

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: P935688

Luminaire Tested: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-6-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935688
REPORT IS A COMBINATION OF REPORTS P933763 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-6-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

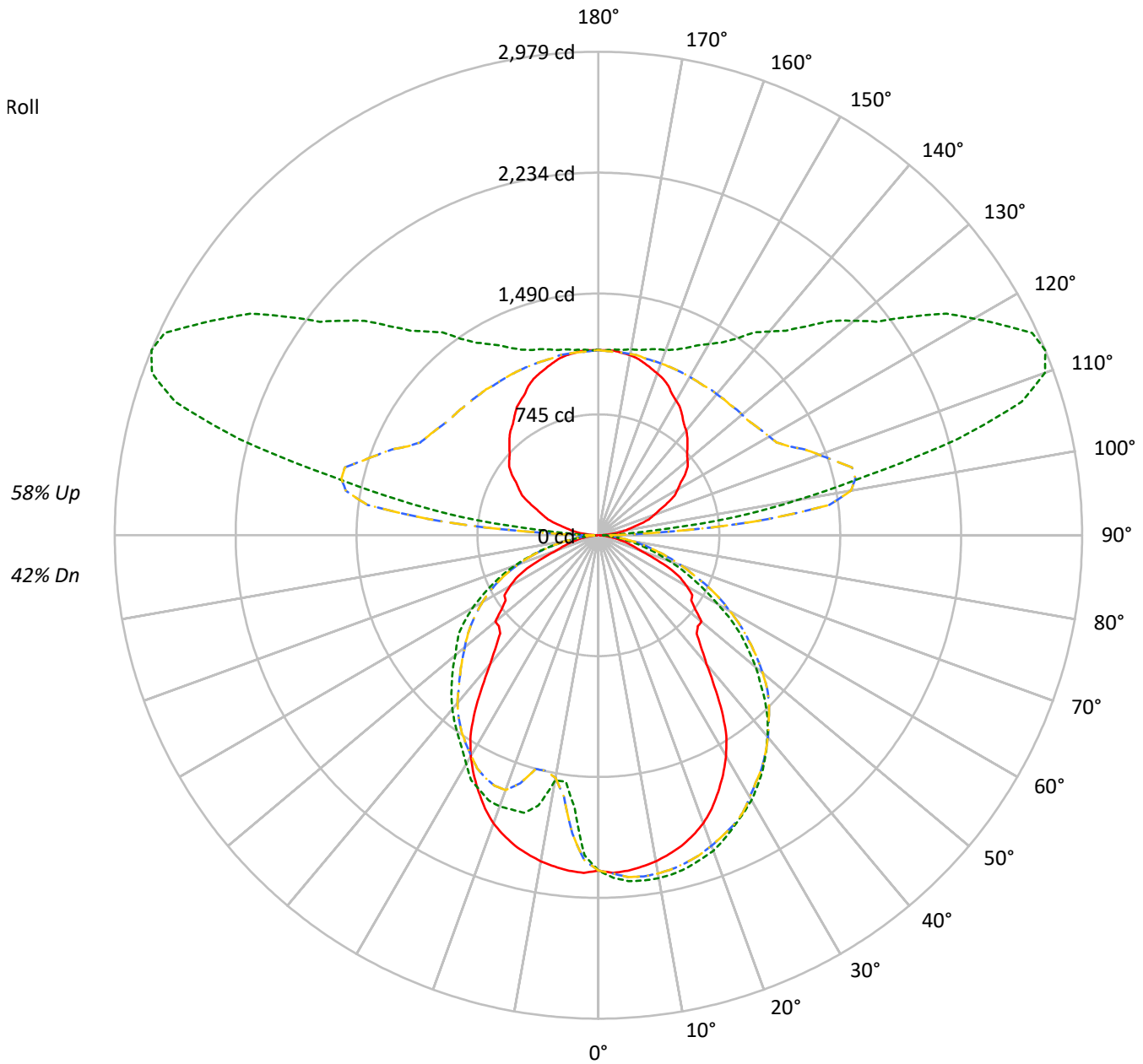
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12755.8 lumens
Efficiency: N/A
Efficacy: 132.0 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): 96.6
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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Luminous Intensity Polar Plot



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



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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	105	105	105	105	96	96	96	96	79	79	79	63	63	63	49	49	49	49	49	49	42
1	96	92	88	85	88	84	81	78	69	67	65	56	54	53	43	42	41	41	41	41	35
2	87	80	74	69	80	73	68	64	61	57	54	49	46	44	38	36	35	35	35	35	30
3	80	70	63	57	72	65	58	53	53	49	45	43	40	37	34	31	30	30	30	30	25
4	73	62	54	49	66	57	50	45	47	42	38	38	35	32	30	28	25	25	25	25	22
5	67	55	47	41	61	51	44	39	42	37	33	34	31	27	27	24	22	22	22	22	19
6	62	50	42	36	56	46	39	33	38	33	29	31	27	24	24	22	19	19	19	19	16
7	57	45	37	31	52	41	34	29	34	29	25	28	24	21	22	19	17	17	17	17	15
8	53	40	33	28	48	37	31	26	31	26	22	26	22	19	20	18	15	15	15	15	13
9	49	37	30	25	45	34	27	23	29	24	20	24	20	17	19	16	14	14	14	14	12
10	46	34	27	22	42	31	25	21	26	21	18	22	18	15	17	15	13	13	13	13	11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12776	12776	12776	12776
5°	12867	12897	12867	10141
10°	12776	12704	12776	9082
15°	12633	12429	12633	10379
20°	12364	12103	12364	10400
25°	11818	11627	11818	10180
30°	11115	11232	11115	9696
35°	9904	10732	9904	9164
40°	8248	10145	8248	8762
45°	7364	9457	7364	8300
50°	7817	8636	7817	7837
55°	7349	7752	7349	7568
60°	7566	6583	7566	6932
65°	6849	5442	6849	6083
70°	4730	4337	4730	5099
75°	4134	3205	4134	3840
80°	3307	2120	3307	2308
85°	1866	1123	1866	955

