

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: P935426

Luminaire Tested: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-12-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935426
REPORT IS A COMBINATION OF REPORTS P933753 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-12-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

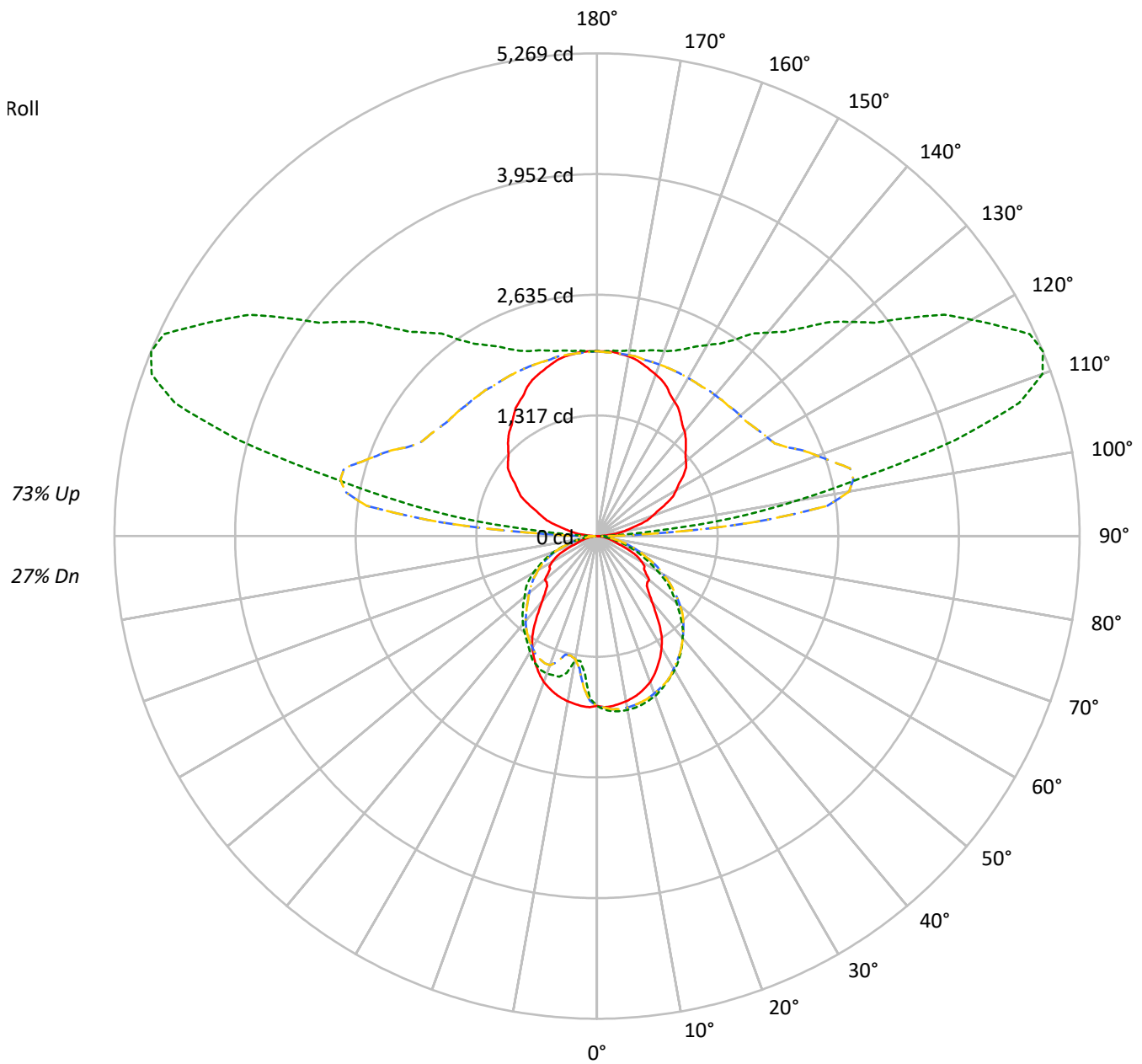
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17899.4 lumens
Efficiency: N/A
Efficacy: 125.3 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 142.8
Input Voltage (V): NR
Input Current (A_{in}): 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: P935426
CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-12-3000K

Luminous Intensity Polar Plot



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

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CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-12-3000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5736	5736	5736	5736
5°	5781	5790	5781	4553
10°	5745	5704	5745	4078
15°	5684	5580	5684	4659
20°	5568	5434	5568	4669
25°	5327	5220	5327	4570
30°	5014	5043	5014	4353
35°	4472	4819	4472	4114
40°	3728	4555	3728	3934
45°	3333	4246	3333	3727
50°	3544	3877	3544	3518
55°	3338	3480	3338	3398
60°	3445	2956	3445	3112
65°	3129	2444	3129	2731
70°	2172	1948	2172	2289
75°	1911	1440	1911	1723
80°	1551	952	1551	1037
85°	911	504	911	428

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5106 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	167.4	0.9
10°-20°	475.3	2.7
20°-30°	734.7	4.1
30°-40°	877.1	4.9
40°-50°	882.3	4.9
50°-60°	767.7	4.3
60°-70°	544.3	3.0
70°-80°	288.0	1.6
80°-90°	79.4	0.4
90°-100°	983.8	5.5
100°-110°	2586.4	14.4
110°-120°	2681.8	15.0
120°-130°	2151.1	12.0
130°-140°	1687.9	9.4
140°-150°	1295.5	7.2
150°-160°	933.0	5.2
160°-170°	570.9	3.2
170°-180°	192.9	1.1
0°-30°	1377.4	7.7
0°-40°	2254.5	12.6
0°-60°	3904.4	21.8
0°-90°	4816.1	26.9
90°-120°	6252.0	34.9
90°-150°	11386.5	63.6
90°-180°	13083.0	73.1
0°-180°	17899.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1854	1854	1854	1854	1854	
5°	1863	1921	1863	1511	1863	177
15°	1779	1904	1779	1590	1779	501
25°	1567	1776	1567	1554	1567	719
35°	1191	1584	1191	1353	1191	737
45°	768	1305	768	1146	768	616
55°	626	963	626	940	626	576
65°	435	581	435	649	435	416
75°	165	276	165	330	165	173
85°	28	70	28	60	28	38
90°	14	52	14	52	14	12
95°	130	595	130	595	130	144
105°	466	4050	466	4050	466	494
115°	828	5215	828	5215	828	817
125°	1151	4153	1151	4153	1151	1022
135°	1372	3222	1372	3222	1372	1062
145°	1592	2614	1592	2614	1592	997
155°	1799	2251	1799	2251	1799	826
165°	1941	2097	1941	2097	1941	548
175°	2018	2032	2018	2032	2018	192
180°	2018	2018	2018	2018	2018	



