.3	6.5
60°-70°	405.8	4.6
70°-80°	214.7	2.4
80°-90°	56.6	0.6
90°-100°	395.2	4.5
100°-110°	1038.9	11.7
110°-120°	1077.2	12.2
120°-130°	864.1	9.8
130°-140°	678.0	7.7
140°-150°	520.4	5.9
150°-160°	374.8	4.2
160°-170°	229.3	2.6
170°-180°	77.5	0.9
0°-30°	1026.9	11.6
0°-40°	1680.8	19.0
0°-60°	2910.9	32.9
0°-90°	3587.9	40.6
90°-120°	2511.3	28.4
90°-150°	4573.8	51.7
90°-180°	5255.0	59.4
0°-180°	8843.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1383	1383	1383	1383	1383	
5°	1389	1432	1389	1126	1389	132
15°	1326	1419	1326	1185	1326	373
25°	1168	1324	1168	1159	1168	536
35°	888	1181	888	1008	888	549
45°	573	973	573	854	573	459
55°	467	718	467	701	467	429
65°	324	433	324	484	324	310
75°	123	205	123	246	123	129
85°	21	52	21	44	21	28
90°	5	21	5	21	5	5
95°	52	239	52	239	52	58
105°	187	1627	187	1627	187	198
115°	332	2095	332	2095	332	328
125°	462	1668	462	1668	462	411
135°	551	1294	551	1294	551	426
145°	639	1050	639	1050	639	401
155°	723	904	723	904	723	332
165°	780	842	780	842	780	220
175°	811	816	811	816	811	77
180°	811	811	811	811	811	



TEST NUMBER: P935138

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6
2.5°	1394.4	1394.4	1402.2	1404.8	1404.8	1400.9	1397.0	1400.9	1412.7	1416.6	1415.3
5°	1389.2	1399.6	1414.0	1416.6	1419.2	1417.9	1415.3	1417.9	1431.0	1433.6	1434.9
7.5°	1378.7	1398.3	1416.6	1420.5	1424.5	1420.5	1419.2	1421.9	1434.9	1437.5	1437.5
10°	1365.6	1393.1	1414.0	1416.6	1420.5	1416.6	1416.6	1421.9	1434.9	1437.5	1438.9
12.5°	1347.3	1385.2	1404.8	1407.5	1412.7	1411.4	1410.1	1415.3	1428.4	1431.0	1431.0
15°	1326.4	1370.8	1389.2	1391.8	1400.9	1398.3	1398.3	1403.5	1417.9	1421.9	1420.5
17.5°	1297.6	1352.5	1373.5	1377.4	1383.9	1382.6	1383.9	1389.2	1402.2	1404.8	1406.2
20°	1264.9	1327.7	1352.5	1356.4	1363.0	1363.0	1363.0	1369.5	1382.6	1387.8	1387.8
22.5°	1220.4	1301.5	1327.7	1330.3	1338.1	1338.1	1340.8	1349.9	1361.7	1363.0	1363.0
25°	1168.1	1272.7	1295.0	1302.8	1310.7	1314.6	1318.5	1323.7	1327.7	1326.4	1327.7
27.5°	1113.2	1236.1	1264.9	1270.1	1280.6	1284.5	1289.7	1291.0	1292.4	1296.3	1293.7
30°	1051.7	1185.1	1228.3	1233.5	1250.5	1253.1	1247.9	1250.5	1257.0	1259.7	1262.3
32.5°	982.3	1109.2	1190.3	1202.1	1217.8	1209.9	1208.6	1212.6	1223.0	1223.0	1225.6
35°	888.2	1050.4	1155.0	1165.5	1177.2	1168.1	1173.3	1174.6	1181.2	1185.1	1183.8
37.5°	784.8	999.4	1118.4	1126.2	1135.4	1123.6	1131.5	1135.4	1140.6	1138.0	1138.0
40°	693.3	919.6	1075.2	1080.5	1088.3	1079.1	1087.0	1089.6	1092.2	1089.6	1088.3
42.5°	625.2	831.9	1029.4	1036.0	1030.7	1037.3	1039.9	1045.1	1041.2	1036.0	1036.0
45°	572.9	808.4	979.7	987.6	979.7	990.2	994.1	994.1	982.3	979.7	978.4
47.5°	555.9	761.3	930.0	930.0	926.1	939.2	945.7	936.6	924.8	920.9	920.9
50°	554.6	709.0	862.0	856.8	875.1	890.8	884.2	875.1	865.9	851.5	851.5
52.5°	503.6	644.9	774.4	794.0	822.8	831.9	821.5	812.3	796.6	790.1	784.8
55°	467.0	578.2	694.6	733.8	763.9	775.7	756.1	746.9	723.4	719.4	716.8
57.5°	459.1	481.4	621.3	671.0	707.7	706.3	694.6	677.6	657.9	654.0	652.7
60°	421.2	347.9	542.8	601.7	639.6	635.7	625.2	609.6	591.2	588.6	586.0
62.5°	382.0	252.5	453.9	520.6	574.2	572.9	563.8	540.2	527.1	520.6	515.4
65°	324.4	211.9	323.1	433.0	510.1	512.8	493.1	476.1	461.7	453.9	452.6
67.5°	247.2	172.7	218.4	361.0	448.7	446.0	421.2	413.3	395.0	391.1	383.3
70°	183.1	115.1	151.7	293.0	388.5	382.0	362.3	353.2	336.2	327.0	321.8
72.5°	151.7	92.9	111.2	227.6	327.0	319.2	302.2	291.7	277.3	269.5	264.2
75°	123.0	98.1	85.0	168.7	265.5	260.3	244.6	234.1	222.4	211.9	213.2
77.5°	90.3	91.6	68.0	124.3	210.6	202.7	193.6	180.5	175.3	164.8	164.8
80°	68.0	71.9	51.0	85.0	151.7	151.7	143.9	134.7	125.6	120.3	120.3
82.5°	45.8	45.8	37.9	53.6	103.3	99.4	94.2	91.6	86.3	83.7	83.7
85°	20.9	26.2	23.5	32.7	56.2	58.9	58.9	56.2	54.9	52.3	53.6
87.5°	6.5	11.8	14.4	18.3	28.8	30.1	31.4	31.4	31.4	32.7	32.7
90°	5.4	9.8	14.1	15.3	24.0	35.6	41.3	36.7	27.6	20.7	20.7
92.5°	21.8	58.8	95.7	105.0	147.6	204.4	232.8	204.1	146.5	103.3	99.2
95°	52.2	119.9	187.7	204.6	363.3	574.8	680.6	607.4	460.8	350.9	338.4
97.5°	90.3	150.1	209.8	224.7	489.3	842.1	1018.5	972.2	879.6	810.1	786.4
100°	119.7	173.9	228.0	241.6	535.2	926.6	1122.4	1125.8	1132.6	1137.7	1109.4
102.5°	144.8	195.3	245.8	258.5	556.3	953.3	1151.8	1210.8	1328.8	1417.3	1393.2
105°	187.1	230.0	272.8	283.5	571.9	956.4	1148.6	1280.8	1545.3	1743.7	1730.7
107.5°	230.7	270.6	310.5	320.5	574.8	913.7	1083.2	1267.8	1636.7	1913.5	1916.6
110°	260.0	296.1	332.2	341.1	570.4	876.0	1028.8	1235.1	1647.6	1957.0	1970.5



