

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: P935544

Luminaire Tested: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-3000K

Issue Date: 12/17/2024

**Test Information**

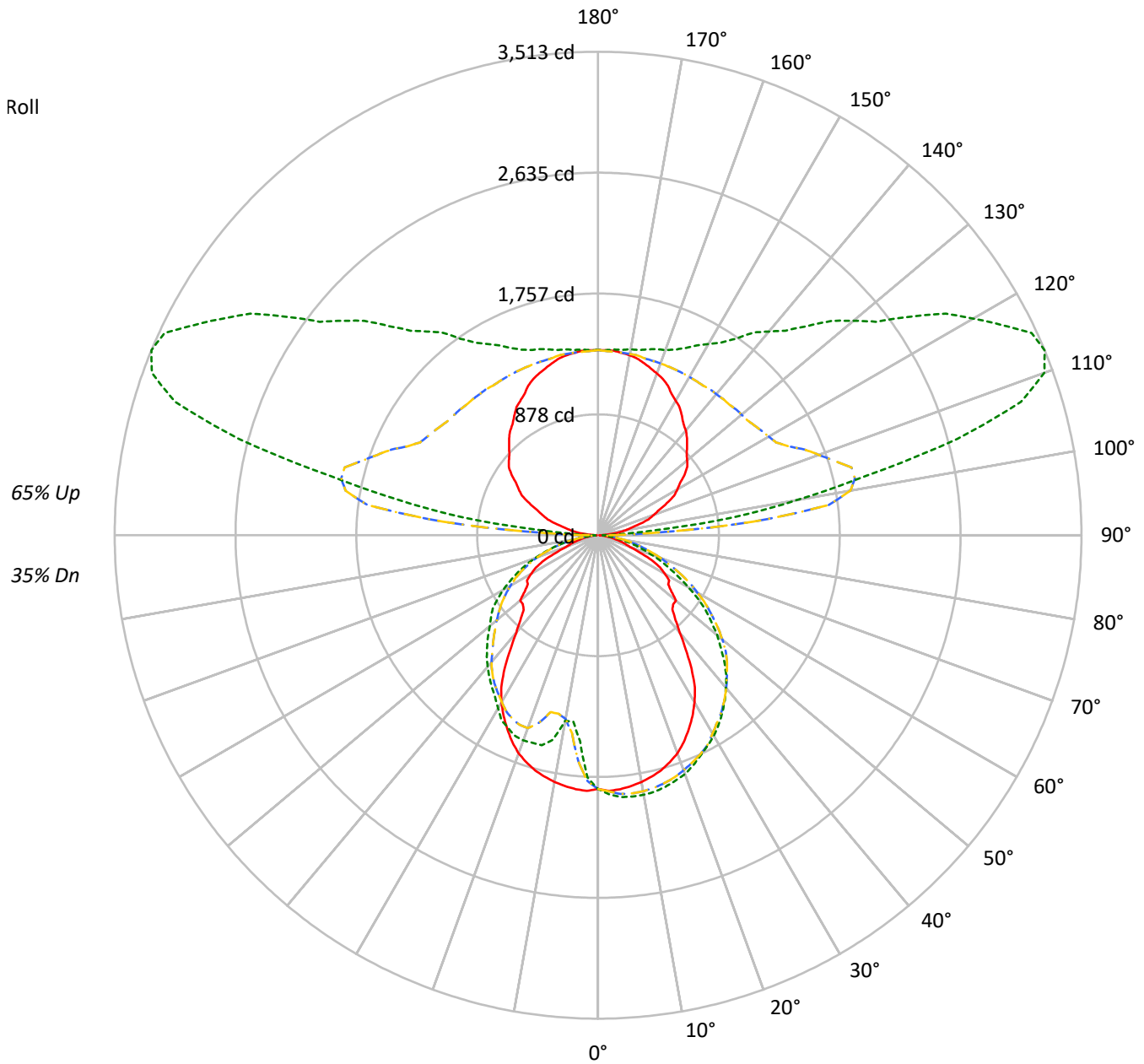
Test Method: LM-79-2019  
Report Number: P935544  
REPORT IS A COMBINATION OF REPORTS P933760 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-3000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13507.0 lumens  
Efficiency: N/A  
Efficacy: 121.5 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: Semi-Indirect  
  
Input Watts (W): 111.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P935544  
CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-3000K

### Luminous Intensity Polar Plot



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



TEST NUMBER: P935544

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-3000K

**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	0
RCR																		
0	104	104	104	104	94	94	94	94	75	75	75	58	58	58	43	43	43	35
1	95	90	87	83	85	82	79	76	66	64	62	51	50	49	38	37	36	30
2	86	79	73	68	78	72	66	62	58	54	51	45	43	41	33	32	30	25
3	78	69	62	56	71	63	57	52	51	47	43	40	37	34	29	28	26	21
4	72	61	54	48	65	56	49	44	45	40	36	35	32	29	26	24	22	18
5	66	54	46	41	59	50	43	38	40	35	31	32	28	25	24	21	19	16
6	60	49	41	35	54	44	37	32	36	31	27	29	25	22	21	19	17	14
7	56	44	36	31	50	40	33	28	33	28	24	26	22	19	20	17	15	12
8	52	40	32	27	47	36	30	25	30	25	21	24	20	17	18	15	13	11
9	48	36	29	24	43	33	27	22	27	22	19	22	18	15	16	14	12	10
10	45	33	26	21	41	30	24	20	25	20	17	20	16	14	15	13	11	9

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	8553	8553	8553	8553
5°	8616	8634	8616	6789
10°	8559	8504	8559	6080
15°	8466	8320	8466	6947
20°	8289	8102	8289	6962
25°	7927	7783	7927	6815
30°	7458	7519	7458	6490
35°	6648	7185	6648	6135
40°	5541	6791	5541	5866
45°	4950	6331	4950	5556
50°	5259	5781	5259	5246
55°	4948	5190	4948	5066
60°	5101	4408	5101	4641
65°	4624	3643	4624	4073
70°	3203	2903	3203	3414
75°	2807	2146	2807	2570
80°	2263	1419	2263	1545
85°	1300	752	1300	639