TEST NUMBER: P935426

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5
2.5°	1870.3	1870.3	1880.8	1884.3	1884.3	1879.1	1873.8	1879.1	1894.8	1900.1	1898.3
5°	1863.3	1877.3	1896.6	1900.1	1903.7	1901.9	1898.3	1901.9	1919.4	1922.9	1924.7
7.5°	1849.2	1875.6	1900.1	1905.4	1910.6	1905.4	1903.7	1907.1	1924.7	1928.2	1928.2
10°	1831.7	1868.5	1896.6	1900.1	1905.4	1900.1	1900.1	1907.1	1924.7	1928.2	1930.0
12.5°	1807.1	1858.0	1884.3	1887.9	1894.8	1893.1	1891.4	1898.3	1915.9	1919.4	1919.4
15°	1779.0	1838.7	1863.3	1866.8	1879.1	1875.6	1875.6	1882.5	1901.9	1907.1	1905.4
17.5°	1740.5	1814.2	1842.3	1847.5	1856.3	1854.5	1856.3	1863.3	1880.8	1884.3	1886.1
20°	1696.6	1780.8	1814.2	1819.4	1828.2	1828.2	1828.2	1836.9	1854.5	1861.5	1861.5
22.5°	1637.0	1745.7	1780.8	1784.4	1794.8	1794.8	1798.4	1810.6	1826.4	1828.2	1828.2
25°	1566.8	1707.1	1736.9	1747.5	1758.0	1763.3	1768.6	1775.5	1780.8	1779.0	1780.8
27.5°	1493.1	1658.0	1696.6	1703.6	1717.6	1722.9	1729.9	1731.7	1733.4	1738.7	1735.2
30°	1410.6	1589.5	1647.4	1654.5	1677.3	1680.8	1673.8	1677.3	1686.1	1689.6	1693.1
32.5°	1317.6	1487.8	1596.6	1612.4	1633.4	1622.9	1621.1	1626.4	1640.5	1640.5	1644.0
35°	1191.3	1408.9	1549.3	1563.3	1579.1	1566.8	1573.8	1575.5	1584.3	1589.5	1587.8
37.5°	1052.7	1340.4	1500.1	1510.6	1522.9	1507.1	1517.6	1522.9	1529.9	1526.4	1526.4
40°	929.8	1233.4	1442.2	1449.2	1459.7	1447.5	1458.0	1461.5	1465.0	1461.5	1459.7
42.5°	838.6	1115.9	1380.8	1389.6	1382.5	1391.3	1394.8	1401.9	1396.6	1389.6	1389.6
45°	768.4	1084.3	1314.2	1324.6	1314.2	1328.2	1333.4	1333.4	1317.6	1314.2	1312.3
47.5°	745.7	1021.2	1247.4	1247.4	1242.2	1259.7	1268.5	1256.3	1240.5	1235.1	1235.1
50°	743.9	951.0	1156.2	1149.2	1173.8	1194.8	1186.1	1173.8	1161.5	1142.2	1142.2
52.5°	675.5	865.0	1038.7	1065.0	1103.6	1115.9	1101.8	1089.5	1068.5	1059.7	1052.7
55°	626.4	775.5	931.6	984.3	1024.6	1040.4	1014.1	1001.8	970.2	965.0	961.5
57.5°	615.8	645.7	833.4	900.0	949.2	947.5	931.6	908.8	882.5	877.3	875.5
60°	565.0	466.7	728.1	807.1	857.9	852.7	838.6	817.6	793.0	789.5	786.1
62.5°	512.3	338.6	608.8	698.3	770.2	768.4	756.2	724.6	707.0	698.3	691.3
65°	435.1	284.2	433.4	580.8	684.3	687.8	661.4	638.7	619.3	608.8	607.0
67.5°	331.6	231.6	293.0	484.2	601.8	598.3	565.0	554.4	529.8	524.6	514.1
70°	245.7	154.4	203.5	393.0	521.1	512.3	486.0	473.7	450.9	438.6	431.6
72.5°	203.5	124.5	149.1	305.3	438.6	428.1	405.3	391.3	371.9	361.5	354.4
75°	164.9	131.6	114.1	226.3	356.1	349.2	328.1	314.0	298.2	284.2	285.9
77.5°	121.0	122.8	91.2	166.6	282.5	272.0	259.7	242.2	235.1	221.1	221.1
80°	91.2	96.5	68.5	114.1	203.5	203.5	193.0	180.7	168.4	161.4	161.4
82.5°	61.4	61.4	50.8	71.9	138.6	133.3	126.4	122.8	115.8	112.3	112.3
85°	28.1	35.1	31.6	43.9	75.4	78.9	78.9	75.4	73.7	70.2	71.9
87.5°	8.8	15.8	19.3	24.6	38.6	40.4	42.1	42.1	42.1	43.9	43.9
90°	13.5	24.3	35.2	37.9	59.6	88.4	102.9	91.5	68.6	51.5	51.5
92.5°	54.2	146.2	238.4	261.4	367.6	509.0	579.7	508.0	364.8	257.3	247.1
95°	130.0	298.6	467.1	509.3	904.3	1431.1	1694.4	1512.0	1147.2	873.7	842.6
97.5°	224.8	373.5	522.3	559.4	1218.1	2096.5	2535.6	2420.3	2189.8	2016.8	1957.8
100°	298.0	432.9	567.7	601.4	1332.4	2307.1	2794.3	2802.8	2819.6	2832.3	2762.0
102.5°	360.3	486.2	611.9	643.4	1384.8	2373.2	2867.5	3014.4	3308.1	3528.5	3468.3
105°	465.9	572.5	679.1	705.7	1423.6	2380.7	2859.3	3188.6	3847.2	4341.2	4308.8
107.5°	574.3	673.6	773.0	797.8	1430.8	2274.9	2696.9	3156.2	4074.8	4763.7	4771.6
110°	647.5	737.1	826.9	849.3	1419.9	2180.9	2561.3	3074.9	4101.9	4872.1	4905.9