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11295 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	186.4	1.5
10°-20°	529.3	4.1
20°-30°	818.2	6.4
30°-40°	976.8	7.7
40°-50°	982.5	7.7
50°-60°	854.9	6.7
60°-70°	606.1	4.8
70°-80°	320.7	2.5
80°-90°	84.2	0.7
90°-100°	556.2	4.4
100°-110°	1462.2	11.5
110°-120°	1516.1	11.9
120°-130°	1216.1	9.5
130°-140°	954.2	7.5
140°-150°	732.4	5.7
150°-160°	527.5	4.1
160°-170°	322.7	2.5
170°-180°	109.0	0.9
0°-30°	1534.0	12.0
0°-40°	2510.8	19.7
0°-60°	4348.3	34.1
0°-90°	5359.3	42.0
90°-120°	3534.5	27.7
90°-150°	6437.3	50.5
90°-180°	7397.0	58.0
0°-180°	12755.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2065	2065	2065	2065	2065	
5°	2075	2140	2075	1682	2075	197
15°	1981	2120	1981	1770	1981	557
25°	1745	1977	1745	1731	1745	801
35°	1327	1764	1327	1506	1327	821
45°	856	1454	856	1276	856	686
55°	698	1073	698	1047	698	641
65°	485	647	485	723	485	463
75°	184	307	184	367	184	193
85°	31	78	31	66	31	42
90°	8	29	8	29	8	8
95°	74	336	74	336	74	82
105°	264	2290	264	2290	264	279
115°	468	2948	468	2948	468	462
125°	651	2348	651	2348	651	578
135°	776	1822	776	1822	776	600
145°	900	1478	900	1478	900	564
155°	1017	1273	1017	1273	1017	467
165°	1097	1185	1097	1185	1097	310
175°	1141	1149	1141	1149	1141	108
180°	1141	1141	1141	1141	1141	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3
2.5°	2082.9	2082.9	2094.7	2098.5	2098.5	2092.7	2086.8	2092.7	2110.2	2116.2	2114.2
5°	2075.0	2090.7	2112.2	2116.2	2120.0	2118.0	2114.2	2118.0	2137.5	2141.5	2143.5
7.5°	2059.5	2088.7	2116.2	2122.0	2127.8	2122.0	2120.0	2123.9	2143.5	2147.4	2147.4
10°	2039.9	2081.0	2112.2	2116.2	2122.0	2116.2	2116.2	2123.9	2143.5	2147.4	2149.3
12.5°	2012.5	2069.2	2098.5	2102.4	2110.2	2108.3	2106.3	2114.2	2133.7	2137.5	2137.5
15°	1981.3	2047.7	2075.0	2079.0	2092.7	2088.7	2088.7	2096.5	2118.0	2123.9	2122.0
17.5°	1938.3	2020.3	2051.7	2057.5	2067.2	2065.3	2067.2	2075.0	2094.7	2098.5	2100.5
20°	1889.5	1983.2	2020.3	2026.2	2036.0	2036.0	2036.0	2045.8	2065.3	2073.2	2073.2
22.5°	1823.0	1944.2	1983.2	1987.2	1998.9	1998.9	2002.8	2016.5	2034.0	2036.0	2036.0
25°	1744.8	1901.2	1934.4	1946.1	1957.8	1963.7	1969.5	1977.4	1983.2	1981.3	1983.2
27.5°	1662.8	1846.5	1889.5	1897.3	1912.9	1918.8	1926.5	1928.5	1930.5	1936.3	1932.5
30°	1571.0	1770.3	1834.7	1842.5	1868.0	1871.8	1864.0	1868.0	1877.7	1881.7	1885.5
32.5°	1467.4	1657.0	1778.1	1795.7	1819.1	1807.3	1805.5	1811.3	1827.0	1827.0	1830.8
35°	1326.8	1569.0	1725.3	1741.0	1758.5	1744.8	1752.7	1754.6	1764.3	1770.3	1768.3
37.5°	1172.4	1492.8	1670.6	1682.3	1696.0	1678.5	1690.1	1696.0	1703.8	1700.0	1700.0
40°	1035.6	1373.6	1606.1	1614.0	1625.7	1612.0	1623.7	1627.6	1631.5	1627.6	1625.7
42.5°	933.9	1242.7	1537.8	1547.5	1539.7	1549.5	1553.3	1561.2	1555.3	1547.5	1547.5
45°	855.8	1207.6	1463.5	1475.3	1463.5	1479.1	1485.0	1485.0	1467.4	1463.5	1461.5
47.5°	830.4	1137.2	1389.3	1389.3	1383.4	1402.9	1412.6	1399.0	1381.4	1375.6	1375.6
50°	828.4	1059.1	1287.6	1279.8	1307.1	1330.6	1320.8	1307.1	1293.5	1272.0	1272.0
52.5°	752.2	963.3	1156.7	1186.1	1229.0	1242.7	1227.1	1213.4	1189.9	1180.1	1172.4
55°	697.6	863.6	1037.6	1096.1	1141.1	1158.6	1129.4	1115.7	1080.6	1074.6	1070.8
57.5°	685.9	719.1	928.1	1002.4	1057.1	1055.1	1037.6	1012.1	982.8	976.9	975.1
60°	629.2	519.7	810.9	898.8	955.4	949.6	933.9	910.6	883.2	879.3	875.4
62.5°	570.5	377.1	678.0	777.7	857.8	855.8	842.1	806.9	787.4	777.7	769.9
65°	484.6	316.5	482.6	646.7	762.1	765.9	736.6	711.2	689.7	678.0	676.1
67.5°	369.3	257.9	326.3	539.2	670.2	666.3	629.2	617.4	590.1	584.2	572.5
70°	273.5	172.0	226.7	437.7	580.4	570.5	541.2	527.6	502.2	488.5	480.7
72.5°	226.7	138.7	166.0	340.0	488.5	476.7	451.4	435.7	414.2	402.5	394.7
75°	183.7	146.5	127.0	252.0	396.7	388.9	365.4	349.7	332.2	316.5	318.5
77.5°	134.8	136.8	101.6	185.7	314.5	302.9	289.2	269.7	261.8	246.2	246.2
80°	101.6	107.5	76.2	127.0	226.7	226.7	214.9	201.2	187.5	179.7	179.7
82.5°	68.4	68.4	56.7	80.1	154.4	148.5	140.7	136.8	129.0	125.0	125.0
85°	31.3	39.0	35.2	48.8	84.0	88.0	88.0	84.0	82.0	78.2	80.1
87.5°	9.8	17.6	21.5	27.3	43.0	45.0	46.9	46.9	46.9	48.8	48.8
90°	7.7	13.8	19.9	21.4	33.6	50.0	58.2	51.7	38.7	29.1	29.1
92.5°	30.7	82.7	134.8	147.8	207.8	287.7	327.7	287.2	206.3	145.5	139.7
95°	73.6	168.8	264.1	287.9	511.2	809.1	958.0	854.9	648.6	493.9	476.3
97.5°	127.1	211.1	295.2	316.2	688.6	1185.3	1433.5	1368.4	1238.0	1140.2	1106.9
100°	168.5	244.7	320.9	340.0	753.2	1304.3	1579.8	1584.5	1594.1	1601.2	1561.4
102.5°	203.7	274.8	346.0	363.7	782.9	1341.7	1621.1	1704.1	1870.2	1994.8	1960.8
105°	263.5	323.7	383.8	398.9	804.8	1346.0	1616.5	1802.7	2175.0	2454.3	2435.9
107.5°	324.7	380.8	437.0	451.0	808.9	1286.0	1524.7	1784.4	2303.7	2693.2	2697.6
110°	366.0	416.7	467.4	480.1	802.7	1232.9	1448.0	1738.3	2319.0	2754.5	2773.5



