

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: P935743

Luminaire Tested: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935743
REPORT IS A COMBINATION OF REPORTS P933768 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

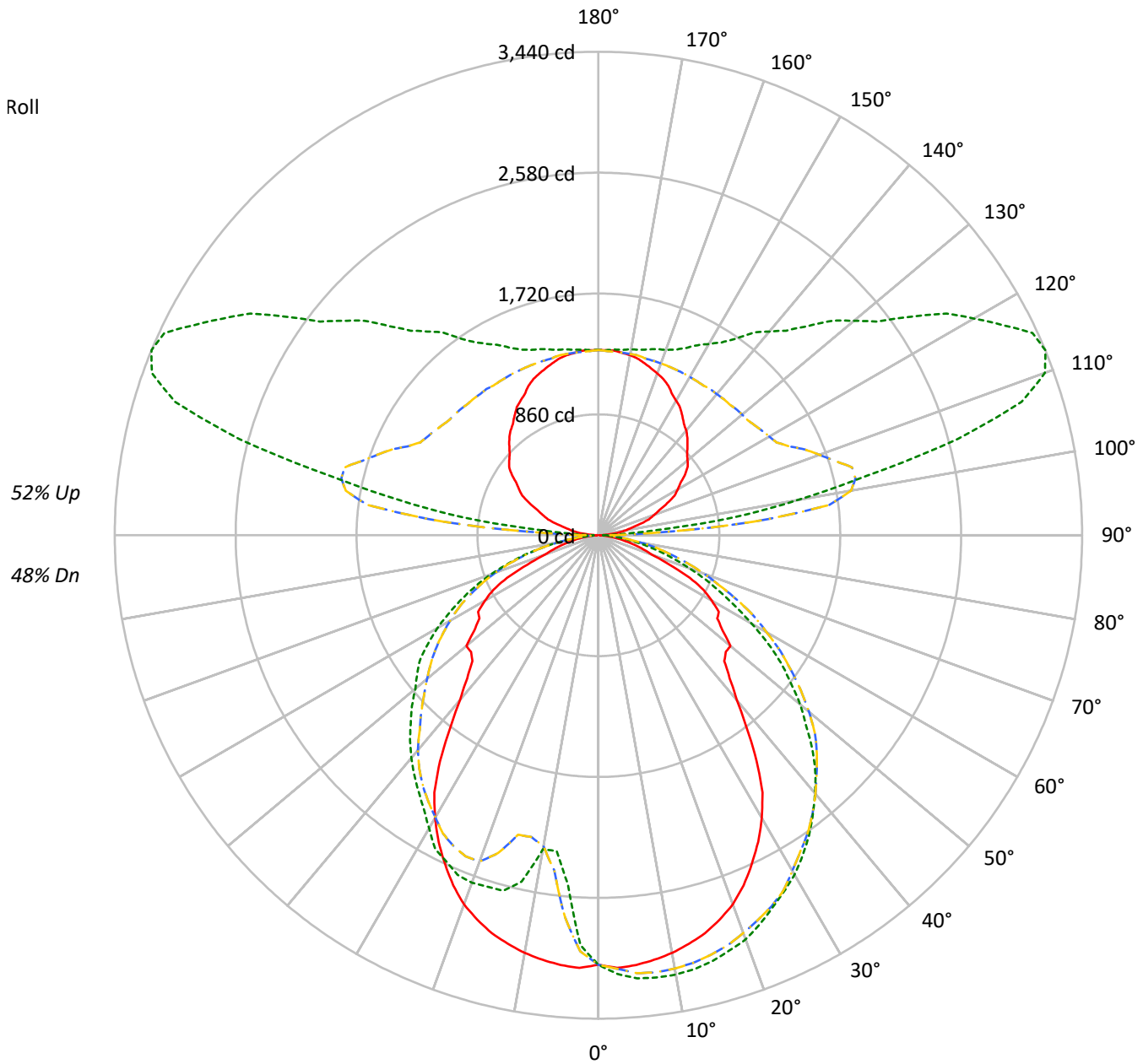
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16470.2 lumens
Efficiency: N/A
Efficacy: 109.5 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: General Diffuse

Input Watts (W): 150.4
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: P935743
CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-2700K

Luminous Intensity Polar Plot



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



TEST NUMBER: P935743

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-2700K

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	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48	48	48	48
1	97	93	89	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41	41	41	41
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	41	39	34	34	34	34
3	81	71	64	58	74	66	60	55	56	51	47	46	43	40	38	35	33	29	29	29	29
4	74	63	55	49	68	59	52	46	50	44	40	41	37	34	34	31	28	25	25	25	25
5	68	56	48	42	62	52	45	40	44	39	35	37	33	30	30	27	25	21	21	21	21
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19	19	19	19
7	58	45	38	32	53	42	35	30	36	31	26	30	26	23	25	22	19	17	17	17	17
8	54	41	34	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15	15	15	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	16	13	13	13	13
10	47	34	27	22	43	32	26	21	28	22	19	24	19	16	20	16	14	12	12	12	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14176	14176	14176	14176
5°	14281	14310	14281	11252
10°	14186	14096	14186	10078
15°	14032	13790	14032	11515
20°	13738	13428	13738	11539
25°	13138	12901	13138	11295
30°	12362	12463	12362	10758
35°	11020	11909	11020	10168
40°	9182	11256	9182	9722
45°	8205	10493	8205	9209
50°	8716	9582	8716	8695
55°	8201	8601	8201	8398
60°	8453	7305	8453	7691
65°	7665	6039	7665	6750
70°	5308	4812	5308	5658
75°	4653	3557	4653	4259
80°	3750	2352	3750	2561
85°	2152	1245	2152	1059

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 12575 cd/sqm



TEST NUMBER: P935743

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	275.8	1.7
10°-20°	783.1	4.8
20°-30°	1210.5	7.3
30°-40°	1445.1	8.8
40°-50°	1453.5	8.8
50°-60°	1264.8	7.7
60°-70°	896.7	5.4
70°-80°	474.4	2.9
80°-90°	123.2	0.7
90°-100°	642.4	3.9
100°-110°	1688.9	10.3
110°-120°	1751.2	10.6
120°-130°	1404.7	8.5
130°-140°	1102.1	6.7
140°-150°	845.9	5.1
150°-160°	609.2	3.7
160°-170°	372.8	2.3
170°-180°	125.9	0.8
0°-30°	2269.4	13.8
0°-40°	3714.4	22.6
0°-60°	6432.7	39.1
0°-90°	7927.1	48.1
90°-120°	4082.4	24.8
90°-150°	7435.2	45.1
90°-180°	8543.0	51.9
0°-180°	16470.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3055	3055	3055	3055	3055	
5°	3070	3165	3070	2489	3070	291
15°	2931	3136	2931	2619	2931	825
25°	2581	2925	2581	2561	2581	1185
35°	1963	2610	1963	2229	1963	1214
45°	1266	2151	1266	1888	1266	1014
55°	1032	1587	1032	1549	1032	948
65°	717	957	717	1070	717	685
75°	272	454	272	543	272	286
85°	46	116	46	98	46	62
90°	9	34	9	34	9	9
95°	85	388	85	388	85	94
105°	304	2645	304	2645	304	323
115°	540	3405	540	3405	540	534
125°	752	2712	752	2712	752	667
135°	896	2104	896	2104	896	693
145°	1039	1707	1039	1707	1039	651
155°	1175	1470	1175	1470	1175	540
165°	1267	1369	1267	1369	1267	358
175°	1318	1327	1318	1327	1318	125
180°	1318	1318	1318	1318	1318	