TEST NUMBER: P935426

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	719.3	804.7	890.2	911.5	1420.4	2098.9	2438.1	2963.7	4014.8	4803.1	4854.9
115°	827.6	906.4	985.3	1005.0	1433.5	2004.8	2290.5	2796.8	3809.3	4568.8	4640.5
117.5°	934.6	1006.2	1077.9	1095.8	1460.1	1945.9	2188.9	2645.8	3559.6	4245.0	4324.6
120°	996.9	1064.3	1131.8	1148.6	1481.8	1926.1	2148.3	2565.8	3400.8	4027.0	4104.3
122.5°	1057.9	1125.9	1193.9	1210.9	1513.0	1915.8	2117.1	2493.1	3244.9	3808.9	3885.2
125°	1151.3	1213.3	1275.3	1290.9	1555.0	1907.1	2083.2	2402.5	3041.3	3520.3	3590.6
127.5°	1227.2	1289.8	1352.4	1368.0	1597.0	1902.2	2054.8	2328.9	2877.4	3288.7	3348.0
130°	1267.9	1335.3	1402.7	1419.5	1627.7	1905.2	2044.0	2288.0	2776.3	3142.5	3197.2
132.5°	1309.8	1377.2	1444.7	1461.5	1652.5	1907.1	2034.5	2253.0	2690.1	3017.8	3066.9
135°	1372.1	1433.5	1494.9	1510.3	1679.6	1905.4	2018.2	2201.3	2567.3	2841.8	2884.1
137.5°	1435.8	1496.6	1557.4	1572.5	1720.2	1917.1	2015.5	2170.2	2479.6	2711.7	2746.3
140°	1488.6	1544.5	1600.5	1614.6	1745.0	1919.0	2006.0	2139.6	2406.9	2607.4	2639.7
142.5°	1529.2	1581.0	1632.8	1645.7	1765.8	1926.0	2006.0	2123.4	2358.2	2534.3	2562.1
145°	1591.5	1636.7	1681.9	1693.1	1792.9	1926.0	1992.5	2088.5	2280.5	2424.5	2445.6
147.5°	1653.8	1697.8	1741.7	1752.7	1832.7	1939.2	1992.5	2068.0	2219.2	2332.4	2349.9
150°	1694.4	1734.2	1774.0	1783.9	1853.4	1946.1	1992.5	2056.3	2183.9	2279.6	2293.7
152.5°	1736.5	1766.6	1796.7	1804.2	1867.0	1950.7	1992.5	2047.0	2155.9	2237.6	2248.4
155°	1798.7	1821.1	1843.3	1848.9	1896.8	1960.6	1992.5	2035.9	2122.5	2187.5	2194.6
157.5°	1844.9	1866.5	1888.2	1893.6	1926.6	1970.5	1992.5	2026.2	2093.6	2144.2	2149.1
160°	1876.0	1892.8	1909.8	1913.9	1940.1	1975.1	1992.5	2021.4	2079.2	2122.5	2125.4
162.5°	1907.1	1919.8	1932.4	1935.6	1954.6	1979.9	1992.5	2016.9	2065.7	2102.2	2104.9
165°	1941.0	1952.4	1963.8	1966.7	1975.3	1986.8	1992.5	2010.0	2044.8	2071.0	2073.9
167.5°	1972.2	1977.6	1983.0	1984.3	1991.6	2001.2	2006.0	2017.5	2040.3	2057.5	2058.7
170°	1992.5	1997.9	2003.3	2004.6	2005.1	2005.7	2006.0	2017.5	2040.3	2057.5	2057.5
172.5°	2003.3	2004.5	2005.8	2006.0	2006.0	2006.0	2006.0	2015.1	2033.1	2046.7	2045.6
175°	2018.2	2018.2	2018.2	2018.2	2014.1	2008.7	2006.0	2011.8	2023.2	2031.8	2031.8
177.5°	2018.2	2018.2	2018.2	2018.2	2015.1	2010.8	2008.7	2013.3	2022.2	2029.0	2027.8
180°	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2