TEST NUMBER: P935138

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	288.9	323.3	357.6	366.2	570.6	843.1	979.3	1190.4	1612.7	1929.3	1950.0
115°	332.4	364.1	395.7	403.7	575.8	805.2	920.0	1123.4	1530.2	1835.2	1864.1
117.5°	375.4	404.2	433.0	440.1	586.4	781.6	879.2	1062.7	1429.8	1705.1	1737.1
120°	400.4	427.6	454.6	461.4	595.3	773.7	862.9	1030.6	1366.0	1617.5	1648.6
122.5°	424.9	452.2	479.6	486.4	607.7	769.5	850.4	1001.4	1303.4	1529.9	1560.6
125°	462.4	487.4	512.3	518.5	624.6	766.1	836.8	965.1	1221.6	1414.1	1442.3
127.5°	493.0	518.1	543.3	549.6	641.5	764.1	825.4	935.5	1155.8	1321.0	1344.9
130°	509.3	536.4	563.4	570.2	653.9	765.3	821.0	919.0	1115.2	1262.3	1284.2
132.5°	526.1	553.2	580.3	587.1	663.8	766.1	817.2	905.0	1080.5	1212.2	1231.9
135°	551.1	575.8	600.5	606.7	674.7	765.3	810.6	884.2	1031.2	1141.5	1158.5
137.5°	576.7	601.1	625.6	631.7	691.0	770.1	809.6	871.8	996.0	1089.3	1103.1
140°	598.0	620.5	643.0	648.5	700.9	770.8	805.8	859.5	966.8	1047.3	1060.3
142.5°	614.3	635.1	655.9	661.1	709.3	773.6	805.8	852.9	947.2	1017.9	1029.1
145°	639.3	657.4	675.6	680.1	720.2	773.7	800.4	838.9	916.1	973.9	982.3
147.5°	664.3	681.9	699.5	704.0	736.1	778.9	800.4	830.7	891.4	936.9	943.9
150°	680.6	696.6	712.5	716.6	744.5	781.7	800.4	826.0	877.2	915.6	921.3
152.5°	697.5	709.7	721.7	724.7	749.9	783.5	800.4	822.2	866.0	898.8	903.1
155°	722.6	731.5	740.4	742.6	761.9	787.5	800.4	817.8	852.6	878.7	881.5
157.5°	741.1	749.8	758.4	760.6	773.8	791.5	800.4	813.9	841.0	861.3	863.3
160°	753.5	760.3	767.1	768.8	779.3	793.4	800.4	812.0	835.1	852.6	853.7
162.5°	766.1	771.1	776.2	777.5	785.1	795.3	800.4	810.1	829.7	844.4	845.4
165°	779.7	784.2	788.8	790.0	793.5	798.1	800.4	807.3	821.4	831.9	833.1
167.5°	792.2	794.3	796.5	797.0	799.9	803.8	805.8	810.4	819.5	826.4	826.9
170°	800.4	802.5	804.7	805.2	805.4	805.7	805.8	810.4	819.5	826.4	826.4
172.5°	804.7	805.1	805.7	805.8	805.8	805.8	805.8	809.4	816.7	822.1	821.6
175°	810.6	810.6	810.6	810.6	809.0	806.8	805.8	808.0	812.6	816.1	816.1
177.5°	810.6	810.6	810.6	810.6	809.4	807.8	806.9	808.7	812.3	815.0	814.5
180°	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6



