

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: P936138

Luminaire Tested: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-6-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P936138
REPORT IS A COMBINATION OF REPORTS P933783 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-6-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

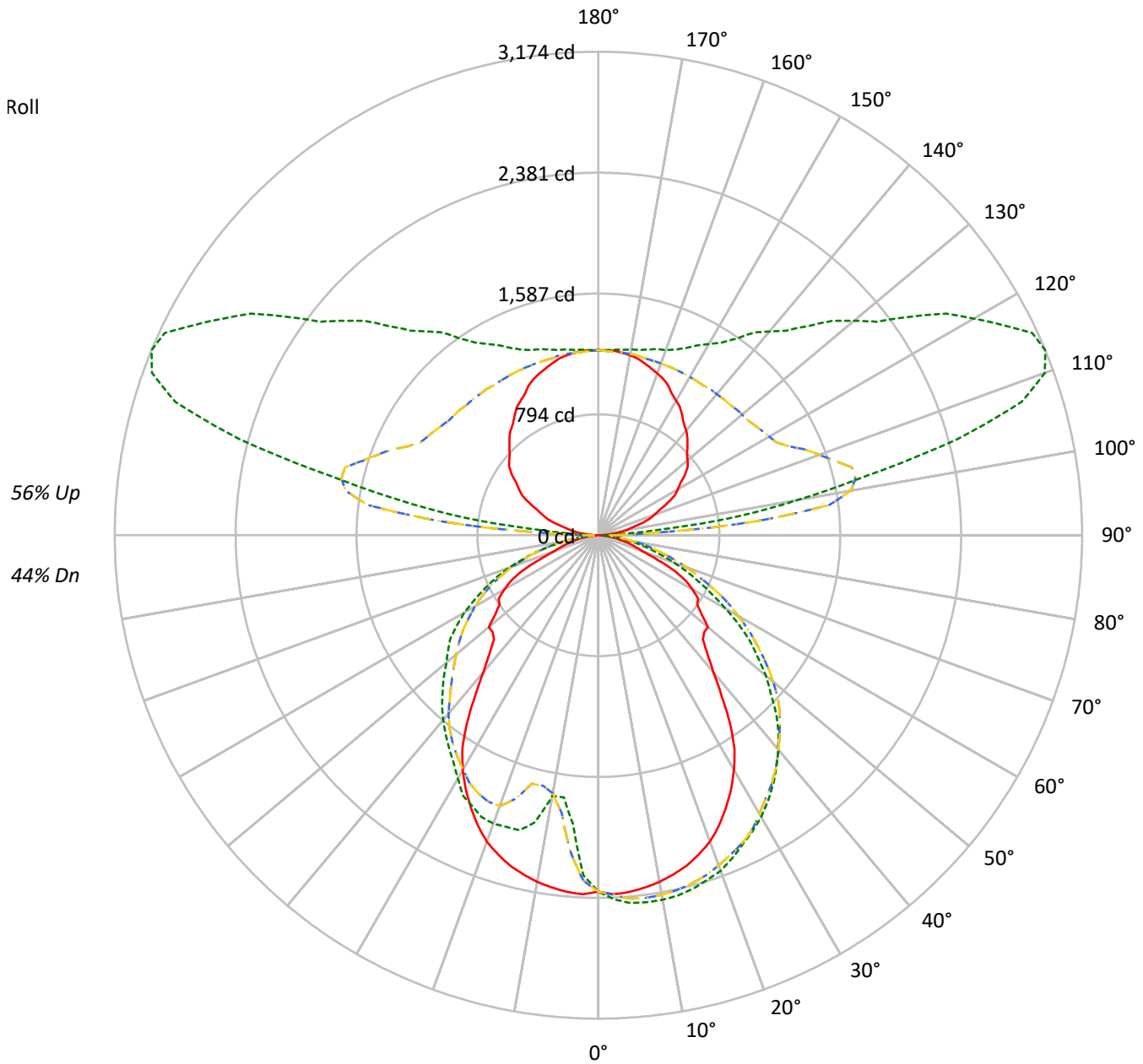
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13950.8 lumens
Efficiency: N/A
Efficacy: 111.8 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): 124.8
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

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CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-6-3000K

Luminous Intensity Polar Plot



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



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CATALOG NUMBER: SQ4-FA-150U-125D-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	106	106	106	106	97	97	97	97	80	80	80	64	64	64	50	50	50	44		44
1	96	92	88	85	88	84	81	78	70	68	66	57	55	54	44	43	42	37		37
2	88	80	74	69	80	74	69	64	61	58	54	50	47	45	39	37	36	31		31
3	80	71	63	58	73	65	59	54	54	49	46	44	41	38	35	32	30	26		26
4	73	63	55	49	67	57	51	45	48	43	39	39	35	32	31	28	26	22		22
5	67	56	48	42	61	51	44	39	43	37	33	35	31	28	28	25	23	19		19
6	62	50	42	36	56	46	39	34	39	33	29	32	28	24	25	22	20	17		17
7	57	45	37	31	52	41	34	29	35	29	25	29	25	22	23	20	18	15		15
8	53	41	33	28	48	38	31	26	32	26	23	26	22	19	21	18	16	13		13
9	49	37	30	25	45	34	28	23	29	24	20	24	20	17	19	16	14	12		12
10	46	34	27	22	42	31	25	21	27	22	18	22	18	16	18	15	13	11		11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14473	14473	14473	14473
5°	14575	14609	14575	11487
10°	14472	14391	14472	10288
15°	14310	14079	14310	11756
20°	14005	13710	14005	11781
25°	13387	13171	13387	11531
30°	12590	12724	12590	10983
35°	11219	12158	11219	10381
40°	9343	11492	9343	9925
45°	8342	10712	8342	9402
50°	8856	9783	8856	8877
55°	8324	8781	8324	8573
60°	8570	7458	8570	7852
65°	7757	6165	7757	6891
70°	5358	4913	5358	5776
75°	4683	3632	4683	4349
80°	3746	2401	3746	2614
85°	2111	1271	2111	1082