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	406.6	454.9	503.3	515.4	803.0	1186.6	1378.3	1675.4	2269.7	2715.3	2744.6
115°	467.9	512.4	557.1	568.2	810.5	1133.4	1294.9	1581.1	2153.6	2582.9	2623.5
117.5°	528.4	568.9	609.3	619.5	825.5	1100.1	1237.4	1495.8	2012.4	2399.9	2444.9
120°	563.6	601.8	639.8	649.4	837.7	1088.8	1214.5	1450.5	1922.5	2276.6	2320.4
122.5°	598.1	636.6	675.0	684.6	855.4	1083.0	1196.9	1409.5	1834.6	2153.3	2196.4
125°	650.9	686.0	721.0	729.7	879.1	1078.2	1177.8	1358.3	1719.4	1990.2	2030.0
127.5°	693.7	729.1	764.5	773.4	902.9	1075.4	1161.7	1316.7	1626.8	1859.3	1892.8
130°	716.7	754.9	792.9	802.5	920.1	1077.0	1155.5	1293.5	1569.5	1776.6	1807.5
132.5°	740.5	778.6	816.7	826.3	934.2	1078.2	1150.2	1273.7	1520.8	1706.1	1733.8
135°	775.7	810.4	845.1	853.8	949.5	1077.2	1141.0	1244.4	1451.4	1606.6	1630.4
137.5°	811.7	846.1	880.5	889.1	972.5	1083.8	1139.4	1226.9	1401.8	1533.0	1552.6
140°	841.6	873.2	904.9	912.7	986.5	1084.9	1134.1	1209.6	1360.8	1474.1	1492.4
142.5°	864.5	893.8	923.1	930.4	998.3	1088.8	1134.1	1200.5	1333.2	1432.8	1448.5
145°	899.7	925.3	950.8	957.2	1013.6	1088.8	1126.4	1180.7	1289.3	1370.7	1382.7
147.5°	935.0	959.9	984.7	990.9	1036.1	1096.3	1126.4	1169.1	1254.6	1318.7	1328.5
150°	958.0	980.5	1002.9	1008.5	1047.8	1100.2	1126.4	1162.5	1234.7	1288.8	1296.8
152.5°	981.7	998.7	1015.8	1020.0	1055.5	1102.7	1126.4	1157.2	1218.8	1265.0	1271.1
155°	1017.0	1029.6	1042.1	1045.3	1072.3	1108.4	1126.4	1151.0	1200.0	1236.7	1240.8
157.5°	1043.0	1055.2	1067.4	1070.5	1089.1	1114.0	1126.4	1145.4	1183.6	1212.2	1214.9
160°	1060.5	1070.1	1079.7	1082.0	1096.8	1116.5	1126.4	1142.8	1175.4	1200.0	1201.5
162.5°	1078.2	1085.3	1092.5	1094.3	1105.0	1119.3	1126.4	1140.2	1167.7	1188.4	1190.0
165°	1097.3	1103.8	1110.3	1111.9	1116.7	1123.2	1126.4	1136.3	1156.1	1170.9	1172.5
167.5°	1115.0	1118.0	1121.1	1121.9	1125.9	1131.3	1134.1	1140.6	1153.5	1163.2	1163.9
170°	1126.4	1129.5	1132.5	1133.3	1133.6	1133.9	1134.1	1140.6	1153.5	1163.2	1163.2
172.5°	1132.5	1133.2	1133.9	1134.1	1134.1	1134.1	1134.1	1139.2	1149.4	1157.1	1156.5
175°	1141.0	1141.0	1141.0	1141.0	1138.7	1135.7	1134.1	1137.4	1143.9	1148.7	1148.7
177.5°	1141.0	1141.0	1141.0	1141.0	1139.2	1136.8	1135.6	1138.1	1143.3	1147.1	1146.4
180°	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3
2.5°	2118.0	2112.2	2118.0	2114.2	2116.2	2110.2	2092.7	2086.8	2092.7	2098.5	2098.5
5°	2143.5	2139.5	2143.5	2143.5	2141.5	2137.5	2118.0	2114.2	2118.0	2120.0	2116.2
7.5°	2151.3	2145.4	2151.3	2147.4	2147.4	2143.5	2123.9	2120.0	2122.0	2127.8	2122.0
10°	2151.3	2145.4	2151.3	2149.3	2147.4	2143.5	2123.9	2116.2	2116.2	2122.0	2116.2
12.5°	2141.5	2137.5	2141.5	2137.5	2137.5	2133.7	2114.2	2106.3	2108.3	2110.2	2102.4
15°	2125.9	2120.0	2125.9	2122.0	2123.9	2118.0	2096.5	2088.7	2088.7	2092.7	2079.0
17.5°	2102.4	2094.7	2102.4	2100.5	2098.5	2094.7	2075.0	2067.2	2065.3	2067.2	2057.5
20°	2075.0	2069.2	2075.0	2073.2	2073.2	2065.3	2045.8	2036.0	2036.0	2036.0	2026.2
22.5°	2032.0	2026.2	2032.0	2036.0	2036.0	2034.0	2016.5	2002.8	1998.9	1998.9	1987.2
25°	1983.2	1977.4	1983.2	1983.2	1981.3	1983.2	1977.4	1969.5	1963.7	1957.8	1946.1
27.5°	1936.3	1932.5	1936.3	1932.5	1936.3	1930.5	1928.5	1926.5	1918.8	1912.9	1897.3
30°	1889.5	1885.5	1889.5	1885.5	1881.7	1877.7	1868.0	1864.0	1871.8	1868.0	1842.5
32.5°	1830.8	1827.0	1830.8	1830.8	1827.0	1827.0	1811.3	1805.5	1807.3	1819.1	1795.7
35°	1770.3	1764.3	1770.3	1768.3	1770.3	1764.3	1754.6	1752.7	1744.8	1758.5	1741.0
37.5°	1700.0	1694.0	1700.0	1700.0	1700.0	1703.8	1696.0	1690.1	1678.5	1696.0	1682.3
40°	1627.6	1619.8	1627.6	1625.7	1627.6	1631.5	1627.6	1623.7	1612.0	1625.7	1614.0
42.5°	1545.6	1543.6	1545.6	1547.5	1547.5	1555.3	1561.2	1553.3	1549.5	1539.7	1547.5
45°	1457.6	1453.8	1457.6	1461.5	1463.5	1467.4	1485.0	1485.0	1479.1	1463.5	1475.3
47.5°	1363.8	1354.1	1363.8	1375.6	1375.6	1381.4	1399.0	1412.6	1402.9	1383.4	1389.3
50°	1264.2	1266.1	1264.2	1272.0	1272.0	1293.5	1307.1	1320.8	1330.6	1307.1	1279.8
52.5°	1166.5	1164.6	1166.5	1172.4	1180.1	1189.9	1213.4	1227.1	1242.7	1229.0	1186.1
55°	1068.8	1072.7	1068.8	1070.8	1074.6	1080.6	1115.7	1129.4	1158.6	1141.1	1096.1
57.5°	971.1	965.2	971.1	975.1	976.9	982.8	1012.1	1037.6	1055.1	1057.1	1002.4
60°	857.8	849.9	857.8	875.4	879.3	883.2	910.6	933.9	949.6	955.4	898.8
62.5°	758.1	744.4	758.1	769.9	777.7	787.4	806.9	842.1	855.8	857.8	777.7
65°	652.6	646.7	652.6	676.1	678.0	689.7	711.2	736.6	765.9	762.1	646.7
67.5°	556.9	556.9	556.9	572.5	584.2	590.1	617.4	629.2	666.3	670.2	539.2
70°	468.9	467.0	468.9	480.7	488.5	502.2	527.6	541.2	570.5	580.4	437.7
72.5°	384.9	383.0	384.9	394.7	402.5	414.2	435.7	451.4	476.7	488.5	340.0
75°	310.7	306.7	310.7	318.5	316.5	332.2	349.7	365.4	388.9	396.7	252.0
77.5°	238.4	238.4	238.4	246.2	246.2	261.8	269.7	289.2	302.9	314.5	185.7
80°	177.8	175.9	177.8	179.7	179.7	187.5	201.2	214.9	226.7	226.7	127.0
82.5°	125.0	121.2	125.0	125.0	125.0	129.0	136.8	140.7	148.5	154.4	80.1
85°	78.2	78.2	78.2	80.1	78.2	82.0	84.0	88.0	88.0	84.0	48.8
87.5°	50.8	48.8	50.8	48.8	48.8	46.9	46.9	46.9	45.0	43.0	27.3
90°	29.1	29.1	29.1	29.1	29.1	38.7	51.7	58.2	50.0	33.6	21.4
92.5°	116.5	93.4	116.5	139.7	145.5	206.3	287.2	327.7	287.7	207.8	147.8
95°	406.2	336.1	406.2	476.3	493.9	648.6	854.9	958.0	809.1	511.2	287.9
97.5°	973.5	840.1	973.5	1106.9	1140.2	1238.0	1368.4	1433.5	1185.3	688.6	316.2
100°	1402.6	1243.6	1402.6	1561.4	1601.2	1594.1	1584.5	1579.8	1304.3	753.2	340.0
102.5°	1824.6	1688.5	1824.6	1960.8	1994.8	1870.2	1704.1	1621.1	1341.7	782.9	363.7
105°	2362.8	2289.6	2362.8	2435.9	2454.3	2175.0	1802.7	1616.5	1346.0	804.8	398.9
107.5°	2715.2	2733.0	2715.2	2697.6	2693.2	2303.7	1784.4	1524.7	1286.0	808.9	451.0
110°	2849.7	2926.0	2849.7	2773.5	2754.5	2319.0	1738.3	1448.0	1232.9	802.7	480.1