TEST NUMBER: P935138

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6
2.5°	1417.9	1414.0	1417.9	1415.3	1416.6	1412.7	1400.9	1397.0	1400.9	1404.8	1404.8
5°	1434.9	1432.3	1434.9	1434.9	1433.6	1431.0	1417.9	1415.3	1417.9	1419.2	1416.6
7.5°	1440.2	1436.2	1440.2	1437.5	1437.5	1434.9	1421.9	1419.2	1420.5	1424.5	1420.5
10°	1440.2	1436.2	1440.2	1438.9	1437.5	1434.9	1421.9	1416.6	1416.6	1420.5	1416.6
12.5°	1433.6	1431.0	1433.6	1431.0	1431.0	1428.4	1415.3	1410.1	1411.4	1412.7	1407.5
15°	1423.2	1419.2	1423.2	1420.5	1421.9	1417.9	1403.5	1398.3	1398.3	1400.9	1391.8
17.5°	1407.5	1402.2	1407.5	1406.2	1404.8	1402.2	1389.2	1383.9	1382.6	1383.9	1377.4
20°	1389.2	1385.2	1389.2	1387.8	1387.8	1382.6	1369.5	1363.0	1363.0	1363.0	1356.4
22.5°	1360.4	1356.4	1360.4	1363.0	1363.0	1361.7	1349.9	1340.8	1338.1	1338.1	1330.3
25°	1327.7	1323.7	1327.7	1327.7	1326.4	1327.7	1323.7	1318.5	1314.6	1310.7	1302.8
27.5°	1296.3	1293.7	1296.3	1293.7	1296.3	1292.4	1291.0	1289.7	1284.5	1280.6	1270.1
30°	1264.9	1262.3	1264.9	1262.3	1259.7	1257.0	1250.5	1247.9	1253.1	1250.5	1233.5
32.5°	1225.6	1223.0	1225.6	1225.6	1223.0	1223.0	1212.6	1208.6	1209.9	1217.8	1202.1
35°	1185.1	1181.2	1185.1	1183.8	1185.1	1181.2	1174.6	1173.3	1168.1	1177.2	1165.5
37.5°	1138.0	1134.1	1138.0	1138.0	1138.0	1140.6	1135.4	1131.5	1123.6	1135.4	1126.2
40°	1089.6	1084.4	1089.6	1088.3	1089.6	1092.2	1089.6	1087.0	1079.1	1088.3	1080.5
42.5°	1034.7	1033.4	1034.7	1036.0	1036.0	1041.2	1045.1	1039.9	1037.3	1030.7	1036.0
45°	975.8	973.2	975.8	978.4	979.7	982.3	994.1	994.1	990.2	979.7	987.6
47.5°	913.0	906.5	913.0	920.9	920.9	924.8	936.6	945.7	939.2	926.1	930.0
50°	846.3	847.6	846.3	851.5	851.5	865.9	875.1	884.2	890.8	875.1	856.8
52.5°	780.9	779.6	780.9	784.8	790.1	796.6	812.3	821.5	831.9	822.8	794.0
55°	715.5	718.1	715.5	716.8	719.4	723.4	746.9	756.1	775.7	763.9	733.8
57.5°	650.1	646.2	650.1	652.7	654.0	657.9	677.6	694.6	706.3	707.7	671.0
60°	574.2	569.0	574.2	586.0	588.6	591.2	609.6	625.2	635.7	639.6	601.7
62.5°	507.5	498.4	507.5	515.4	520.6	527.1	540.2	563.8	572.9	574.2	520.6
65°	436.9	433.0	436.9	452.6	453.9	461.7	476.1	493.1	512.8	510.1	433.0
67.5°	372.8	372.8	372.8	383.3	391.1	395.0	413.3	421.2	446.0	448.7	361.0
70°	313.9	312.6	313.9	321.8	327.0	336.2	353.2	362.3	382.0	388.5	293.0
72.5°	257.7	256.4	257.7	264.2	269.5	277.3	291.7	302.2	319.2	327.0	227.6
75°	208.0	205.4	208.0	213.2	211.9	222.4	234.1	244.6	260.3	265.5	168.7
77.5°	159.6	159.6	159.6	164.8	164.8	175.3	180.5	193.6	202.7	210.6	124.3
80°	119.0	117.7	119.0	120.3	120.3	125.6	134.7	143.9	151.7	151.7	85.0
82.5°	83.7	81.1	83.7	83.7	83.7	86.3	91.6	94.2	99.4	103.3	53.6
85°	52.3	52.3	52.3	53.6	52.3	54.9	56.2	58.9	58.9	56.2	32.7
87.5°	34.0	32.7	34.0	32.7	32.7	31.4	31.4	31.4	30.1	28.8	18.3
90°	20.7	20.7	20.7	20.7	20.7	27.6	36.7	41.3	35.6	24.0	15.3
92.5°	82.8	66.4	82.8	99.2	103.3	146.5	204.1	232.8	204.4	147.6	105.0
95°	288.6	238.9	288.6	338.4	350.9	460.8	607.4	680.6	574.8	363.3	204.6
97.5°	691.6	596.8	691.6	786.4	810.1	879.6	972.2	1018.5	842.1	489.3	224.7
100°	996.5	883.5	996.5	1109.4	1137.7	1132.6	1125.8	1122.4	926.6	535.2	241.6
102.5°	1296.4	1199.7	1296.4	1393.2	1417.3	1328.8	1210.8	1151.8	953.3	556.3	258.5
105°	1678.8	1626.8	1678.8	1730.7	1743.7	1545.3	1280.8	1148.6	956.4	571.9	283.5
107.5°	1929.3	1941.8	1929.3	1916.6	1913.5	1636.7	1267.8	1083.2	913.7	574.8	320.5
110°	2024.8	2078.9	2024.8	1970.5	1957.0	1647.6	1235.1	1028.8	876.0	570.4	341.1