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 12793 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	211.2	1.5
10°-20°	599.6	4.3
20°-30°	926.9	6.6
30°-40°	1106.5	7.9
40°-50°	1113.0	8.0
50°-60°	968.4	6.9
60°-70°	686.6	4.9
70°-80°	363.3	2.6
80°-90°	95.1	0.7
90°-100°	592.6	4.2
100°-110°	1557.8	11.2
110°-120°	1615.3	11.6
120°-130°	1295.7	9.3
130°-140°	1016.6	7.3
140°-150°	780.3	5.6
150°-160°	561.9	4.0
160°-170°	343.8	2.5
170°-180°	116.2	0.8
0°-30°	1737.6	12.5
0°-40°	2844.1	20.4
0°-60°	4925.5	35.3
0°-90°	6070.5	43.5
90°-120°	3765.7	27.0
90°-150°	6858.3	49.2
90°-180°	7880.0	56.5
0°-180°	13950.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2340	2340	2340	2340	2340	
5°	2351	2424	2351	1906	2351	223
15°	2244	2402	2244	2005	2244	631
25°	1976	2240	1976	1961	1976	908
35°	1503	1999	1503	1706	1503	930
45°	969	1647	969	1445	969	777
55°	790	1215	790	1186	790	726
65°	549	733	549	819	549	525
75°	208	348	208	416	208	219
85°	35	88	35	75	35	48
90°	8	31	8	31	8	8
95°	78	358	78	358	78	87
105°	281	2439	281	2439	281	298
115°	498	3141	498	3141	498	492
125°	693	2501	693	2501	693	616
135°	826	1941	826	1941	826	639
145°	959	1574	959	1574	959	601
155°	1083	1356	1083	1356	1083	498
165°	1169	1263	1169	1263	1169	330
175°	1216	1224	1216	1224	1216	115
180°	1216	1216	1216	1216	1216	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5
2.5°	2359.4	2359.4	2372.7	2377.1	2377.1	2370.5	2363.8	2370.5	2390.4	2397.0	2394.8
5°	2350.6	2368.3	2392.6	2397.0	2401.5	2399.2	2394.8	2399.2	2421.4	2425.8	2428.0
7.5°	2332.9	2366.0	2397.0	2403.7	2410.3	2403.7	2401.5	2405.9	2428.0	2432.5	2432.5
10°	2310.7	2357.2	2392.6	2397.0	2403.7	2397.0	2397.0	2405.9	2428.0	2432.5	2434.6
12.5°	2279.8	2343.9	2377.1	2381.5	2390.4	2388.2	2386.0	2394.8	2416.9	2421.4	2421.4
15°	2244.4	2319.5	2350.6	2355.0	2370.5	2366.0	2366.0	2374.9	2399.2	2405.9	2403.7
17.5°	2195.6	2288.6	2324.0	2330.6	2341.7	2339.5	2341.7	2350.6	2372.7	2377.1	2379.3
20°	2140.3	2246.5	2288.6	2295.2	2306.3	2306.3	2306.3	2317.3	2339.5	2348.3	2348.3
22.5°	2065.1	2202.2	2246.5	2251.0	2264.2	2264.2	2268.7	2284.1	2304.1	2306.3	2306.3
25°	1976.5	2153.6	2191.2	2204.5	2217.8	2224.4	2231.0	2239.9	2246.5	2244.4	2246.5
27.5°	1883.5	2091.6	2140.3	2149.1	2166.8	2173.5	2182.4	2184.5	2186.8	2193.4	2189.0
30°	1779.5	2005.2	2078.3	2087.1	2115.9	2120.4	2111.5	2115.9	2127.0	2131.4	2135.9
32.5°	1662.2	1876.9	2014.1	2034.0	2060.6	2047.4	2045.1	2051.7	2069.4	2069.4	2073.9
35°	1502.9	1777.3	1954.4	1972.1	1992.0	1976.5	1985.4	1987.5	1998.6	2005.2	2003.1
37.5°	1328.0	1691.0	1892.4	1905.7	1921.2	1901.2	1914.6	1921.2	1930.0	1925.6	1925.6
40°	1173.1	1556.0	1819.3	1828.2	1841.5	1826.0	1839.3	1843.7	1848.1	1843.7	1841.5
42.5°	1058.0	1407.6	1741.9	1753.0	1744.1	1755.1	1759.6	1768.5	1761.8	1753.0	1753.0
45°	969.4	1367.9	1657.7	1671.1	1657.7	1675.5	1682.2	1682.2	1662.2	1657.7	1655.6
47.5°	940.7	1288.2	1573.7	1573.7	1567.0	1589.2	1600.3	1584.7	1564.8	1558.2	1558.2
50°	938.5	1199.7	1458.6	1449.8	1480.7	1507.3	1496.2	1480.7	1465.2	1440.9	1440.9
52.5°	852.2	1091.2	1310.3	1343.5	1392.2	1407.6	1389.9	1374.5	1347.9	1336.8	1328.0
55°	790.2	978.2	1175.2	1241.7	1292.6	1312.5	1279.3	1263.8	1224.0	1217.4	1212.9
57.5°	776.9	814.5	1051.3	1135.5	1197.4	1195.2	1175.2	1146.5	1113.3	1106.7	1104.4
60°	712.7	588.7	918.5	1018.1	1082.3	1075.7	1058.0	1031.4	1000.4	996.0	991.6
62.5°	646.3	427.2	768.0	880.9	971.6	969.4	953.9	914.1	892.0	880.9	872.0
65°	548.9	358.6	546.7	732.6	863.2	867.6	834.4	805.7	781.3	768.0	765.8
67.5°	418.3	292.1	369.7	610.9	759.2	754.7	712.7	699.4	668.4	661.8	648.5
70°	309.8	194.8	256.7	495.8	657.3	646.3	613.1	597.6	568.8	553.3	544.5
72.5°	256.7	157.1	188.1	385.1	553.3	540.1	511.3	493.6	469.2	456.0	447.1
75°	208.1	166.0	143.9	285.5	449.3	440.5	413.9	396.2	376.3	358.6	360.8
77.5°	152.7	155.0	115.1	210.2	356.3	343.1	327.5	305.5	296.6	278.9	278.9
80°	115.1	121.7	86.3	143.9	256.7	256.7	243.5	227.9	212.5	203.6	203.6
82.5°	77.4	77.4	64.2	90.8	174.8	168.2	159.3	155.0	146.1	141.6	141.6
85°	35.4	44.3	39.9	55.4	95.1	99.6	99.6	95.1	93.0	88.5	90.8
87.5°	11.1	19.9	24.3	31.0	48.7	50.9	53.1	53.1	53.1	55.4	55.4
90°	8.2	14.7	21.2	22.8	35.9	53.3	62.0	55.1	41.3	31.0	31.0
92.5°	32.6	88.1	143.6	157.5	221.4	306.6	349.2	306.0	219.8	155.0	148.9
95°	78.3	179.8	281.4	306.8	544.8	862.0	1020.6	910.8	691.0	526.2	507.5
97.5°	135.4	225.0	314.5	337.0	733.7	1262.8	1527.3	1457.9	1319.0	1214.8	1179.3
100°	179.5	260.7	341.9	362.2	802.5	1389.6	1683.1	1688.2	1698.4	1706.0	1663.7
102.5°	217.0	292.8	368.6	387.5	834.1	1429.4	1727.2	1815.6	1992.5	2125.2	2089.0
105°	280.6	344.8	409.0	425.0	857.5	1434.0	1722.3	1920.6	2317.3	2614.8	2595.3
107.5°	345.9	405.8	465.6	480.5	861.7	1370.1	1624.3	1901.0	2454.3	2869.3	2874.0
110°	390.0	444.0	498.0	511.5	855.3	1313.5	1542.7	1852.0	2470.6	2934.6	2954.9