TEST NUMBER: P935426

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5
2.5°	1901.9	1896.6	1901.9	1898.3	1900.1	1894.8	1879.1	1873.8	1879.1	1884.3	1884.3
5°	1924.7	1921.2	1924.7	1924.7	1922.9	1919.4	1901.9	1898.3	1901.9	1903.7	1900.1
7.5°	1931.7	1926.4	1931.7	1928.2	1928.2	1924.7	1907.1	1903.7	1905.4	1910.6	1905.4
10°	1931.7	1926.4	1931.7	1930.0	1928.2	1924.7	1907.1	1900.1	1900.1	1905.4	1900.1
12.5°	1922.9	1919.4	1922.9	1919.4	1919.4	1915.9	1898.3	1891.4	1893.1	1894.8	1887.9
15°	1908.9	1903.7	1908.9	1905.4	1907.1	1901.9	1882.5	1875.6	1875.6	1879.1	1866.8
17.5°	1887.9	1880.8	1887.9	1886.1	1884.3	1880.8	1863.3	1856.3	1854.5	1856.3	1847.5
20°	1863.3	1858.0	1863.3	1861.5	1861.5	1854.5	1836.9	1828.2	1828.2	1828.2	1819.4
22.5°	1824.6	1819.4	1824.6	1828.2	1828.2	1826.4	1810.6	1798.4	1794.8	1794.8	1784.4
25°	1780.8	1775.5	1780.8	1780.8	1779.0	1780.8	1775.5	1768.6	1763.3	1758.0	1747.5
27.5°	1738.7	1735.2	1738.7	1735.2	1738.7	1733.4	1731.7	1729.9	1722.9	1717.6	1703.6
30°	1696.6	1693.1	1696.6	1693.1	1689.6	1686.1	1677.3	1673.8	1680.8	1677.3	1654.5
32.5°	1644.0	1640.5	1644.0	1644.0	1640.5	1640.5	1626.4	1621.1	1622.9	1633.4	1612.4
35°	1589.5	1584.3	1589.5	1587.8	1589.5	1584.3	1575.5	1573.8	1566.8	1579.1	1563.3
37.5°	1526.4	1521.2	1526.4	1526.4	1526.4	1529.9	1522.9	1517.6	1507.1	1522.9	1510.6
40°	1461.5	1454.5	1461.5	1459.7	1461.5	1465.0	1461.5	1458.0	1447.5	1459.7	1449.2
42.5°	1387.8	1386.0	1387.8	1389.6	1389.6	1396.6	1401.9	1394.8	1391.3	1382.5	1389.6
45°	1308.8	1305.3	1308.8	1312.3	1314.2	1317.6	1333.4	1333.4	1328.2	1314.2	1324.6
47.5°	1224.6	1215.9	1224.6	1235.1	1235.1	1240.5	1256.3	1268.5	1259.7	1242.2	1247.4
50°	1135.1	1136.9	1135.1	1142.2	1142.2	1161.5	1173.8	1186.1	1194.8	1173.8	1149.2
52.5°	1047.4	1045.7	1047.4	1052.7	1059.7	1068.5	1089.5	1101.8	1115.9	1103.6	1065.0
55°	959.7	963.2	959.7	961.5	965.0	970.2	1001.8	1014.1	1040.4	1024.6	984.3
57.5°	871.9	866.7	871.9	875.5	877.3	882.5	908.8	931.6	947.5	949.2	900.0
60°	770.2	763.2	770.2	786.1	789.5	793.0	817.6	838.6	852.7	857.9	807.1
62.5°	680.7	668.5	680.7	691.3	698.3	707.0	724.6	756.2	768.4	770.2	698.3
65°	586.0	580.8	586.0	607.0	608.8	619.3	638.7	661.4	687.8	684.3	580.8
67.5°	500.0	500.0	500.0	514.1	524.6	529.8	554.4	565.0	598.3	601.8	484.2
70°	421.1	419.4	421.1	431.6	438.6	450.9	473.7	486.0	512.3	521.1	393.0
72.5°	345.7	343.8	345.7	354.4	361.5	371.9	391.3	405.3	428.1	438.6	305.3
75°	279.0	275.5	279.0	285.9	284.2	298.2	314.0	328.1	349.2	356.1	226.3
77.5°	214.1	214.1	214.1	221.1	221.1	235.1	242.2	259.7	272.0	282.5	166.6
80°	159.7	157.9	159.7	161.4	161.4	168.4	180.7	193.0	203.5	203.5	114.1
82.5°	112.3	108.7	112.3	112.3	112.3	115.8	122.8	126.4	133.3	138.6	71.9
85°	70.2	70.2	70.2	71.9	70.2	73.7	75.4	78.9	78.9	75.4	43.9
87.5°	45.6	43.9	45.6	43.9	43.9	42.1	42.1	42.1	40.4	38.6	24.6
90°	51.5	51.5	51.5	51.5	51.5	68.6	91.5	102.9	88.4	59.6	37.9
92.5°	206.1	165.3	206.1	247.1	257.3	364.8	508.0	579.7	509.0	367.6	261.4
95°	718.6	594.6	718.6	842.6	873.7	1147.2	1512.0	1694.4	1431.1	904.3	509.3
97.5°	1721.8	1485.9	1721.8	1957.8	2016.8	2189.8	2420.3	2535.6	2096.5	1218.1	559.4
100°	2480.8	2199.7	2480.8	2762.0	2832.3	2819.6	2802.8	2794.3	2307.1	1332.4	601.4
102.5°	3227.5	2986.7	3227.5	3468.3	3528.5	3308.1	3014.4	2867.5	2373.2	1384.8	643.4
105°	4179.4	4050.0	4179.4	4308.8	4341.2	3847.2	3188.6	2859.3	2380.7	1423.6	705.7
107.5°	4802.9	4834.2	4802.9	4771.6	4763.7	4074.8	3156.2	2696.9	2274.9	1430.8	797.8
110°	5040.7	5175.5	5040.7	4905.9	4872.1	4101.9	3074.9	2561.3	2180.9	1419.9	849.3



TEST NUMBER: P935426

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	5061.9	5269.0	5061.9	4854.9	4803.1	4014.8	2963.7	2438.1	2098.9	1420.4	911.5
115°	4927.7	5214.9	4927.7	4640.5	4568.8	3809.3	2796.8	2290.5	2004.8	1433.5	1005.0
117.5°	4643.1	4961.5	4643.1	4324.6	4245.0	3559.6	2645.8	2188.9	1945.9	1460.1	1095.8
120°	4413.7	4723.1	4413.7	4104.3	4027.0	3400.8	2565.8	2148.3	1926.1	1481.8	1148.6
122.5°	4190.4	4495.6	4190.4	3885.2	3808.9	3244.9	2493.1	2117.1	1915.8	1513.0	1210.9
125°	3871.7	4152.9	3871.7	3590.6	3520.3	3041.3	2402.5	2083.2	1907.1	1555.0	1290.9
127.5°	3585.2	3822.4	3585.2	3348.0	3288.7	2877.4	2328.9	2054.8	1902.2	1597.0	1368.0
130°	3416.4	3635.5	3416.4	3197.2	3142.5	2776.3	2288.0	2044.0	1905.2	1627.7	1419.5
132.5°	3263.2	3459.4	3263.2	3066.9	3017.8	2690.1	2253.0	2034.5	1907.1	1652.5	1461.5
135°	3053.2	3222.3	3053.2	2884.1	2841.8	2567.3	2201.3	2018.2	1905.4	1679.6	1510.3
137.5°	2884.8	3023.3	2884.8	2746.3	2711.7	2479.6	2170.2	2015.5	1917.1	1720.2	1572.5
140°	2769.2	2898.6	2769.2	2639.7	2607.4	2406.9	2139.6	2006.0	1919.0	1745.0	1614.6
142.5°	2673.5	2784.8	2673.5	2562.1	2534.3	2358.2	2123.4	2006.0	1926.0	1765.8	1645.7
145°	2529.9	2614.2	2529.9	2445.6	2424.5	2280.5	2088.5	1992.5	1926.0	1792.9	1693.1
147.5°	2419.7	2489.6	2419.7	2349.9	2332.4	2219.2	2068.0	1992.5	1939.2	1832.7	1752.7
150°	2350.4	2407.0	2350.4	2293.7	2279.6	2183.9	2056.3	1992.5	1946.1	1853.4	1783.9
152.5°	2291.1	2333.8	2291.1	2248.4	2237.6	2155.9	2047.0	1992.5	1950.7	1867.0	1804.2
155°	2222.9	2251.2	2222.9	2194.6	2187.5	2122.5	2035.9	1992.5	1960.6	1896.8	1848.9
157.5°	2169.0	2188.9	2169.0	2149.1	2144.2	2093.6	2026.2	1992.5	1970.5	1926.6	1893.6
160°	2136.8	2148.3	2136.8	2125.4	2122.5	2079.2	2021.4	1992.5	1975.1	1940.1	1913.9
162.5°	2115.7	2126.5	2115.7	2104.9	2102.2	2065.7	2016.9	1992.5	1979.9	1954.6	1935.6
165°	2085.3	2096.8	2085.3	2073.9	2071.0	2044.8	2010.0	1992.5	1986.8	1975.3	1966.7
167.5°	2063.5	2068.3	2063.5	2058.7	2057.5	2040.3	2017.5	2006.0	2001.2	1991.6	1984.3
170°	2057.5	2057.5	2057.5	2057.5	2057.5	2040.3	2017.5	2006.0	2005.7	2005.1	2004.6
172.5°	2041.3	2037.2	2041.3	2045.6	2046.7	2033.1	2015.1	2006.0	2006.0	2006.0	2006.0
175°	2031.8	2031.8	2031.8	2031.8	2031.8	2023.2	2011.8	2006.0	2008.7	2014.1	2018.2
177.5°	2023.0	2018.2	2023.0	2027.8	2029.0	2022.2	2013.3	2008.7	2010.8	2015.1	2018.2
180°	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2