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 7587 cd/sqm



TEST NUMBER: P935544

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-3000K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	166.4	1.2
10°-20°	472.4	3.5
20°-30°	730.3	5.4
30°-40°	871.8	6.5
40°-50°	877.0	6.5
50°-60°	763.1	5.6
60°-70°	541.0	4.0
70°-80°	286.2	2.1
80°-90°	76.4	0.6
90°-100°	655.9	4.9
100°-110°	1724.3	12.8
110°-120°	1787.9	13.2
120°-130°	1434.1	10.6
130°-140°	1125.3	8.3
140°-150°	863.7	6.4
150°-160°	622.0	4.6
160°-170°	380.6	2.8
170°-180°	128.6	1.0
0°-30°	1369.2	10.1
0°-40°	2241.0	16.6
0°-60°	3881.0	28.7
0°-90°	4784.8	35.4
90°-120°	4168.0	30.9
90°-150°	7591.1	56.2
90°-180°	8722.0	64.6
0°-180°	13507.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1843	1843	1843	1843	1843	
5°	1852	1910	1852	1502	1852	176
15°	1768	1892	1768	1580	1768	498
25°	1557	1765	1557	1545	1557	715
35°	1184	1575	1184	1345	1184	733
45°	764	1298	764	1139	764	612
55°	623	958	623	935	623	572
65°	432	577	432	645	432	413
75°	164	274	164	328	164	172
85°	28	70	28	59	28	38
90°	9	34	9	34	9	9
95°	87	396	87	396	87	96
105°	311	2700	311	2700	311	329
115°	552	3476	552	3476	552	545
125°	768	2769	768	2769	768	681
135°	915	2148	915	2148	915	708
145°	1061	1743	1061	1743	1061	665
155°	1199	1501	1199	1501	1199	551
165°	1294	1398	1294	1398	1294	365
175°	1346	1354	1346	1354	1346	128
180°	1346	1346	1346	1346	1346	



TEST NUMBER: P935544

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4
2.5°	1859.1	1859.1	1869.6	1873.0	1873.0	1867.8	1862.6	1867.8	1883.5	1888.7	1887.0
5°	1852.1	1866.1	1885.3	1888.7	1892.2	1890.5	1887.0	1890.5	1907.9	1911.4	1913.2
7.5°	1838.2	1864.3	1888.7	1894.0	1899.2	1894.0	1892.2	1895.7	1913.2	1916.6	1916.6
10°	1820.7	1857.3	1885.3	1888.7	1894.0	1888.7	1888.7	1895.7	1913.2	1916.6	1918.4
12.5°	1796.3	1846.9	1873.0	1876.5	1883.5	1881.8	1880.0	1887.0	1904.4	1907.9	1907.9
15°	1768.4	1827.7	1852.1	1855.6	1867.8	1864.3	1864.3	1871.3	1890.5	1895.7	1894.0
17.5°	1730.0	1803.3	1831.2	1836.4	1845.1	1843.4	1845.1	1852.1	1869.6	1873.0	1874.8
20°	1686.4	1770.1	1803.3	1808.5	1817.2	1817.2	1817.2	1826.0	1843.4	1850.4	1850.4
22.5°	1627.1	1735.3	1770.1	1773.6	1784.1	1784.1	1787.6	1799.8	1815.5	1817.2	1817.2
25°	1557.4	1696.9	1726.5	1737.0	1747.5	1752.7	1757.9	1764.9	1770.1	1768.4	1770.1
27.5°	1484.1	1648.1	1686.4	1693.4	1707.4	1712.6	1719.6	1721.3	1723.1	1728.3	1724.8
30°	1402.1	1580.0	1637.6	1644.6	1667.2	1670.7	1663.8	1667.2	1676.0	1679.5	1682.9
32.5°	1309.7	1478.9	1587.0	1602.7	1623.6	1613.2	1611.4	1616.7	1630.6	1630.6	1634.1
35°	1184.1	1400.4	1539.9	1553.9	1569.6	1557.4	1564.3	1566.1	1574.8	1580.0	1578.3
37.5°	1046.4	1332.4	1491.1	1501.6	1513.8	1498.1	1508.5	1513.8	1520.7	1517.3	1517.3
40°	924.4	1226.0	1433.5	1440.5	1451.0	1438.8	1449.2	1452.7	1456.2	1452.7	1451.0
42.5°	833.7	1109.1	1372.5	1381.2	1374.2	1383.0	1386.4	1393.4	1388.2	1381.2	1381.2
45°	763.9	1077.7	1306.2	1316.7	1306.2	1320.2	1325.4	1325.4	1309.7	1306.2	1304.5
47.5°	741.2	1015.0	1239.9	1239.9	1234.7	1252.2	1260.9	1248.7	1233.0	1227.7	1227.7
50°	739.5	945.3	1149.3	1142.3	1166.7	1187.6	1178.9	1166.7	1154.5	1135.3	1135.3
52.5°	671.5	859.8	1032.5	1058.6	1096.9	1109.1	1095.2	1083.0	1062.1	1053.3	1046.4
55°	622.6	770.9	926.1	978.4	1018.5	1034.2	1008.1	995.9	964.5	959.2	955.7
57.5°	612.2	641.8	828.4	894.7	943.5	941.8	926.1	903.4	877.3	872.0	870.3
60°	561.6	463.9	723.8	802.3	852.8	847.6	833.7	812.7	788.3	784.8	781.3
62.5°	509.3	336.6	605.2	694.1	765.6	763.9	751.7	720.3	702.9	694.1	687.2
65°	432.5	282.5	430.8	577.3	680.2	683.7	657.5	634.8	615.7	605.2	603.4
67.5°	329.6	230.2	291.3	481.4	598.2	594.7	561.6	551.1	526.7	521.5	511.0
70°	244.2	153.5	202.3	390.7	518.0	509.3	483.1	470.9	448.2	436.0	429.0
72.5°	202.3	123.8	148.2	303.5	436.0	425.6	402.9	388.9	369.7	359.3	352.3
75°	163.9	130.8	113.4	225.0	354.0	347.1	326.1	312.2	296.5	282.5	284.3
77.5°	120.3	122.1	90.7	165.7	280.8	270.3	258.1	240.7	233.7	219.8	219.8
80°	90.7	95.9	68.0	113.4	202.3	202.3	191.8	179.6	167.4	160.5	160.5
82.5°	61.0	61.0	50.6	71.5	137.8	132.5	125.6	122.1	115.1	111.6	111.6
85°	27.9	34.9	31.4	43.6	75.0	78.5	78.5	75.0	73.3	69.8	71.5
87.5°	8.7	15.7	19.2	24.4	38.4	40.1	41.9	41.9	41.9	43.6	43.6
90°	9.1	16.3	23.5	25.3	39.8	59.0	68.6	61.0	45.7	34.3	34.3
92.5°	36.1	97.5	159.0	174.3	245.0	339.3	386.5	338.7	243.2	171.5	164.7
95°	86.7	199.1	311.5	339.6	602.9	954.1	1129.6	1008.1	764.9	582.4	561.8
97.5°	149.9	249.1	348.2	373.0	812.1	1397.7	1690.4	1613.6	1459.9	1344.6	1305.3
100°	198.6	288.6	378.5	401.0	888.3	1538.0	1862.9	1868.5	1879.8	1888.2	1841.4
102.5°	240.2	324.0	407.9	429.0	923.2	1582.2	1911.7	2009.6	2205.5	2352.3	2312.2
105°	310.6	381.7	452.7	470.5	949.0	1587.2	1906.3	2125.8	2564.8	2894.1	2872.6
107.5°	382.9	449.1	515.3	531.9	953.8	1516.6	1797.9	2104.1	2716.6	3175.9	3181.1
110°	431.7	491.5	551.3	566.2	946.7	1453.9	1707.6	2050.0	2734.6	3248.1	3270.6