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CATALOG NUMBER: SQ4-FA-150U-125D-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°	433.2	484.7	536.1	549.0	855.6	1264.2	1468.5	1785.1	2418.2	2893.0	2924.2
115°	498.5	546.0	593.5	605.4	863.4	1207.5	1379.6	1684.5	2294.4	2751.8	2795.0
117.5°	562.9	606.1	649.2	660.0	879.5	1172.1	1318.4	1593.6	2144.0	2556.8	2604.8
120°	600.5	641.1	681.8	691.9	892.5	1160.2	1293.9	1545.4	2048.3	2425.5	2472.0
122.5°	637.2	678.2	719.2	729.4	911.3	1153.9	1275.2	1501.6	1954.5	2294.1	2340.1
125°	693.4	730.8	768.2	777.5	936.6	1148.7	1254.8	1447.1	1831.8	2120.4	2162.6
127.5°	739.1	776.8	814.6	824.0	961.9	1145.7	1237.6	1402.8	1733.1	1980.8	2016.6
130°	763.6	804.3	844.9	855.0	980.4	1147.6	1231.1	1378.2	1672.2	1892.7	1925.7
132.5°	788.9	829.6	870.2	880.3	995.3	1148.7	1225.4	1357.0	1620.2	1817.7	1847.2
135°	826.4	863.4	900.5	909.7	1011.6	1147.6	1215.6	1325.8	1546.3	1711.6	1737.1
137.5°	864.8	901.4	938.0	947.2	1036.2	1154.7	1214.0	1307.2	1493.5	1633.3	1654.2
140°	896.6	930.4	964.0	972.5	1051.1	1155.9	1208.3	1288.8	1449.8	1570.5	1590.0
142.5°	921.0	952.3	983.5	991.2	1063.6	1160.1	1208.3	1279.0	1420.4	1526.4	1543.2
145°	958.6	985.8	1013.0	1019.8	1079.9	1160.1	1200.1	1257.9	1373.6	1460.4	1473.0
147.5°	996.1	1022.6	1049.1	1055.7	1103.8	1168.0	1200.1	1245.6	1336.6	1404.8	1415.4
150°	1020.6	1044.5	1068.4	1074.4	1116.3	1172.2	1200.1	1238.5	1315.4	1373.0	1381.6
152.5°	1045.9	1064.1	1082.2	1086.7	1124.5	1174.9	1200.1	1232.9	1298.5	1347.7	1354.2
155°	1083.4	1096.8	1110.3	1113.6	1142.5	1180.9	1200.1	1226.2	1278.4	1317.6	1321.8
157.5°	1111.1	1124.2	1137.3	1140.5	1160.4	1186.8	1200.1	1220.4	1261.0	1291.5	1294.4
160°	1130.0	1140.1	1150.2	1152.7	1168.5	1189.5	1200.1	1217.5	1252.3	1278.4	1280.1
162.5°	1148.7	1156.3	1163.9	1165.8	1177.2	1192.5	1200.1	1214.7	1244.1	1266.2	1267.9
165°	1169.1	1176.0	1182.8	1184.6	1189.7	1196.6	1200.1	1210.6	1231.7	1247.4	1249.2
167.5°	1187.9	1191.1	1194.4	1195.2	1199.6	1205.4	1208.3	1215.2	1229.0	1239.2	1239.9
170°	1200.1	1203.3	1206.6	1207.4	1207.7	1208.1	1208.3	1215.2	1229.0	1239.2	1239.2
172.5°	1206.6	1207.3	1208.1	1208.3	1208.3	1208.3	1208.3	1213.7	1224.6	1232.7	1232.1
175°	1215.6	1215.6	1215.6	1215.6	1213.2	1209.9	1208.3	1211.7	1218.6	1223.7	1223.7
177.5°	1215.6	1215.6	1215.6	1215.6	1213.7	1211.2	1209.9	1212.6	1218.1	1222.2	1221.5
180°	1215.6	1215.6	1215.6	1215.6	1215.6	1215.6	1215.6	1215.6	1215.6	1215.6	1215.6