TEST NUMBER: P935743

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4
2.5°	3081.4	3081.4	3098.7	3104.5	3104.5	3095.9	3087.2	3095.9	3121.8	3130.5	3127.6
5°	3069.8	3093.0	3124.7	3130.5	3136.3	3133.5	3127.6	3133.5	3162.3	3168.1	3171.0
7.5°	3046.7	3090.1	3130.5	3139.2	3147.9	3139.2	3136.3	3142.1	3171.0	3176.8	3176.8
10°	3017.8	3078.5	3124.7	3130.5	3139.2	3130.5	3130.5	3142.1	3171.0	3176.8	3179.7
12.5°	2977.3	3061.1	3104.5	3110.3	3121.8	3118.9	3116.1	3127.6	3156.5	3162.3	3162.3
15°	2931.1	3029.3	3069.8	3075.6	3095.9	3090.1	3090.1	3101.6	3133.5	3142.1	3139.2
17.5°	2867.5	2988.9	3035.1	3043.8	3058.3	3055.4	3058.3	3069.8	3098.7	3104.5	3107.4
20°	2795.2	2933.9	2988.9	2997.6	3012.0	3012.0	3012.0	3026.4	3055.4	3066.9	3066.9
22.5°	2696.9	2876.2	2933.9	2939.7	2957.1	2957.1	2962.9	2983.1	3009.1	3012.0	3012.0
25°	2581.3	2812.6	2861.7	2879.0	2896.3	2905.1	2913.8	2925.3	2933.9	2931.1	2933.9
27.5°	2459.9	2731.6	2795.2	2806.8	2829.9	2838.6	2850.1	2853.0	2855.9	2864.6	2858.8
30°	2324.1	2618.9	2714.2	2725.9	2763.4	2769.2	2757.6	2763.4	2777.9	2783.7	2789.4
32.5°	2170.9	2451.3	2630.5	2656.5	2691.2	2673.8	2670.9	2679.6	2702.7	2702.7	2708.5
35°	1962.7	2321.2	2552.4	2575.5	2601.5	2581.3	2592.9	2595.8	2610.2	2618.9	2616.0
37.5°	1734.4	2208.4	2471.5	2488.8	2509.1	2483.0	2500.4	2509.1	2520.6	2514.8	2514.8
40°	1532.0	2032.1	2376.1	2387.6	2405.0	2384.7	2402.1	2407.9	2413.7	2407.9	2405.0
42.5°	1381.7	1838.4	2274.9	2289.3	2277.8	2292.2	2298.0	2309.6	2300.9	2289.3	2289.3
45°	1266.1	1786.4	2165.0	2182.4	2165.0	2188.2	2196.9	2196.9	2170.9	2165.0	2162.1
47.5°	1228.5	1682.3	2055.2	2055.2	2046.6	2075.4	2089.9	2069.6	2043.7	2035.0	2035.0
50°	1225.6	1566.7	1904.9	1893.3	1933.8	1968.5	1954.1	1933.8	1913.6	1881.8	1881.8
52.5°	1112.8	1425.0	1711.2	1754.6	1818.2	1838.4	1815.3	1795.0	1760.4	1745.9	1734.4
55°	1032.0	1277.7	1535.0	1621.6	1688.1	1714.1	1670.8	1650.5	1598.5	1589.9	1584.1
57.5°	1014.6	1063.7	1373.0	1482.9	1563.8	1560.9	1535.0	1497.4	1454.0	1445.3	1442.5
60°	930.7	768.9	1199.6	1329.7	1413.5	1404.9	1381.7	1347.0	1306.6	1300.8	1295.0
62.5°	844.0	557.9	1003.0	1150.4	1269.0	1266.1	1245.8	1193.8	1164.9	1150.4	1138.9
65°	716.9	468.3	714.0	956.8	1127.4	1133.1	1089.8	1052.2	1020.3	1003.0	1000.2
67.5°	546.3	381.5	482.8	797.8	991.5	985.7	930.7	913.4	873.0	864.3	847.0
70°	404.7	254.4	335.3	647.5	858.5	844.0	800.7	780.5	742.9	722.7	711.1
72.5°	335.3	205.2	245.7	503.0	722.7	705.3	667.8	644.6	612.8	595.5	583.9
75°	271.7	216.8	187.9	372.9	586.8	575.3	540.6	517.4	491.4	468.3	471.1
77.5°	199.4	202.3	150.3	274.6	465.4	448.1	427.8	398.9	387.3	364.2	364.2
80°	150.3	159.0	112.7	187.9	335.3	335.3	318.0	297.7	277.5	266.0	266.0
82.5°	101.1	101.1	83.8	118.6	228.4	219.7	208.2	202.3	190.8	185.0	185.0
85°	46.2	57.8	52.0	72.3	124.3	130.1	130.1	124.3	121.4	115.6	118.6
87.5°	14.4	26.1	31.8	40.5	63.6	66.5	69.4	69.4	69.4	72.3	72.3
90°	8.9	16.0	23.0	24.8	38.9	57.8	67.2	59.7	44.8	33.6	33.6
92.5°	35.4	95.5	155.7	170.7	240.0	332.3	378.5	331.7	238.2	168.0	161.3
95°	84.9	195.0	305.1	332.6	590.5	934.5	1106.4	987.4	749.2	570.5	550.2
97.5°	146.8	243.9	341.1	365.3	795.4	1369.0	1655.7	1580.5	1429.9	1317.0	1278.5
100°	194.6	282.6	370.7	392.7	870.0	1506.4	1824.7	1830.1	1841.2	1849.4	1803.6
102.5°	235.2	317.4	399.6	420.1	904.3	1549.7	1872.4	1968.3	2160.2	2304.0	2264.7
105°	304.2	373.9	443.4	460.8	929.5	1554.6	1867.1	2082.1	2512.2	2834.7	2813.6
107.5°	375.0	439.9	504.7	520.9	934.2	1485.4	1761.0	2060.9	2660.8	3110.6	3115.8
110°	422.8	481.4	540.0	554.6	927.2	1424.1	1672.6	2007.9	2678.5	3181.4	3203.4



