

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: P935445

Luminaire Tested: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935445
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-8-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

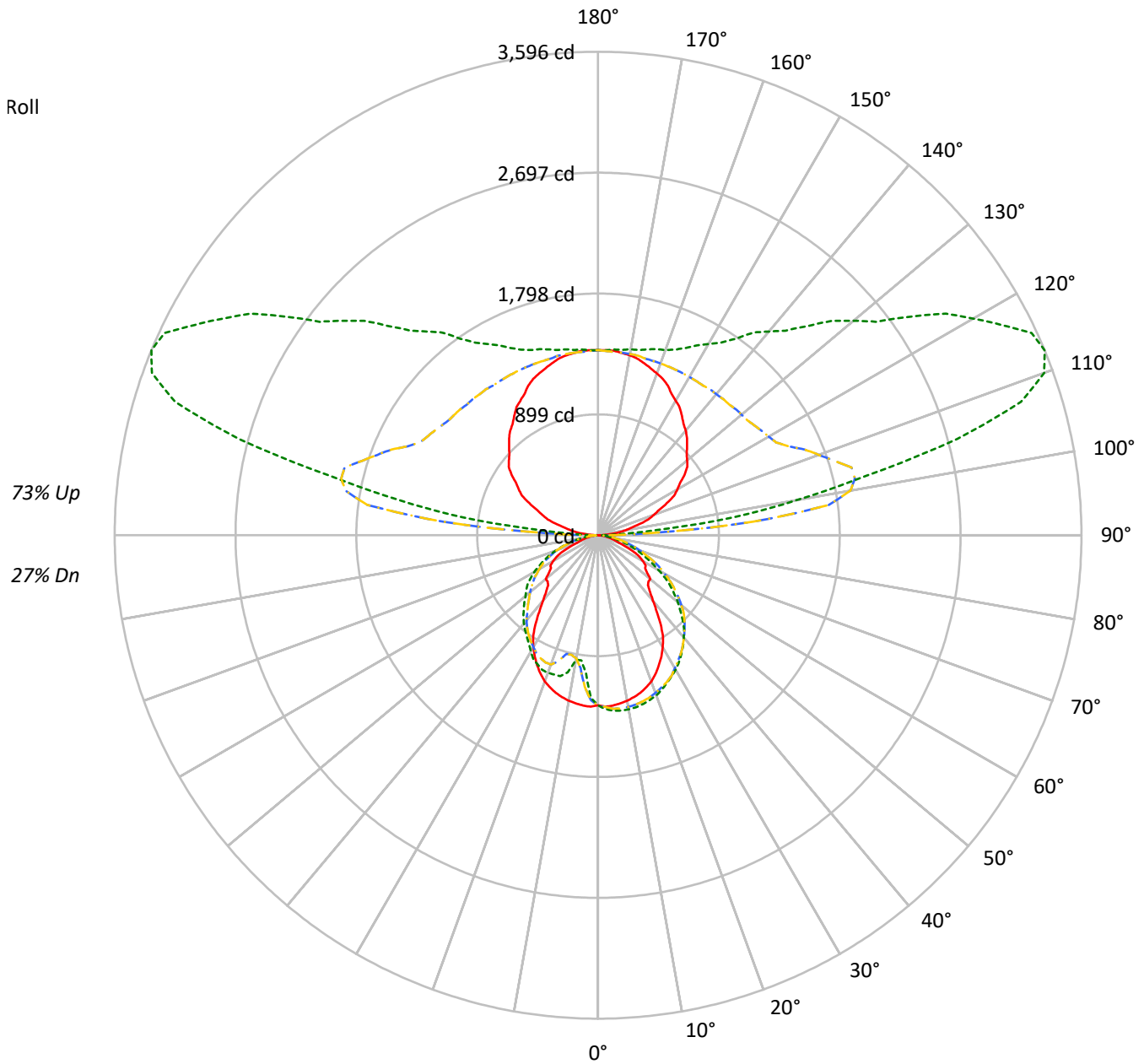
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12214.6 lumens
Efficiency: N/A
Efficacy: 128.3 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

TEST NUMBER: P935445
CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-3500K

Luminous Intensity Polar Plot



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



TEST NUMBER: P935445

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-3500K

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5872	5872	5872	5872
5°	5915	5927	5915	4661
10°	5876	5839	5876	4174
15°	5812	5712	5812	4769
20°	5690	5562	5690	4779
25°	5442	5343	5442	4678
30°	5120	5162	5120	4456
35°	4564	4932	4564	4212
40°	3804	4662	3804	4027
45°	3398	4346	3398	3814
50°	3610	3969	3610	3601
55°	3397	3562	3397	3478
60°	3501	3026	3501	3185
65°	3174	2501	3174	2796
70°	2198	1994	2198	2343
75°	1929	1474	1929	1764
80°	1552	974	1552	1060
85°	894	516	894	438

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5208 cd/sqm



TEST NUMBER: P935445

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	114.2	0.9
10°-20°	324.3	2.7
20°-30°	501.4	4.1
30°-40°	598.5	4.9
40°-50°	602.0	4.9
50°-60°	523.8	4.3
60°-70°	371.4	3.0
70°-80°	196.5	1.6
80°-90°	54.2	0.4
90°-100°	671.3	5.5
100°-110°	1765.0	14.4
110°-120°	1830.1	15.0
120°-130°	1468.0	12.0
130°-140°	1151.8	9.4
140°-150°	884.1	7.2
150°-160°	636.7	5.2
160°-170°	389.6	3.2
170°-180°	131.6	1.1
0°-30°	940.0	7.7
0°-40°	1538.5	12.6
0°-60°	2664.4	21.8
0°-90°	3286.5	26.9
90°-120°	4266.4	34.9
90°-150°	7770.2	63.6
90°-180°	8928.0	73.1
0°-180°	12214.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1266	1266	1266	1266	1266	
5°	1272	1311	1272	1031	1272	121
15°	1214	1299	1214	1085	1214	342
25°	1069	1212	1069	1061	1069	491
35°	813	1081	813	923	813	503
45°	524	891	524	782	524	420
55°	427	657	427	642	427	393
65°	297	396	297	443	297	284
75°	113	188	113	225	113	118
85°	19	48	19	41	19	26
90°	9	35	9	35	9	8
95°	89	406	89	406	89	99
105°	318	2764	318	2764	318	337
115°	565	3559	565	3559	565	558
125°	786	2834	786	2834	786	698
135°	936	2199	936	2199	936	724
145°	1086	1784	1086	1784	1086	680
155°	1228	1536	1228	1536	1228	564
165°	1325	1431	1325	1431	1325	374
175°	1377	1386	1377	1386	1377	131
180°	1377	1377	1377	1377	1377	