TEST NUMBER: P935544

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	479.5	536.5	593.5	607.7	946.9	1399.3	1625.4	1975.8	2676.4	3202.0	3236.6
115°	551.7	604.3	656.8	670.0	955.7	1336.6	1527.0	1864.5	2539.5	3045.8	3093.7
117.5°	623.1	670.9	718.6	730.5	973.5	1297.3	1459.3	1763.9	2373.1	2830.0	2883.1
120°	664.6	709.6	754.5	765.7	987.8	1284.1	1432.1	1710.5	2267.1	2684.6	2736.2
122.5°	705.2	750.6	795.9	807.2	1008.6	1277.1	1411.4	1662.0	2163.3	2539.3	2590.1
125°	767.6	808.9	850.2	860.5	1036.6	1271.4	1388.8	1601.8	2027.6	2346.9	2393.7
127.5°	818.1	859.9	901.6	912.1	1064.7	1268.1	1369.9	1552.7	1918.3	2192.5	2232.0
130°	845.2	890.2	935.1	946.3	1085.1	1270.1	1362.6	1525.4	1850.9	2095.0	2131.5
132.5°	873.2	918.2	963.1	974.3	1101.6	1271.4	1356.3	1502.0	1793.3	2011.9	2044.6
135°	914.8	955.7	996.6	1006.9	1119.7	1270.2	1345.5	1467.5	1711.5	1894.5	1922.7
137.5°	957.1	997.7	1038.2	1048.4	1146.8	1278.1	1343.6	1446.8	1653.1	1807.8	1830.9
140°	992.4	1029.7	1067.0	1076.4	1163.4	1279.4	1337.4	1426.5	1604.6	1738.3	1759.9
142.5°	1019.5	1054.0	1088.5	1097.1	1177.2	1284.0	1337.4	1415.6	1572.1	1689.5	1708.1
145°	1061.0	1091.1	1121.3	1128.8	1195.3	1284.0	1328.3	1392.3	1520.4	1616.4	1630.4
147.5°	1102.6	1131.9	1161.2	1168.5	1221.8	1292.8	1328.3	1378.7	1479.4	1555.0	1566.6
150°	1129.6	1156.1	1182.7	1189.3	1235.6	1297.4	1328.3	1370.8	1455.9	1519.8	1529.2
152.5°	1157.6	1177.7	1197.7	1202.8	1244.7	1300.4	1328.3	1364.6	1437.3	1491.8	1498.9
155°	1199.2	1214.0	1228.9	1232.6	1264.5	1307.0	1328.3	1357.2	1415.0	1458.4	1463.1
157.5°	1229.9	1244.3	1258.8	1262.4	1284.3	1313.6	1328.3	1350.8	1395.7	1429.4	1432.8
160°	1250.7	1261.9	1273.2	1276.0	1293.4	1316.7	1328.3	1347.6	1386.1	1415.0	1416.9
162.5°	1271.4	1279.8	1288.3	1290.3	1303.0	1319.8	1328.3	1344.5	1377.0	1401.4	1403.3
165°	1294.0	1301.7	1309.3	1311.2	1316.9	1324.4	1328.3	1340.0	1363.3	1380.7	1382.6
167.5°	1314.8	1318.3	1322.0	1322.9	1327.7	1334.1	1337.4	1344.9	1360.2	1371.6	1372.4
170°	1328.3	1331.9	1335.6	1336.5	1336.7	1337.2	1337.4	1344.9	1360.2	1371.6	1371.6
172.5°	1335.5	1336.3	1337.2	1337.4	1337.4	1337.4	1337.4	1343.4	1355.4	1364.5	1363.8
175°	1345.5	1345.5	1345.5	1345.5	1342.8	1339.2	1337.4	1341.2	1348.8	1354.5	1354.5
177.5°	1345.5	1345.5	1345.5	1345.5	1343.4	1340.6	1339.2	1342.1	1348.2	1352.7	1351.9
180°	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5