TEST NUMBER: P935743

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	469.7	525.5	581.3	595.2	927.5	1370.5	1592.0	1935.2	2621.5	3136.3	3170.1
115°	540.4	591.9	643.3	656.2	936.0	1309.1	1495.7	1826.2	2487.4	2983.3	3030.2
117.5°	610.3	657.1	703.8	715.5	953.5	1270.7	1429.3	1727.6	2324.3	2771.9	2823.9
120°	650.9	695.0	739.0	750.0	967.6	1257.7	1402.7	1675.4	2220.6	2629.5	2680.0
122.5°	690.7	735.1	779.6	790.7	987.9	1250.9	1382.4	1627.9	2118.9	2487.1	2536.9
125°	751.8	792.3	832.8	842.9	1015.3	1245.3	1360.3	1568.9	1985.9	2298.7	2344.6
127.5°	801.3	842.3	883.1	893.3	1042.8	1242.1	1341.7	1520.8	1878.9	2147.4	2186.1
130°	827.8	871.9	915.9	926.9	1062.8	1244.0	1334.7	1494.0	1812.9	2052.0	2087.7
132.5°	855.2	899.3	943.3	954.3	1079.0	1245.3	1328.4	1471.2	1756.5	1970.6	2002.6
135°	896.0	936.0	976.2	986.2	1096.7	1244.1	1317.8	1437.3	1676.3	1855.6	1883.2
137.5°	937.5	977.2	1016.9	1026.8	1123.3	1251.8	1316.0	1417.1	1619.2	1770.7	1793.3
140°	972.0	1008.6	1045.1	1054.3	1139.5	1253.1	1309.9	1397.2	1571.7	1702.6	1723.7
142.5°	998.6	1032.4	1066.1	1074.6	1153.0	1257.6	1309.9	1386.5	1539.8	1654.8	1673.0
145°	1039.2	1068.7	1098.2	1105.6	1170.8	1257.6	1301.0	1363.7	1489.2	1583.2	1597.0
147.5°	1080.0	1108.7	1137.4	1144.5	1196.7	1266.2	1301.0	1350.4	1449.0	1523.1	1534.4
150°	1106.4	1132.4	1158.4	1164.9	1210.2	1270.8	1301.0	1342.7	1426.1	1488.6	1497.8
152.5°	1133.9	1153.5	1173.1	1178.1	1219.1	1273.7	1301.0	1336.6	1407.8	1461.2	1468.2
155°	1174.6	1189.1	1203.6	1207.3	1238.6	1280.2	1301.0	1329.4	1386.0	1428.4	1433.1
157.5°	1204.7	1218.8	1232.9	1236.4	1258.0	1286.7	1301.0	1323.0	1367.0	1400.1	1403.3
160°	1225.0	1236.0	1247.0	1249.8	1266.8	1289.6	1301.0	1319.9	1357.6	1385.9	1387.8
162.5°	1245.3	1253.5	1261.8	1263.9	1276.2	1292.7	1301.0	1316.9	1348.8	1372.7	1374.5
165°	1267.4	1275.0	1282.4	1284.3	1289.8	1297.2	1301.0	1312.5	1335.3	1352.3	1354.2
167.5°	1287.8	1291.3	1294.9	1295.7	1300.4	1306.7	1309.9	1317.3	1332.3	1343.5	1344.2
170°	1301.0	1304.6	1308.2	1309.0	1309.3	1309.7	1309.9	1317.3	1332.3	1343.5	1343.5
172.5°	1308.1	1308.9	1309.7	1309.9	1309.9	1309.9	1309.9	1315.8	1327.6	1336.5	1335.8
175°	1317.8	1317.8	1317.8	1317.8	1315.2	1311.7	1309.9	1313.6	1321.1	1326.7	1326.7
177.5°	1317.8	1317.8	1317.8	1317.8	1315.8	1313.1	1311.7	1314.6	1320.5	1324.9	1324.2
180°	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8