TEST NUMBER: P935138

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2033.2	2116.4	2033.2	1950.0	1929.3	1612.7	1190.4	979.3	843.1	570.6	366.2
115°	1979.3	2094.7	1979.3	1864.1	1835.2	1530.2	1123.4	920.0	805.2	575.8	403.7
117.5°	1865.0	1992.9	1865.0	1737.1	1705.1	1429.8	1062.7	879.2	781.6	586.4	440.1
120°	1772.9	1897.2	1772.9	1648.6	1617.5	1366.0	1030.6	862.9	773.7	595.3	461.4
122.5°	1683.2	1805.8	1683.2	1560.6	1529.9	1303.4	1001.4	850.4	769.5	607.7	486.4
125°	1555.2	1668.1	1555.2	1442.3	1414.1	1221.6	965.1	836.8	766.1	624.6	518.5
127.5°	1440.2	1535.4	1440.2	1344.9	1321.0	1155.8	935.5	825.4	764.1	641.5	549.6
130°	1372.3	1460.3	1372.3	1284.2	1262.3	1115.2	919.0	821.0	765.3	653.9	570.2
132.5°	1310.8	1389.6	1310.8	1231.9	1212.2	1080.5	905.0	817.2	766.1	663.8	587.1
135°	1226.4	1294.4	1226.4	1158.5	1141.5	1031.2	884.2	810.6	765.3	674.7	606.7
137.5°	1158.8	1214.4	1158.8	1103.1	1089.3	996.0	871.8	809.6	770.1	691.0	631.7
140°	1112.4	1164.3	1112.4	1060.3	1047.3	966.8	859.5	805.8	770.8	700.9	648.5
142.5°	1073.9	1118.6	1073.9	1029.1	1017.9	947.2	852.9	805.8	773.6	709.3	661.1
145°	1016.3	1050.1	1016.3	982.3	973.9	916.1	838.9	800.4	773.7	720.2	680.1
147.5°	972.0	1000.0	972.0	943.9	936.9	891.4	830.7	800.4	778.9	736.1	704.0
150°	944.1	966.8	944.1	921.3	915.6	877.2	826.0	800.4	781.7	744.5	716.6
152.5°	920.3	937.4	920.3	903.1	898.8	866.0	822.2	800.4	783.5	749.9	724.7
155°	892.9	904.2	892.9	881.5	878.7	852.6	817.8	800.4	787.5	761.9	742.6
157.5°	871.2	879.2	871.2	863.3	861.3	841.0	813.9	800.4	791.5	773.8	760.6
160°	858.3	862.9	858.3	853.7	852.6	835.1	812.0	800.4	793.4	779.3	768.8
162.5°	849.8	854.2	849.8	845.4	844.4	829.7	810.1	800.4	795.3	785.1	777.5
165°	837.7	842.2	837.7	833.1	831.9	821.4	807.3	800.4	798.1	793.5	790.0
167.5°	828.9	830.8	828.9	826.9	826.4	819.5	810.4	805.8	803.8	799.9	797.0
170°	826.4	826.4	826.4	826.4	826.4	819.5	810.4	805.8	805.7	805.4	805.2
172.5°	820.0	818.3	820.0	821.6	822.1	816.7	809.4	805.8	805.8	805.8	805.8
175°	816.1	816.1	816.1	816.1	816.1	812.6	808.0	805.8	806.8	809.0	810.6
177.5°	812.6	810.6	812.6	814.5	815.0	812.3	808.7	806.9	807.8	809.4	810.6
180°	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6