TEST NUMBER: P935544

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4
2.5°	1890.5	1885.3	1890.5	1887.0	1888.7	1883.5	1867.8	1862.6	1867.8	1873.0	1873.0
5°	1913.2	1909.7	1913.2	1913.2	1911.4	1907.9	1890.5	1887.0	1890.5	1892.2	1888.7
7.5°	1920.1	1914.9	1920.1	1916.6	1916.6	1913.2	1895.7	1892.2	1894.0	1899.2	1894.0
10°	1920.1	1914.9	1920.1	1918.4	1916.6	1913.2	1895.7	1888.7	1888.7	1894.0	1888.7
12.5°	1911.4	1907.9	1911.4	1907.9	1907.9	1904.4	1887.0	1880.0	1881.8	1883.5	1876.5
15°	1897.5	1892.2	1897.5	1894.0	1895.7	1890.5	1871.3	1864.3	1864.3	1867.8	1855.6
17.5°	1876.5	1869.6	1876.5	1874.8	1873.0	1869.6	1852.1	1845.1	1843.4	1845.1	1836.4
20°	1852.1	1846.9	1852.1	1850.4	1850.4	1843.4	1826.0	1817.2	1817.2	1817.2	1808.5
22.5°	1813.7	1808.5	1813.7	1817.2	1817.2	1815.5	1799.8	1787.6	1784.1	1784.1	1773.6
25°	1770.1	1764.9	1770.1	1770.1	1768.4	1770.1	1764.9	1757.9	1752.7	1747.5	1737.0
27.5°	1728.3	1724.8	1728.3	1724.8	1728.3	1723.1	1721.3	1719.6	1712.6	1707.4	1693.4
30°	1686.4	1682.9	1686.4	1682.9	1679.5	1676.0	1667.2	1663.8	1670.7	1667.2	1644.6
32.5°	1634.1	1630.6	1634.1	1634.1	1630.6	1630.6	1616.7	1611.4	1613.2	1623.6	1602.7
35°	1580.0	1574.8	1580.0	1578.3	1580.0	1574.8	1566.1	1564.3	1557.4	1569.6	1553.9
37.5°	1517.3	1512.0	1517.3	1517.3	1517.3	1520.7	1513.8	1508.5	1498.1	1513.8	1501.6
40°	1452.7	1445.7	1452.7	1451.0	1452.7	1456.2	1452.7	1449.2	1438.8	1451.0	1440.5
42.5°	1379.5	1377.7	1379.5	1381.2	1381.2	1388.2	1393.4	1386.4	1383.0	1374.2	1381.2
45°	1301.0	1297.5	1301.0	1304.5	1306.2	1309.7	1325.4	1325.4	1320.2	1306.2	1316.7
47.5°	1217.3	1208.6	1217.3	1227.7	1227.7	1233.0	1248.7	1260.9	1252.2	1234.7	1239.9
50°	1128.3	1130.1	1128.3	1135.3	1135.3	1154.5	1166.7	1178.9	1187.6	1166.7	1142.3
52.5°	1041.1	1039.5	1041.1	1046.4	1053.3	1062.1	1083.0	1095.2	1109.1	1096.9	1058.6
55°	954.0	957.5	954.0	955.7	959.2	964.5	995.9	1008.1	1034.2	1018.5	978.4
57.5°	866.8	861.6	866.8	870.3	872.0	877.3	903.4	926.1	941.8	943.5	894.7
60°	765.6	758.7	765.6	781.3	784.8	788.3	812.7	833.7	847.6	852.8	802.3
62.5°	676.7	664.5	676.7	687.2	694.1	702.9	720.3	751.7	763.9	765.6	694.1
65°	582.5	577.3	582.5	603.4	605.2	615.7	634.8	657.5	683.7	680.2	577.3
67.5°	497.1	497.1	497.1	511.0	521.5	526.7	551.1	561.6	594.7	598.2	481.4
70°	418.6	416.8	418.6	429.0	436.0	448.2	470.9	483.1	509.3	518.0	390.7
72.5°	343.6	341.8	343.6	352.3	359.3	369.7	388.9	402.9	425.6	436.0	303.5
75°	277.3	273.8	277.3	284.3	282.5	296.5	312.2	326.1	347.1	354.0	225.0
77.5°	212.8	212.8	212.8	219.8	219.8	233.7	240.7	258.1	270.3	280.8	165.7
80°	158.7	157.0	158.7	160.5	160.5	167.4	179.6	191.8	202.3	202.3	113.4
82.5°	111.6	108.1	111.6	111.6	111.6	115.1	122.1	125.6	132.5	137.8	71.5
85°	69.8	69.8	69.8	71.5	69.8	73.3	75.0	78.5	78.5	75.0	43.6
87.5°	45.3	43.6	45.3	43.6	43.6	41.9	41.9	41.9	40.1	38.4	24.4
90°	34.3	34.3	34.3	34.3	34.3	45.7	61.0	68.6	59.0	39.8	25.3
92.5°	137.4	110.1	137.4	164.7	171.5	243.2	338.7	386.5	339.3	245.0	174.3
95°	479.1	396.4	479.1	561.8	582.4	764.9	1008.1	1129.6	954.1	602.9	339.6
97.5°	1147.9	990.6	1147.9	1305.3	1344.6	1459.9	1613.6	1690.4	1397.7	812.1	373.0
100°	1653.9	1466.5	1653.9	1841.4	1888.2	1879.8	1868.5	1862.9	1538.0	888.3	401.0
102.5°	2151.7	1991.1	2151.7	2312.2	2352.3	2205.5	2009.6	1911.7	1582.2	923.2	429.0
105°	2786.2	2700.0	2786.2	2872.6	2894.1	2564.8	2125.8	1906.3	1587.2	949.0	470.5
107.5°	3201.9	3222.8	3201.9	3181.1	3175.9	2716.6	2104.1	1797.9	1516.6	953.8	531.9
110°	3360.5	3450.4	3360.5	3270.6	3248.1	2734.6	2050.0	1707.6	1453.9	946.7	566.2





TEST NUMBER: P935544

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3374.6	3512.6	3374.6	3236.6	3202.0	2676.4	1975.8	1625.4	1399.3	946.9	607.7
115°	3285.1	3476.5	3285.1	3093.7	3045.8	2539.5	1864.5	1527.0	1336.6	955.7	670.0
117.5°	3095.4	3307.7	3095.4	2883.1	2830.0	2373.1	1763.9	1459.3	1297.3	973.5	730.5
120°	2942.5	3148.7	2942.5	2736.2	2684.6	2267.1	1710.5	1432.1	1284.1	987.8	765.7
122.5°	2793.6	2997.1	2793.6	2590.1	2539.3	2163.3	1662.0	1411.4	1277.1	1008.6	807.2
125°	2581.2	2768.6	2581.2	2393.7	2346.9	2027.6	1601.8	1388.8	1271.4	1036.6	860.5
127.5°	2390.2	2548.3	2390.2	2232.0	2192.5	1918.3	1552.7	1369.9	1268.1	1064.7	912.1
130°	2277.6	2423.6	2277.6	2131.5	2095.0	1850.9	1525.4	1362.6	1270.1	1085.1	946.3
132.5°	2175.5	2306.3	2175.5	2044.6	2011.9	1793.3	1502.0	1356.3	1271.4	1101.6	974.3
135°	2035.5	2148.3	2035.5	1922.7	1894.5	1711.5	1467.5	1345.5	1270.2	1119.7	1006.9
137.5°	1923.2	2015.5	1923.2	1830.9	1807.8	1653.1	1446.8	1343.6	1278.1	1146.8	1048.4
140°	1846.2	1932.4	1846.2	1759.9	1738.3	1604.6	1426.5	1337.4	1279.4	1163.4	1076.4
142.5°	1782.3	1856.6	1782.3	1708.1	1689.5	1572.1	1415.6	1337.4	1284.0	1177.2	1097.1
145°	1686.6	1742.8	1686.6	1630.4	1616.4	1520.4	1392.3	1328.3	1284.0	1195.3	1128.8
147.5°	1613.2	1659.7	1613.2	1566.6	1555.0	1479.4	1378.7	1328.3	1292.8	1221.8	1168.5
150°	1567.0	1604.6	1567.0	1529.2	1519.8	1455.9	1370.8	1328.3	1297.4	1235.6	1189.3
152.5°	1527.4	1555.9	1527.4	1498.9	1491.8	1437.3	1364.6	1328.3	1300.4	1244.7	1202.8
155°	1481.9	1500.8	1481.9	1463.1	1458.4	1415.0	1357.2	1328.3	1307.0	1264.5	1232.6
157.5°	1446.0	1459.3	1446.0	1432.8	1429.4	1395.7	1350.8	1328.3	1313.6	1284.3	1262.4
160°	1424.5	1432.1	1424.5	1416.9	1415.0	1386.1	1347.6	1328.3	1316.7	1293.4	1276.0
162.5°	1410.5	1417.8	1410.5	1403.3	1401.4	1377.0	1344.5	1328.3	1319.8	1303.0	1290.3
165°	1390.2	1397.9	1390.2	1382.6	1380.7	1363.3	1340.0	1328.3	1324.4	1316.9	1311.2
167.5°	1375.6	1378.9	1375.6	1372.4	1371.6	1360.2	1344.9	1337.4	1334.1	1327.7	1322.9
170°	1371.6	1371.6	1371.6	1371.6	1371.6	1360.2	1344.9	1337.4	1337.2	1336.7	1336.5
172.5°	1360.9	1358.1	1360.9	1363.8	1364.5	1355.4	1343.4	1337.4	1337.4	1337.4	1337.4
175°	1354.5	1354.5	1354.5	1354.5	1354.5	1348.8	1341.2	1337.4	1339.2	1342.8	1345.5
177.5°	1348.7	1345.5	1348.7	1351.9	1352.7	1348.2	1342.1	1339.2	1340.6	1343.4	1345.5
180°	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5