TEST NUMBER: P935688

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2861.7	2978.8	2861.7	2744.6	2715.3	2269.7	1675.4	1378.3	1186.6	803.0	515.4
115°	2785.8	2948.1	2785.8	2623.5	2582.9	2153.6	1581.1	1294.9	1133.4	810.5	568.2
117.5°	2624.9	2805.0	2624.9	2444.9	2399.9	2012.4	1495.8	1237.4	1100.1	825.5	619.5
120°	2495.3	2670.2	2495.3	2320.4	2276.6	1922.5	1450.5	1214.5	1088.8	837.7	649.4
122.5°	2369.0	2541.5	2369.0	2196.4	2153.3	1834.6	1409.5	1196.9	1083.0	855.4	684.6
125°	2188.9	2347.9	2188.9	2030.0	1990.2	1719.4	1358.3	1177.8	1078.2	879.1	729.7
127.5°	2026.9	2161.0	2026.9	1892.8	1859.3	1626.8	1316.7	1161.7	1075.4	902.9	773.4
130°	1931.5	2055.3	1931.5	1807.5	1776.6	1569.5	1293.5	1155.5	1077.0	920.1	802.5
132.5°	1844.8	1955.7	1844.8	1733.8	1706.1	1520.8	1273.7	1150.2	1078.2	934.2	826.3
135°	1726.1	1821.7	1726.1	1630.4	1606.6	1451.4	1244.4	1141.0	1077.2	949.5	853.8
137.5°	1630.8	1709.1	1630.8	1552.6	1533.0	1401.8	1226.9	1139.4	1083.8	972.5	889.1
140°	1565.6	1638.7	1565.6	1492.4	1474.1	1360.8	1209.6	1134.1	1084.9	986.5	912.7
142.5°	1511.4	1574.4	1511.4	1448.5	1432.8	1333.2	1200.5	1134.1	1088.8	998.3	930.4
145°	1430.3	1477.9	1430.3	1382.7	1370.7	1289.3	1180.7	1126.4	1088.8	1013.6	957.2
147.5°	1368.1	1407.5	1368.1	1328.5	1318.7	1254.6	1169.1	1126.4	1096.3	1036.1	990.9
150°	1328.8	1360.8	1328.8	1296.8	1288.8	1234.7	1162.5	1126.4	1100.2	1047.8	1008.5
152.5°	1295.2	1319.4	1295.2	1271.1	1265.0	1218.8	1157.2	1126.4	1102.7	1055.5	1020.0
155°	1256.8	1272.7	1256.8	1240.8	1236.7	1200.0	1151.0	1126.4	1108.4	1072.3	1045.3
157.5°	1226.2	1237.4	1226.2	1214.9	1212.2	1183.6	1145.4	1126.4	1114.0	1089.1	1070.5
160°	1208.0	1214.5	1208.0	1201.5	1200.0	1175.4	1142.8	1126.4	1116.5	1096.8	1082.0
162.5°	1196.1	1202.2	1196.1	1190.0	1188.4	1167.7	1140.2	1126.4	1119.3	1105.0	1094.3
165°	1179.0	1185.4	1179.0	1172.5	1170.9	1156.1	1136.3	1126.4	1123.2	1116.7	1111.9
167.5°	1166.5	1169.3	1166.5	1163.9	1163.2	1153.5	1140.6	1134.1	1131.3	1125.9	1121.9
170°	1163.2	1163.2	1163.2	1163.2	1163.2	1153.5	1140.6	1134.1	1133.9	1133.6	1133.3
172.5°	1154.1	1151.7	1154.1	1156.5	1157.1	1149.4	1139.2	1134.1	1134.1	1134.1	1134.1
175°	1148.7	1148.7	1148.7	1148.7	1148.7	1143.9	1137.4	1134.1	1135.7	1138.7	1141.0
177.5°	1143.8	1141.0	1143.8	1146.4	1147.1	1143.3	1138.1	1135.6	1136.8	1139.2	1141.0
180°	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0