TEST NUMBER: P936138

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5
2.5°	2399.2	2392.6	2399.2	2394.8	2397.0	2390.4	2370.5	2363.8	2370.5	2377.1	2377.1
5°	2428.0	2423.6	2428.0	2428.0	2425.8	2421.4	2399.2	2394.8	2399.2	2401.5	2397.0
7.5°	2436.9	2430.3	2436.9	2432.5	2432.5	2428.0	2405.9	2401.5	2403.7	2410.3	2403.7
10°	2436.9	2430.3	2436.9	2434.6	2432.5	2428.0	2405.9	2397.0	2397.0	2403.7	2397.0
12.5°	2425.8	2421.4	2425.8	2421.4	2421.4	2416.9	2394.8	2386.0	2388.2	2390.4	2381.5
15°	2408.1	2401.5	2408.1	2403.7	2405.9	2399.2	2374.9	2366.0	2366.0	2370.5	2355.0
17.5°	2381.5	2372.7	2381.5	2379.3	2377.1	2372.7	2350.6	2341.7	2339.5	2341.7	2330.6
20°	2350.6	2343.9	2350.6	2348.3	2348.3	2339.5	2317.3	2306.3	2306.3	2306.3	2295.2
22.5°	2301.8	2295.2	2301.8	2306.3	2306.3	2304.1	2284.1	2268.7	2264.2	2264.2	2251.0
25°	2246.5	2239.9	2246.5	2246.5	2244.4	2246.5	2239.9	2231.0	2224.4	2217.8	2204.5
27.5°	2193.4	2189.0	2193.4	2189.0	2193.4	2186.8	2184.5	2182.4	2173.5	2166.8	2149.1
30°	2140.3	2135.9	2140.3	2135.9	2131.4	2127.0	2115.9	2111.5	2120.4	2115.9	2087.1
32.5°	2073.9	2069.4	2073.9	2073.9	2069.4	2069.4	2051.7	2045.1	2047.4	2060.6	2034.0
35°	2005.2	1998.6	2005.2	2003.1	2005.2	1998.6	1987.5	1985.4	1976.5	1992.0	1972.1
37.5°	1925.6	1918.9	1925.6	1925.6	1925.6	1930.0	1921.2	1914.6	1901.2	1921.2	1905.7
40°	1843.7	1834.8	1843.7	1841.5	1843.7	1848.1	1843.7	1839.3	1826.0	1841.5	1828.2
42.5°	1750.8	1748.5	1750.8	1753.0	1753.0	1761.8	1768.5	1759.6	1755.1	1744.1	1753.0
45°	1651.1	1646.7	1651.1	1655.6	1657.7	1662.2	1682.2	1682.2	1675.5	1657.7	1671.1
47.5°	1544.9	1533.8	1544.9	1558.2	1558.2	1564.8	1584.7	1600.3	1589.2	1567.0	1573.7
50°	1432.1	1434.2	1432.1	1440.9	1440.9	1465.2	1480.7	1496.2	1507.3	1480.7	1449.8
52.5°	1321.4	1319.1	1321.4	1328.0	1336.8	1347.9	1374.5	1389.9	1407.6	1392.2	1343.5
55°	1210.6	1215.1	1210.6	1212.9	1217.4	1224.0	1263.8	1279.3	1312.5	1292.6	1241.7
57.5°	1100.0	1093.4	1100.0	1104.4	1106.7	1113.3	1146.5	1175.2	1195.2	1197.4	1135.5
60°	971.6	962.8	971.6	991.6	996.0	1000.4	1031.4	1058.0	1075.7	1082.3	1018.1
62.5°	858.8	843.3	858.8	872.0	880.9	892.0	914.1	953.9	969.4	971.6	880.9
65°	739.2	732.6	739.2	765.8	768.0	781.3	805.7	834.4	867.6	863.2	732.6
67.5°	630.8	630.8	630.8	648.5	661.8	668.4	699.4	712.7	754.7	759.2	610.9
70°	531.2	529.0	531.2	544.5	553.3	568.8	597.6	613.1	646.3	657.3	495.8
72.5°	436.0	433.8	436.0	447.1	456.0	469.2	493.6	511.3	540.1	553.3	385.1
75°	352.0	347.5	352.0	360.8	358.6	376.3	396.2	413.9	440.5	449.3	285.5
77.5°	270.1	270.1	270.1	278.9	278.9	296.6	305.5	327.5	343.1	356.3	210.2
80°	201.4	199.2	201.4	203.6	203.6	212.5	227.9	243.5	256.7	256.7	143.9
82.5°	141.6	137.3	141.6	141.6	141.6	146.1	155.0	159.3	168.2	174.8	90.8
85°	88.5	88.5	88.5	90.8	88.5	93.0	95.1	99.6	99.6	95.1	55.4
87.5°	57.6	55.4	57.6	55.4	55.4	53.1	53.1	53.1	50.9	48.7	31.0
90°	31.0	31.0	31.0	31.0	31.0	41.3	55.1	62.0	53.3	35.9	22.8
92.5°	124.2	99.5	124.2	148.9	155.0	219.8	306.0	349.2	306.6	221.4	157.5
95°	432.8	358.1	432.8	507.5	526.2	691.0	910.8	1020.6	862.0	544.8	306.8
97.5°	1037.1	895.0	1037.1	1179.3	1214.8	1319.0	1457.9	1527.3	1262.8	733.7	337.0
100°	1494.3	1325.0	1494.3	1663.7	1706.0	1698.4	1688.2	1683.1	1389.6	802.5	362.2
102.5°	1943.9	1798.9	1943.9	2089.0	2125.2	1992.5	1815.6	1727.2	1429.4	834.1	387.5
105°	2517.3	2439.3	2517.3	2595.3	2614.8	2317.3	1920.6	1722.3	1434.0	857.5	425.0
107.5°	2892.9	2911.7	2892.9	2874.0	2869.3	2454.3	1901.0	1624.3	1370.1	861.7	480.5
110°	3036.1	3117.3	3036.1	2954.9	2934.6	2470.6	1852.0	1542.7	1313.5	855.3	511.5



TEST NUMBER: P936138

CATALOG NUMBER: SQ4-FA-150U-125D-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°	3048.9	3173.6	3048.9	2924.2	2893.0	2418.2	1785.1	1468.5	1264.2	855.6	549.0
115°	2968.0	3141.0	2968.0	2795.0	2751.8	2294.4	1684.5	1379.6	1207.5	863.4	605.4
117.5°	2796.6	2988.5	2796.6	2604.8	2556.8	2144.0	1593.6	1318.4	1172.1	879.5	660.0
120°	2658.5	2844.8	2658.5	2472.0	2425.5	2048.3	1545.4	1293.9	1160.2	892.5	691.9
122.5°	2523.9	2707.8	2523.9	2340.1	2294.1	1954.5	1501.6	1275.2	1153.9	911.3	729.4
125°	2332.0	2501.3	2332.0	2162.6	2120.4	1831.8	1447.1	1254.8	1148.7	936.6	777.5
127.5°	2159.4	2302.3	2159.4	2016.6	1980.8	1733.1	1402.8	1237.6	1145.7	961.9	824.0
130°	2057.7	2189.7	2057.7	1925.7	1892.7	1672.2	1378.2	1231.1	1147.6	980.4	855.0
132.5°	1965.4	2083.6	1965.4	1847.2	1817.7	1620.2	1357.0	1225.4	1148.7	995.3	880.3
135°	1839.0	1940.9	1839.0	1737.1	1711.6	1546.3	1325.8	1215.6	1147.6	1011.6	909.7
137.5°	1737.6	1821.0	1737.6	1654.2	1633.3	1493.5	1307.2	1214.0	1154.7	1036.2	947.2
140°	1667.9	1745.9	1667.9	1590.0	1570.5	1449.8	1288.8	1208.3	1155.9	1051.1	972.5
142.5°	1610.3	1677.4	1610.3	1543.2	1526.4	1420.4	1279.0	1208.3	1160.1	1063.6	991.2
145°	1523.8	1574.5	1523.8	1473.0	1460.4	1373.6	1257.9	1200.1	1160.1	1079.9	1019.8
147.5°	1457.4	1499.5	1457.4	1415.4	1404.8	1336.6	1245.6	1200.1	1168.0	1103.8	1055.7
150°	1415.7	1449.8	1415.7	1381.6	1373.0	1315.4	1238.5	1200.1	1172.2	1116.3	1074.4
152.5°	1379.9	1405.7	1379.9	1354.2	1347.7	1298.5	1232.9	1200.1	1174.9	1124.5	1086.7
155°	1338.8	1355.9	1338.8	1321.8	1317.6	1278.4	1226.2	1200.1	1180.9	1142.5	1113.6
157.5°	1306.5	1318.4	1306.5	1294.4	1291.5	1261.0	1220.4	1200.1	1186.8	1160.4	1140.5
160°	1287.0	1293.9	1287.0	1280.1	1278.4	1252.3	1217.5	1200.1	1189.5	1168.5	1152.7
162.5°	1274.3	1280.8	1274.3	1267.9	1266.2	1244.1	1214.7	1200.1	1192.5	1177.2	1165.8
165°	1256.0	1262.9	1256.0	1249.2	1247.4	1231.7	1210.6	1200.1	1196.6	1189.7	1184.6
167.5°	1242.9	1245.8	1242.9	1239.9	1239.2	1229.0	1215.2	1208.3	1205.4	1199.6	1195.2
170°	1239.2	1239.2	1239.2	1239.2	1239.2	1229.0	1215.2	1208.3	1208.1	1207.7	1207.4
172.5°	1229.6	1227.0	1229.6	1232.1	1232.7	1224.6	1213.7	1208.3	1208.3	1208.3	1208.3
175°	1223.7	1223.7	1223.7	1223.7	1223.7	1218.6	1211.7	1208.3	1209.9	1213.2	1215.6
177.5°	1218.5	1215.6	1218.5	1221.5	1222.2	1218.1	1212.6	1209.9	1211.2	1213.7	1215.6
180°	1215.6	1215.6	1215.6	1215.6	1215.6	1215.6	1215.6	1215.6	1215.6	1215.6	1215.6