TEST NUMBER: P935544

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4
2.5°	1869.6	1859.1	1859.1	1841.6	1834.7	1829.4	1820.7	1794.6	1787.6	1780.6	1791.1
5°	1885.3	1866.1	1852.1	1820.7	1794.6	1784.1	1751.0	1688.2	1646.3	1614.9	1597.5
7.5°	1888.7	1864.3	1838.2	1789.3	1726.5	1698.6	1597.5	1482.4	1451.0	1423.1	1405.6
10°	1885.3	1857.3	1820.7	1747.5	1599.2	1550.4	1449.2	1374.2	1355.1	1349.8	1355.1
12.5°	1873.0	1846.9	1796.3	1674.2	1466.7	1433.5	1374.2	1330.6	1327.1	1335.9	1383.0
15°	1852.1	1827.7	1768.4	1576.6	1393.4	1369.0	1327.1	1311.5	1330.6	1391.7	1532.9
17.5°	1831.2	1803.3	1730.0	1480.6	1337.6	1320.2	1290.5	1321.9	1430.0	1512.0	1559.1
20°	1803.3	1770.1	1686.4	1410.9	1297.5	1281.8	1267.9	1409.1	1491.1	1520.7	1546.9
22.5°	1770.1	1735.3	1627.1	1362.0	1255.6	1243.4	1252.2	1458.0	1491.1	1512.0	1534.7
25°	1726.5	1696.9	1557.4	1323.7	1222.5	1208.6	1241.7	1452.7	1471.9	1477.1	1522.5
27.5°	1686.4	1648.1	1484.1	1288.8	1182.4	1177.2	1250.4	1430.0	1444.0	1449.2	1498.1
30°	1637.6	1580.0	1402.1	1252.2	1140.5	1138.8	1252.2	1402.1	1398.7	1412.6	1461.4
32.5°	1587.0	1478.9	1309.7	1206.8	1100.4	1098.7	1239.9	1360.3	1356.8	1376.0	1412.6
35°	1539.9	1400.4	1184.1	1154.5	1049.8	1051.6	1210.3	1311.5	1313.2	1330.6	1353.3
37.5°	1491.1	1332.4	1046.4	1096.9	1001.1	1001.1	1170.2	1266.1	1262.6	1267.9	1299.2
40°	1433.5	1226.0	924.4	1022.0	955.7	950.5	1121.3	1217.3	1205.1	1203.3	1246.9
42.5°	1372.5	1109.1	833.7	922.6	903.4	896.5	1062.1	1158.0	1135.3	1140.5	1196.3
45°	1306.2	1077.7	763.9	779.6	849.4	844.1	997.6	1090.0	1074.3	1088.2	1145.8
47.5°	1239.9	1015.0	741.2	647.0	791.8	790.1	926.1	1023.8	1015.0	1029.0	1090.0
50°	1149.3	945.3	739.5	554.6	727.3	734.3	840.6	959.2	959.2	971.4	1036.0
52.5°	1032.5	859.8	671.5	502.3	652.3	673.2	765.6	903.4	906.9	919.1	976.7
55°	926.1	770.9	622.6	462.2	563.3	608.7	692.4	845.9	852.8	865.1	917.4
57.5°	828.4	641.8	612.2	415.1	481.4	525.0	627.9	790.1	793.6	804.0	854.6
60°	723.8	463.9	561.6	364.5	409.9	443.0	568.6	723.8	736.0	743.0	786.6
62.5°	605.2	336.6	509.3	329.6	375.0	382.0	519.7	661.0	676.7	681.9	708.1
65°	430.8	282.5	432.5	300.0	338.3	340.1	467.4	596.5	610.4	619.1	638.3
67.5°	291.3	230.2	329.6	272.1	310.4	312.2	416.8	521.5	540.7	547.6	559.8
70°	202.3	153.5	244.2	242.4	279.1	282.5	362.8	453.5	470.9	476.1	483.1
72.5°	148.2	123.8	202.3	218.0	245.9	249.4	307.0	376.7	394.2	399.4	402.9
75°	113.4	130.8	163.9	190.1	209.3	211.0	251.1	307.0	319.2	322.7	324.4
77.5°	90.7	122.1	120.3	153.5	170.9	167.4	197.1	237.2	247.7	247.7	247.7
80°	68.0	95.9	90.7	109.9	125.6	122.1	141.3	169.2	172.7	176.2	174.4
82.5°	50.6	61.0	61.0	69.8	83.7	80.2	94.2	109.9	109.9	109.9	113.4
85°	31.4	34.9	27.9	36.6	47.1	45.3	52.3	59.3	61.0	61.0	57.6
87.5°	19.2	15.7	8.7	14.0	20.9	20.9	24.4	26.2	24.4	24.4	24.4
90°	23.5	16.3	9.1	16.3	23.5	25.3	39.8	59.0	68.6	61.0	45.7
92.5°	159.0	97.5	36.1	97.5	159.0	174.3	245.0	339.3	386.5	338.7	243.2
95°	311.5	199.1	86.7	199.1	311.5	339.6	602.9	954.1	1129.6	1008.1	764.9
97.5°	348.2	249.1	149.9	249.1	348.2	373.0	812.1	1397.7	1690.4	1613.6	1459.9
100°	378.5	288.6	198.6	288.6	378.5	401.0	888.3	1538.0	1862.9	1868.5	1879.8
102.5°	407.9	324.0	240.2	324.0	407.9	429.0	923.2	1582.2	1911.7	2009.6	2205.5
105°	452.7	381.7	310.6	381.7	452.7	470.5	949.0	1587.2	1906.3	2125.8	2564.8
107.5°	515.3	449.1	382.9	449.1	515.3	531.9	953.8	1516.6	1797.9	2104.1	2716.6
110°	551.3	491.5	431.7	491.5	551.3	566.2	946.7	1453.9	1707.6	2050.0	2734.6