TEST NUMBER: P935688

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3
2.5°	2094.7	2082.9	2082.9	2063.3	2055.5	2049.7	2039.9	2010.6	2002.8	1995.0	2006.7
5°	2112.2	2090.7	2075.0	2039.9	2010.6	1998.9	1961.7	1891.4	1844.5	1809.3	1789.8
7.5°	2116.2	2088.7	2059.5	2004.7	1934.4	1903.1	1789.8	1660.8	1625.7	1594.4	1574.8
10°	2112.2	2081.0	2039.9	1957.8	1791.8	1737.0	1623.7	1539.7	1518.2	1512.3	1518.2
12.5°	2098.5	2069.2	2012.5	1875.8	1643.3	1606.1	1539.7	1490.8	1487.0	1496.7	1549.5
15°	2075.0	2047.7	1981.3	1766.3	1561.2	1533.8	1487.0	1469.3	1490.8	1559.3	1717.5
17.5°	2051.7	2020.3	1938.3	1658.8	1498.6	1479.1	1445.9	1481.1	1602.2	1694.0	1746.8
20°	2020.3	1983.2	1889.5	1580.8	1453.8	1436.1	1420.5	1578.8	1670.6	1703.8	1733.1
22.5°	1983.2	1944.2	1823.0	1526.0	1406.8	1393.1	1402.9	1633.5	1670.6	1694.0	1719.5
25°	1934.4	1901.2	1744.8	1483.0	1369.8	1354.1	1391.2	1627.6	1649.1	1655.0	1705.8
27.5°	1889.5	1846.5	1662.8	1444.0	1324.8	1318.9	1401.0	1602.2	1617.8	1623.7	1678.5
30°	1834.7	1770.3	1571.0	1402.9	1277.9	1275.9	1402.9	1571.0	1567.0	1582.7	1637.4
32.5°	1778.1	1657.0	1467.4	1352.1	1232.9	1231.0	1389.3	1524.1	1520.1	1541.6	1582.7
35°	1725.3	1569.0	1326.8	1293.5	1176.3	1178.2	1356.0	1469.3	1471.3	1490.8	1516.3
37.5°	1670.6	1492.8	1172.4	1229.0	1121.6	1121.6	1311.1	1418.6	1414.6	1420.5	1455.6
40°	1606.1	1373.6	1035.6	1145.0	1070.8	1064.9	1256.4	1363.8	1350.1	1348.3	1397.1
42.5°	1537.8	1242.7	933.9	1033.6	1012.1	1004.3	1189.9	1297.4	1272.0	1277.9	1340.4
45°	1463.5	1207.6	855.8	873.4	951.6	945.7	1117.6	1221.2	1203.6	1219.3	1283.8
47.5°	1389.3	1137.2	830.4	724.9	887.1	885.1	1037.6	1146.9	1137.2	1152.8	1221.2
50°	1287.6	1059.1	828.4	621.4	814.8	822.6	941.8	1074.6	1074.6	1088.3	1160.6
52.5°	1156.7	963.3	752.2	562.7	730.7	754.2	857.8	1012.1	1016.1	1029.7	1094.2
55°	1037.6	863.6	697.6	517.7	631.1	681.9	775.7	947.6	955.4	969.1	1027.8
57.5°	928.1	719.1	685.9	465.0	539.2	588.1	703.4	885.1	889.1	900.8	957.4
60°	810.9	519.7	629.2	408.4	459.2	496.3	637.0	810.9	824.6	832.4	881.2
62.5°	678.0	377.1	570.5	369.3	420.1	427.9	582.2	740.6	758.1	764.0	793.3
65°	482.6	316.5	484.6	336.0	379.0	381.0	523.7	668.2	683.9	693.7	715.1
67.5°	326.3	257.9	369.3	304.8	347.8	349.7	467.0	584.2	605.7	613.5	627.2
70°	226.7	172.0	273.5	271.6	312.7	316.5	406.4	508.0	527.6	533.4	541.2
72.5°	166.0	138.7	226.7	244.2	275.5	279.4	343.9	422.0	441.6	447.4	451.4
75°	127.0	146.5	183.7	213.0	234.5	236.4	281.4	343.9	357.5	361.5	363.4
77.5°	101.6	136.8	134.8	172.0	191.5	187.5	220.8	265.7	277.5	277.5	277.5
80°	76.2	107.5	101.6	123.1	140.7	136.8	158.3	189.5	193.5	197.3	195.4
82.5°	56.7	68.4	68.4	78.2	93.8	89.9	105.5	123.1	123.1	123.1	127.0
85°	35.2	39.0	31.3	41.0	52.8	50.8	58.7	66.5	68.4	68.4	64.5
87.5°	21.5	17.6	9.8	15.7	23.5	23.5	27.3	29.3	27.3	27.3	27.3
90°	19.9	13.8	7.7	13.8	19.9	21.4	33.6	50.0	58.2	51.7	38.7
92.5°	134.8	82.7	30.7	82.7	134.8	147.8	207.8	287.7	327.7	287.2	206.3
95°	264.1	168.8	73.6	168.8	264.1	287.9	511.2	809.1	958.0	854.9	648.6
97.5°	295.2	211.1	127.1	211.1	295.2	316.2	688.6	1185.3	1433.5	1368.4	1238.0
100°	320.9	244.7	168.5	244.7	320.9	340.0	753.2	1304.3	1579.8	1584.5	1594.1
102.5°	346.0	274.8	203.7	274.8	346.0	363.7	782.9	1341.7	1621.1	1704.1	1870.2
105°	383.8	323.7	263.5	323.7	383.8	398.9	804.8	1346.0	1616.5	1802.7	2175.0
107.5°	437.0	380.8	324.7	380.8	437.0	451.0	808.9	1286.0	1524.7	1784.4	2303.7
110°	467.4	416.7	366.0	416.7	467.4	480.1	802.7	1232.9	1448.0	1738.3	2319.0