TEST NUMBER: P935743

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4
2.5°	3133.5	3124.7	3133.5	3127.6	3130.5	3121.8	3095.9	3087.2	3095.9	3104.5	3104.5
5°	3171.0	3165.2	3171.0	3171.0	3168.1	3162.3	3133.5	3127.6	3133.5	3136.3	3130.5
7.5°	3182.6	3173.9	3182.6	3176.8	3176.8	3171.0	3142.1	3136.3	3139.2	3147.9	3139.2
10°	3182.6	3173.9	3182.6	3179.7	3176.8	3171.0	3142.1	3130.5	3130.5	3139.2	3130.5
12.5°	3168.1	3162.3	3168.1	3162.3	3162.3	3156.5	3127.6	3116.1	3118.9	3121.8	3110.3
15°	3145.0	3136.3	3145.0	3139.2	3142.1	3133.5	3101.6	3090.1	3090.1	3095.9	3075.6
17.5°	3110.3	3098.7	3110.3	3107.4	3104.5	3098.7	3069.8	3058.3	3055.4	3058.3	3043.8
20°	3069.8	3061.1	3069.8	3066.9	3066.9	3055.4	3026.4	3012.0	3012.0	3012.0	2997.6
22.5°	3006.2	2997.6	3006.2	3012.0	3012.0	3009.1	2983.1	2962.9	2957.1	2957.1	2939.7
25°	2933.9	2925.3	2933.9	2933.9	2931.1	2933.9	2925.3	2913.8	2905.1	2896.3	2879.0
27.5°	2864.6	2858.8	2864.6	2858.8	2864.6	2855.9	2853.0	2850.1	2838.6	2829.9	2806.8
30°	2795.2	2789.4	2795.2	2789.4	2783.7	2777.9	2763.4	2757.6	2769.2	2763.4	2725.9
32.5°	2708.5	2702.7	2708.5	2708.5	2702.7	2702.7	2679.6	2670.9	2673.8	2691.2	2656.5
35°	2618.9	2610.2	2618.9	2616.0	2618.9	2610.2	2595.8	2592.9	2581.3	2601.5	2575.5
37.5°	2514.8	2506.2	2514.8	2514.8	2514.8	2520.6	2509.1	2500.4	2483.0	2509.1	2488.8
40°	2407.9	2396.3	2407.9	2405.0	2407.9	2413.7	2407.9	2402.1	2384.7	2405.0	2387.6
42.5°	2286.5	2283.6	2286.5	2289.3	2289.3	2300.9	2309.6	2298.0	2292.2	2277.8	2289.3
45°	2156.4	2150.6	2156.4	2162.1	2165.0	2170.9	2196.9	2196.9	2188.2	2165.0	2182.4
47.5°	2017.6	2003.2	2017.6	2035.0	2035.0	2043.7	2069.6	2089.9	2075.4	2046.6	2055.2
50°	1870.2	1873.1	1870.2	1881.8	1881.8	1913.6	1933.8	1954.1	1968.5	1933.8	1893.3
52.5°	1725.7	1722.8	1725.7	1734.4	1745.9	1760.4	1795.0	1815.3	1838.4	1818.2	1754.6
55°	1581.2	1587.0	1581.2	1584.1	1589.9	1598.5	1650.5	1670.8	1714.1	1688.1	1621.6
57.5°	1436.6	1427.9	1436.6	1442.5	1445.3	1454.0	1497.4	1535.0	1560.9	1563.8	1482.9
60°	1269.0	1257.4	1269.0	1295.0	1300.8	1306.6	1347.0	1381.7	1404.9	1413.5	1329.7
62.5°	1121.6	1101.3	1121.6	1138.9	1150.4	1164.9	1193.8	1245.8	1266.1	1269.0	1150.4
65°	965.4	956.8	965.4	1000.2	1003.0	1020.3	1052.2	1089.8	1133.1	1127.4	956.8
67.5°	823.8	823.8	823.8	847.0	864.3	873.0	913.4	930.7	985.7	991.5	797.8
70°	693.7	690.8	693.7	711.1	722.7	742.9	780.5	800.7	844.0	858.5	647.5
72.5°	569.4	566.5	569.4	583.9	595.5	612.8	644.6	667.8	705.3	722.7	503.0
75°	459.6	453.8	459.6	471.1	468.3	491.4	517.4	540.6	575.3	586.8	372.9
77.5°	352.7	352.7	352.7	364.2	364.2	387.3	398.9	427.8	448.1	465.4	274.6
80°	263.1	260.2	263.1	266.0	266.0	277.5	297.7	318.0	335.3	335.3	187.9
82.5°	185.0	179.2	185.0	185.0	185.0	190.8	202.3	208.2	219.7	228.4	118.6
85°	115.6	115.6	115.6	118.6	115.6	121.4	124.3	130.1	130.1	124.3	72.3
87.5°	75.2	72.3	75.2	72.3	72.3	69.4	69.4	69.4	66.5	63.6	40.5
90°	33.6	33.6	33.6	33.6	33.6	44.8	59.7	67.2	57.8	38.9	24.8
92.5°	134.6	107.9	134.6	161.3	168.0	238.2	331.7	378.5	332.3	240.0	170.7
95°	469.3	388.3	469.3	550.2	570.5	749.2	987.4	1106.4	934.5	590.5	332.6
97.5°	1124.4	970.3	1124.4	1278.5	1317.0	1429.9	1580.5	1655.7	1369.0	795.4	365.3
100°	1619.9	1436.4	1619.9	1803.6	1849.4	1841.2	1830.1	1824.7	1506.4	870.0	392.7
102.5°	2107.5	1950.2	2107.5	2264.7	2304.0	2160.2	1968.3	1872.4	1549.7	904.3	420.1
105°	2729.0	2644.6	2729.0	2813.6	2834.7	2512.2	2082.1	1867.1	1554.6	929.5	460.8
107.5°	3136.2	3156.6	3136.2	3115.8	3110.6	2660.8	2060.9	1761.0	1485.4	934.2	520.9
110°	3291.5	3379.5	3291.5	3203.4	3181.4	2678.5	2007.9	1672.6	1424.1	927.2	554.6



TEST NUMBER: P935743

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3305.3	3440.5	3305.3	3170.1	3136.3	2621.5	1935.2	1592.0	1370.5	927.5	595.2
115°	3217.7	3405.2	3217.7	3030.2	2983.3	2487.4	1826.2	1495.7	1309.1	936.0	656.2
117.5°	3031.8	3239.8	3031.8	2823.9	2771.9	2324.3	1727.6	1429.3	1270.7	953.5	715.5
120°	2882.1	3084.1	2882.1	2680.0	2629.5	2220.6	1675.4	1402.7	1257.7	967.6	750.0
122.5°	2736.3	2935.6	2736.3	2536.9	2487.1	2118.9	1627.9	1382.4	1250.9	987.9	790.7
125°	2528.2	2711.8	2528.2	2344.6	2298.7	1985.9	1568.9	1360.3	1245.3	1015.3	842.9
127.5°	2341.1	2495.9	2341.1	2186.1	2147.4	1878.9	1520.8	1341.7	1242.1	1042.8	893.3
130°	2230.8	2373.9	2230.8	2087.7	2052.0	1812.9	1494.0	1334.7	1244.0	1062.8	926.9
132.5°	2130.8	2258.9	2130.8	2002.6	1970.6	1756.5	1471.2	1328.4	1245.3	1079.0	954.3
135°	1993.7	2104.1	1993.7	1883.2	1855.6	1676.3	1437.3	1317.8	1244.1	1096.7	986.2
137.5°	1883.7	1974.1	1883.7	1793.3	1770.7	1619.2	1417.1	1316.0	1251.8	1123.3	1026.8
140°	1808.3	1892.7	1808.3	1723.7	1702.6	1571.7	1397.2	1309.9	1253.1	1139.5	1054.3
142.5°	1745.7	1818.4	1745.7	1673.0	1654.8	1539.8	1386.5	1309.9	1257.6	1153.0	1074.6
145°	1652.0	1707.0	1652.0	1597.0	1583.2	1489.2	1363.7	1301.0	1257.6	1170.8	1105.6
147.5°	1580.1	1625.7	1580.1	1534.4	1523.1	1449.0	1350.4	1301.0	1266.2	1196.7	1144.5
150°	1534.8	1571.7	1534.8	1497.8	1488.6	1426.1	1342.7	1301.0	1270.8	1210.2	1164.9
152.5°	1496.0	1523.9	1496.0	1468.2	1461.2	1407.8	1336.6	1301.0	1273.7	1219.1	1178.1
155°	1451.5	1470.0	1451.5	1433.1	1428.4	1386.0	1329.4	1301.0	1280.2	1238.6	1207.3
157.5°	1416.3	1429.3	1416.3	1403.3	1400.1	1367.0	1323.0	1301.0	1286.7	1258.0	1236.4
160°	1395.2	1402.7	1395.2	1387.8	1385.9	1357.6	1319.9	1301.0	1289.6	1266.8	1249.8
162.5°	1381.6	1388.6	1381.6	1374.5	1372.7	1348.8	1316.9	1301.0	1292.7	1276.2	1263.9
165°	1361.7	1369.2	1361.7	1354.2	1352.3	1335.3	1312.5	1301.0	1297.2	1289.8	1284.3
167.5°	1347.4	1350.5	1347.4	1344.2	1343.5	1332.3	1317.3	1309.9	1306.7	1300.4	1295.7
170°	1343.5	1343.5	1343.5	1343.5	1343.5	1332.3	1317.3	1309.9	1309.7	1309.3	1309.0
172.5°	1333.0	1330.2	1333.0	1335.8	1336.5	1327.6	1315.8	1309.9	1309.9	1309.9	1309.9
175°	1326.7	1326.7	1326.7	1326.7	1326.7	1321.1	1313.6	1309.9	1311.7	1315.2	1317.8
177.5°	1321.0	1317.8	1321.0	1324.2	1324.9	1320.5	1314.6	1311.7	1313.1	1315.8	1317.8
180°	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8