TEST NUMBER: P935445

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1265.6	1265.6	1265.6	1265.6	1265.6	1265.6	1265.6	1265.6	1265.6	1265.6	1265.6
2.5°	1276.3	1276.3	1283.5	1285.9	1285.9	1282.2	1278.7	1282.2	1293.0	1296.6	1295.5
5°	1271.5	1281.1	1294.3	1296.6	1299.0	1297.9	1295.5	1297.9	1309.8	1312.2	1313.4
7.5°	1261.9	1279.9	1296.6	1300.3	1303.9	1300.3	1299.0	1301.4	1313.4	1315.8	1315.8
10°	1249.9	1275.1	1294.3	1296.6	1300.3	1296.6	1296.6	1301.4	1313.4	1315.8	1317.0
12.5°	1233.2	1267.9	1285.9	1288.2	1293.0	1291.9	1290.6	1295.5	1307.4	1309.8	1309.8
15°	1214.1	1254.8	1271.5	1273.9	1282.2	1279.9	1279.9	1284.7	1297.9	1301.4	1300.3
17.5°	1187.7	1238.0	1257.2	1260.7	1266.7	1265.6	1266.7	1271.5	1283.5	1285.9	1287.1
20°	1157.7	1215.2	1238.0	1241.5	1247.5	1247.5	1247.5	1253.5	1265.6	1270.3	1270.3
22.5°	1117.0	1191.3	1215.2	1217.6	1224.9	1224.9	1227.2	1235.6	1246.4	1247.5	1247.5
25°	1069.2	1165.0	1185.3	1192.5	1199.7	1203.3	1206.8	1211.6	1215.2	1214.1	1215.2
27.5°	1018.9	1131.4	1157.7	1162.5	1172.1	1175.8	1180.5	1181.7	1182.9	1186.5	1184.1
30°	962.6	1084.7	1124.3	1129.1	1144.6	1147.0	1142.2	1144.6	1150.6	1153.0	1155.4
32.5°	899.1	1015.3	1089.5	1100.3	1114.7	1107.5	1106.3	1109.9	1119.4	1119.4	1121.8
35°	812.9	961.4	1057.2	1066.8	1077.6	1069.2	1074.0	1075.2	1081.1	1084.7	1083.6
37.5°	718.4	914.8	1023.7	1030.9	1039.3	1028.5	1035.6	1039.3	1044.0	1041.6	1041.6
40°	634.6	841.7	984.2	988.9	996.2	987.8	994.9	997.3	999.7	997.3	996.2
42.5°	572.3	761.5	942.2	948.2	943.4	949.5	951.8	956.6	953.1	948.2	948.2
45°	524.4	739.9	896.7	904.0	896.7	906.4	909.9	909.9	899.1	896.7	895.6
47.5°	508.9	696.8	851.3	851.3	847.6	859.7	865.7	857.3	846.5	842.9	842.9
50°	507.6	648.9	789.0	784.3	800.9	815.3	809.3	800.9	792.6	779.4	779.4
52.5°	460.9	590.3	708.8	726.8	753.1	761.5	751.9	743.6	729.2	723.1	718.4
55°	427.4	529.2	635.7	671.7	699.2	710.0	692.0	683.7	662.1	658.5	656.1
57.5°	420.2	440.6	568.7	614.2	647.7	646.5	635.7	620.2	602.3	598.7	597.4
60°	385.5	318.5	496.8	550.7	585.5	581.9	572.3	557.9	541.2	538.8	536.4
62.5°	349.6	231.1	415.4	476.5	525.6	524.4	516.0	494.5	482.5	476.5	471.7
65°	296.9	194.0	295.7	396.3	466.9	469.3	451.4	435.8	422.7	415.4	414.3
67.5°	226.3	158.1	199.9	330.4	410.7	408.3	385.5	378.4	361.6	358.0	350.8
70°	167.6	105.3	138.9	268.2	355.6	349.6	331.6	323.3	307.7	299.3	294.6
72.5°	138.9	85.0	101.8	208.3	299.3	292.2	276.5	267.0	253.9	246.6	241.8
75°	112.6	89.8	77.8	154.4	243.1	238.2	223.9	214.3	203.5	194.0	195.1
77.5°	82.7	83.8	62.2	113.7	192.8	185.6	177.2	165.2	160.4	150.9	150.9
80°	62.2	65.9	46.7	77.8	138.9	138.9	131.7	123.4	115.0	110.1	110.1
82.5°	41.9	41.9	34.7	49.1	94.6	91.0	86.2	83.8	79.0	76.6	76.6
85°	19.2	23.9	21.5	29.9	51.5	53.9	53.9	51.5	50.3	47.9	49.1
87.5°	6.0	10.8	13.2	16.8	26.3	27.6	28.7	28.7	28.7	29.9	29.9
90°	9.3	16.7	24.0	25.9	40.7	60.4	70.2	62.4	46.8	35.1	35.1
92.5°	37.0	99.8	162.7	178.4	250.8	347.3	395.6	346.7	249.0	175.6	168.6
95°	88.7	203.8	318.8	347.6	617.2	976.6	1156.3	1031.9	782.9	596.2	575.0
97.5°	153.4	254.9	356.4	381.8	831.3	1430.7	1730.3	1651.7	1494.3	1376.3	1336.1
100°	203.3	295.4	387.4	410.4	909.2	1574.3	1906.9	1912.6	1924.1	1932.8	1884.9
102.5°	245.8	331.7	417.6	439.1	945.0	1619.6	1956.8	2057.0	2257.5	2407.8	2366.8
105°	318.0	390.7	463.4	481.6	971.4	1624.7	1951.3	2175.9	2625.4	2962.4	2940.4
107.5°	391.9	459.7	527.4	544.4	976.3	1552.4	1840.3	2153.8	2780.7	3250.8	3256.2
110°	441.8	503.1	564.3	579.6	969.0	1488.3	1747.9	2098.4	2799.2	3324.7	3347.8