TEST NUMBER: P936138

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5
2.5°	2372.7	2359.4	2359.4	2337.3	2328.4	2321.8	2310.7	2277.5	2268.7	2259.8	2273.0
5°	2392.6	2368.3	2350.6	2310.7	2277.5	2264.2	2222.2	2142.5	2089.4	2049.5	2027.4
7.5°	2397.0	2366.0	2332.9	2270.9	2191.2	2155.8	2027.4	1881.3	1841.5	1806.1	1783.9
10°	2392.6	2357.2	2310.7	2217.8	2029.7	1967.7	1839.3	1744.1	1719.7	1713.1	1719.7
12.5°	2377.1	2343.9	2279.8	2124.8	1861.4	1819.3	1744.1	1688.8	1684.3	1695.4	1755.1
15°	2350.6	2319.5	2244.4	2000.9	1768.5	1737.4	1684.3	1664.5	1688.8	1766.2	1945.5
17.5°	2324.0	2288.6	2195.6	1879.1	1697.6	1675.5	1637.9	1677.7	1815.0	1918.9	1978.7
20°	2288.6	2246.5	2140.3	1790.5	1646.7	1626.8	1609.1	1788.4	1892.4	1930.0	1963.2
22.5°	2246.5	2202.2	2065.1	1728.6	1593.6	1578.1	1589.2	1850.4	1892.4	1918.9	1947.7
25°	2191.2	2153.6	1976.5	1679.9	1551.5	1533.8	1575.9	1843.7	1868.1	1874.7	1932.3
27.5°	2140.3	2091.6	1883.5	1635.7	1500.6	1494.0	1586.9	1815.0	1832.7	1839.3	1901.2
30°	2078.3	2005.2	1779.5	1589.2	1447.5	1445.3	1589.2	1779.5	1775.1	1792.8	1854.7
32.5°	2014.1	1876.9	1662.2	1531.6	1396.6	1394.4	1573.7	1726.4	1722.0	1746.3	1792.8
35°	1954.4	1777.3	1502.9	1465.2	1332.4	1334.6	1536.1	1664.5	1666.6	1688.8	1717.6
37.5°	1892.4	1691.0	1328.0	1392.2	1270.5	1270.5	1485.2	1606.9	1602.4	1609.1	1648.9
40°	1819.3	1556.0	1173.1	1297.0	1212.9	1206.3	1423.2	1544.9	1529.4	1527.2	1582.6
42.5°	1741.9	1407.6	1058.0	1170.9	1146.5	1137.7	1347.9	1469.6	1440.9	1447.5	1518.3
45°	1657.7	1367.9	969.4	989.3	1077.9	1071.2	1266.0	1383.3	1363.4	1381.1	1454.1
47.5°	1573.7	1288.2	940.7	821.1	1004.8	1002.7	1175.2	1299.2	1288.2	1305.9	1383.3
50°	1458.6	1199.7	938.5	703.8	923.0	931.8	1066.8	1217.4	1217.4	1232.8	1314.7
52.5°	1310.3	1091.2	852.2	637.5	827.8	854.3	971.6	1146.5	1150.9	1166.4	1239.4
55°	1175.2	978.2	790.2	586.5	714.9	772.4	878.7	1073.5	1082.3	1097.8	1164.2
57.5°	1051.3	814.5	776.9	526.8	610.9	666.2	796.8	1002.7	1007.0	1020.4	1084.5
60°	918.5	588.7	712.7	462.6	520.2	562.2	721.5	918.5	934.0	942.8	998.2
62.5°	768.0	427.2	646.3	418.3	475.9	484.7	659.6	838.8	858.8	865.4	898.6
65°	546.7	358.6	548.9	380.7	429.4	431.6	593.2	756.9	774.6	785.7	810.1
67.5°	369.7	292.1	418.3	345.2	394.0	396.2	529.0	661.8	686.1	695.0	710.4
70°	256.7	194.8	309.8	307.7	354.1	358.6	460.3	575.5	597.6	604.2	613.1
72.5°	188.1	157.1	256.7	276.7	312.1	316.5	389.5	478.0	500.2	506.8	511.3
75°	143.9	166.0	208.1	241.3	265.6	267.8	318.7	389.5	405.1	409.5	411.7
77.5°	115.1	155.0	152.7	194.8	216.9	212.5	250.1	301.0	314.3	314.3	314.3
80°	86.3	121.7	115.1	139.4	159.3	155.0	179.3	214.7	219.1	223.5	221.3
82.5°	64.2	77.4	77.4	88.5	106.2	101.9	119.6	139.4	139.4	139.4	143.9
85°	39.9	44.3	35.4	46.5	59.7	57.6	66.4	75.3	77.4	77.4	73.1
87.5°	24.3	19.9	11.1	17.7	26.6	26.6	31.0	33.2	31.0	31.0	31.0
90°	21.2	14.7	8.2	14.7	21.2	22.8	35.9	53.3	62.0	55.1	41.3
92.5°	143.6	88.1	32.6	88.1	143.6	157.5	221.4	306.6	349.2	306.0	219.8
95°	281.4	179.8	78.3	179.8	281.4	306.8	544.8	862.0	1020.6	910.8	691.0
97.5°	314.5	225.0	135.4	225.0	314.5	337.0	733.7	1262.8	1527.3	1457.9	1319.0
100°	341.9	260.7	179.5	260.7	341.9	362.2	802.5	1389.6	1683.1	1688.2	1698.4
102.5°	368.6	292.8	217.0	292.8	368.6	387.5	834.1	1429.4	1727.2	1815.6	1992.5
105°	409.0	344.8	280.6	344.8	409.0	425.0	857.5	1434.0	1722.3	1920.6	2317.3
107.5°	465.6	405.8	345.9	405.8	465.6	480.5	861.7	1370.1	1624.3	1901.0	2454.3
110°	498.0	444.0	390.0	444.0	498.0	511.5	855.3	1313.5	1542.7	1852.0	2470.6