TEST NUMBER: P935426

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5
2.5°	1880.8	1870.3	1870.3	1852.7	1845.7	1840.4	1831.7	1805.4	1798.4	1791.3	1801.9
5°	1896.6	1877.3	1863.3	1831.7	1805.4	1794.8	1761.5	1698.4	1656.3	1624.7	1607.2
7.5°	1900.1	1875.6	1849.2	1800.1	1736.9	1708.8	1607.2	1491.4	1459.7	1431.7	1414.1
10°	1896.6	1868.5	1831.7	1758.0	1608.9	1559.7	1458.0	1382.5	1363.3	1358.0	1363.3
12.5°	1884.3	1858.0	1807.1	1684.3	1475.6	1442.2	1382.5	1338.7	1335.2	1344.0	1391.3
15°	1863.3	1838.7	1779.0	1586.1	1401.9	1377.3	1335.2	1319.4	1338.7	1400.1	1542.2
17.5°	1842.3	1814.2	1740.5	1489.6	1345.7	1328.2	1298.3	1329.9	1438.7	1521.2	1568.5
20°	1814.2	1780.8	1696.6	1419.4	1305.3	1289.6	1275.5	1417.7	1500.1	1529.9	1556.2
22.5°	1780.8	1745.7	1637.0	1370.2	1263.2	1250.9	1259.7	1466.8	1500.1	1521.2	1543.9
25°	1736.9	1707.1	1566.8	1331.7	1229.9	1215.9	1249.2	1461.5	1480.8	1486.0	1531.6
27.5°	1696.6	1658.0	1493.1	1296.5	1189.5	1184.3	1258.0	1438.7	1452.7	1458.0	1507.1
30°	1647.4	1589.5	1410.6	1259.7	1147.4	1145.7	1259.7	1410.6	1407.1	1421.2	1470.2
32.5°	1596.6	1487.8	1317.6	1214.1	1107.0	1105.3	1247.4	1368.5	1365.0	1384.3	1421.2
35°	1549.3	1408.9	1191.3	1161.5	1056.2	1058.0	1217.6	1319.4	1321.1	1338.7	1361.5
37.5°	1500.1	1340.4	1052.7	1103.6	1007.1	1007.1	1177.2	1273.8	1270.3	1275.5	1307.1
40°	1442.2	1233.4	929.8	1028.1	961.5	956.2	1128.2	1224.6	1212.4	1210.6	1254.4
42.5°	1380.8	1115.9	838.6	928.1	908.8	901.8	1068.5	1165.0	1142.2	1147.4	1203.6
45°	1314.2	1084.3	768.4	784.2	854.4	849.2	1003.5	1096.6	1080.8	1094.8	1152.7
47.5°	1247.4	1021.2	745.7	650.9	796.5	794.8	931.6	1029.9	1021.2	1035.2	1096.6
50°	1156.2	951.0	743.9	557.9	731.6	738.6	845.7	965.0	965.0	977.3	1042.2
52.5°	1038.7	865.0	675.5	505.3	656.2	677.2	770.2	908.8	912.3	924.6	982.5
55°	931.6	775.5	626.4	465.0	566.7	612.3	696.5	850.9	857.9	870.2	922.9
57.5°	833.4	645.7	615.8	417.5	484.2	528.1	631.6	794.8	798.3	808.8	859.7
60°	728.1	466.7	565.0	366.7	412.3	445.6	572.0	728.1	740.4	747.4	791.3
62.5°	608.8	338.6	512.3	331.6	377.2	384.2	522.9	664.9	680.7	686.0	712.4
65°	433.4	284.2	435.1	301.8	340.4	342.1	470.2	600.0	614.1	622.8	642.2
67.5°	293.0	231.6	331.6	273.7	312.3	314.0	419.4	524.6	543.9	551.0	563.2
70°	203.5	154.4	245.7	243.9	280.7	284.2	364.9	456.2	473.7	479.0	486.0
72.5°	149.1	124.5	203.5	219.3	247.4	250.9	308.8	379.0	396.5	401.7	405.3
75°	114.1	131.6	164.9	191.2	210.5	212.3	252.6	308.8	321.1	324.6	326.3
77.5°	91.2	122.8	121.0	154.4	172.0	168.4	198.3	238.6	249.1	249.1	249.1
80°	68.5	96.5	91.2	110.6	126.4	122.8	142.1	170.2	173.7	177.2	175.5
82.5°	50.8	61.4	61.4	70.2	84.2	80.8	94.7	110.6	110.6	110.6	114.1
85°	31.6	35.1	28.1	36.9	47.4	45.6	52.7	59.6	61.4	61.4	57.9
87.5°	19.3	15.8	8.8	14.0	21.0	21.0	24.6	26.3	24.6	24.6	24.6
90°	35.2	24.3	13.5	24.3	35.2	37.9	59.6	88.4	102.9	91.5	68.6
92.5°	238.4	146.2	54.2	146.2	238.4	261.4	367.6	509.0	579.7	508.0	364.8
95°	467.1	298.6	130.0	298.6	467.1	509.3	904.3	1431.1	1694.4	1512.0	1147.2
97.5°	522.3	373.5	224.8	373.5	522.3	559.4	1218.1	2096.5	2535.6	2420.3	2189.8
100°	567.7	432.9	298.0	432.9	567.7	601.4	1332.4	2307.1	2794.3	2802.8	2819.6
102.5°	611.9	486.2	360.3	486.2	611.9	643.4	1384.8	2373.2	2867.5	3014.4	3308.1
105°	679.1	572.5	465.9	572.5	679.1	705.7	1423.6	2380.7	2859.3	3188.6	3847.2
107.5°	773.0	673.6	574.3	673.6	773.0	797.8	1430.8	2274.9	2696.9	3156.2	4074.8
110°	826.9	737.1	647.5	737.1	826.9	849.3	1419.9	2180.9	2561.3	3074.9	4101.9