TEST NUMBER: P935743

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4
2.5°	3098.7	3081.4	3081.4	3052.5	3041.0	3032.2	3017.8	2974.4	2962.9	2951.3	2968.7
5°	3124.7	3093.0	3069.8	3017.8	2974.4	2957.1	2902.2	2798.1	2728.8	2676.7	2647.8
7.5°	3130.5	3090.1	3046.7	2965.8	2861.7	2815.5	2647.8	2457.0	2405.0	2358.8	2329.8
10°	3124.7	3078.5	3017.8	2896.3	2650.7	2569.7	2402.1	2277.8	2246.0	2237.3	2246.0
12.5°	3104.5	3061.1	2977.3	2775.0	2431.0	2376.1	2277.8	2205.5	2199.7	2214.2	2292.2
15°	3069.8	3029.3	2931.1	2613.1	2309.6	2269.2	2199.7	2173.8	2205.5	2306.7	2540.9
17.5°	3035.1	2988.9	2867.5	2454.2	2217.1	2188.2	2139.1	2191.1	2370.3	2506.2	2584.2
20°	2988.9	2933.9	2795.2	2338.5	2150.6	2124.6	2101.5	2335.6	2471.5	2520.6	2564.0
22.5°	2933.9	2876.2	2696.9	2257.5	2081.3	2061.0	2075.4	2416.6	2471.5	2506.2	2543.8
25°	2861.7	2812.6	2581.3	2194.0	2026.3	2003.2	2058.1	2407.9	2439.6	2448.4	2523.5
27.5°	2795.2	2731.6	2459.9	2136.2	1959.8	1951.2	2072.5	2370.3	2393.4	2402.1	2483.0
30°	2714.2	2618.9	2324.1	2075.4	1890.4	1887.5	2075.4	2324.1	2318.3	2341.4	2422.3
32.5°	2630.5	2451.3	2170.9	2000.3	1824.0	1821.1	2055.2	2254.6	2248.9	2280.7	2341.4
35°	2552.4	2321.2	1962.7	1913.6	1740.1	1743.0	2006.1	2173.8	2176.7	2205.5	2243.1
37.5°	2471.5	2208.4	1734.4	1818.2	1659.2	1659.2	1939.6	2098.6	2092.8	2101.5	2153.5
40°	2376.1	2032.1	1532.0	1693.9	1584.1	1575.4	1858.7	2017.6	1997.4	1994.6	2066.8
42.5°	2274.9	1838.4	1381.7	1529.1	1497.4	1485.8	1760.4	1919.4	1881.8	1890.4	1982.9
45°	2165.0	1786.4	1266.1	1292.1	1407.7	1399.1	1653.4	1806.7	1780.6	1803.7	1899.2
47.5°	2055.2	1682.3	1228.5	1072.4	1312.4	1309.5	1535.0	1696.8	1682.3	1705.4	1806.7
50°	1904.9	1566.7	1225.6	919.2	1205.3	1217.0	1393.3	1589.9	1589.9	1610.0	1717.1
52.5°	1711.2	1425.0	1112.8	832.5	1081.1	1115.7	1269.0	1497.4	1503.1	1523.3	1618.7
55°	1535.0	1277.7	1032.0	766.0	933.6	1008.8	1147.6	1402.0	1413.5	1433.7	1520.4
57.5°	1373.0	1063.7	1014.6	688.0	797.8	870.1	1040.6	1309.5	1315.2	1332.6	1416.4
60°	1199.6	768.9	930.7	604.1	679.3	734.2	942.4	1199.6	1219.9	1231.4	1303.7
62.5°	1003.0	557.9	844.0	546.3	621.5	633.1	861.4	1095.5	1121.6	1130.3	1173.6
65°	714.0	468.3	716.9	497.2	560.7	563.6	774.7	988.6	1011.7	1026.1	1057.9
67.5°	482.8	381.5	546.3	450.9	514.5	517.4	690.8	864.3	896.1	907.7	927.9
70°	335.3	254.4	404.7	401.8	462.5	468.3	601.2	751.5	780.5	789.1	800.7
72.5°	245.7	205.2	335.3	361.3	407.6	413.4	508.7	624.4	653.2	661.9	667.8
75°	187.9	216.8	271.7	315.1	346.9	349.8	416.2	508.7	529.0	534.8	537.7
77.5°	150.3	202.3	199.4	254.4	283.3	277.5	326.6	393.2	410.5	410.5	410.5
80°	112.7	159.0	150.3	182.1	208.2	202.3	234.1	280.4	286.1	291.9	289.0
82.5°	83.8	101.1	101.1	115.6	138.7	133.0	156.1	182.1	182.1	182.1	187.9
85°	52.0	57.8	46.2	60.7	78.1	75.2	86.7	98.3	101.1	101.1	95.4
87.5°	31.8	26.1	14.4	23.1	34.7	34.7	40.5	43.4	40.5	40.5	40.5
90°	23.0	16.0	8.9	16.0	23.0	24.8	38.9	57.8	67.2	59.7	44.8
92.5°	155.7	95.5	35.4	95.5	155.7	170.7	240.0	332.3	378.5	331.7	238.2
95°	305.1	195.0	84.9	195.0	305.1	332.6	590.5	934.5	1106.4	987.4	749.2
97.5°	341.1	243.9	146.8	243.9	341.1	365.3	795.4	1369.0	1655.7	1580.5	1429.9
100°	370.7	282.6	194.6	282.6	370.7	392.7	870.0	1506.4	1824.7	1830.1	1841.2
102.5°	399.6	317.4	235.2	317.4	399.6	420.1	904.3	1549.7	1872.4	1968.3	2160.2
105°	443.4	373.9	304.2	373.9	443.4	460.8	929.5	1554.6	1867.1	2082.1	2512.2
107.5°	504.7	439.9	375.0	439.9	504.7	520.9	934.2	1485.4	1761.0	2060.9	2660.8
110°	540.0	481.4	422.8	481.4	540.0	554.6	927.2	1424.1	1672.6	2007.9	2678.5