TEST NUMBER: P935445

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	490.9	549.1	607.5	622.1	969.3	1432.3	1663.8	2022.4	2739.6	3277.6	3313.0
115°	564.8	618.6	672.3	685.8	978.2	1368.1	1563.1	1908.5	2599.5	3117.7	3166.7
117.5°	637.8	686.7	735.5	747.7	996.4	1328.0	1493.7	1805.5	2429.1	2896.8	2951.2
120°	680.3	726.3	772.3	783.8	1011.2	1314.4	1465.9	1750.9	2320.6	2748.0	2800.8
122.5°	721.9	768.3	814.7	826.3	1032.4	1307.2	1444.7	1701.2	2214.4	2599.2	2651.3
125°	785.7	828.0	870.3	880.8	1061.1	1301.4	1421.6	1639.6	2075.4	2402.3	2450.2
127.5°	837.5	880.2	922.9	933.6	1089.8	1298.0	1402.2	1589.3	1963.6	2244.2	2284.7
130°	865.1	911.2	957.2	968.7	1110.7	1300.1	1394.8	1561.4	1894.6	2144.4	2181.8
132.5°	893.8	939.8	985.8	997.3	1127.6	1301.4	1388.3	1537.4	1835.7	2059.4	2092.8
135°	936.4	978.2	1020.2	1030.6	1146.1	1300.2	1377.2	1502.1	1751.9	1939.2	1968.0
137.5°	979.7	1021.2	1062.8	1073.1	1173.9	1308.2	1375.3	1480.9	1692.1	1850.5	1874.1
140°	1015.8	1054.0	1092.2	1101.8	1190.8	1309.6	1368.9	1460.1	1642.5	1779.3	1801.4
142.5°	1043.6	1078.9	1114.2	1123.0	1204.9	1314.3	1368.9	1449.0	1609.2	1729.4	1748.4
145°	1086.1	1116.8	1147.7	1155.4	1223.5	1314.3	1359.6	1425.2	1556.3	1654.6	1668.9
147.5°	1128.6	1158.6	1188.6	1196.1	1250.6	1323.3	1359.6	1411.2	1514.3	1591.7	1603.6
150°	1156.3	1183.4	1210.6	1217.4	1264.8	1328.0	1359.6	1403.2	1490.3	1555.7	1565.3
152.5°	1185.0	1205.5	1226.0	1231.2	1274.0	1331.1	1359.6	1396.9	1471.2	1527.0	1534.3
155°	1227.5	1242.7	1257.9	1261.7	1294.4	1337.9	1359.6	1389.3	1448.5	1492.8	1497.6
157.5°	1259.0	1273.7	1288.5	1292.2	1314.7	1344.6	1359.6	1382.7	1428.6	1463.2	1466.6
160°	1280.2	1291.7	1303.2	1306.1	1323.9	1347.8	1359.6	1379.4	1418.8	1448.4	1450.3
162.5°	1301.4	1310.0	1318.7	1320.8	1333.8	1351.0	1359.6	1376.2	1409.5	1434.5	1436.4
165°	1324.6	1332.4	1340.2	1342.1	1347.9	1355.7	1359.6	1371.6	1395.4	1413.3	1415.2
167.5°	1345.8	1349.5	1353.2	1354.1	1359.0	1365.6	1368.9	1376.7	1392.3	1404.0	1404.8
170°	1359.6	1363.4	1367.1	1368.0	1368.3	1368.7	1368.9	1376.7	1392.3	1404.0	1404.0
172.5°	1367.0	1367.9	1368.7	1368.9	1368.9	1368.9	1368.9	1375.1	1387.4	1396.7	1396.0
175°	1377.2	1377.2	1377.2	1377.2	1374.5	1370.8	1368.9	1372.8	1380.6	1386.5	1386.5
177.5°	1377.2	1377.2	1377.2	1377.2	1375.1	1372.2	1370.8	1373.8	1380.0	1384.6	1383.8
180°	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2



TEST NUMBER: P935445

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1265.6	1265.6	1265.6	1265.6	1265.6	1265.6	1265.6	1265.6	1265.6	1265.6	1265.6
2.5°	1297.9	1294.3	1297.9	1295.5	1296.6	1293.0	1282.2	1278.7	1282.2	1285.9	1285.9
5°	1313.4	1311.0	1313.4	1313.4	1312.2	1309.8	1297.9	1295.5	1297.9	1299.0	1296.6
7.5°	1318.2	1314.7	1318.2	1315.8	1315.8	1313.4	1301.4	1299.0	1300.3	1303.9	1300.3
10°	1318.2	1314.7	1318.2	1317.0	1315.8	1313.4	1301.4	1296.6	1296.6	1300.3	1296.6
12.5°	1312.2	1309.8	1312.2	1309.8	1309.8	1307.4	1295.5	1290.6	1291.9	1293.0	1288.2
15°	1302.6	1299.0	1302.6	1300.3	1301.4	1297.9	1284.7	1279.9	1279.9	1282.2	1273.9
17.5°	1288.2	1283.5	1288.2	1287.1	1285.9	1283.5	1271.5	1266.7	1265.6	1266.7	1260.7
20°	1271.5	1267.9	1271.5	1270.3	1270.3	1265.6	1253.5	1247.5	1247.5	1247.5	1241.5
22.5°	1245.2	1241.5	1245.2	1247.5	1247.5	1246.4	1235.6	1227.2	1224.9	1224.9	1217.6
25°	1215.2	1211.6	1215.2	1215.2	1214.1	1215.2	1211.6	1206.8	1203.3	1199.7	1192.5
27.5°	1186.5	1184.1	1186.5	1184.1	1186.5	1182.9	1181.7	1180.5	1175.8	1172.1	1162.5
30°	1157.7	1155.4	1157.7	1155.4	1153.0	1150.6	1144.6	1142.2	1147.0	1144.6	1129.1
32.5°	1121.8	1119.4	1121.8	1121.8	1119.4	1119.4	1109.9	1106.3	1107.5	1114.7	1100.3
35°	1084.7	1081.1	1084.7	1083.6	1084.7	1081.1	1075.2	1074.0	1069.2	1077.6	1066.8
37.5°	1041.6	1038.0	1041.6	1041.6	1041.6	1044.0	1039.3	1035.6	1028.5	1039.3	1030.9
40°	997.3	992.5	997.3	996.2	997.3	999.7	997.3	994.9	987.8	996.2	988.9
42.5°	947.1	945.8	947.1	948.2	948.2	953.1	956.6	951.8	949.5	943.4	948.2
45°	893.2	890.7	893.2	895.6	896.7	899.1	909.9	909.9	906.4	896.7	904.0
47.5°	835.7	829.7	835.7	842.9	842.9	846.5	857.3	865.7	859.7	847.6	851.3
50°	774.6	775.9	774.6	779.4	779.4	792.6	800.9	809.3	815.3	800.9	784.3
52.5°	714.8	713.6	714.8	718.4	723.1	729.2	743.6	751.9	761.5	753.1	726.8
55°	654.9	657.3	654.9	656.1	658.5	662.1	683.7	692.0	710.0	699.2	671.7
57.5°	595.0	591.5	595.0	597.4	598.7	602.3	620.2	635.7	646.5	647.7	614.2
60°	525.6	520.8	525.6	536.4	538.8	541.2	557.9	572.3	581.9	585.5	550.7
62.5°	464.5	456.1	464.5	471.7	476.5	482.5	494.5	516.0	524.4	525.6	476.5
65°	399.9	396.3	399.9	414.3	415.4	422.7	435.8	451.4	469.3	466.9	396.3
67.5°	341.2	341.2	341.2	350.8	358.0	361.6	378.4	385.5	408.3	410.7	330.4
70°	287.3	286.2	287.3	294.6	299.3	307.7	323.3	331.6	349.6	355.6	268.2
72.5°	235.8	234.7	235.8	241.8	246.6	253.9	267.0	276.5	292.2	299.3	208.3
75°	190.4	188.0	190.4	195.1	194.0	203.5	214.3	223.9	238.2	243.1	154.4
77.5°	146.0	146.0	146.0	150.9	150.9	160.4	165.2	177.2	185.6	192.8	113.7
80°	109.0	107.7	109.0	110.1	110.1	115.0	123.4	131.7	138.9	138.9	77.8
82.5°	76.6	74.3	76.6	76.6	76.6	79.0	83.8	86.2	91.0	94.6	49.1
85°	47.9	47.9	47.9	49.1	47.9	50.3	51.5	53.9	53.9	51.5	29.9
87.5°	31.2	29.9	31.2	29.9	29.9	28.7	28.7	28.7	27.6	26.3	16.8
90°	35.1	35.1	35.1	35.1	35.1	46.8	62.4	70.2	60.4	40.7	25.9
92.5°	140.7	112.7	140.7	168.6	175.6	249.0	346.7	395.6	347.3	250.8	178.4
95°	490.4	405.8	490.4	575.0	596.2	782.9	1031.9	1156.3	976.6	617.2	347.6
97.5°	1175.0	1014.0	1175.0	1336.1	1376.3	1494.3	1651.7	1730.3	1430.7	831.3	381.8
100°	1692.9	1501.1	1692.9	1884.9	1932.8	1924.1	1912.6	1906.9	1574.3	909.2	410.4
102.5°	2202.5	2038.1	2202.5	2366.8	2407.8	2257.5	2057.0	1956.8	1619.6	945.0	439.1
105°	2852.0	2763.7	2852.0	2940.4	2962.4	2625.4	2175.9	1951.3	1624.7	971.4	481.6
107.5°	3277.5	3298.9	3277.5	3256.2	3250.8	2780.7	2153.8	1840.3	1552.4	976.3	544.4
110°	3439.8	3531.8	3439.8	3347.8	3324.7	2799.2	2098.4	1747.9	1488.3	969.0	579.6