TEST NUMBER: P936138

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	536.1	484.7	433.2	484.7	536.1	549.0	855.6	1264.2	1468.5	1785.1	2418.2
115°	593.5	546.0	498.5	546.0	593.5	605.4	863.4	1207.5	1379.6	1684.5	2294.4
117.5°	649.2	606.1	562.9	606.1	649.2	660.0	879.5	1172.1	1318.4	1593.6	2144.0
120°	681.8	641.1	600.5	641.1	681.8	691.9	892.5	1160.2	1293.9	1545.4	2048.3
122.5°	719.2	678.2	637.2	678.2	719.2	729.4	911.3	1153.9	1275.2	1501.6	1954.5
125°	768.2	730.8	693.4	730.8	768.2	777.5	936.6	1148.7	1254.8	1447.1	1831.8
127.5°	814.6	776.8	739.1	776.8	814.6	824.0	961.9	1145.7	1237.6	1402.8	1733.1
130°	844.9	804.3	763.6	804.3	844.9	855.0	980.4	1147.6	1231.1	1378.2	1672.2
132.5°	870.2	829.6	788.9	829.6	870.2	880.3	995.3	1148.7	1225.4	1357.0	1620.2
135°	900.5	863.4	826.4	863.4	900.5	909.7	1011.6	1147.6	1215.6	1325.8	1546.3
137.5°	938.0	901.4	864.8	901.4	938.0	947.2	1036.2	1154.7	1214.0	1307.2	1493.5
140°	964.0	930.4	896.6	930.4	964.0	972.5	1051.1	1155.9	1208.3	1288.8	1449.8
142.5°	983.5	952.3	921.0	952.3	983.5	991.2	1063.6	1160.1	1208.3	1279.0	1420.4
145°	1013.0	985.8	958.6	985.8	1013.0	1019.8	1079.9	1160.1	1200.1	1257.9	1373.6
147.5°	1049.1	1022.6	996.1	1022.6	1049.1	1055.7	1103.8	1168.0	1200.1	1245.6	1336.6
150°	1068.4	1044.5	1020.6	1044.5	1068.4	1074.4	1116.3	1172.2	1200.1	1238.5	1315.4
152.5°	1082.2	1064.1	1045.9	1064.1	1082.2	1086.7	1124.5	1174.9	1200.1	1232.9	1298.5
155°	1110.3	1096.8	1083.4	1096.8	1110.3	1113.6	1142.5	1180.9	1200.1	1226.2	1278.4
157.5°	1137.3	1124.2	1111.1	1124.2	1137.3	1140.5	1160.4	1186.8	1200.1	1220.4	1261.0
160°	1150.2	1140.1	1130.0	1140.1	1150.2	1152.7	1168.5	1189.5	1200.1	1217.5	1252.3
162.5°	1163.9	1156.3	1148.7	1156.3	1163.9	1165.8	1177.2	1192.5	1200.1	1214.7	1244.1
165°	1182.8	1176.0	1169.1	1176.0	1182.8	1184.6	1189.7	1196.6	1200.1	1210.6	1231.7
167.5°	1194.4	1191.1	1187.9	1191.1	1194.4	1195.2	1199.6	1205.4	1208.3	1215.2	1229.0
170°	1206.6	1203.3	1200.1	1203.3	1206.6	1207.4	1207.7	1208.1	1208.3	1215.2	1229.0
172.5°	1208.1	1207.3	1206.6	1207.3	1208.1	1208.3	1208.3	1208.3	1208.3	1213.7	1224.6
175°	1215.6	1215.6	1215.6	1215.6	1215.6	1215.6	1213.2	1209.9	1208.3	1211.7	1218.6
177.5°	1215.6	1215.6	1215.6	1215.6	1215.6	1215.6	1213.7	1211.2	1209.9	1212.6	1218.1
180°	1215.6	1215.6	1215.6	1215.6	1215.6	1215.6	1215.6	1215.6	1215.6	1215.6	1215.6



TEST NUMBER: P936138

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5
2.5°	2257.6	2251.0	2259.8	2235.5	2259.8	2251.0	2257.6	2273.0	2259.8	2268.7	2277.5
5°	1980.9	1969.8	1934.4	1905.7	1934.4	1969.8	1980.9	2027.4	2049.5	2089.4	2142.5
7.5°	1770.7	1761.8	1753.0	1735.3	1753.0	1761.8	1770.7	1783.9	1806.1	1841.5	1881.3
10°	1724.2	1726.4	1739.7	1737.4	1739.7	1726.4	1724.2	1719.7	1713.1	1719.7	1744.1
12.5°	1843.7	1863.6	1936.7	1932.3	1936.7	1863.6	1843.7	1755.1	1695.4	1684.3	1688.8
15°	1980.9	1987.5	2003.1	2005.2	2003.1	1987.5	1980.9	1945.5	1766.2	1688.8	1664.5
17.5°	1994.2	1996.4	2007.5	2007.5	2007.5	1996.4	1994.2	1978.7	1918.9	1815.0	1677.7
20°	1983.2	1987.5	2009.7	2014.1	2009.7	1987.5	1983.2	1963.2	1930.0	1892.4	1788.4
22.5°	1978.7	1987.5	2005.2	2003.1	2005.2	1987.5	1978.7	1947.7	1918.9	1892.4	1850.4
25°	1956.6	1956.6	1958.8	1961.0	1958.8	1956.6	1956.6	1932.3	1874.7	1868.1	1843.7
27.5°	1910.1	1914.6	1927.8	1925.6	1927.8	1914.6	1910.1	1901.2	1839.3	1832.7	1815.0
30°	1868.1	1863.6	1852.5	1843.7	1852.5	1863.6	1868.1	1854.7	1792.8	1775.1	1779.5
32.5°	1797.3	1786.2	1775.1	1768.5	1775.1	1786.2	1797.3	1792.8	1746.3	1722.0	1726.4
35°	1713.1	1715.3	1713.1	1706.5	1713.1	1715.3	1713.1	1717.6	1688.8	1666.6	1664.5
37.5°	1653.4	1657.7	1655.6	1646.7	1655.6	1657.7	1653.4	1648.9	1609.1	1602.4	1606.9
40°	1591.4	1593.6	1591.4	1584.7	1591.4	1593.6	1591.4	1582.6	1527.2	1529.4	1544.9
42.5°	1531.6	1529.4	1522.7	1518.3	1522.7	1529.4	1531.6	1518.3	1447.5	1440.9	1469.6
45°	1463.0	1465.2	1451.9	1445.3	1451.9	1465.2	1463.0	1454.1	1381.1	1363.4	1383.3
47.5°	1394.4	1394.4	1383.3	1376.7	1383.3	1394.4	1394.4	1383.3	1305.9	1288.2	1299.2
50°	1321.4	1319.1	1303.7	1301.4	1303.7	1319.1	1321.4	1314.7	1232.8	1217.4	1217.4
52.5°	1237.2	1237.2	1239.4	1243.9	1239.4	1237.2	1237.2	1239.4	1166.4	1150.9	1146.5
55°	1164.2	1166.4	1182.0	1186.3	1182.0	1166.4	1164.2	1164.2	1097.8	1082.3	1073.5
57.5°	1089.0	1089.0	1100.0	1100.0	1100.0	1089.0	1089.0	1084.5	1020.4	1007.0	1002.7
60°	1002.7	1007.0	1015.9	1013.7	1015.9	1007.0	1002.7	998.2	942.8	934.0	918.5
62.5°	911.9	916.3	918.5	914.1	918.5	916.3	911.9	898.6	865.4	858.8	838.8
65°	816.7	821.1	823.4	818.9	823.4	821.1	816.7	810.1	785.7	774.6	756.9
67.5°	719.3	717.1	714.9	723.8	714.9	717.1	719.3	710.4	695.0	686.1	661.8
70°	619.8	619.8	617.5	621.9	617.5	619.8	619.8	613.1	604.2	597.6	575.5
72.5°	513.5	511.3	520.2	513.5	520.2	511.3	513.5	511.3	506.8	500.2	478.0
75°	409.5	413.9	409.5	416.1	409.5	413.9	409.5	411.7	409.5	405.1	389.5
77.5°	312.1	316.5	312.1	312.1	312.1	316.5	312.1	314.3	314.3	314.3	301.0
80°	221.3	219.1	219.1	216.9	219.1	219.1	221.3	221.3	223.5	219.1	214.7
82.5°	141.6	139.4	139.4	143.9	139.4	139.4	141.6	143.9	139.4	139.4	139.4
85°	77.4	79.7	75.3	75.3	75.3	79.7	77.4	73.1	77.4	77.4	75.3
87.5°	28.8	26.6	26.6	26.6	26.6	26.6	28.8	31.0	31.0	31.0	33.2
90°	31.0	31.0	31.0	31.0	31.0	31.0	31.0	41.3	55.1	62.0	53.3
92.5°	155.0	148.9	124.2	99.5	124.2	148.9	155.0	219.8	306.0	349.2	306.6
95°	526.2	507.5	432.8	358.1	432.8	507.5	526.2	691.0	910.8	1020.6	862.0
97.5°	1214.8	1179.3	1037.1	895.0	1037.1	1179.3	1214.8	1319.0	1457.9	1527.3	1262.8
100°	1706.0	1663.7	1494.3	1325.0	1494.3	1663.7	1706.0	1698.4	1688.2	1683.1	1389.6
102.5°	2125.2	2089.0	1943.9	1798.9	1943.9	2089.0	2125.2	1992.5	1815.6	1727.2	1429.4
105°	2614.8	2595.3	2517.3	2439.3	2517.3	2595.3	2614.8	2317.3	1920.6	1722.3	1434.0
107.5°	2869.3	2874.0	2892.9	2911.7	2892.9	2874.0	2869.3	2454.3	1901.0	1624.3	1370.1
110°	2934.6	2954.9	3036.1	3117.3	3036.1	2954.9	2934.6	2470.6	1852.0	1542.7	1313.5