TEST NUMBER: P935544

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	593.5	536.5	479.5	536.5	593.5	607.7	946.9	1399.3	1625.4	1975.8	2676.4
115°	656.8	604.3	551.7	604.3	656.8	670.0	955.7	1336.6	1527.0	1864.5	2539.5
117.5°	718.6	670.9	623.1	670.9	718.6	730.5	973.5	1297.3	1459.3	1763.9	2373.1
120°	754.5	709.6	664.6	709.6	754.5	765.7	987.8	1284.1	1432.1	1710.5	2267.1
122.5°	795.9	750.6	705.2	750.6	795.9	807.2	1008.6	1277.1	1411.4	1662.0	2163.3
125°	850.2	808.9	767.6	808.9	850.2	860.5	1036.6	1271.4	1388.8	1601.8	2027.6
127.5°	901.6	859.9	818.1	859.9	901.6	912.1	1064.7	1268.1	1369.9	1552.7	1918.3
130°	935.1	890.2	845.2	890.2	935.1	946.3	1085.1	1270.1	1362.6	1525.4	1850.9
132.5°	963.1	918.2	873.2	918.2	963.1	974.3	1101.6	1271.4	1356.3	1502.0	1793.3
135°	996.6	955.7	914.8	955.7	996.6	1006.9	1119.7	1270.2	1345.5	1467.5	1711.5
137.5°	1038.2	997.7	957.1	997.7	1038.2	1048.4	1146.8	1278.1	1343.6	1446.8	1653.1
140°	1067.0	1029.7	992.4	1029.7	1067.0	1076.4	1163.4	1279.4	1337.4	1426.5	1604.6
142.5°	1088.5	1054.0	1019.5	1054.0	1088.5	1097.1	1177.2	1284.0	1337.4	1415.6	1572.1
145°	1121.3	1091.1	1061.0	1091.1	1121.3	1128.8	1195.3	1284.0	1328.3	1392.3	1520.4
147.5°	1161.2	1131.9	1102.6	1131.9	1161.2	1168.5	1221.8	1292.8	1328.3	1378.7	1479.4
150°	1182.7	1156.1	1129.6	1156.1	1182.7	1189.3	1235.6	1297.4	1328.3	1370.8	1455.9
152.5°	1197.7	1177.7	1157.6	1177.7	1197.7	1202.8	1244.7	1300.4	1328.3	1364.6	1437.3
155°	1228.9	1214.0	1199.2	1214.0	1228.9	1232.6	1264.5	1307.0	1328.3	1357.2	1415.0
157.5°	1258.8	1244.3	1229.9	1244.3	1258.8	1262.4	1284.3	1313.6	1328.3	1350.8	1395.7
160°	1273.2	1261.9	1250.7	1261.9	1273.2	1276.0	1293.4	1316.7	1328.3	1347.6	1386.1
162.5°	1288.3	1279.8	1271.4	1279.8	1288.3	1290.3	1303.0	1319.8	1328.3	1344.5	1377.0
165°	1309.3	1301.7	1294.0	1301.7	1309.3	1311.2	1316.9	1324.4	1328.3	1340.0	1363.3
167.5°	1322.0	1318.3	1314.8	1318.3	1322.0	1322.9	1327.7	1334.1	1337.4	1344.9	1360.2
170°	1335.6	1331.9	1328.3	1331.9	1335.6	1336.5	1336.7	1337.2	1337.4	1344.9	1360.2
172.5°	1337.2	1336.3	1335.5	1336.3	1337.2	1337.4	1337.4	1337.4	1337.4	1343.4	1355.4
175°	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1342.8	1339.2	1337.4	1341.2	1348.8
177.5°	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1343.4	1340.6	1339.2	1342.1	1348.2
180°	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5



TEST NUMBER: P935544

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4
2.5°	1778.9	1773.6	1780.6	1761.4	1780.6	1773.6	1778.9	1791.1	1780.6	1787.6	1794.6
5°	1560.9	1552.1	1524.2	1501.6	1524.2	1552.1	1560.9	1597.5	1614.9	1646.3	1688.2
7.5°	1395.2	1388.2	1381.2	1367.3	1381.2	1388.2	1395.2	1405.6	1423.1	1451.0	1482.4
10°	1358.5	1360.3	1370.8	1369.0	1370.8	1360.3	1358.5	1355.1	1349.8	1355.1	1374.2
12.5°	1452.7	1468.4	1526.0	1522.5	1526.0	1468.4	1452.7	1383.0	1335.9	1327.1	1330.6
15°	1560.9	1566.1	1578.3	1580.0	1578.3	1566.1	1560.9	1532.9	1391.7	1330.6	1311.5
17.5°	1571.3	1573.1	1581.8	1581.8	1581.8	1573.1	1571.3	1559.1	1512.0	1430.0	1321.9
20°	1562.6	1566.1	1583.5	1587.0	1583.5	1566.1	1562.6	1546.9	1520.7	1491.1	1409.1
22.5°	1559.1	1566.1	1580.0	1578.3	1580.0	1566.1	1559.1	1534.7	1512.0	1491.1	1458.0
25°	1541.7	1541.7	1543.4	1545.2	1543.4	1541.7	1541.7	1522.5	1477.1	1471.9	1452.7
27.5°	1505.0	1508.5	1519.0	1517.3	1519.0	1508.5	1505.0	1498.1	1449.2	1444.0	1430.0
30°	1471.9	1468.4	1459.7	1452.7	1459.7	1468.4	1471.9	1461.4	1412.6	1398.7	1402.1
32.5°	1416.1	1407.4	1398.7	1393.4	1398.7	1407.4	1416.1	1412.6	1376.0	1356.8	1360.3
35°	1349.8	1351.6	1349.8	1344.6	1349.8	1351.6	1349.8	1353.3	1330.6	1313.2	1311.5
37.5°	1302.7	1306.2	1304.5	1297.5	1304.5	1306.2	1302.7	1299.2	1267.9	1262.6	1266.1
40°	1253.9	1255.6	1253.9	1248.7	1253.9	1255.6	1253.9	1246.9	1203.3	1205.1	1217.3
42.5°	1206.8	1205.1	1199.8	1196.3	1199.8	1205.1	1206.8	1196.3	1140.5	1135.3	1158.0
45°	1152.7	1154.5	1144.0	1138.8	1144.0	1154.5	1152.7	1145.8	1088.2	1074.3	1090.0
47.5°	1098.7	1098.7	1090.0	1084.7	1090.0	1098.7	1098.7	1090.0	1029.0	1015.0	1023.8
50°	1041.1	1039.5	1027.3	1025.5	1027.3	1039.5	1041.1	1036.0	971.4	959.2	959.2
52.5°	974.9	974.9	976.7	980.2	976.7	974.9	974.9	976.7	919.1	906.9	903.4
55°	917.4	919.1	931.3	934.8	931.3	919.1	917.4	917.4	865.1	852.8	845.9
57.5°	858.1	858.1	866.8	866.8	866.8	858.1	858.1	854.6	804.0	793.6	790.1
60°	790.1	793.6	800.5	798.8	800.5	793.6	790.1	786.6	743.0	736.0	723.8
62.5°	718.6	722.0	723.8	720.3	723.8	722.0	718.6	708.1	681.9	676.7	661.0
65°	643.6	647.0	648.8	645.3	648.8	647.0	643.6	638.3	619.1	610.4	596.5
67.5°	566.8	565.1	563.3	570.3	563.3	565.1	566.8	559.8	547.6	540.7	521.5
70°	488.3	488.3	486.6	490.1	486.6	488.3	488.3	483.1	476.1	470.9	453.5
72.5°	404.6	402.9	409.9	404.6	409.9	402.9	404.6	402.9	399.4	394.2	376.7
75°	322.7	326.1	322.7	327.9	322.7	326.1	322.7	324.4	322.7	319.2	307.0
77.5°	245.9	249.4	245.9	245.9	245.9	249.4	245.9	247.7	247.7	247.7	237.2
80°	174.4	172.7	172.7	170.9	172.7	172.7	174.4	174.4	176.2	172.7	169.2
82.5°	111.6	109.9	109.9	113.4	109.9	109.9	111.6	113.4	109.9	109.9	109.9
85°	61.0	62.8	59.3	59.3	59.3	62.8	61.0	57.6	61.0	61.0	59.3
87.5°	22.7	20.9	20.9	20.9	20.9	20.9	22.7	24.4	24.4	24.4	26.2
90°	34.3	34.3	34.3	34.3	34.3	34.3	34.3	45.7	61.0	68.6	59.0
92.5°	171.5	164.7	137.4	110.1	137.4	164.7	171.5	243.2	338.7	386.5	339.3
95°	582.4	561.8	479.1	396.4	479.1	561.8	582.4	764.9	1008.1	1129.6	954.1
97.5°	1344.6	1305.3	1147.9	990.6	1147.9	1305.3	1344.6	1459.9	1613.6	1690.4	1397.7
100°	1888.2	1841.4	1653.9	1466.5	1653.9	1841.4	1888.2	1879.8	1868.5	1862.9	1538.0
102.5°	2352.3	2312.2	2151.7	1991.1	2151.7	2312.2	2352.3	2205.5	2009.6	1911.7	1582.2
105°	2894.1	2872.6	2786.2	2700.0	2786.2	2872.6	2894.1	2564.8	2125.8	1906.3	1587.2
107.5°	3175.9	3181.1	3201.9	3222.8	3201.9	3181.1	3175.9	2716.6	2104.1	1797.9	1516.6
110°	3248.1	3270.6	3360.5	3450.4	3360.5	3270.6	3248.1	2734.6	2050.0	1707.6	1453.9