TEST NUMBER: P935445

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3454.3	3595.6	3454.3	3313.0	3277.6	2739.6	2022.4	1663.8	1432.3	969.3	622.1
115°	3362.7	3558.6	3362.7	3166.7	3117.7	2599.5	1908.5	1563.1	1368.1	978.2	685.8
117.5°	3168.4	3385.8	3168.4	2951.2	2896.8	2429.1	1805.5	1493.7	1328.0	996.4	747.7
120°	3012.0	3223.1	3012.0	2800.8	2748.0	2320.6	1750.9	1465.9	1314.4	1011.2	783.8
122.5°	2859.6	3067.8	2859.6	2651.3	2599.2	2214.4	1701.2	1444.7	1307.2	1032.4	826.3
125°	2642.2	2834.0	2642.2	2450.2	2402.3	2075.4	1639.6	1421.6	1301.4	1061.1	880.8
127.5°	2446.6	2608.4	2446.6	2284.7	2244.2	1963.6	1589.3	1402.2	1298.0	1089.8	933.6
130°	2331.3	2480.9	2331.3	2181.8	2144.4	1894.6	1561.4	1394.8	1300.1	1110.7	968.7
132.5°	2226.8	2360.7	2226.8	2092.8	2059.4	1835.7	1537.4	1388.3	1301.4	1127.6	997.3
135°	2083.6	2199.0	2083.6	1968.0	1939.2	1751.9	1502.1	1377.2	1300.2	1146.1	1030.6
137.5°	1968.6	2063.1	1968.6	1874.1	1850.5	1692.1	1480.9	1375.3	1308.2	1173.9	1073.1
140°	1889.8	1978.0	1889.8	1801.4	1779.3	1642.5	1460.1	1368.9	1309.6	1190.8	1101.8
142.5°	1824.3	1900.4	1824.3	1748.4	1729.4	1609.2	1449.0	1368.9	1314.3	1204.9	1123.0
145°	1726.4	1783.9	1726.4	1668.9	1654.6	1556.3	1425.2	1359.6	1314.3	1223.5	1155.4
147.5°	1651.3	1698.9	1651.3	1603.6	1591.7	1514.3	1411.2	1359.6	1323.3	1250.6	1196.1
150°	1603.9	1642.5	1603.9	1565.3	1555.7	1490.3	1403.2	1359.6	1328.0	1264.8	1217.4
152.5°	1563.4	1592.6	1563.4	1534.3	1527.0	1471.2	1396.9	1359.6	1331.1	1274.0	1231.2
155°	1516.9	1536.2	1516.9	1497.6	1492.8	1448.5	1389.3	1359.6	1337.9	1294.4	1261.7
157.5°	1480.1	1493.7	1480.1	1466.6	1463.2	1428.6	1382.7	1359.6	1344.6	1314.7	1292.2
160°	1458.1	1465.9	1458.1	1450.3	1448.4	1418.8	1379.4	1359.6	1347.8	1323.9	1306.1
162.5°	1443.8	1451.2	1443.8	1436.4	1434.5	1409.5	1376.2	1359.6	1351.0	1333.8	1320.8
165°	1423.0	1430.9	1423.0	1415.2	1413.3	1395.4	1371.6	1359.6	1355.7	1347.9	1342.1
167.5°	1408.1	1411.4	1408.1	1404.8	1404.0	1392.3	1376.7	1368.9	1365.6	1359.0	1354.1
170°	1404.0	1404.0	1404.0	1404.0	1404.0	1392.3	1376.7	1368.9	1368.7	1368.3	1368.0
172.5°	1393.0	1390.2	1393.0	1396.0	1396.7	1387.4	1375.1	1368.9	1368.9	1368.9	1368.9
175°	1386.5	1386.5	1386.5	1386.5	1386.5	1380.6	1372.8	1368.9	1370.8	1374.5	1377.2
177.5°	1380.5	1377.2	1380.5	1383.8	1384.6	1380.0	1373.8	1370.8	1372.2	1375.1	1377.2
180°	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2