TEST NUMBER: P935743

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	581.3	525.5	469.7	525.5	581.3	595.2	927.5	1370.5	1592.0	1935.2	2621.5
115°	643.3	591.9	540.4	591.9	643.3	656.2	936.0	1309.1	1495.7	1826.2	2487.4
117.5°	703.8	657.1	610.3	657.1	703.8	715.5	953.5	1270.7	1429.3	1727.6	2324.3
120°	739.0	695.0	650.9	695.0	739.0	750.0	967.6	1257.7	1402.7	1675.4	2220.6
122.5°	779.6	735.1	690.7	735.1	779.6	790.7	987.9	1250.9	1382.4	1627.9	2118.9
125°	832.8	792.3	751.8	792.3	832.8	842.9	1015.3	1245.3	1360.3	1568.9	1985.9
127.5°	883.1	842.3	801.3	842.3	883.1	893.3	1042.8	1242.1	1341.7	1520.8	1878.9
130°	915.9	871.9	827.8	871.9	915.9	926.9	1062.8	1244.0	1334.7	1494.0	1812.9
132.5°	943.3	899.3	855.2	899.3	943.3	954.3	1079.0	1245.3	1328.4	1471.2	1756.5
135°	976.2	936.0	896.0	936.0	976.2	986.2	1096.7	1244.1	1317.8	1437.3	1676.3
137.5°	1016.9	977.2	937.5	977.2	1016.9	1026.8	1123.3	1251.8	1316.0	1417.1	1619.2
140°	1045.1	1008.6	972.0	1008.6	1045.1	1054.3	1139.5	1253.1	1309.9	1397.2	1571.7
142.5°	1066.1	1032.4	998.6	1032.4	1066.1	1074.6	1153.0	1257.6	1309.9	1386.5	1539.8
145°	1098.2	1068.7	1039.2	1068.7	1098.2	1105.6	1170.8	1257.6	1301.0	1363.7	1489.2
147.5°	1137.4	1108.7	1080.0	1108.7	1137.4	1144.5	1196.7	1266.2	1301.0	1350.4	1449.0
150°	1158.4	1132.4	1106.4	1132.4	1158.4	1164.9	1210.2	1270.8	1301.0	1342.7	1426.1
152.5°	1173.1	1153.5	1133.9	1153.5	1173.1	1178.1	1219.1	1273.7	1301.0	1336.6	1407.8
155°	1203.6	1189.1	1174.6	1189.1	1203.6	1207.3	1238.6	1280.2	1301.0	1329.4	1386.0
157.5°	1232.9	1218.8	1204.7	1218.8	1232.9	1236.4	1258.0	1286.7	1301.0	1323.0	1367.0
160°	1247.0	1236.0	1225.0	1236.0	1247.0	1249.8	1266.8	1289.6	1301.0	1319.9	1357.6
162.5°	1261.8	1253.5	1245.3	1253.5	1261.8	1263.9	1276.2	1292.7	1301.0	1316.9	1348.8
165°	1282.4	1275.0	1267.4	1275.0	1282.4	1284.3	1289.8	1297.2	1301.0	1312.5	1335.3
167.5°	1294.9	1291.3	1287.8	1291.3	1294.9	1295.7	1300.4	1306.7	1309.9	1317.3	1332.3
170°	1308.2	1304.6	1301.0	1304.6	1308.2	1309.0	1309.3	1309.7	1309.9	1317.3	1332.3
172.5°	1309.7	1308.9	1308.1	1308.9	1309.7	1309.9	1309.9	1309.9	1309.9	1315.8	1327.6
175°	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1315.2	1311.7	1309.9	1313.6	1321.1
177.5°	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1315.8	1313.1	1311.7	1314.6	1320.5
180°	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8



TEST NUMBER: P935743

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4
2.5°	2948.4	2939.7	2951.3	2919.5	2951.3	2939.7	2948.4	2968.7	2951.3	2962.9	2974.4
5°	2587.1	2572.6	2526.4	2488.8	2526.4	2572.6	2587.1	2647.8	2676.7	2728.8	2798.1
7.5°	2312.5	2300.9	2289.3	2266.3	2289.3	2300.9	2312.5	2329.8	2358.8	2405.0	2457.0
10°	2251.8	2254.6	2272.0	2269.2	2272.0	2254.6	2251.8	2246.0	2237.3	2246.0	2277.8
12.5°	2407.9	2433.9	2529.2	2523.5	2529.2	2433.9	2407.9	2292.2	2214.2	2199.7	2205.5
15°	2587.1	2595.8	2616.0	2618.9	2616.0	2595.8	2587.1	2540.9	2306.7	2205.5	2173.8
17.5°	2604.4	2607.3	2621.7	2621.7	2621.7	2607.3	2604.4	2584.2	2506.2	2370.3	2191.1
20°	2590.0	2595.8	2624.6	2630.5	2624.6	2595.8	2590.0	2564.0	2520.6	2471.5	2335.6
22.5°	2584.2	2595.8	2618.9	2616.0	2618.9	2595.8	2584.2	2543.8	2506.2	2471.5	2416.6
25°	2555.3	2555.3	2558.2	2561.1	2558.2	2555.3	2555.3	2523.5	2448.4	2439.6	2407.9
27.5°	2494.6	2500.4	2517.7	2514.8	2517.7	2500.4	2494.6	2483.0	2402.1	2393.4	2370.3
30°	2439.6	2433.9	2419.4	2407.9	2419.4	2433.9	2439.6	2422.3	2341.4	2318.3	2324.1
32.5°	2347.1	2332.7	2318.3	2309.6	2318.3	2332.7	2347.1	2341.4	2280.7	2248.9	2254.6
35°	2237.3	2240.2	2237.3	2228.7	2237.3	2240.2	2237.3	2243.1	2205.5	2176.7	2173.8
37.5°	2159.3	2165.0	2162.1	2150.6	2162.1	2165.0	2159.3	2153.5	2101.5	2092.8	2098.6
40°	2078.3	2081.3	2078.3	2069.6	2078.3	2081.3	2078.3	2066.8	1994.6	1997.4	2017.6
42.5°	2000.3	1997.4	1988.8	1982.9	1988.8	1997.4	2000.3	1982.9	1890.4	1881.8	1919.4
45°	1910.7	1913.6	1896.2	1887.5	1896.2	1913.6	1910.7	1899.2	1803.7	1780.6	1806.7
47.5°	1821.1	1821.1	1806.7	1797.9	1806.7	1821.1	1821.1	1806.7	1705.4	1682.3	1696.8
50°	1725.7	1722.8	1702.5	1699.7	1702.5	1722.8	1725.7	1717.1	1610.0	1589.9	1589.9
52.5°	1615.8	1615.8	1618.7	1624.6	1618.7	1615.8	1615.8	1618.7	1523.3	1503.1	1497.4
55°	1520.4	1523.3	1543.6	1549.4	1543.6	1523.3	1520.4	1520.4	1433.7	1413.5	1402.0
57.5°	1422.2	1422.2	1436.6	1436.6	1436.6	1422.2	1422.2	1416.4	1332.6	1315.2	1309.5
60°	1309.5	1315.2	1326.8	1323.9	1326.8	1315.2	1309.5	1303.7	1231.4	1219.9	1199.6
62.5°	1190.9	1196.7	1199.6	1193.8	1199.6	1196.7	1190.9	1173.6	1130.3	1121.6	1095.5
65°	1066.6	1072.4	1075.3	1069.5	1075.3	1072.4	1066.6	1057.9	1026.1	1011.7	988.6
67.5°	939.5	936.6	933.6	945.3	933.6	936.6	939.5	927.9	907.7	896.1	864.3
70°	809.4	809.4	806.5	812.3	806.5	809.4	809.4	800.7	789.1	780.5	751.5
72.5°	670.7	667.8	679.3	670.7	679.3	667.8	670.7	667.8	661.9	653.2	624.4
75°	534.8	540.6	534.8	543.4	534.8	540.6	534.8	537.7	534.8	529.0	508.7
77.5°	407.6	413.4	407.6	407.6	407.6	413.4	407.6	410.5	410.5	410.5	393.2
80°	289.0	286.1	286.1	283.3	286.1	286.1	289.0	289.0	291.9	286.1	280.4
82.5°	185.0	182.1	182.1	187.9	182.1	182.1	185.0	187.9	182.1	182.1	182.1
85°	101.1	104.0	98.3	98.3	98.3	104.0	101.1	95.4	101.1	101.1	98.3
87.5°	37.6	34.7	34.7	34.7	34.7	34.7	37.6	40.5	40.5	40.5	43.4
90°	33.6	33.6	33.6	33.6	33.6	33.6	33.6	44.8	59.7	67.2	57.8
92.5°	168.0	161.3	134.6	107.9	134.6	161.3	168.0	238.2	331.7	378.5	332.3
95°	570.5	550.2	469.3	388.3	469.3	550.2	570.5	749.2	987.4	1106.4	934.5
97.5°	1317.0	1278.5	1124.4	970.3	1124.4	1278.5	1317.0	1429.9	1580.5	1655.7	1369.0
100°	1849.4	1803.6	1619.9	1436.4	1619.9	1803.6	1849.4	1841.2	1830.1	1824.7	1506.4
102.5°	2304.0	2264.7	2107.5	1950.2	2107.5	2264.7	2304.0	2160.2	1968.3	1872.4	1549.7
105°	2834.7	2813.6	2729.0	2644.6	2729.0	2813.6	2834.7	2512.2	2082.1	1867.1	1554.6
107.5°	3110.6	3115.8	3136.2	3156.6	3136.2	3115.8	3110.6	2660.8	2060.9	1761.0	1485.4
110°	3181.4	3203.4	3291.5	3379.5	3291.5	3203.4	3181.4	2678.5	2007.9	1672.6	1424.1