TEST NUMBER: P935544

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3202.0	3236.6	3374.6	3512.6	3374.6	3236.6	3202.0	2676.4	1975.8	1625.4	1399.3
115°	3045.8	3093.7	3285.1	3476.5	3285.1	3093.7	3045.8	2539.5	1864.5	1527.0	1336.6
117.5°	2830.0	2883.1	3095.4	3307.7	3095.4	2883.1	2830.0	2373.1	1763.9	1459.3	1297.3
120°	2684.6	2736.2	2942.5	3148.7	2942.5	2736.2	2684.6	2267.1	1710.5	1432.1	1284.1
122.5°	2539.3	2590.1	2793.6	2997.1	2793.6	2590.1	2539.3	2163.3	1662.0	1411.4	1277.1
125°	2346.9	2393.7	2581.2	2768.6	2581.2	2393.7	2346.9	2027.6	1601.8	1388.8	1271.4
127.5°	2192.5	2232.0	2390.2	2548.3	2390.2	2232.0	2192.5	1918.3	1552.7	1369.9	1268.1
130°	2095.0	2131.5	2277.6	2423.6	2277.6	2131.5	2095.0	1850.9	1525.4	1362.6	1270.1
132.5°	2011.9	2044.6	2175.5	2306.3	2175.5	2044.6	2011.9	1793.3	1502.0	1356.3	1271.4
135°	1894.5	1922.7	2035.5	2148.3	2035.5	1922.7	1894.5	1711.5	1467.5	1345.5	1270.2
137.5°	1807.8	1830.9	1923.2	2015.5	1923.2	1830.9	1807.8	1653.1	1446.8	1343.6	1278.1
140°	1738.3	1759.9	1846.2	1932.4	1846.2	1759.9	1738.3	1604.6	1426.5	1337.4	1279.4
142.5°	1689.5	1708.1	1782.3	1856.6	1782.3	1708.1	1689.5	1572.1	1415.6	1337.4	1284.0
145°	1616.4	1630.4	1686.6	1742.8	1686.6	1630.4	1616.4	1520.4	1392.3	1328.3	1284.0
147.5°	1555.0	1566.6	1613.2	1659.7	1613.2	1566.6	1555.0	1479.4	1378.7	1328.3	1292.8
150°	1519.8	1529.2	1567.0	1604.6	1567.0	1529.2	1519.8	1455.9	1370.8	1328.3	1297.4
152.5°	1491.8	1498.9	1527.4	1555.9	1527.4	1498.9	1491.8	1437.3	1364.6	1328.3	1300.4
155°	1458.4	1463.1	1481.9	1500.8	1481.9	1463.1	1458.4	1415.0	1357.2	1328.3	1307.0
157.5°	1429.4	1432.8	1446.0	1459.3	1446.0	1432.8	1429.4	1395.7	1350.8	1328.3	1313.6
160°	1415.0	1416.9	1424.5	1432.1	1424.5	1416.9	1415.0	1386.1	1347.6	1328.3	1316.7
162.5°	1401.4	1403.3	1410.5	1417.8	1410.5	1403.3	1401.4	1377.0	1344.5	1328.3	1319.8
165°	1380.7	1382.6	1390.2	1397.9	1390.2	1382.6	1380.7	1363.3	1340.0	1328.3	1324.4
167.5°	1371.6	1372.4	1375.6	1378.9	1375.6	1372.4	1371.6	1360.2	1344.9	1337.4	1334.1
170°	1371.6	1371.6	1371.6	1371.6	1371.6	1371.6	1371.6	1360.2	1344.9	1337.4	1337.2
172.5°	1364.5	1363.8	1360.9	1358.1	1360.9	1363.8	1364.5	1355.4	1343.4	1337.4	1337.4
175°	1354.5	1354.5	1354.5	1354.5	1354.5	1354.5	1354.5	1348.8	1341.2	1337.4	1339.2
177.5°	1352.7	1351.9	1348.7	1345.5	1348.7	1351.9	1352.7	1348.2	1342.1	1339.2	1340.6
180°	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5