TEST NUMBER: P935445

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1265.6	1265.6	1265.6	1265.6	1265.6	1265.6	1265.6	1265.6	1265.6	1265.6	1265.6
2.5°	1283.5	1276.3	1276.3	1264.3	1259.6	1255.9	1249.9	1232.0	1227.2	1222.4	1229.6
5°	1294.3	1281.1	1271.5	1249.9	1232.0	1224.9	1202.1	1159.0	1130.2	1108.6	1096.7
7.5°	1296.6	1279.9	1261.9	1228.4	1185.3	1166.1	1096.7	1017.7	996.2	977.0	965.0
10°	1294.3	1275.1	1249.9	1199.7	1097.9	1064.4	994.9	943.4	930.3	926.7	930.3
12.5°	1285.9	1267.9	1233.2	1149.4	1006.9	984.2	943.4	913.5	911.1	917.1	949.5
15°	1271.5	1254.8	1214.1	1082.3	956.6	939.8	911.1	900.4	913.5	955.5	1052.4
17.5°	1257.2	1238.0	1187.7	1016.5	918.3	906.4	886.0	907.5	981.8	1038.0	1070.3
20°	1238.0	1215.2	1157.7	968.6	890.7	880.0	870.4	967.4	1023.7	1044.0	1062.0
22.5°	1215.2	1191.3	1117.0	935.1	862.0	853.7	859.7	1000.9	1023.7	1038.0	1053.6
25°	1185.3	1165.0	1069.2	908.8	839.3	829.7	852.5	997.3	1010.5	1014.1	1045.3
27.5°	1157.7	1131.4	1018.9	884.8	811.7	808.2	858.4	981.8	991.3	994.9	1028.5
30°	1124.3	1084.7	962.6	859.7	783.0	781.8	859.7	962.6	960.2	969.8	1003.3
32.5°	1089.5	1015.3	899.1	828.5	755.5	754.3	851.3	933.9	931.4	944.7	969.8
35°	1057.2	961.4	812.9	792.6	720.8	722.0	830.9	900.4	901.5	913.5	929.1
37.5°	1023.7	914.8	718.4	753.1	687.2	687.2	803.4	869.2	866.8	870.4	892.0
40°	984.2	841.7	634.6	701.6	656.1	652.5	769.9	835.7	827.3	826.1	856.0
42.5°	942.2	761.5	572.3	633.4	620.2	615.4	729.2	795.0	779.4	783.0	821.3
45°	896.7	739.9	524.4	535.2	583.1	579.5	684.8	748.3	737.5	747.1	786.6
47.5°	851.3	696.8	508.9	444.2	543.6	542.4	635.7	702.8	696.8	706.4	748.3
50°	789.0	648.9	507.6	380.7	499.2	504.1	577.1	658.5	658.5	666.9	711.2
52.5°	708.8	590.3	460.9	344.8	447.7	462.1	525.6	620.2	622.6	631.0	670.4
55°	635.7	529.2	427.4	317.2	386.7	417.8	475.3	580.6	585.5	593.9	629.7
57.5°	568.7	440.6	420.2	284.9	330.4	360.4	431.0	542.4	544.8	551.9	586.6
60°	496.8	318.5	385.5	250.2	281.4	304.1	390.3	496.8	505.2	510.0	539.9
62.5°	415.4	231.1	349.6	226.3	257.4	262.2	356.8	453.8	464.5	468.2	486.1
65°	295.7	194.0	296.9	205.9	232.3	233.5	320.9	409.4	419.1	425.1	438.2
67.5°	199.9	158.1	226.3	186.7	213.2	214.3	286.2	358.0	371.2	376.0	384.4
70°	138.9	105.3	167.6	166.4	191.6	194.0	249.0	311.3	323.3	326.9	331.6
72.5°	101.8	85.0	138.9	149.7	168.8	171.2	210.7	258.6	270.6	274.2	276.5
75°	77.8	89.8	112.6	130.5	143.7	144.9	172.4	210.7	219.1	221.5	222.7
77.5°	62.2	83.8	82.7	105.3	117.3	115.0	135.3	162.8	170.0	170.0	170.0
80°	46.7	65.9	62.2	75.4	86.2	83.8	96.9	116.1	118.5	121.0	119.7
82.5°	34.7	41.9	41.9	47.9	57.5	55.1	64.6	75.4	75.4	75.4	77.8
85°	21.5	23.9	19.2	25.2	32.3	31.2	35.9	40.7	41.9	41.9	39.5
87.5°	13.2	10.8	6.0	9.6	14.4	14.4	16.8	17.9	16.8	16.8	16.8
90°	24.0	16.7	9.3	16.7	24.0	25.9	40.7	60.4	70.2	62.4	46.8
92.5°	162.7	99.8	37.0	99.8	162.7	178.4	250.8	347.3	395.6	346.7	249.0
95°	318.8	203.8	88.7	203.8	318.8	347.6	617.2	976.6	1156.3	1031.9	782.9
97.5°	356.4	254.9	153.4	254.9	356.4	381.8	831.3	1430.7	1730.3	1651.7	1494.3
100°	387.4	295.4	203.3	295.4	387.4	410.4	909.2	1574.3	1906.9	1912.6	1924.1
102.5°	417.6	331.7	245.8	331.7	417.6	439.1	945.0	1619.6	1956.8	2057.0	2257.5
105°	463.4	390.7	318.0	390.7	463.4	481.6	971.4	1624.7	1951.3	2175.9	2625.4
107.5°	527.4	459.7	391.9	459.7	527.4	544.4	976.3	1552.4	1840.3	2153.8	2780.7
110°	564.3	503.1	441.8	503.1	564.3	579.6	969.0	1488.3	1747.9	2098.4	2799.2