TEST NUMBER: P935426

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	890.2	804.7	719.3	804.7	890.2	911.5	1420.4	2098.9	2438.1	2963.7	4014.8
115°	985.3	906.4	827.6	906.4	985.3	1005.0	1433.5	2004.8	2290.5	2796.8	3809.3
117.5°	1077.9	1006.2	934.6	1006.2	1077.9	1095.8	1460.1	1945.9	2188.9	2645.8	3559.6
120°	1131.8	1064.3	996.9	1064.3	1131.8	1148.6	1481.8	1926.1	2148.3	2565.8	3400.8
122.5°	1193.9	1125.9	1057.9	1125.9	1193.9	1210.9	1513.0	1915.8	2117.1	2493.1	3244.9
125°	1275.3	1213.3	1151.3	1213.3	1275.3	1290.9	1555.0	1907.1	2083.2	2402.5	3041.3
127.5°	1352.4	1289.8	1227.2	1289.8	1352.4	1368.0	1597.0	1902.2	2054.8	2328.9	2877.4
130°	1402.7	1335.3	1267.9	1335.3	1402.7	1419.5	1627.7	1905.2	2044.0	2288.0	2776.3
132.5°	1444.7	1377.2	1309.8	1377.2	1444.7	1461.5	1652.5	1907.1	2034.5	2253.0	2690.1
135°	1494.9	1433.5	1372.1	1433.5	1494.9	1510.3	1679.6	1905.4	2018.2	2201.3	2567.3
137.5°	1557.4	1496.6	1435.8	1496.6	1557.4	1572.5	1720.2	1917.1	2015.5	2170.2	2479.6
140°	1600.5	1544.5	1488.6	1544.5	1600.5	1614.6	1745.0	1919.0	2006.0	2139.6	2406.9
142.5°	1632.8	1581.0	1529.2	1581.0	1632.8	1645.7	1765.8	1926.0	2006.0	2123.4	2358.2
145°	1681.9	1636.7	1591.5	1636.7	1681.9	1693.1	1792.9	1926.0	1992.5	2088.5	2280.5
147.5°	1741.7	1697.8	1653.8	1697.8	1741.7	1752.7	1832.7	1939.2	1992.5	2068.0	2219.2
150°	1774.0	1734.2	1694.4	1734.2	1774.0	1783.9	1853.4	1946.1	1992.5	2056.3	2183.9
152.5°	1796.7	1766.6	1736.5	1766.6	1796.7	1804.2	1867.0	1950.7	1992.5	2047.0	2155.9
155°	1843.3	1821.1	1798.7	1821.1	1843.3	1848.9	1896.8	1960.6	1992.5	2035.9	2122.5
157.5°	1888.2	1866.5	1844.9	1866.5	1888.2	1893.6	1926.6	1970.5	1992.5	2026.2	2093.6
160°	1909.8	1892.8	1876.0	1892.8	1909.8	1913.9	1940.1	1975.1	1992.5	2021.4	2079.2
162.5°	1932.4	1919.8	1907.1	1919.8	1932.4	1935.6	1954.6	1979.9	1992.5	2016.9	2065.7
165°	1963.8	1952.4	1941.0	1952.4	1963.8	1966.7	1975.3	1986.8	1992.5	2010.0	2044.8
167.5°	1983.0	1977.6	1972.2	1977.6	1983.0	1984.3	1991.6	2001.2	2006.0	2017.5	2040.3
170°	2003.3	1997.9	1992.5	1997.9	2003.3	2004.6	2005.1	2005.7	2006.0	2017.5	2040.3
172.5°	2005.8	2004.5	2003.3	2004.5	2005.8	2006.0	2006.0	2006.0	2006.0	2015.1	2033.1
175°	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2014.1	2008.7	2006.0	2011.8	2023.2
177.5°	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2015.1	2010.8	2008.7	2013.3	2022.2
180°	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2