TEST NUMBER: P935138

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6
2.5°	1402.2	1394.4	1394.4	1381.3	1376.1	1372.1	1365.6	1346.0	1340.8	1335.5	1343.4
5°	1414.0	1399.6	1389.2	1365.6	1346.0	1338.1	1313.3	1266.2	1234.8	1211.3	1198.2
7.5°	1416.6	1398.3	1378.7	1342.1	1295.0	1274.0	1198.2	1111.8	1088.3	1067.4	1054.3
10°	1414.0	1393.1	1365.6	1310.7	1199.5	1162.9	1087.0	1030.7	1016.4	1012.4	1016.4
12.5°	1404.8	1385.2	1347.3	1255.7	1100.1	1075.2	1030.7	998.0	995.4	1002.0	1037.3
15°	1389.2	1370.8	1326.4	1182.5	1045.1	1026.8	995.4	983.7	998.0	1043.8	1149.8
17.5°	1373.5	1352.5	1297.6	1110.5	1003.3	990.2	968.0	991.5	1072.6	1134.1	1169.4
20°	1352.5	1327.7	1264.9	1058.2	973.2	961.4	951.0	1056.9	1118.4	1140.6	1160.2
22.5°	1327.7	1301.5	1220.4	1021.6	941.8	932.6	939.2	1093.5	1118.4	1134.1	1151.1
25°	1295.0	1272.7	1168.1	992.8	916.9	906.5	931.3	1089.6	1104.0	1107.9	1141.9
27.5°	1264.9	1236.1	1113.2	966.6	886.9	882.9	937.9	1072.6	1083.1	1087.0	1123.6
30°	1228.3	1185.1	1051.7	939.2	855.5	854.2	939.2	1051.7	1049.1	1059.5	1096.1
32.5°	1190.3	1109.2	982.3	905.2	825.4	824.1	930.0	1020.3	1017.7	1032.1	1059.5
35°	1155.0	1050.4	888.2	865.9	787.4	788.8	907.8	983.7	985.0	998.0	1015.0
37.5°	1118.4	999.4	784.8	822.8	750.8	750.8	877.7	949.6	947.0	951.0	974.5
40°	1075.2	919.6	693.3	766.5	716.8	712.9	841.1	913.0	903.9	902.6	935.3
42.5°	1029.4	831.9	625.2	692.0	677.6	672.3	796.6	868.5	851.5	855.5	897.3
45°	979.7	808.4	572.9	584.7	637.0	633.1	748.2	817.5	805.8	816.2	859.4
47.5°	930.0	761.3	555.9	485.3	593.9	592.5	694.6	767.8	761.3	771.8	817.5
50°	862.0	709.0	554.6	416.0	545.5	550.7	630.5	719.4	719.4	728.6	777.0
52.5°	774.4	644.9	503.6	376.7	489.2	504.9	574.2	677.6	680.2	689.3	732.5
55°	694.6	578.2	467.0	346.6	422.5	456.5	519.3	634.4	639.6	648.8	688.0
57.5°	621.3	481.4	459.1	311.3	361.0	393.7	470.9	592.5	595.2	603.0	640.9
60°	542.8	347.9	421.2	273.4	307.4	332.2	426.4	542.8	552.0	557.2	589.9
62.5°	453.9	252.5	382.0	247.2	281.2	286.5	389.8	495.8	507.5	511.4	531.1
65°	323.1	211.9	324.4	225.0	253.8	255.1	350.6	447.4	457.8	464.4	478.7
67.5°	218.4	172.7	247.2	204.1	232.8	234.1	312.6	391.1	405.5	410.7	419.9
70°	151.7	115.1	183.1	181.8	209.3	211.9	272.1	340.1	353.2	357.1	362.3
72.5°	111.2	92.9	151.7	163.5	184.4	187.1	230.2	282.5	295.6	299.5	302.2
75°	85.0	98.1	123.0	142.6	157.0	158.3	188.4	230.2	239.4	242.0	243.3
77.5°	68.0	91.6	90.3	115.1	128.2	125.6	147.8	177.9	185.7	185.7	185.7
80°	51.0	71.9	68.0	82.4	94.2	91.6	106.0	126.9	129.5	132.1	130.8
82.5°	37.9	45.8	45.8	52.3	62.8	60.2	70.6	82.4	82.4	82.4	85.0
85°	23.5	26.2	20.9	27.5	35.3	34.0	39.2	44.5	45.8	45.8	43.2
87.5°	14.4	11.8	6.5	10.5	15.7	15.7	18.3	19.6	18.3	18.3	18.3
90°	14.1	9.8	5.4	9.8	14.1	15.3	24.0	35.6	41.3	36.7	27.6
92.5°	95.7	58.8	21.8	58.8	95.7	105.0	147.6	204.4	232.8	204.1	146.5
95°	187.7	119.9	52.2	119.9	187.7	204.6	363.3	574.8	680.6	607.4	460.8
97.5°	209.8	150.1	90.3	150.1	209.8	224.7	489.3	842.1	1018.5	972.2	879.6
100°	228.0	173.9	119.7	173.9	228.0	241.6	535.2	926.6	1122.4	1125.8	1132.6
102.5°	245.8	195.3	144.8	195.3	245.8	258.5	556.3	953.3	1151.8	1210.8	1328.8
105°	272.8	230.0	187.1	230.0	272.8	283.5	571.9	956.4	1148.6	1280.8	1545.3
107.5°	310.5	270.6	230.7	270.6	310.5	320.5	574.8	913.7	1083.2	1267.8	1636.7
110°	332.2	296.1	260.0	296.1	332.2	341.1	570.4	876.0	1028.8	1235.1	1647.6



TEST NUMBER: P935138

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	357.6	323.3	288.9	323.3	357.6	366.2	570.6	843.1	979.3	1190.4	1612.7
115°	395.7	364.1	332.4	364.1	395.7	403.7	575.8	805.2	920.0	1123.4	1530.2
117.5°	433.0	404.2	375.4	404.2	433.0	440.1	586.4	781.6	879.2	1062.7	1429.8
120°	454.6	427.6	400.4	427.6	454.6	461.4	595.3	773.7	862.9	1030.6	1366.0
122.5°	479.6	452.2	424.9	452.2	479.6	486.4	607.7	769.5	850.4	1001.4	1303.4
125°	512.3	487.4	462.4	487.4	512.3	518.5	624.6	766.1	836.8	965.1	1221.6
127.5°	543.3	518.1	493.0	518.1	543.3	549.6	641.5	764.1	825.4	935.5	1155.8
130°	563.4	536.4	509.3	536.4	563.4	570.2	653.9	765.3	821.0	919.0	1115.2
132.5°	580.3	553.2	526.1	553.2	580.3	587.1	663.8	766.1	817.2	905.0	1080.5
135°	600.5	575.8	551.1	575.8	600.5	606.7	674.7	765.3	810.6	884.2	1031.2
137.5°	625.6	601.1	576.7	601.1	625.6	631.7	691.0	770.1	809.6	871.8	996.0
140°	643.0	620.5	598.0	620.5	643.0	648.5	700.9	770.8	805.8	859.5	966.8
142.5°	655.9	635.1	614.3	635.1	655.9	661.1	709.3	773.6	805.8	852.9	947.2
145°	675.6	657.4	639.3	657.4	675.6	680.1	720.2	773.7	800.4	838.9	916.1
147.5°	699.5	681.9	664.3	681.9	699.5	704.0	736.1	778.9	800.4	830.7	891.4
150°	712.5	696.6	680.6	696.6	712.5	716.6	744.5	781.7	800.4	826.0	877.2
152.5°	721.7	709.7	697.5	709.7	721.7	724.7	749.9	783.5	800.4	822.2	866.0
155°	740.4	731.5	722.6	731.5	740.4	742.6	761.9	787.5	800.4	817.8	852.6
157.5°	758.4	749.8	741.1	749.8	758.4	760.6	773.8	791.5	800.4	813.9	841.0
160°	767.1	760.3	753.5	760.3	767.1	768.8	779.3	793.4	800.4	812.0	835.1
162.5°	776.2	771.1	766.1	771.1	776.2	777.5	785.1	795.3	800.4	810.1	829.7
165°	788.8	784.2	779.7	784.2	788.8	790.0	793.5	798.1	800.4	807.3	821.4
167.5°	796.5	794.3	792.2	794.3	796.5	797.0	799.9	803.8	805.8	810.4	819.5
170°	804.7	802.5	800.4	802.5	804.7	805.2	805.4	805.7	805.8	810.4	819.5
172.5°	805.7	805.1	804.7	805.1	805.7	805.8	805.8	805.8	805.8	809.4	816.7
175°	810.6	810.6	810.6	810.6	810.6	810.6	809.0	806.8	805.8	808.0	812.6
177.5°	810.6	810.6	810.6	810.6	810.6	810.6	809.4	807.8	806.9	808.7	812.3
180°	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6