TEST NUMBER: P935688

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	503.3	454.9	406.6	454.9	503.3	515.4	803.0	1186.6	1378.3	1675.4	2269.7
115°	557.1	512.4	467.9	512.4	557.1	568.2	810.5	1133.4	1294.9	1581.1	2153.6
117.5°	609.3	568.9	528.4	568.9	609.3	619.5	825.5	1100.1	1237.4	1495.8	2012.4
120°	639.8	601.8	563.6	601.8	639.8	649.4	837.7	1088.8	1214.5	1450.5	1922.5
122.5°	675.0	636.6	598.1	636.6	675.0	684.6	855.4	1083.0	1196.9	1409.5	1834.6
125°	721.0	686.0	650.9	686.0	721.0	729.7	879.1	1078.2	1177.8	1358.3	1719.4
127.5°	764.5	729.1	693.7	729.1	764.5	773.4	902.9	1075.4	1161.7	1316.7	1626.8
130°	792.9	754.9	716.7	754.9	792.9	802.5	920.1	1077.0	1155.5	1293.5	1569.5
132.5°	816.7	778.6	740.5	778.6	816.7	826.3	934.2	1078.2	1150.2	1273.7	1520.8
135°	845.1	810.4	775.7	810.4	845.1	853.8	949.5	1077.2	1141.0	1244.4	1451.4
137.5°	880.5	846.1	811.7	846.1	880.5	889.1	972.5	1083.8	1139.4	1226.9	1401.8
140°	904.9	873.2	841.6	873.2	904.9	912.7	986.5	1084.9	1134.1	1209.6	1360.8
142.5°	923.1	893.8	864.5	893.8	923.1	930.4	998.3	1088.8	1134.1	1200.5	1333.2
145°	950.8	925.3	899.7	925.3	950.8	957.2	1013.6	1088.8	1126.4	1180.7	1289.3
147.5°	984.7	959.9	935.0	959.9	984.7	990.9	1036.1	1096.3	1126.4	1169.1	1254.6
150°	1002.9	980.5	958.0	980.5	1002.9	1008.5	1047.8	1100.2	1126.4	1162.5	1234.7
152.5°	1015.8	998.7	981.7	998.7	1015.8	1020.0	1055.5	1102.7	1126.4	1157.2	1218.8
155°	1042.1	1029.6	1017.0	1029.6	1042.1	1045.3	1072.3	1108.4	1126.4	1151.0	1200.0
157.5°	1067.4	1055.2	1043.0	1055.2	1067.4	1070.5	1089.1	1114.0	1126.4	1145.4	1183.6
160°	1079.7	1070.1	1060.5	1070.1	1079.7	1082.0	1096.8	1116.5	1126.4	1142.8	1175.4
162.5°	1092.5	1085.3	1078.2	1085.3	1092.5	1094.3	1105.0	1119.3	1126.4	1140.2	1167.7
165°	1110.3	1103.8	1097.3	1103.8	1110.3	1111.9	1116.7	1123.2	1126.4	1136.3	1156.1
167.5°	1121.1	1118.0	1115.0	1118.0	1121.1	1121.9	1125.9	1131.3	1134.1	1140.6	1153.5
170°	1132.5	1129.5	1126.4	1129.5	1132.5	1133.3	1133.6	1133.9	1134.1	1140.6	1153.5
172.5°	1133.9	1133.2	1132.5	1133.2	1133.9	1134.1	1134.1	1134.1	1134.1	1139.2	1149.4
175°	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1138.7	1135.7	1134.1	1137.4	1143.9
177.5°	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1139.2	1136.8	1135.6	1138.1	1143.3
180°	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0



TEST NUMBER: P935688

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3
2.5°	1993.0	1987.2	1995.0	1973.5	1995.0	1987.2	1993.0	2006.7	1995.0	2002.8	2010.6
5°	1748.8	1739.0	1707.8	1682.3	1707.8	1739.0	1748.8	1789.8	1809.3	1844.5	1891.4
7.5°	1563.1	1555.3	1547.5	1531.8	1547.5	1555.3	1563.1	1574.8	1594.4	1625.7	1660.8
10°	1522.1	1524.1	1535.8	1533.8	1535.8	1524.1	1522.1	1518.2	1512.3	1518.2	1539.7
12.5°	1627.6	1645.2	1709.7	1705.8	1709.7	1645.2	1627.6	1549.5	1496.7	1487.0	1490.8
15°	1748.8	1754.6	1768.3	1770.3	1768.3	1754.6	1748.8	1717.5	1559.3	1490.8	1469.3
17.5°	1760.5	1762.5	1772.2	1772.2	1772.2	1762.5	1760.5	1746.8	1694.0	1602.2	1481.1
20°	1750.7	1754.6	1774.2	1778.1	1774.2	1754.6	1750.7	1733.1	1703.8	1670.6	1578.8
22.5°	1746.8	1754.6	1770.3	1768.3	1770.3	1754.6	1746.8	1719.5	1694.0	1670.6	1633.5
25°	1727.3	1727.3	1729.2	1731.2	1729.2	1727.3	1727.3	1705.8	1655.0	1649.1	1627.6
27.5°	1686.3	1690.1	1701.8	1700.0	1701.8	1690.1	1686.3	1678.5	1623.7	1617.8	1602.2
30°	1649.1	1645.2	1635.5	1627.6	1635.5	1645.2	1649.1	1637.4	1582.7	1567.0	1571.0
32.5°	1586.6	1576.8	1567.0	1561.2	1567.0	1576.8	1586.6	1582.7	1541.6	1520.1	1524.1
35°	1512.3	1514.3	1512.3	1506.5	1512.3	1514.3	1512.3	1516.3	1490.8	1471.3	1469.3
37.5°	1459.6	1463.5	1461.5	1453.8	1461.5	1463.5	1459.6	1455.6	1420.5	1414.6	1418.6
40°	1404.9	1406.8	1404.9	1399.0	1404.9	1406.8	1404.9	1397.1	1348.3	1350.1	1363.8
42.5°	1352.1	1350.1	1344.3	1340.4	1344.3	1350.1	1352.1	1340.4	1277.9	1272.0	1297.4
45°	1291.6	1293.5	1281.8	1275.9	1281.8	1293.5	1291.6	1283.8	1219.3	1203.6	1221.2
47.5°	1231.0	1231.0	1221.2	1215.3	1221.2	1231.0	1231.0	1221.2	1152.8	1137.2	1146.9
50°	1166.5	1164.6	1150.9	1148.9	1150.9	1164.6	1166.5	1160.6	1088.3	1074.6	1074.6
52.5°	1092.3	1092.3	1094.2	1098.1	1094.2	1092.3	1092.3	1094.2	1029.7	1016.1	1012.1
55°	1027.8	1029.7	1043.4	1047.3	1043.4	1029.7	1027.8	1027.8	969.1	955.4	947.6
57.5°	961.4	961.4	971.1	971.1	971.1	961.4	961.4	957.4	900.8	889.1	885.1
60°	885.1	889.1	896.9	894.9	896.9	889.1	885.1	881.2	832.4	824.6	810.9
62.5°	805.0	808.9	810.9	806.9	810.9	808.9	805.0	793.3	764.0	758.1	740.6
65°	721.0	724.9	726.9	722.9	726.9	724.9	721.0	715.1	693.7	683.9	668.2
67.5°	635.0	633.1	631.1	638.9	631.1	633.1	635.0	627.2	613.5	605.7	584.2
70°	547.1	547.1	545.2	549.0	545.2	547.1	547.1	541.2	533.4	527.6	508.0
72.5°	453.3	451.4	459.2	453.3	459.2	451.4	453.3	451.4	447.4	441.6	422.0
75°	361.5	365.4	361.5	367.4	361.5	365.4	361.5	363.4	361.5	357.5	343.9
77.5°	275.5	279.4	275.5	275.5	275.5	279.4	275.5	277.5	277.5	277.5	265.7
80°	195.4	193.5	193.5	191.5	193.5	193.5	195.4	195.4	197.3	193.5	189.5
82.5°	125.0	123.1	123.1	127.0	123.1	123.1	125.0	127.0	123.1	123.1	123.1
85°	68.4	70.3	66.5	66.5	66.5	70.3	68.4	64.5	68.4	68.4	66.5
87.5°	25.4	23.5	23.5	23.5	23.5	23.5	25.4	27.3	27.3	27.3	29.3
90°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	38.7	51.7	58.2	50.0
92.5°	145.5	139.7	116.5	93.4	116.5	139.7	145.5	206.3	287.2	327.7	287.7
95°	493.9	476.3	406.2	336.1	406.2	476.3	493.9	648.6	854.9	958.0	809.1
97.5°	1140.2	1106.9	973.5	840.1	973.5	1106.9	1140.2	1238.0	1368.4	1433.5	1185.3
100°	1601.2	1561.4	1402.6	1243.6	1402.6	1561.4	1601.2	1594.1	1584.5	1579.8	1304.3
102.5°	1994.8	1960.8	1824.6	1688.5	1824.6	1960.8	1994.8	1870.2	1704.1	1621.1	1341.7
105°	2454.3	2435.9	2362.8	2289.6	2362.8	2435.9	2454.3	2175.0	1802.7	1616.5	1346.0
107.5°	2693.2	2697.6	2715.2	2733.0	2715.2	2697.6	2693.2	2303.7	1784.4	1524.7	1286.0
110°	2754.5	2773.5	2849.7	2926.0	2849.7	2773.5	2754.5	2319.0	1738.3	1448.0	1232.9