TEST NUMBER: P936138

CATALOG NUMBER: SQ4-FA-150U-125D-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°	2893.0	2924.2	3048.9	3173.6	3048.9	2924.2	2893.0	2418.2	1785.1	1468.5	1264.2
115°	2751.8	2795.0	2968.0	3141.0	2968.0	2795.0	2751.8	2294.4	1684.5	1379.6	1207.5
117.5°	2556.8	2604.8	2796.6	2988.5	2796.6	2604.8	2556.8	2144.0	1593.6	1318.4	1172.1
120°	2425.5	2472.0	2658.5	2844.8	2658.5	2472.0	2425.5	2048.3	1545.4	1293.9	1160.2
122.5°	2294.1	2340.1	2523.9	2707.8	2523.9	2340.1	2294.1	1954.5	1501.6	1275.2	1153.9
125°	2120.4	2162.6	2332.0	2501.3	2332.0	2162.6	2120.4	1831.8	1447.1	1254.8	1148.7
127.5°	1980.8	2016.6	2159.4	2302.3	2159.4	2016.6	1980.8	1733.1	1402.8	1237.6	1145.7
130°	1892.7	1925.7	2057.7	2189.7	2057.7	1925.7	1892.7	1672.2	1378.2	1231.1	1147.6
132.5°	1817.7	1847.2	1965.4	2083.6	1965.4	1847.2	1817.7	1620.2	1357.0	1225.4	1148.7
135°	1711.6	1737.1	1839.0	1940.9	1839.0	1737.1	1711.6	1546.3	1325.8	1215.6	1147.6
137.5°	1633.3	1654.2	1737.6	1821.0	1737.6	1654.2	1633.3	1493.5	1307.2	1214.0	1154.7
140°	1570.5	1590.0	1667.9	1745.9	1667.9	1590.0	1570.5	1449.8	1288.8	1208.3	1155.9
142.5°	1526.4	1543.2	1610.3	1677.4	1610.3	1543.2	1526.4	1420.4	1279.0	1208.3	1160.1
145°	1460.4	1473.0	1523.8	1574.5	1523.8	1473.0	1460.4	1373.6	1257.9	1200.1	1160.1
147.5°	1404.8	1415.4	1457.4	1499.5	1457.4	1415.4	1404.8	1336.6	1245.6	1200.1	1168.0
150°	1373.0	1381.6	1415.7	1449.8	1415.7	1381.6	1373.0	1315.4	1238.5	1200.1	1172.2
152.5°	1347.7	1354.2	1379.9	1405.7	1379.9	1354.2	1347.7	1298.5	1232.9	1200.1	1174.9
155°	1317.6	1321.8	1338.8	1355.9	1338.8	1321.8	1317.6	1278.4	1226.2	1200.1	1180.9
157.5°	1291.5	1294.4	1306.5	1318.4	1306.5	1294.4	1291.5	1261.0	1220.4	1200.1	1186.8
160°	1278.4	1280.1	1287.0	1293.9	1287.0	1280.1	1278.4	1252.3	1217.5	1200.1	1189.5
162.5°	1266.2	1267.9	1274.3	1280.8	1274.3	1267.9	1266.2	1244.1	1214.7	1200.1	1192.5
165°	1247.4	1249.2	1256.0	1262.9	1256.0	1249.2	1247.4	1231.7	1210.6	1200.1	1196.6
167.5°	1239.2	1239.9	1242.9	1245.8	1242.9	1239.9	1239.2	1229.0	1215.2	1208.3	1205.4
170°	1239.2	1239.2	1239.2	1239.2	1239.2	1239.2	1239.2	1229.0	1215.2	1208.3	1208.1
172.5°	1232.7	1232.1	1229.6	1227.0	1229.6	1232.1	1232.7	1224.6	1213.7	1208.3	1208.3
175°	1223.7	1223.7	1223.7	1223.7	1223.7	1223.7	1223.7	1218.6	1211.7	1208.3	1209.9
177.5°	1222.2	1221.5	1218.5	1215.6	1218.5	1221.5	1222.2	1218.1	1212.6	1209.9	1211.2
180°	1215.6	1215.6	1215.6	1215.6	1215.6	1215.6	1215.6	1215.6	1215.6	1215.6	1215.6