TEST NUMBER: P935445

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	607.5	549.1	490.9	549.1	607.5	622.1	969.3	1432.3	1663.8	2022.4	2739.6
115°	672.3	618.6	564.8	618.6	672.3	685.8	978.2	1368.1	1563.1	1908.5	2599.5
117.5°	735.5	686.7	637.8	686.7	735.5	747.7	996.4	1328.0	1493.7	1805.5	2429.1
120°	772.3	726.3	680.3	726.3	772.3	783.8	1011.2	1314.4	1465.9	1750.9	2320.6
122.5°	814.7	768.3	721.9	768.3	814.7	826.3	1032.4	1307.2	1444.7	1701.2	2214.4
125°	870.3	828.0	785.7	828.0	870.3	880.8	1061.1	1301.4	1421.6	1639.6	2075.4
127.5°	922.9	880.2	837.5	880.2	922.9	933.6	1089.8	1298.0	1402.2	1589.3	1963.6
130°	957.2	911.2	865.1	911.2	957.2	968.7	1110.7	1300.1	1394.8	1561.4	1894.6
132.5°	985.8	939.8	893.8	939.8	985.8	997.3	1127.6	1301.4	1388.3	1537.4	1835.7
135°	1020.2	978.2	936.4	978.2	1020.2	1030.6	1146.1	1300.2	1377.2	1502.1	1751.9
137.5°	1062.8	1021.2	979.7	1021.2	1062.8	1073.1	1173.9	1308.2	1375.3	1480.9	1692.1
140°	1092.2	1054.0	1015.8	1054.0	1092.2	1101.8	1190.8	1309.6	1368.9	1460.1	1642.5
142.5°	1114.2	1078.9	1043.6	1078.9	1114.2	1123.0	1204.9	1314.3	1368.9	1449.0	1609.2
145°	1147.7	1116.8	1086.1	1116.8	1147.7	1155.4	1223.5	1314.3	1359.6	1425.2	1556.3
147.5°	1188.6	1158.6	1128.6	1158.6	1188.6	1196.1	1250.6	1323.3	1359.6	1411.2	1514.3
150°	1210.6	1183.4	1156.3	1183.4	1210.6	1217.4	1264.8	1328.0	1359.6	1403.2	1490.3
152.5°	1226.0	1205.5	1185.0	1205.5	1226.0	1231.2	1274.0	1331.1	1359.6	1396.9	1471.2
155°	1257.9	1242.7	1227.5	1242.7	1257.9	1261.7	1294.4	1337.9	1359.6	1389.3	1448.5
157.5°	1288.5	1273.7	1259.0	1273.7	1288.5	1292.2	1314.7	1344.6	1359.6	1382.7	1428.6
160°	1303.2	1291.7	1280.2	1291.7	1303.2	1306.1	1323.9	1347.8	1359.6	1379.4	1418.8
162.5°	1318.7	1310.0	1301.4	1310.0	1318.7	1320.8	1333.8	1351.0	1359.6	1376.2	1409.5
165°	1340.2	1332.4	1324.6	1332.4	1340.2	1342.1	1347.9	1355.7	1359.6	1371.6	1395.4
167.5°	1353.2	1349.5	1345.8	1349.5	1353.2	1354.1	1359.0	1365.6	1368.9	1376.7	1392.3
170°	1367.1	1363.4	1359.6	1363.4	1367.1	1368.0	1368.3	1368.7	1368.9	1376.7	1392.3
172.5°	1368.7	1367.9	1367.0	1367.9	1368.7	1368.9	1368.9	1368.9	1368.9	1375.1	1387.4
175°	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1374.5	1370.8	1368.9	1372.8	1380.6
177.5°	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1375.1	1372.2	1370.8	1373.8	1380.0
180°	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2



TEST NUMBER: P935445

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1265.6	1265.6	1265.6	1265.6	1265.6	1265.6	1265.6	1265.6	1265.6	1265.6	1265.6
2.5°	1221.2	1217.6	1222.4	1209.2	1222.4	1217.6	1221.2	1229.6	1222.4	1227.2	1232.0
5°	1071.6	1065.6	1046.4	1030.9	1046.4	1065.6	1071.6	1096.7	1108.6	1130.2	1159.0
7.5°	957.8	953.1	948.2	938.7	948.2	953.1	957.8	965.0	977.0	996.2	1017.7
10°	932.7	933.9	941.1	939.8	941.1	933.9	932.7	930.3	926.7	930.3	943.4
12.5°	997.3	1008.1	1047.6	1045.3	1047.6	1008.1	997.3	949.5	917.1	911.1	913.5
15°	1071.6	1075.2	1083.6	1084.7	1083.6	1075.2	1071.6	1052.4	955.5	913.5	900.4
17.5°	1078.7	1080.0	1086.0	1086.0	1086.0	1080.0	1078.7	1070.3	1038.0	981.8	907.5
20°	1072.8	1075.2	1087.1	1089.5	1087.1	1075.2	1072.8	1062.0	1044.0	1023.7	967.4
22.5°	1070.3	1075.2	1084.7	1083.6	1084.7	1075.2	1070.3	1053.6	1038.0	1023.7	1000.9
25°	1058.4	1058.4	1059.6	1060.8	1059.6	1058.4	1058.4	1045.3	1014.1	1010.5	997.3
27.5°	1033.2	1035.6	1042.8	1041.6	1042.8	1035.6	1033.2	1028.5	994.9	991.3	981.8
30°	1010.5	1008.1	1002.1	997.3	1002.1	1008.1	1010.5	1003.3	969.8	960.2	962.6
32.5°	972.2	966.2	960.2	956.6	960.2	966.2	972.2	969.8	944.7	931.4	933.9
35°	926.7	927.9	926.7	923.1	926.7	927.9	926.7	929.1	913.5	901.5	900.4
37.5°	894.4	896.7	895.6	890.7	895.6	896.7	894.4	892.0	870.4	866.8	869.2
40°	860.8	862.0	860.8	857.3	860.8	862.0	860.8	856.0	826.1	827.3	835.7
42.5°	828.5	827.3	823.7	821.3	823.7	827.3	828.5	821.3	783.0	779.4	795.0
45°	791.4	792.6	785.4	781.8	785.4	792.6	791.4	786.6	747.1	737.5	748.3
47.5°	754.3	754.3	748.3	744.7	748.3	754.3	754.3	748.3	706.4	696.8	702.8
50°	714.8	713.6	705.2	704.0	705.2	713.6	714.8	711.2	666.9	658.5	658.5
52.5°	669.3	669.3	670.4	672.9	670.4	669.3	669.3	670.4	631.0	622.6	620.2
55°	629.7	631.0	639.4	641.7	639.4	631.0	629.7	629.7	593.9	585.5	580.6
57.5°	589.0	589.0	595.0	595.0	595.0	589.0	589.0	586.6	551.9	544.8	542.4
60°	542.4	544.8	549.6	548.3	549.6	544.8	542.4	539.9	510.0	505.2	496.8
62.5°	493.3	495.7	496.8	494.5	496.8	495.7	493.3	486.1	468.2	464.5	453.8
65°	441.8	444.2	445.4	443.0	445.4	444.2	441.8	438.2	425.1	419.1	409.4
67.5°	389.1	387.9	386.7	391.5	386.7	387.9	389.1	384.4	376.0	371.2	358.0
70°	335.3	335.3	334.0	336.4	334.0	335.3	335.3	331.6	326.9	323.3	311.3
72.5°	277.8	276.5	281.4	277.8	281.4	276.5	277.8	276.5	274.2	270.6	258.6
75°	221.5	223.9	221.5	225.1	221.5	223.9	221.5	222.7	221.5	219.1	210.7
77.5°	168.8	171.2	168.8	168.8	168.8	171.2	168.8	170.0	170.0	170.0	162.8
80°	119.7	118.5	118.5	117.3	118.5	118.5	119.7	119.7	121.0	118.5	116.1
82.5°	76.6	75.4	75.4	77.8	75.4	75.4	76.6	77.8	75.4	75.4	75.4
85°	41.9	43.1	40.7	40.7	40.7	43.1	41.9	39.5	41.9	41.9	40.7
87.5°	15.5	14.4	14.4	14.4	14.4	14.4	15.5	16.8	16.8	16.8	17.9
90°	35.1	35.1	35.1	35.1	35.1	35.1	35.1	46.8	62.4	70.2	60.4
92.5°	175.6	168.6	140.7	112.7	140.7	168.6	175.6	249.0	346.7	395.6	347.3
95°	596.2	575.0	490.4	405.8	490.4	575.0	596.2	782.9	1031.9	1156.3	976.6
97.5°	1376.3	1336.1	1175.0	1014.0	1175.0	1336.1	1376.3	1494.3	1651.7	1730.3	1430.7
100°	1932.8	1884.9	1692.9	1501.1	1692.9	1884.9	1932.8	1924.1	1912.6	1906.9	1574.3
102.5°	2407.8	2366.8	2202.5	2038.1	2202.5	2366.8	2407.8	2257.5	2057.0	1956.8	1619.6
105°	2962.4	2940.4	2852.0	2763.7	2852.0	2940.4	2962.4	2625.4	2175.9	1951.3	1624.7
107.5°	3250.8	3256.2	3277.5	3298.9	3277.5	3256.2	3250.8	2780.7	2153.8	1840.3	1552.4
110°	3324.7	3347.8	3439.8	3531.8	3439.8	3347.8	3324.7	2799.2	2098.4	1747.9	1488.3