TEST NUMBER: P935138

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6
2.5°	1334.2	1330.3	1335.5	1321.1	1335.5	1330.3	1334.2	1343.4	1335.5	1340.8	1346.0
5°	1170.7	1164.2	1143.2	1126.2	1143.2	1164.2	1170.7	1198.2	1211.3	1234.8	1266.2
7.5°	1046.4	1041.2	1036.0	1025.5	1036.0	1041.2	1046.4	1054.3	1067.4	1088.3	1111.8
10°	1019.0	1020.3	1028.1	1026.8	1028.1	1020.3	1019.0	1016.4	1012.4	1016.4	1030.7
12.5°	1089.6	1101.4	1144.5	1141.9	1144.5	1101.4	1089.6	1037.3	1002.0	995.4	998.0
15°	1170.7	1174.6	1183.8	1185.1	1183.8	1174.6	1170.7	1149.8	1043.8	998.0	983.7
17.5°	1178.6	1179.9	1186.4	1186.4	1186.4	1179.9	1178.6	1169.4	1134.1	1072.6	991.5
20°	1172.0	1174.6	1187.7	1190.3	1187.7	1174.6	1172.0	1160.2	1140.6	1118.4	1056.9
22.5°	1169.4	1174.6	1185.1	1183.8	1185.1	1174.6	1169.4	1151.1	1134.1	1118.4	1093.5
25°	1156.3	1156.3	1157.6	1158.9	1157.6	1156.3	1156.3	1141.9	1107.9	1104.0	1089.6
27.5°	1128.8	1131.5	1139.3	1138.0	1139.3	1131.5	1128.8	1123.6	1087.0	1083.1	1072.6
30°	1104.0	1101.4	1094.8	1089.6	1094.8	1101.4	1104.0	1096.1	1059.5	1049.1	1051.7
32.5°	1062.1	1055.6	1049.1	1045.1	1049.1	1055.6	1062.1	1059.5	1032.1	1017.7	1020.3
35°	1012.4	1013.7	1012.4	1008.5	1012.4	1013.7	1012.4	1015.0	998.0	985.0	983.7
37.5°	977.1	979.7	978.4	973.2	978.4	979.7	977.1	974.5	951.0	947.0	949.6
40°	940.5	941.8	940.5	936.6	940.5	941.8	940.5	935.3	902.6	903.9	913.0
42.5°	905.2	903.9	899.9	897.3	899.9	903.9	905.2	897.3	855.5	851.5	868.5
45°	864.6	865.9	858.1	854.2	858.1	865.9	864.6	859.4	816.2	805.8	817.5
47.5°	824.1	824.1	817.5	813.6	817.5	824.1	824.1	817.5	771.8	761.3	767.8
50°	780.9	779.6	770.4	769.1	770.4	779.6	780.9	777.0	728.6	719.4	719.4
52.5°	731.2	731.2	732.5	735.1	732.5	731.2	731.2	732.5	689.3	680.2	677.6
55°	688.0	689.3	698.5	701.1	698.5	689.3	688.0	688.0	648.8	639.6	634.4
57.5°	643.6	643.6	650.1	650.1	650.1	643.6	643.6	640.9	603.0	595.2	592.5
60°	592.5	595.2	600.4	599.1	600.4	595.2	592.5	589.9	557.2	552.0	542.8
62.5°	538.9	541.5	542.8	540.2	542.8	541.5	538.9	531.1	511.4	507.5	495.8
65°	482.7	485.3	486.6	484.0	486.6	485.3	482.7	478.7	464.4	457.8	447.4
67.5°	425.1	423.8	422.5	427.7	422.5	423.8	425.1	419.9	410.7	405.5	391.1
70°	366.3	366.3	364.9	367.6	364.9	366.3	366.3	362.3	357.1	353.2	340.1
72.5°	303.5	302.2	307.4	303.5	307.4	302.2	303.5	302.2	299.5	295.6	282.5
75°	242.0	244.6	242.0	245.9	242.0	244.6	242.0	243.3	242.0	239.4	230.2
77.5°	184.4	187.1	184.4	184.4	184.4	187.1	184.4	185.7	185.7	185.7	177.9
80°	130.8	129.5	129.5	128.2	129.5	129.5	130.8	130.8	132.1	129.5	126.9
82.5°	83.7	82.4	82.4	85.0	82.4	82.4	83.7	85.0	82.4	82.4	82.4
85°	45.8	47.1	44.5	44.5	44.5	47.1	45.8	43.2	45.8	45.8	44.5
87.5°	17.0	15.7	15.7	15.7	15.7	15.7	17.0	18.3	18.3	18.3	19.6
90°	20.7	20.7	20.7	20.7	20.7	20.7	20.7	27.6	36.7	41.3	35.6
92.5°	103.3	99.2	82.8	66.4	82.8	99.2	103.3	146.5	204.1	232.8	204.4
95°	350.9	338.4	288.6	238.9	288.6	338.4	350.9	460.8	607.4	680.6	574.8
97.5°	810.1	786.4	691.6	596.8	691.6	786.4	810.1	879.6	972.2	1018.5	842.1
100°	1137.7	1109.4	996.5	883.5	996.5	1109.4	1137.7	1132.6	1125.8	1122.4	926.6
102.5°	1417.3	1393.2	1296.4	1199.7	1296.4	1393.2	1417.3	1328.8	1210.8	1151.8	953.3
105°	1743.7	1730.7	1678.8	1626.8	1678.8	1730.7	1743.7	1545.3	1280.8	1148.6	956.4
107.5°	1913.5	1916.6	1929.3	1941.8	1929.3	1916.6	1913.5	1636.7	1267.8	1083.2	913.7
110°	1957.0	1970.5	2024.8	2078.9	2024.8	1970.5	1957.0	1647.6	1235.1	1028.8	876.0