TEST NUMBER: P935743

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3136.3	3170.1	3305.3	3440.5	3305.3	3170.1	3136.3	2621.5	1935.2	1592.0	1370.5
115°	2983.3	3030.2	3217.7	3405.2	3217.7	3030.2	2983.3	2487.4	1826.2	1495.7	1309.1
117.5°	2771.9	2823.9	3031.8	3239.8	3031.8	2823.9	2771.9	2324.3	1727.6	1429.3	1270.7
120°	2629.5	2680.0	2882.1	3084.1	2882.1	2680.0	2629.5	2220.6	1675.4	1402.7	1257.7
122.5°	2487.1	2536.9	2736.3	2935.6	2736.3	2536.9	2487.1	2118.9	1627.9	1382.4	1250.9
125°	2298.7	2344.6	2528.2	2711.8	2528.2	2344.6	2298.7	1985.9	1568.9	1360.3	1245.3
127.5°	2147.4	2186.1	2341.1	2495.9	2341.1	2186.1	2147.4	1878.9	1520.8	1341.7	1242.1
130°	2052.0	2087.7	2230.8	2373.9	2230.8	2087.7	2052.0	1812.9	1494.0	1334.7	1244.0
132.5°	1970.6	2002.6	2130.8	2258.9	2130.8	2002.6	1970.6	1756.5	1471.2	1328.4	1245.3
135°	1855.6	1883.2	1993.7	2104.1	1993.7	1883.2	1855.6	1676.3	1437.3	1317.8	1244.1
137.5°	1770.7	1793.3	1883.7	1974.1	1883.7	1793.3	1770.7	1619.2	1417.1	1316.0	1251.8
140°	1702.6	1723.7	1808.3	1892.7	1808.3	1723.7	1702.6	1571.7	1397.2	1309.9	1253.1
142.5°	1654.8	1673.0	1745.7	1818.4	1745.7	1673.0	1654.8	1539.8	1386.5	1309.9	1257.6
145°	1583.2	1597.0	1652.0	1707.0	1652.0	1597.0	1583.2	1489.2	1363.7	1301.0	1257.6
147.5°	1523.1	1534.4	1580.1	1625.7	1580.1	1534.4	1523.1	1449.0	1350.4	1301.0	1266.2
150°	1488.6	1497.8	1534.8	1571.7	1534.8	1497.8	1488.6	1426.1	1342.7	1301.0	1270.8
152.5°	1461.2	1468.2	1496.0	1523.9	1496.0	1468.2	1461.2	1407.8	1336.6	1301.0	1273.7
155°	1428.4	1433.1	1451.5	1470.0	1451.5	1433.1	1428.4	1386.0	1329.4	1301.0	1280.2
157.5°	1400.1	1403.3	1416.3	1429.3	1416.3	1403.3	1400.1	1367.0	1323.0	1301.0	1286.7
160°	1385.9	1387.8	1395.2	1402.7	1395.2	1387.8	1385.9	1357.6	1319.9	1301.0	1289.6
162.5°	1372.7	1374.5	1381.6	1388.6	1381.6	1374.5	1372.7	1348.8	1316.9	1301.0	1292.7
165°	1352.3	1354.2	1361.7	1369.2	1361.7	1354.2	1352.3	1335.3	1312.5	1301.0	1297.2
167.5°	1343.5	1344.2	1347.4	1350.5	1347.4	1344.2	1343.5	1332.3	1317.3	1309.9	1306.7
170°	1343.5	1343.5	1343.5	1343.5	1343.5	1343.5	1343.5	1332.3	1317.3	1309.9	1309.7
172.5°	1336.5	1335.8	1333.0	1330.2	1333.0	1335.8	1336.5	1327.6	1315.8	1309.9	1309.9
175°	1326.7	1326.7	1326.7	1326.7	1326.7	1326.7	1326.7	1321.1	1313.6	1309.9	1311.7
177.5°	1324.9	1324.2	1321.0	1317.8	1321.0	1324.2	1324.9	1320.5	1314.6	1311.7	1313.1
180°	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8