TEST NUMBER: P935445

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3277.6	3313.0	3454.3	3595.6	3454.3	3313.0	3277.6	2739.6	2022.4	1663.8	1432.3
115°	3117.7	3166.7	3362.7	3558.6	3362.7	3166.7	3117.7	2599.5	1908.5	1563.1	1368.1
117.5°	2896.8	2951.2	3168.4	3385.8	3168.4	2951.2	2896.8	2429.1	1805.5	1493.7	1328.0
120°	2748.0	2800.8	3012.0	3223.1	3012.0	2800.8	2748.0	2320.6	1750.9	1465.9	1314.4
122.5°	2599.2	2651.3	2859.6	3067.8	2859.6	2651.3	2599.2	2214.4	1701.2	1444.7	1307.2
125°	2402.3	2450.2	2642.2	2834.0	2642.2	2450.2	2402.3	2075.4	1639.6	1421.6	1301.4
127.5°	2244.2	2284.7	2446.6	2608.4	2446.6	2284.7	2244.2	1963.6	1589.3	1402.2	1298.0
130°	2144.4	2181.8	2331.3	2480.9	2331.3	2181.8	2144.4	1894.6	1561.4	1394.8	1300.1
132.5°	2059.4	2092.8	2226.8	2360.7	2226.8	2092.8	2059.4	1835.7	1537.4	1388.3	1301.4
135°	1939.2	1968.0	2083.6	2199.0	2083.6	1968.0	1939.2	1751.9	1502.1	1377.2	1300.2
137.5°	1850.5	1874.1	1968.6	2063.1	1968.6	1874.1	1850.5	1692.1	1480.9	1375.3	1308.2
140°	1779.3	1801.4	1889.8	1978.0	1889.8	1801.4	1779.3	1642.5	1460.1	1368.9	1309.6
142.5°	1729.4	1748.4	1824.3	1900.4	1824.3	1748.4	1729.4	1609.2	1449.0	1368.9	1314.3
145°	1654.6	1668.9	1726.4	1783.9	1726.4	1668.9	1654.6	1556.3	1425.2	1359.6	1314.3
147.5°	1591.7	1603.6	1651.3	1698.9	1651.3	1603.6	1591.7	1514.3	1411.2	1359.6	1323.3
150°	1555.7	1565.3	1603.9	1642.5	1603.9	1565.3	1555.7	1490.3	1403.2	1359.6	1328.0
152.5°	1527.0	1534.3	1563.4	1592.6	1563.4	1534.3	1527.0	1471.2	1396.9	1359.6	1331.1
155°	1492.8	1497.6	1516.9	1536.2	1516.9	1497.6	1492.8	1448.5	1389.3	1359.6	1337.9
157.5°	1463.2	1466.6	1480.1	1493.7	1480.1	1466.6	1463.2	1428.6	1382.7	1359.6	1344.6
160°	1448.4	1450.3	1458.1	1465.9	1458.1	1450.3	1448.4	1418.8	1379.4	1359.6	1347.8
162.5°	1434.5	1436.4	1443.8	1451.2	1443.8	1436.4	1434.5	1409.5	1376.2	1359.6	1351.0
165°	1413.3	1415.2	1423.0	1430.9	1423.0	1415.2	1413.3	1395.4	1371.6	1359.6	1355.7
167.5°	1404.0	1404.8	1408.1	1411.4	1408.1	1404.8	1404.0	1392.3	1376.7	1368.9	1365.6
170°	1404.0	1404.0	1404.0	1404.0	1404.0	1404.0	1404.0	1392.3	1376.7	1368.9	1368.7
172.5°	1396.7	1396.0	1393.0	1390.2	1393.0	1396.0	1396.7	1387.4	1375.1	1368.9	1368.9
175°	1386.5	1386.5	1386.5	1386.5	1386.5	1386.5	1386.5	1380.6	1372.8	1368.9	1370.8
177.5°	1384.6	1383.8	1380.5	1377.2	1380.5	1383.8	1384.6	1380.0	1373.8	1370.8	1372.2
180°	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2