TEST NUMBER: P935426

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5
2.5°	1789.6	1784.4	1791.3	1772.1	1791.3	1784.4	1789.6	1801.9	1791.3	1798.4	1805.4
5°	1570.3	1561.5	1533.5	1510.6	1533.5	1561.5	1570.3	1607.2	1624.7	1656.3	1698.4
7.5°	1403.6	1396.6	1389.6	1375.5	1389.6	1396.6	1403.6	1414.1	1431.7	1459.7	1491.4
10°	1366.7	1368.5	1379.0	1377.3	1379.0	1368.5	1366.7	1363.3	1358.0	1363.3	1382.5
12.5°	1461.5	1477.3	1535.2	1531.6	1535.2	1477.3	1461.5	1391.3	1344.0	1335.2	1338.7
15°	1570.3	1575.5	1587.8	1589.5	1587.8	1575.5	1570.3	1542.2	1400.1	1338.7	1319.4
17.5°	1580.8	1582.6	1591.3	1591.3	1591.3	1582.6	1580.8	1568.5	1521.2	1438.7	1329.9
20°	1572.0	1575.5	1593.1	1596.6	1593.1	1575.5	1572.0	1556.2	1529.9	1500.1	1417.7
22.5°	1568.5	1575.5	1589.5	1587.8	1589.5	1575.5	1568.5	1543.9	1521.2	1500.1	1466.8
25°	1551.0	1551.0	1552.7	1554.5	1552.7	1551.0	1551.0	1531.6	1486.0	1480.8	1461.5
27.5°	1514.1	1517.6	1528.2	1526.4	1528.2	1517.6	1514.1	1507.1	1458.0	1452.7	1438.7
30°	1480.8	1477.3	1468.5	1461.5	1468.5	1477.3	1480.8	1470.2	1421.2	1407.1	1410.6
32.5°	1424.6	1415.8	1407.1	1401.9	1407.1	1415.8	1424.6	1421.2	1384.3	1365.0	1368.5
35°	1358.0	1359.8	1358.0	1352.7	1358.0	1359.8	1358.0	1361.5	1338.7	1321.1	1319.4
37.5°	1310.6	1314.2	1312.3	1305.3	1312.3	1314.2	1310.6	1307.1	1275.5	1270.3	1273.8
40°	1261.5	1263.2	1261.5	1256.3	1261.5	1263.2	1261.5	1254.4	1210.6	1212.4	1224.6
42.5°	1214.1	1212.4	1207.1	1203.6	1207.1	1212.4	1214.1	1203.6	1147.4	1142.2	1165.0
45°	1159.7	1161.5	1150.9	1145.7	1150.9	1161.5	1159.7	1152.7	1094.8	1080.8	1096.6
47.5°	1105.3	1105.3	1096.6	1091.3	1096.6	1105.3	1105.3	1096.6	1035.2	1021.2	1029.9
50°	1047.4	1045.7	1033.4	1031.6	1033.4	1045.7	1047.4	1042.2	977.3	965.0	965.0
52.5°	980.8	980.8	982.5	986.0	982.5	980.8	980.8	982.5	924.6	912.3	908.8
55°	922.9	924.6	936.9	940.4	936.9	924.6	922.9	922.9	870.2	857.9	850.9
57.5°	863.2	863.2	871.9	871.9	871.9	863.2	863.2	859.7	808.8	798.3	794.8
60°	794.8	798.3	805.3	803.6	805.3	798.3	794.8	791.3	747.4	740.4	728.1
62.5°	722.8	726.4	728.1	724.6	728.1	726.4	722.8	712.4	686.0	680.7	664.9
65°	647.4	650.9	652.6	649.1	652.6	650.9	647.4	642.2	622.8	614.1	600.0
67.5°	570.2	568.5	566.7	573.7	566.7	568.5	570.2	563.2	551.0	543.9	524.6
70°	491.2	491.2	489.5	493.0	489.5	491.2	491.2	486.0	479.0	473.7	456.2
72.5°	407.1	405.3	412.3	407.1	412.3	405.3	407.1	405.3	401.7	396.5	379.0
75°	324.6	328.1	324.6	329.8	324.6	328.1	324.6	326.3	324.6	321.1	308.8
77.5°	247.4	250.9	247.4	247.4	247.4	250.9	247.4	249.1	249.1	249.1	238.6
80°	175.5	173.7	173.7	172.0	173.7	173.7	175.5	175.5	177.2	173.7	170.2
82.5°	112.3	110.6	110.6	114.1	110.6	110.6	112.3	114.1	110.6	110.6	110.6
85°	61.4	63.1	59.6	59.6	59.6	63.1	61.4	57.9	61.4	61.4	59.6
87.5°	22.8	21.0	21.0	21.0	21.0	21.0	22.8	24.6	24.6	24.6	26.3
90°	51.5	51.5	51.5	51.5	51.5	51.5	51.5	68.6	91.5	102.9	88.4
92.5°	257.3	247.1	206.1	165.3	206.1	247.1	257.3	364.8	508.0	579.7	509.0
95°	873.7	842.6	718.6	594.6	718.6	842.6	873.7	1147.2	1512.0	1694.4	1431.1
97.5°	2016.8	1957.8	1721.8	1485.9	1721.8	1957.8	2016.8	2189.8	2420.3	2535.6	2096.5
100°	2832.3	2762.0	2480.8	2199.7	2480.8	2762.0	2832.3	2819.6	2802.8	2794.3	2307.1
102.5°	3528.5	3468.3	3227.5	2986.7	3227.5	3468.3	3528.5	3308.1	3014.4	2867.5	2373.2
105°	4341.2	4308.8	4179.4	4050.0	4179.4	4308.8	4341.2	3847.2	3188.6	2859.3	2380.7
107.5°	4763.7	4771.6	4802.9	4834.2	4802.9	4771.6	4763.7	4074.8	3156.2	2696.9	2274.9
110°	4872.1	4905.9	5040.7	5175.5	5040.7	4905.9	4872.1	4101.9	3074.9	2561.3	2180.9