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2715.3	2744.6	2861.7	2978.8	2861.7	2744.6	2715.3	2269.7	1675.4	1378.3	1186.6
115°	2582.9	2623.5	2785.8	2948.1	2785.8	2623.5	2582.9	2153.6	1581.1	1294.9	1133.4
117.5°	2399.9	2444.9	2624.9	2805.0	2624.9	2444.9	2399.9	2012.4	1495.8	1237.4	1100.1
120°	2276.6	2320.4	2495.3	2670.2	2495.3	2320.4	2276.6	1922.5	1450.5	1214.5	1088.8
122.5°	2153.3	2196.4	2369.0	2541.5	2369.0	2196.4	2153.3	1834.6	1409.5	1196.9	1083.0
125°	1990.2	2030.0	2188.9	2347.9	2188.9	2030.0	1990.2	1719.4	1358.3	1177.8	1078.2
127.5°	1859.3	1892.8	2026.9	2161.0	2026.9	1892.8	1859.3	1626.8	1316.7	1161.7	1075.4
130°	1776.6	1807.5	1931.5	2055.3	1931.5	1807.5	1776.6	1569.5	1293.5	1155.5	1077.0
132.5°	1706.1	1733.8	1844.8	1955.7	1844.8	1733.8	1706.1	1520.8	1273.7	1150.2	1078.2
135°	1606.6	1630.4	1726.1	1821.7	1726.1	1630.4	1606.6	1451.4	1244.4	1141.0	1077.2
137.5°	1533.0	1552.6	1630.8	1709.1	1630.8	1552.6	1533.0	1401.8	1226.9	1139.4	1083.8
140°	1474.1	1492.4	1565.6	1638.7	1565.6	1492.4	1474.1	1360.8	1209.6	1134.1	1084.9
142.5°	1432.8	1448.5	1511.4	1574.4	1511.4	1448.5	1432.8	1333.2	1200.5	1134.1	1088.8
145°	1370.7	1382.7	1430.3	1477.9	1430.3	1382.7	1370.7	1289.3	1180.7	1126.4	1088.8
147.5°	1318.7	1328.5	1368.1	1407.5	1368.1	1328.5	1318.7	1254.6	1169.1	1126.4	1096.3
150°	1288.8	1296.8	1328.8	1360.8	1328.8	1296.8	1288.8	1234.7	1162.5	1126.4	1100.2
152.5°	1265.0	1271.1	1295.2	1319.4	1295.2	1271.1	1265.0	1218.8	1157.2	1126.4	1102.7
155°	1236.7	1240.8	1256.8	1272.7	1256.8	1240.8	1236.7	1200.0	1151.0	1126.4	1108.4
157.5°	1212.2	1214.9	1226.2	1237.4	1226.2	1214.9	1212.2	1183.6	1145.4	1126.4	1114.0
160°	1200.0	1201.5	1208.0	1214.5	1208.0	1201.5	1200.0	1175.4	1142.8	1126.4	1116.5
162.5°	1188.4	1190.0	1196.1	1202.2	1196.1	1190.0	1188.4	1167.7	1140.2	1126.4	1119.3
165°	1170.9	1172.5	1179.0	1185.4	1179.0	1172.5	1170.9	1156.1	1136.3	1126.4	1123.2
167.5°	1163.2	1163.9	1166.5	1169.3	1166.5	1163.9	1163.2	1153.5	1140.6	1134.1	1131.3
170°	1163.2	1163.2	1163.2	1163.2	1163.2	1163.2	1163.2	1153.5	1140.6	1134.1	1133.9
172.5°	1157.1	1156.5	1154.1	1151.7	1154.1	1156.5	1157.1	1149.4	1139.2	1134.1	1134.1
175°	1148.7	1148.7	1148.7	1148.7	1148.7	1148.7	1148.7	1143.9	1137.4	1134.1	1135.7
177.5°	1147.1	1146.4	1143.8	1141.0	1143.8	1146.4	1147.1	1143.3	1138.1	1135.6	1136.8
180°	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2065.3	2065.3	2065.3	2065.3	2065.3
2.5°	2039.9	2049.7	2055.5	2063.3	2082.9
5°	1961.7	1998.9	2010.6	2039.9	2075.0
7.5°	1789.8	1903.1	1934.4	2004.7	2059.5
10°	1623.7	1737.0	1791.8	1957.8	2039.9
12.5°	1539.7	1606.1	1643.3	1875.8	2012.5
15°	1487.0	1533.8	1561.2	1766.3	1981.3
17.5°	1445.9	1479.1	1498.6	1658.8	1938.3
20°	1420.5	1436.1	1453.8	1580.8	1889.5
22.5°	1402.9	1393.1	1406.8	1526.0	1823.0
25°	1391.2	1354.1	1369.8	1483.0	1744.8
27.5°	1401.0	1318.9	1324.8	1444.0	1662.8
30°	1402.9	1275.9	1277.9	1402.9	1571.0
32.5°	1389.3	1231.0	1232.9	1352.1	1467.4
35°	1356.0	1178.2	1176.3	1293.5	1326.8
37.5°	1311.1	1121.6	1121.6	1229.0	1172.4
40°	1256.4	1064.9	1070.8	1145.0	1035.6
42.5°	1189.9	1004.3	1012.1	1033.6	933.9
45°	1117.6	945.7	951.6	873.4	855.8
47.5°	1037.6	885.1	887.1	724.9	830.4
50°	941.8	822.6	814.8	621.4	828.4
52.5°	857.8	754.2	730.7	562.7	752.2
55°	775.7	681.9	631.1	517.7	697.6
57.5°	703.4	588.1	539.2	465.0	685.9
60°	637.0	496.3	459.2	408.4	629.2
62.5°	582.2	427.9	420.1	369.3	570.5
65°	523.7	381.0	379.0	336.0	484.6
67.5°	467.0	349.7	347.8	304.8	369.3
70°	406.4	316.5	312.7	271.6	273.5
72.5°	343.9	279.4	275.5	244.2	226.7
75°	281.4	236.4	234.5	213.0	183.7
77.5°	220.8	187.5	191.5	172.0	134.8
80°	158.3	136.8	140.7	123.1	101.6
82.5°	105.5	89.9	93.8	78.2	68.4
85°	58.7	50.8	52.8	41.0	31.3
87.5°	27.3	23.5	23.5	15.7	9.8
90°	33.6	21.4	19.9	13.8	7.7
92.5°	207.8	147.8	134.8	82.7	30.7
95°	511.2	287.9	264.1	168.8	73.6
97.5°	688.6	316.2	295.2	211.1	127.1
100°	753.2	340.0	320.9	244.7	168.5
102.5°	782.9	363.7	346.0	274.8	203.7
105°	804.8	398.9	383.8	323.7	263.5
107.5°	808.9	451.0	437.0	380.8	324.7
110°	802.7	480.1	467.4	416.7	366.0