TEST NUMBER: P936138

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2339.5	2339.5	2339.5	2339.5	2339.5
2.5°	2310.7	2321.8	2328.4	2337.3	2359.4
5°	2222.2	2264.2	2277.5	2310.7	2350.6
7.5°	2027.4	2155.8	2191.2	2270.9	2332.9
10°	1839.3	1967.7	2029.7	2217.8	2310.7
12.5°	1744.1	1819.3	1861.4	2124.8	2279.8
15°	1684.3	1737.4	1768.5	2000.9	2244.4
17.5°	1637.9	1675.5	1697.6	1879.1	2195.6
20°	1609.1	1626.8	1646.7	1790.5	2140.3
22.5°	1589.2	1578.1	1593.6	1728.6	2065.1
25°	1575.9	1533.8	1551.5	1679.9	1976.5
27.5°	1586.9	1494.0	1500.6	1635.7	1883.5
30°	1589.2	1445.3	1447.5	1589.2	1779.5
32.5°	1573.7	1394.4	1396.6	1531.6	1662.2
35°	1536.1	1334.6	1332.4	1465.2	1502.9
37.5°	1485.2	1270.5	1270.5	1392.2	1328.0
40°	1423.2	1206.3	1212.9	1297.0	1173.1
42.5°	1347.9	1137.7	1146.5	1170.9	1058.0
45°	1266.0	1071.2	1077.9	989.3	969.4
47.5°	1175.2	1002.7	1004.8	821.1	940.7
50°	1066.8	931.8	923.0	703.8	938.5
52.5°	971.6	854.3	827.8	637.5	852.2
55°	878.7	772.4	714.9	586.5	790.2
57.5°	796.8	666.2	610.9	526.8	776.9
60°	721.5	562.2	520.2	462.6	712.7
62.5°	659.6	484.7	475.9	418.3	646.3
65°	593.2	431.6	429.4	380.7	548.9
67.5°	529.0	396.2	394.0	345.2	418.3
70°	460.3	358.6	354.1	307.7	309.8
72.5°	389.5	316.5	312.1	276.7	256.7
75°	318.7	267.8	265.6	241.3	208.1
77.5°	250.1	212.5	216.9	194.8	152.7
80°	179.3	155.0	159.3	139.4	115.1
82.5°	119.6	101.9	106.2	88.5	77.4
85°	66.4	57.6	59.7	46.5	35.4
87.5°	31.0	26.6	26.6	17.7	11.1
90°	35.9	22.8	21.2	14.7	8.2
92.5°	221.4	157.5	143.6	88.1	32.6
95°	544.8	306.8	281.4	179.8	78.3
97.5°	733.7	337.0	314.5	225.0	135.4
100°	802.5	362.2	341.9	260.7	179.5
102.5°	834.1	387.5	368.6	292.8	217.0
105°	857.5	425.0	409.0	344.8	280.6
107.5°	861.7	480.5	465.6	405.8	345.9
110°	855.3	511.5	498.0	444.0	390.0



TEST NUMBER: P936138

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	855.6	549.0	536.1	484.7	433.2
115°	863.4	605.4	593.5	546.0	498.5
117.5°	879.5	660.0	649.2	606.1	562.9
120°	892.5	691.9	681.8	641.1	600.5
122.5°	911.3	729.4	719.2	678.2	637.2
125°	936.6	777.5	768.2	730.8	693.4
127.5°	961.9	824.0	814.6	776.8	739.1
130°	980.4	855.0	844.9	804.3	763.6
132.5°	995.3	880.3	870.2	829.6	788.9
135°	1011.6	909.7	900.5	863.4	826.4
137.5°	1036.2	947.2	938.0	901.4	864.8
140°	1051.1	972.5	964.0	930.4	896.6
142.5°	1063.6	991.2	983.5	952.3	921.0
145°	1079.9	1019.8	1013.0	985.8	958.6
147.5°	1103.8	1055.7	1049.1	1022.6	996.1
150°	1116.3	1074.4	1068.4	1044.5	1020.6
152.5°	1124.5	1086.7	1082.2	1064.1	1045.9
155°	1142.5	1113.6	1110.3	1096.8	1083.4
157.5°	1160.4	1140.5	1137.3	1124.2	1111.1
160°	1168.5	1152.7	1150.2	1140.1	1130.0
162.5°	1177.2	1165.8	1163.9	1156.3	1148.7
165°	1189.7	1184.6	1182.8	1176.0	1169.1
167.5°	1199.6	1195.2	1194.4	1191.1	1187.9
170°	1207.7	1207.4	1206.6	1203.3	1200.1
172.5°	1208.3	1208.3	1208.1	1207.3	1206.6
175°	1213.2	1215.6	1215.6	1215.6	1215.6
177.5°	1213.7	1215.6	1215.6	1215.6	1215.6
180°	1215.6	1215.6	1215.6	1215.6	1215.6



TEST NUMBER: P936138
 CATALOG NUMBER: SQ4-FA-150U-125D-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	13.46	14.26	14.47	15.28	16.64	16.28	17.09	17.29	18.11	19.47
	3H	13.93	14.65	14.95	15.68	17.06	17.62	18.34	18.64	19.37	20.75
	4H	14.12	14.80	15.15	15.83	17.22	18.06	18.74	19.09	19.78	21.16
	6H	14.23	14.86	15.28	15.90	17.30	18.34	18.97	19.39	20.01	21.41
	8H	14.23	14.83	15.28	15.89	17.28	18.41	19.01	19.46	20.07	21.46
	12H	14.20	14.77	15.26	15.82	17.24	18.45	19.02	19.50	20.07	21.49
4H	2H	14.48	15.16	15.52	16.20	17.59	16.68	17.37	17.72	18.40	19.79
	3H	15.50	16.07	16.55	17.13	18.53	18.18	18.75	19.23	19.81	21.21
	4H	15.78	16.30	16.83	17.35	18.77	18.71	19.23	19.76	20.28	21.70
	6H	15.90	16.35	16.96	17.42	18.84	19.07	19.52	20.13	20.59	22.01
	8H	15.90	16.32	16.97	17.39	18.82	19.17	19.59	20.24	20.66	22.09
	12H	15.87	16.25	16.95	17.33	18.77	19.22	19.60	20.31	20.68	22.12
8H	4H	16.22	16.64	17.29	17.71	19.15	18.83	19.25	19.89	20.31	21.75
	6H	16.48	16.83	17.57	17.94	19.37	19.26	19.61	20.35	20.71	22.15
	8H	16.53	16.83	17.62	17.92	19.37	19.41	19.71	20.51	20.81	22.26
	12H	16.51	16.77	17.61	17.86	19.35	19.50	19.77	20.60	20.86	22.35
12H	4H	16.23	16.61	17.31	17.69	19.13	18.79	19.17	19.87	20.25	21.69
	6H	16.54	16.85	17.64	17.94	19.39	19.26	19.56	20.35	20.65	22.10
	8H	16.61	16.87	17.71	17.96	19.45	19.41	19.68	20.51	20.77	22.26