TEST NUMBER: P935445

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1265.6	1265.6	1265.6	1265.6	1265.6
2.5°	1249.9	1255.9	1259.6	1264.3	1276.3
5°	1202.1	1224.9	1232.0	1249.9	1271.5
7.5°	1096.7	1166.1	1185.3	1228.4	1261.9
10°	994.9	1064.4	1097.9	1199.7	1249.9
12.5°	943.4	984.2	1006.9	1149.4	1233.2
15°	911.1	939.8	956.6	1082.3	1214.1
17.5°	886.0	906.4	918.3	1016.5	1187.7
20°	870.4	880.0	890.7	968.6	1157.7
22.5°	859.7	853.7	862.0	935.1	1117.0
25°	852.5	829.7	839.3	908.8	1069.2
27.5°	858.4	808.2	811.7	884.8	1018.9
30°	859.7	781.8	783.0	859.7	962.6
32.5°	851.3	754.3	755.5	828.5	899.1
35°	830.9	722.0	720.8	792.6	812.9
37.5°	803.4	687.2	687.2	753.1	718.4
40°	769.9	652.5	656.1	701.6	634.6
42.5°	729.2	615.4	620.2	633.4	572.3
45°	684.8	579.5	583.1	535.2	524.4
47.5°	635.7	542.4	543.6	444.2	508.9
50°	577.1	504.1	499.2	380.7	507.6
52.5°	525.6	462.1	447.7	344.8	460.9
55°	475.3	417.8	386.7	317.2	427.4
57.5°	431.0	360.4	330.4	284.9	420.2
60°	390.3	304.1	281.4	250.2	385.5
62.5°	356.8	262.2	257.4	226.3	349.6
65°	320.9	233.5	232.3	205.9	296.9
67.5°	286.2	214.3	213.2	186.7	226.3
70°	249.0	194.0	191.6	166.4	167.6
72.5°	210.7	171.2	168.8	149.7	138.9
75°	172.4	144.9	143.7	130.5	112.6
77.5°	135.3	115.0	117.3	105.3	82.7
80°	96.9	83.8	86.2	75.4	62.2
82.5°	64.6	55.1	57.5	47.9	41.9
85°	35.9	31.2	32.3	25.2	19.2
87.5°	16.8	14.4	14.4	9.6	6.0
90°	40.7	25.9	24.0	16.7	9.3
92.5°	250.8	178.4	162.7	99.8	37.0
95°	617.2	347.6	318.8	203.8	88.7
97.5°	831.3	381.8	356.4	254.9	153.4
100°	909.2	410.4	387.4	295.4	203.3
102.5°	945.0	439.1	417.6	331.7	245.8
105°	971.4	481.6	463.4	390.7	318.0
107.5°	976.3	544.4	527.4	459.7	391.9
110°	969.0	579.6	564.3	503.1	441.8



TEST NUMBER: P935445

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	969.3	622.1	607.5	549.1	490.9
115°	978.2	685.8	672.3	618.6	564.8
117.5°	996.4	747.7	735.5	686.7	637.8
120°	1011.2	783.8	772.3	726.3	680.3
122.5°	1032.4	826.3	814.7	768.3	721.9
125°	1061.1	880.8	870.3	828.0	785.7
127.5°	1089.8	933.6	922.9	880.2	837.5
130°	1110.7	968.7	957.2	911.2	865.1
132.5°	1127.6	997.3	985.8	939.8	893.8
135°	1146.1	1030.6	1020.2	978.2	936.4
137.5°	1173.9	1073.1	1062.8	1021.2	979.7
140°	1190.8	1101.8	1092.2	1054.0	1015.8
142.5°	1204.9	1123.0	1114.2	1078.9	1043.6
145°	1223.5	1155.4	1147.7	1116.8	1086.1
147.5°	1250.6	1196.1	1188.6	1158.6	1128.6
150°	1264.8	1217.4	1210.6	1183.4	1156.3
152.5°	1274.0	1231.2	1226.0	1205.5	1185.0
155°	1294.4	1261.7	1257.9	1242.7	1227.5
157.5°	1314.7	1292.2	1288.5	1273.7	1259.0
160°	1323.9	1306.1	1303.2	1291.7	1280.2
162.5°	1333.8	1320.8	1318.7	1310.0	1301.4
165°	1347.9	1342.1	1340.2	1332.4	1324.6
167.5°	1359.0	1354.1	1353.2	1349.5	1345.8
170°	1368.3	1368.0	1367.1	1363.4	1359.6
172.5°	1368.9	1368.9	1368.7	1367.9	1367.0
175°	1374.5	1377.2	1377.2	1377.2	1377.2
177.5°	1375.1	1377.2	1377.2	1377.2	1377.2
180°	1377.2	1377.2	1377.2	1377.2	1377.2



TEST NUMBER: P935445
 CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-3500K

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	8.30	8.99	9.44	10.11	11.68	11.14	11.83	12.27	12.95	14.52
	3H	8.76	9.38	9.91	10.51	12.09	12.47	13.09	13.61	14.22	15.80
	4H	8.95	9.53	10.10	10.66	12.25	12.91	13.49	14.06	14.63	16.21
	6H	9.06	9.59	10.22	10.73	12.33	13.19	13.72	14.35	14.86	16.46
	8H	9.05	9.56	10.21	10.71	12.31	13.26	13.77	14.42	14.92	16.51
	12H	9.02	9.50	10.18	10.65	12.26	13.29	13.78	14.46	14.92	16.54
4H	2H	9.31	9.90	10.47	11.03	12.62	11.53	12.11	12.68	13.24	14.83
	3H	10.32	10.81	11.49	11.97	13.57	13.02	13.50	14.18	14.66	16.26
	4H	10.59	11.04	11.76	12.19	13.81	13.54	13.99	14.71	15.13	16.75
	6H	10.71	11.09	11.88	12.26	13.87	13.90	14.28	15.07	15.45	17.06
	8H	10.71	11.07	11.88	12.23	13.85	14.00	14.36	15.17	15.52	17.15
	12H	10.67	10.99	11.85	12.16	13.80	14.05	14.37	15.24	15.55	17.18
8H	4H	11.03	11.39	12.20	12.55	14.18	13.65	14.01	14.82	15.17	16.79
	6H	11.29	11.58	12.48	12.79	14.41	14.08	14.38	15.27	15.58	17.20
	8H	11.33	11.59	12.52	12.77	14.41	14.23	14.49	15.43	15.67	17.31
	12H	11.30	11.53	12.50	12.71	14.38	14.32	14.55	15.52	15.73	17.40
12H	4H	11.03	11.36	12.22	12.53	14.16	13.61	13.93	14.79	15.10	16.73
	6H	11.35	11.60	12.54	12.79	14.43	14.08	14.33	15.27	15.52	17.16
	8H	11.41	11.63	12.60	12.81	14.49	14.23	14.46	15.43	15.64	17.31