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CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	803.0	515.4	503.3	454.9	406.6
115°	810.5	568.2	557.1	512.4	467.9
117.5°	825.5	619.5	609.3	568.9	528.4
120°	837.7	649.4	639.8	601.8	563.6
122.5°	855.4	684.6	675.0	636.6	598.1
125°	879.1	729.7	721.0	686.0	650.9
127.5°	902.9	773.4	764.5	729.1	693.7
130°	920.1	802.5	792.9	754.9	716.7
132.5°	934.2	826.3	816.7	778.6	740.5
135°	949.5	853.8	845.1	810.4	775.7
137.5°	972.5	889.1	880.5	846.1	811.7
140°	986.5	912.7	904.9	873.2	841.6
142.5°	998.3	930.4	923.1	893.8	864.5
145°	1013.6	957.2	950.8	925.3	899.7
147.5°	1036.1	990.9	984.7	959.9	935.0
150°	1047.8	1008.5	1002.9	980.5	958.0
152.5°	1055.5	1020.0	1015.8	998.7	981.7
155°	1072.3	1045.3	1042.1	1029.6	1017.0
157.5°	1089.1	1070.5	1067.4	1055.2	1043.0
160°	1096.8	1082.0	1079.7	1070.1	1060.5
162.5°	1105.0	1094.3	1092.5	1085.3	1078.2
165°	1116.7	1111.9	1110.3	1103.8	1097.3
167.5°	1125.9	1121.9	1121.1	1118.0	1115.0
170°	1133.6	1133.3	1132.5	1129.5	1126.4
172.5°	1134.1	1134.1	1133.9	1133.2	1132.5
175°	1138.7	1141.0	1141.0	1141.0	1141.0
177.5°	1139.2	1141.0	1141.0	1141.0	1141.0
180°	1141.0	1141.0	1141.0	1141.0	1141.0



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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	12.87	13.66	13.89	14.69	16.07	15.69	16.49	16.72	17.52	18.90
	3H	13.34	14.05	14.37	15.09	16.49	17.03	17.74	18.06	18.78	20.18
	4H	13.53	14.20	14.57	15.24	16.65	17.47	18.14	18.52	19.19	20.59
	6H	13.64	14.26	14.70	15.31	16.73	17.75	18.37	18.81	19.42	20.84
	8H	13.64	14.23	14.70	15.30	16.71	17.82	18.41	18.88	19.48	20.89
	12H	13.61	14.17	14.68	15.23	16.67	17.86	18.42	18.92	19.48	20.91
4H	2H	13.89	14.56	14.94	15.61	17.01	16.09	16.77	17.15	17.81	19.22
	3H	14.91	15.47	15.97	16.54	17.96	17.59	18.15	18.65	19.22	20.64
	4H	15.18	15.70	16.25	16.76	18.20	18.12	18.63	19.18	19.69	21.13
	6H	15.31	15.75	16.38	16.83	18.27	18.48	18.92	19.55	20.00	21.44
	8H	15.31	15.72	16.39	16.80	18.25	18.58	18.99	19.66	20.07	21.52
	12H	15.27	15.65	16.37	16.74	18.20	18.63	19.01	19.73	20.10	21.55
8H	4H	15.63	16.04	16.71	17.12	18.57	18.23	18.65	19.31	19.72	21.18
	6H	15.89	16.23	16.99	17.35	18.80	18.67	19.01	19.77	20.13	21.58
	8H	15.93	16.23	17.04	17.33	18.80	18.82	19.12	19.92	20.22	21.69
	12H	15.91	16.18	17.02	17.27	18.78	18.91	19.17	20.02	20.27	21.78
12H	4H	15.63	16.01	16.73	17.10	18.56	18.20	18.57	19.29	19.66	21.12
	6H	15.95	16.25	17.06	17.35	18.82	18.66	18.96	19.77	20.06	21.53
	8H	16.01	16.28	17.12	17.37	18.88	18.82	19.08	19.93	20.18	21.69