TEST NUMBER: P935138

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1929.3	1950.0	2033.2	2116.4	2033.2	1950.0	1929.3	1612.7	1190.4	979.3	843.1
115°	1835.2	1864.1	1979.3	2094.7	1979.3	1864.1	1835.2	1530.2	1123.4	920.0	805.2
117.5°	1705.1	1737.1	1865.0	1992.9	1865.0	1737.1	1705.1	1429.8	1062.7	879.2	781.6
120°	1617.5	1648.6	1772.9	1897.2	1772.9	1648.6	1617.5	1366.0	1030.6	862.9	773.7
122.5°	1529.9	1560.6	1683.2	1805.8	1683.2	1560.6	1529.9	1303.4	1001.4	850.4	769.5
125°	1414.1	1442.3	1555.2	1668.1	1555.2	1442.3	1414.1	1221.6	965.1	836.8	766.1
127.5°	1321.0	1344.9	1440.2	1535.4	1440.2	1344.9	1321.0	1155.8	935.5	825.4	764.1
130°	1262.3	1284.2	1372.3	1460.3	1372.3	1284.2	1262.3	1115.2	919.0	821.0	765.3
132.5°	1212.2	1231.9	1310.8	1389.6	1310.8	1231.9	1212.2	1080.5	905.0	817.2	766.1
135°	1141.5	1158.5	1226.4	1294.4	1226.4	1158.5	1141.5	1031.2	884.2	810.6	765.3
137.5°	1089.3	1103.1	1158.8	1214.4	1158.8	1103.1	1089.3	996.0	871.8	809.6	770.1
140°	1047.3	1060.3	1112.4	1164.3	1112.4	1060.3	1047.3	966.8	859.5	805.8	770.8
142.5°	1017.9	1029.1	1073.9	1118.6	1073.9	1029.1	1017.9	947.2	852.9	805.8	773.6
145°	973.9	982.3	1016.3	1050.1	1016.3	982.3	973.9	916.1	838.9	800.4	773.7
147.5°	936.9	943.9	972.0	1000.0	972.0	943.9	936.9	891.4	830.7	800.4	778.9
150°	915.6	921.3	944.1	966.8	944.1	921.3	915.6	877.2	826.0	800.4	781.7
152.5°	898.8	903.1	920.3	937.4	920.3	903.1	898.8	866.0	822.2	800.4	783.5
155°	878.7	881.5	892.9	904.2	892.9	881.5	878.7	852.6	817.8	800.4	787.5
157.5°	861.3	863.3	871.2	879.2	871.2	863.3	861.3	841.0	813.9	800.4	791.5
160°	852.6	853.7	858.3	862.9	858.3	853.7	852.6	835.1	812.0	800.4	793.4
162.5°	844.4	845.4	849.8	854.2	849.8	845.4	844.4	829.7	810.1	800.4	795.3
165°	831.9	833.1	837.7	842.2	837.7	833.1	831.9	821.4	807.3	800.4	798.1
167.5°	826.4	826.9	828.9	830.8	828.9	826.9	826.4	819.5	810.4	805.8	803.8
170°	826.4	826.4	826.4	826.4	826.4	826.4	826.4	819.5	810.4	805.8	805.7
172.5°	822.1	821.6	820.0	818.3	820.0	821.6	822.1	816.7	809.4	805.8	805.8
175°	816.1	816.1	816.1	816.1	816.1	816.1	816.1	812.6	808.0	805.8	806.8
177.5°	815.0	814.5	812.6	810.6	812.6	814.5	815.0	812.3	808.7	806.9	807.8
180°	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6