TEST NUMBER: P935544

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1843.4	1843.4	1843.4	1843.4	1843.4
2.5°	1820.7	1829.4	1834.7	1841.6	1859.1
5°	1751.0	1784.1	1794.6	1820.7	1852.1
7.5°	1597.5	1698.6	1726.5	1789.3	1838.2
10°	1449.2	1550.4	1599.2	1747.5	1820.7
12.5°	1374.2	1433.5	1466.7	1674.2	1796.3
15°	1327.1	1369.0	1393.4	1576.6	1768.4
17.5°	1290.5	1320.2	1337.6	1480.6	1730.0
20°	1267.9	1281.8	1297.5	1410.9	1686.4
22.5°	1252.2	1243.4	1255.6	1362.0	1627.1
25°	1241.7	1208.6	1222.5	1323.7	1557.4
27.5°	1250.4	1177.2	1182.4	1288.8	1484.1
30°	1252.2	1138.8	1140.5	1252.2	1402.1
32.5°	1239.9	1098.7	1100.4	1206.8	1309.7
35°	1210.3	1051.6	1049.8	1154.5	1184.1
37.5°	1170.2	1001.1	1001.1	1096.9	1046.4
40°	1121.3	950.5	955.7	1022.0	924.4
42.5°	1062.1	896.5	903.4	922.6	833.7
45°	997.6	844.1	849.4	779.6	763.9
47.5°	926.1	790.1	791.8	647.0	741.2
50°	840.6	734.3	727.3	554.6	739.5
52.5°	765.6	673.2	652.3	502.3	671.5
55°	692.4	608.7	563.3	462.2	622.6
57.5°	627.9	525.0	481.4	415.1	612.2
60°	568.6	443.0	409.9	364.5	561.6
62.5°	519.7	382.0	375.0	329.6	509.3
65°	467.4	340.1	338.3	300.0	432.5
67.5°	416.8	312.2	310.4	272.1	329.6
70°	362.8	282.5	279.1	242.4	244.2
72.5°	307.0	249.4	245.9	218.0	202.3
75°	251.1	211.0	209.3	190.1	163.9
77.5°	197.1	167.4	170.9	153.5	120.3
80°	141.3	122.1	125.6	109.9	90.7
82.5°	94.2	80.2	83.7	69.8	61.0
85°	52.3	45.3	47.1	36.6	27.9
87.5°	24.4	20.9	20.9	14.0	8.7
90°	39.8	25.3	23.5	16.3	9.1
92.5°	245.0	174.3	159.0	97.5	36.1
95°	602.9	339.6	311.5	199.1	86.7
97.5°	812.1	373.0	348.2	249.1	149.9
100°	888.3	401.0	378.5	288.6	198.6
102.5°	923.2	429.0	407.9	324.0	240.2
105°	949.0	470.5	452.7	381.7	310.6
107.5°	953.8	531.9	515.3	449.1	382.9
110°	946.7	566.2	551.3	491.5	431.7



TEST NUMBER: P935544

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	946.9	607.7	593.5	536.5	479.5
115°	955.7	670.0	656.8	604.3	551.7
117.5°	973.5	730.5	718.6	670.9	623.1
120°	987.8	765.7	754.5	709.6	664.6
122.5°	1008.6	807.2	795.9	750.6	705.2
125°	1036.6	860.5	850.2	808.9	767.6
127.5°	1064.7	912.1	901.6	859.9	818.1
130°	1085.1	946.3	935.1	890.2	845.2
132.5°	1101.6	974.3	963.1	918.2	873.2
135°	1119.7	1006.9	996.6	955.7	914.8
137.5°	1146.8	1048.4	1038.2	997.7	957.1
140°	1163.4	1076.4	1067.0	1029.7	992.4
142.5°	1177.2	1097.1	1088.5	1054.0	1019.5
145°	1195.3	1128.8	1121.3	1091.1	1061.0
147.5°	1221.8	1168.5	1161.2	1131.9	1102.6
150°	1235.6	1189.3	1182.7	1156.1	1129.6
152.5°	1244.7	1202.8	1197.7	1177.7	1157.6
155°	1264.5	1232.6	1228.9	1214.0	1199.2
157.5°	1284.3	1262.4	1258.8	1244.3	1229.9
160°	1293.4	1276.0	1273.2	1261.9	1250.7
162.5°	1303.0	1290.3	1288.3	1279.8	1271.4
165°	1316.9	1311.2	1309.3	1301.7	1294.0
167.5°	1327.7	1322.9	1322.0	1318.3	1314.8
170°	1336.7	1336.5	1335.6	1331.9	1328.3
172.5°	1337.4	1337.4	1337.2	1336.3	1335.5
175°	1342.8	1345.5	1345.5	1345.5	1345.5
177.5°	1343.4	1345.5	1345.5	1345.5	1345.5
180°	1345.5	1345.5	1345.5	1345.5	1345.5



TEST NUMBER: P935544

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-3000K

**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	10.74	11.49	11.82	12.56	14.03	13.58	14.32	14.65	15.40	16.86
	3H	11.21	11.88	12.29	12.96	14.44	14.92	15.59	16.00	16.67	18.15
	4H	11.40	12.03	12.49	13.11	14.60	15.36	15.99	16.45	17.08	18.56
	6H	11.51	12.09	12.61	13.18	14.68	15.64	16.22	16.74	17.31	18.81
	8H	11.51	12.06	12.61	13.16	14.66	15.71	16.27	16.82	17.37	18.86
	12H	11.47	12.00	12.58	13.10	14.61	15.75	16.27	16.86	17.37	18.89
4H	2H	11.76	12.39	12.86	13.48	14.97	13.97	14.61	15.07	15.69	17.18
	3H	12.78	13.30	13.89	14.42	15.92	15.47	16.00	16.58	17.11	18.61
	4H	13.05	13.53	14.16	14.63	16.16	16.00	16.48	17.11	17.58	19.10
	6H	13.17	13.58	14.29	14.71	16.22	16.36	16.77	17.48	17.90	19.41
	8H	13.17	13.56	14.29	14.67	16.20	16.46	16.85	17.58	17.96	19.50
	12H	13.13	13.48	14.27	14.61	16.15	16.51	16.86	17.65	17.99	19.53
8H	4H	13.49	13.88	14.61	15.00	16.53	16.11	16.50	17.23	17.61	19.15
	6H	13.75	14.07	14.89	15.23	16.76	16.54	16.86	17.68	18.02	19.55
	8H	13.79	14.07	14.94	15.21	16.76	16.70	16.98	17.84	18.11	19.66
	12H	13.77	14.02	14.92	15.15	16.74	16.79	17.04	17.94	18.17	19.76
12H	4H	13.50	13.85	14.63	14.97	16.51	16.07	16.42	17.21	17.55	19.08
	6H	13.81	14.09	14.96	15.23	16.78	16.54	16.82	17.69	17.96	19.51
	8H	13.87	14.12	15.02	15.25	16.84	16.70	16.94	17.85	18.08	19.66