TEST NUMBER: P935743

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3055.4	3055.4	3055.4	3055.4	3055.4
2.5°	3017.8	3032.2	3041.0	3052.5	3081.4
5°	2902.2	2957.1	2974.4	3017.8	3069.8
7.5°	2647.8	2815.5	2861.7	2965.8	3046.7
10°	2402.1	2569.7	2650.7	2896.3	3017.8
12.5°	2277.8	2376.1	2431.0	2775.0	2977.3
15°	2199.7	2269.2	2309.6	2613.1	2931.1
17.5°	2139.1	2188.2	2217.1	2454.2	2867.5
20°	2101.5	2124.6	2150.6	2338.5	2795.2
22.5°	2075.4	2061.0	2081.3	2257.5	2696.9
25°	2058.1	2003.2	2026.3	2194.0	2581.3
27.5°	2072.5	1951.2	1959.8	2136.2	2459.9
30°	2075.4	1887.5	1890.4	2075.4	2324.1
32.5°	2055.2	1821.1	1824.0	2000.3	2170.9
35°	2006.1	1743.0	1740.1	1913.6	1962.7
37.5°	1939.6	1659.2	1659.2	1818.2	1734.4
40°	1858.7	1575.4	1584.1	1693.9	1532.0
42.5°	1760.4	1485.8	1497.4	1529.1	1381.7
45°	1653.4	1399.1	1407.7	1292.1	1266.1
47.5°	1535.0	1309.5	1312.4	1072.4	1228.5
50°	1393.3	1217.0	1205.3	919.2	1225.6
52.5°	1269.0	1115.7	1081.1	832.5	1112.8
55°	1147.6	1008.8	933.6	766.0	1032.0
57.5°	1040.6	870.1	797.8	688.0	1014.6
60°	942.4	734.2	679.3	604.1	930.7
62.5°	861.4	633.1	621.5	546.3	844.0
65°	774.7	563.6	560.7	497.2	716.9
67.5°	690.8	517.4	514.5	450.9	546.3
70°	601.2	468.3	462.5	401.8	404.7
72.5°	508.7	413.4	407.6	361.3	335.3
75°	416.2	349.8	346.9	315.1	271.7
77.5°	326.6	277.5	283.3	254.4	199.4
80°	234.1	202.3	208.2	182.1	150.3
82.5°	156.1	133.0	138.7	115.6	101.1
85°	86.7	75.2	78.1	60.7	46.2
87.5°	40.5	34.7	34.7	23.1	14.4
90°	38.9	24.8	23.0	16.0	8.9
92.5°	240.0	170.7	155.7	95.5	35.4
95°	590.5	332.6	305.1	195.0	84.9
97.5°	795.4	365.3	341.1	243.9	146.8
100°	870.0	392.7	370.7	282.6	194.6
102.5°	904.3	420.1	399.6	317.4	235.2
105°	929.5	460.8	443.4	373.9	304.2
107.5°	934.2	520.9	504.7	439.9	375.0
110°	927.2	554.6	540.0	481.4	422.8



TEST NUMBER: P935743

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	927.5	595.2	581.3	525.5	469.7
115°	936.0	656.2	643.3	591.9	540.4
117.5°	953.5	715.5	703.8	657.1	610.3
120°	967.6	750.0	739.0	695.0	650.9
122.5°	987.9	790.7	779.6	735.1	690.7
125°	1015.3	842.9	832.8	792.3	751.8
127.5°	1042.8	893.3	883.1	842.3	801.3
130°	1062.8	926.9	915.9	871.9	827.8
132.5°	1079.0	954.3	943.3	899.3	855.2
135°	1096.7	986.2	976.2	936.0	896.0
137.5°	1123.3	1026.8	1016.9	977.2	937.5
140°	1139.5	1054.3	1045.1	1008.6	972.0
142.5°	1153.0	1074.6	1066.1	1032.4	998.6
145°	1170.8	1105.6	1098.2	1068.7	1039.2
147.5°	1196.7	1144.5	1137.4	1108.7	1080.0
150°	1210.2	1164.9	1158.4	1132.4	1106.4
152.5°	1219.1	1178.1	1173.1	1153.5	1133.9
155°	1238.6	1207.3	1203.6	1189.1	1174.6
157.5°	1258.0	1236.4	1232.9	1218.8	1204.7
160°	1266.8	1249.8	1247.0	1236.0	1225.0
162.5°	1276.2	1263.9	1261.8	1253.5	1245.3
165°	1289.8	1284.3	1282.4	1275.0	1267.4
167.5°	1300.4	1295.7	1294.9	1291.3	1287.8
170°	1309.3	1309.0	1308.2	1304.6	1301.0
172.5°	1309.9	1309.9	1309.7	1308.9	1308.1
175°	1315.2	1317.8	1317.8	1317.8	1317.8
177.5°	1315.8	1317.8	1317.8	1317.8	1317.8
180°	1317.8	1317.8	1317.8	1317.8	1317.8



TEST NUMBER: P935743
 CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-2700K

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	13.84	14.69	14.82	15.68	16.97	16.68	17.53	17.65	18.51	19.81
	3H	14.32	15.08	15.30	16.07	17.39	18.03	18.79	19.01	19.78	21.10
	4H	14.51	15.23	15.51	16.23	17.55	18.47	19.19	19.47	20.19	21.52
	6H	14.63	15.29	15.64	16.29	17.63	18.76	19.42	19.77	20.42	21.76
	8H	14.63	15.26	15.64	16.28	17.61	18.83	19.46	19.85	20.48	21.82
	12H	14.60	15.20	15.62	16.21	17.57	18.87	19.47	19.89	20.49	21.85
4H	2H	14.88	15.59	15.88	16.59	17.92	17.09	17.81	18.09	18.80	20.13
	3H	15.90	16.50	16.91	17.53	18.87	18.60	19.19	19.61	20.22	21.56
	4H	16.18	16.72	17.20	17.74	19.11	19.12	19.67	20.14	20.69	22.06
	6H	16.30	16.77	17.33	17.82	19.18	19.49	19.96	20.52	21.00	22.37
	8H	16.31	16.75	17.34	17.78	19.16	19.60	20.04	20.63	21.07	22.45
	12H	16.27	16.67	17.32	17.72	19.10	19.66	20.05	20.71	21.10	22.48
8H	4H	16.63	17.07	17.66	18.11	19.48	19.25	19.69	20.28	20.72	22.10
	6H	16.89	17.25	17.95	18.33	19.71	19.69	20.05	20.74	21.13	22.50
	8H	16.93	17.25	18.00	18.32	19.71	19.84	20.16	20.90	21.22	22.61
	12H	16.92	17.20	17.99	18.26	19.69	19.94	20.22	21.01	21.28	22.71
12H	4H	16.64	17.03	17.69	18.08	19.47	19.21	19.61	20.26	20.66	22.04
	6H	16.95	17.27	18.02	18.34	19.73	19.68	20.00	20.75	21.06	22.46
	8H	17.02	17.30	18.09	18.36	19.79	19.84	20.12	20.91	21.18	22.62