TEST NUMBER: P935138

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1382.6	1382.6	1382.6	1382.6	1382.6
2.5°	1365.6	1372.1	1376.1	1381.3	1394.4
5°	1313.3	1338.1	1346.0	1365.6	1389.2
7.5°	1198.2	1274.0	1295.0	1342.1	1378.7
10°	1087.0	1162.9	1199.5	1310.7	1365.6
12.5°	1030.7	1075.2	1100.1	1255.7	1347.3
15°	995.4	1026.8	1045.1	1182.5	1326.4
17.5°	968.0	990.2	1003.3	1110.5	1297.6
20°	951.0	961.4	973.2	1058.2	1264.9
22.5°	939.2	932.6	941.8	1021.6	1220.4
25°	931.3	906.5	916.9	992.8	1168.1
27.5°	937.9	882.9	886.9	966.6	1113.2
30°	939.2	854.2	855.5	939.2	1051.7
32.5°	930.0	824.1	825.4	905.2	982.3
35°	907.8	788.8	787.4	865.9	888.2
37.5°	877.7	750.8	750.8	822.8	784.8
40°	841.1	712.9	716.8	766.5	693.3
42.5°	796.6	672.3	677.6	692.0	625.2
45°	748.2	633.1	637.0	584.7	572.9
47.5°	694.6	592.5	593.9	485.3	555.9
50°	630.5	550.7	545.5	416.0	554.6
52.5°	574.2	504.9	489.2	376.7	503.6
55°	519.3	456.5	422.5	346.6	467.0
57.5°	470.9	393.7	361.0	311.3	459.1
60°	426.4	332.2	307.4	273.4	421.2
62.5°	389.8	286.5	281.2	247.2	382.0
65°	350.6	255.1	253.8	225.0	324.4
67.5°	312.6	234.1	232.8	204.1	247.2
70°	272.1	211.9	209.3	181.8	183.1
72.5°	230.2	187.1	184.4	163.5	151.7
75°	188.4	158.3	157.0	142.6	123.0
77.5°	147.8	125.6	128.2	115.1	90.3
80°	106.0	91.6	94.2	82.4	68.0
82.5°	70.6	60.2	62.8	52.3	45.8
85°	39.2	34.0	35.3	27.5	20.9
87.5°	18.3	15.7	15.7	10.5	6.5
90°	24.0	15.3	14.1	9.8	5.4
92.5°	147.6	105.0	95.7	58.8	21.8
95°	363.3	204.6	187.7	119.9	52.2
97.5°	489.3	224.7	209.8	150.1	90.3
100°	535.2	241.6	228.0	173.9	119.7
102.5°	556.3	258.5	245.8	195.3	144.8
105°	571.9	283.5	272.8	230.0	187.1
107.5°	574.8	320.5	310.5	270.6	230.7
110°	570.4	341.1	332.2	296.1	260.0



TEST NUMBER: P935138

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	570.6	366.2	357.6	323.3	288.9
115°	575.8	403.7	395.7	364.1	332.4
117.5°	586.4	440.1	433.0	404.2	375.4
120°	595.3	461.4	454.6	427.6	400.4
122.5°	607.7	486.4	479.6	452.2	424.9
125°	624.6	518.5	512.3	487.4	462.4
127.5°	641.5	549.6	543.3	518.1	493.0
130°	653.9	570.2	563.4	536.4	509.3
132.5°	663.8	587.1	580.3	553.2	526.1
135°	674.7	606.7	600.5	575.8	551.1
137.5°	691.0	631.7	625.6	601.1	576.7
140°	700.9	648.5	643.0	620.5	598.0
142.5°	709.3	661.1	655.9	635.1	614.3
145°	720.2	680.1	675.6	657.4	639.3
147.5°	736.1	704.0	699.5	681.9	664.3
150°	744.5	716.6	712.5	696.6	680.6
152.5°	749.9	724.7	721.7	709.7	697.5
155°	761.9	742.6	740.4	731.5	722.6
157.5°	773.8	760.6	758.4	749.8	741.1
160°	779.3	768.8	767.1	760.3	753.5
162.5°	785.1	777.5	776.2	771.1	766.1
165°	793.5	790.0	788.8	784.2	779.7
167.5°	799.9	797.0	796.5	794.3	792.2
170°	805.4	805.2	804.7	802.5	800.4
172.5°	805.8	805.8	805.7	805.1	804.7
175°	809.0	810.6	810.6	810.6	810.6
177.5°	809.4	810.6	810.6	810.6	810.6
180°	810.6	810.6	810.6	810.6	810.6



TEST NUMBER: P935138
 CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-3000K

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	11.32	12.10	12.35	13.14	14.54	14.14	14.93	15.18	15.97	17.37
	3H	11.79	12.49	12.84	13.54	14.96	15.48	16.18	16.53	17.23	18.65
	4H	11.98	12.64	13.03	13.69	15.12	15.92	16.59	16.98	17.64	19.06
	6H	12.09	12.71	13.16	13.76	15.20	16.20	16.81	17.27	17.87	19.31
	8H	12.09	12.67	13.16	13.75	15.18	16.27	16.85	17.34	17.93	19.36
	12H	12.06	12.61	13.14	13.68	15.14	16.31	16.86	17.38	17.93	19.38
4H	2H	12.34	13.01	13.40	14.06	15.48	14.54	15.21	15.61	16.26	17.69
	3H	13.36	13.91	14.43	14.99	16.43	16.04	16.59	17.11	17.67	19.11
	4H	13.63	14.14	14.71	15.21	16.67	16.56	17.07	17.64	18.14	19.60
	6H	13.75	14.19	14.84	15.28	16.74	16.92	17.36	18.01	18.45	19.91
	8H	13.76	14.17	14.84	15.25	16.72	17.03	17.43	18.11	18.52	19.99
	12H	13.72	14.09	14.83	15.19	16.67	17.08	17.45	18.18	18.55	20.02
8H	4H	14.08	14.49	15.17	15.57	17.04	16.68	17.09	17.77	18.18	19.65
	6H	14.34	14.67	15.45	15.80	17.27	17.11	17.45	18.22	18.58	20.05
	8H	14.38	14.68	15.50	15.78	17.27	17.26	17.56	18.38	18.67	20.16
	12H	14.36	14.62	15.48	15.73	17.25	17.36	17.62	18.48	18.72	20.25
12H	4H	14.08	14.45	15.19	15.55	17.03	16.64	17.01	17.75	18.11	19.59
	6H	14.40	14.69	15.51	15.80	17.29	17.11	17.41	18.23	18.52	20.00
	8H	14.46	14.72	15.58	15.83	17.35	17.27	17.53	18.39	18.63	20.16