TEST NUMBER: P935426

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	4803.1	4854.9	5061.9	5269.0	5061.9	4854.9	4803.1	4014.8	2963.7	2438.1	2098.9
115°	4568.8	4640.5	4927.7	5214.9	4927.7	4640.5	4568.8	3809.3	2796.8	2290.5	2004.8
117.5°	4245.0	4324.6	4643.1	4961.5	4643.1	4324.6	4245.0	3559.6	2645.8	2188.9	1945.9
120°	4027.0	4104.3	4413.7	4723.1	4413.7	4104.3	4027.0	3400.8	2565.8	2148.3	1926.1
122.5°	3808.9	3885.2	4190.4	4495.6	4190.4	3885.2	3808.9	3244.9	2493.1	2117.1	1915.8
125°	3520.3	3590.6	3871.7	4152.9	3871.7	3590.6	3520.3	3041.3	2402.5	2083.2	1907.1
127.5°	3288.7	3348.0	3585.2	3822.4	3585.2	3348.0	3288.7	2877.4	2328.9	2054.8	1902.2
130°	3142.5	3197.2	3416.4	3635.5	3416.4	3197.2	3142.5	2776.3	2288.0	2044.0	1905.2
132.5°	3017.8	3066.9	3263.2	3459.4	3263.2	3066.9	3017.8	2690.1	2253.0	2034.5	1907.1
135°	2841.8	2884.1	3053.2	3222.3	3053.2	2884.1	2841.8	2567.3	2201.3	2018.2	1905.4
137.5°	2711.7	2746.3	2884.8	3023.3	2884.8	2746.3	2711.7	2479.6	2170.2	2015.5	1917.1
140°	2607.4	2639.7	2769.2	2898.6	2769.2	2639.7	2607.4	2406.9	2139.6	2006.0	1919.0
142.5°	2534.3	2562.1	2673.5	2784.8	2673.5	2562.1	2534.3	2358.2	2123.4	2006.0	1926.0
145°	2424.5	2445.6	2529.9	2614.2	2529.9	2445.6	2424.5	2280.5	2088.5	1992.5	1926.0
147.5°	2332.4	2349.9	2419.7	2489.6	2419.7	2349.9	2332.4	2219.2	2068.0	1992.5	1939.2
150°	2279.6	2293.7	2350.4	2407.0	2350.4	2293.7	2279.6	2183.9	2056.3	1992.5	1946.1
152.5°	2237.6	2248.4	2291.1	2333.8	2291.1	2248.4	2237.6	2155.9	2047.0	1992.5	1950.7
155°	2187.5	2194.6	2222.9	2251.2	2222.9	2194.6	2187.5	2122.5	2035.9	1992.5	1960.6
157.5°	2144.2	2149.1	2169.0	2188.9	2169.0	2149.1	2144.2	2093.6	2026.2	1992.5	1970.5
160°	2122.5	2125.4	2136.8	2148.3	2136.8	2125.4	2122.5	2079.2	2021.4	1992.5	1975.1
162.5°	2102.2	2104.9	2115.7	2126.5	2115.7	2104.9	2102.2	2065.7	2016.9	1992.5	1979.9
165°	2071.0	2073.9	2085.3	2096.8	2085.3	2073.9	2071.0	2044.8	2010.0	1992.5	1986.8
167.5°	2057.5	2058.7	2063.5	2068.3	2063.5	2058.7	2057.5	2040.3	2017.5	2006.0	2001.2
170°	2057.5	2057.5	2057.5	2057.5	2057.5	2057.5	2057.5	2040.3	2017.5	2006.0	2005.7
172.5°	2046.7	2045.6	2041.3	2037.2	2041.3	2045.6	2046.7	2033.1	2015.1	2006.0	2006.0
175°	2031.8	2031.8	2031.8	2031.8	2031.8	2031.8	2031.8	2023.2	2011.8	2006.0	2008.7
177.5°	2029.0	2027.8	2023.0	2018.2	2023.0	2027.8	2029.0	2022.2	2013.3	2008.7	2010.8
180°	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2



TEST NUMBER: P935426

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1854.5	1854.5	1854.5	1854.5	1854.5
2.5°	1831.7	1840.4	1845.7	1852.7	1870.3
5°	1761.5	1794.8	1805.4	1831.7	1863.3
7.5°	1607.2	1708.8	1736.9	1800.1	1849.2
10°	1458.0	1559.7	1608.9	1758.0	1831.7
12.5°	1382.5	1442.2	1475.6	1684.3	1807.1
15°	1335.2	1377.3	1401.9	1586.1	1779.0
17.5°	1298.3	1328.2	1345.7	1489.6	1740.5
20°	1275.5	1289.6	1305.3	1419.4	1696.6
22.5°	1259.7	1250.9	1263.2	1370.2	1637.0
25°	1249.2	1215.9	1229.9	1331.7	1566.8
27.5°	1258.0	1184.3	1189.5	1296.5	1493.1
30°	1259.7	1145.7	1147.4	1259.7	1410.6
32.5°	1247.4	1105.3	1107.0	1214.1	1317.6
35°	1217.6	1058.0	1056.2	1161.5	1191.3
37.5°	1177.2	1007.1	1007.1	1103.6	1052.7
40°	1128.2	956.2	961.5	1028.1	929.8
42.5°	1068.5	901.8	908.8	928.1	838.6
45°	1003.5	849.2	854.4	784.2	768.4
47.5°	931.6	794.8	796.5	650.9	745.7
50°	845.7	738.6	731.6	557.9	743.9
52.5°	770.2	677.2	656.2	505.3	675.5
55°	696.5	612.3	566.7	465.0	626.4
57.5°	631.6	528.1	484.2	417.5	615.8
60°	572.0	445.6	412.3	366.7	565.0
62.5°	522.9	384.2	377.2	331.6	512.3
65°	470.2	342.1	340.4	301.8	435.1
67.5°	419.4	314.0	312.3	273.7	331.6
70°	364.9	284.2	280.7	243.9	245.7
72.5°	308.8	250.9	247.4	219.3	203.5
75°	252.6	212.3	210.5	191.2	164.9
77.5°	198.3	168.4	172.0	154.4	121.0
80°	142.1	122.8	126.4	110.6	91.2
82.5°	94.7	80.8	84.2	70.2	61.4
85°	52.7	45.6	47.4	36.9	28.1
87.5°	24.6	21.0	21.0	14.0	8.8
90°	59.6	37.9	35.2	24.3	13.5
92.5°	367.6	261.4	238.4	146.2	54.2
95°	904.3	509.3	467.1	298.6	130.0
97.5°	1218.1	559.4	522.3	373.5	224.8
100°	1332.4	601.4	567.7	432.9	298.0
102.5°	1384.8	643.4	611.9	486.2	360.3
105°	1423.6	705.7	679.1	572.5	465.9
107.5°	1430.8	797.8	773.0	673.6	574.3
110°	1419.9	849.3	826.9	737.1	647.5



TEST NUMBER: P935426

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1420.4	911.5	890.2	804.7	719.3
115°	1433.5	1005.0	985.3	906.4	827.6
117.5°	1460.1	1095.8	1077.9	1006.2	934.6
120°	1481.8	1148.6	1131.8	1064.3	996.9
122.5°	1513.0	1210.9	1193.9	1125.9	1057.9
125°	1555.0	1290.9	1275.3	1213.3	1151.3
127.5°	1597.0	1368.0	1352.4	1289.8	1227.2
130°	1627.7	1419.5	1402.7	1335.3	1267.9
132.5°	1652.5	1461.5	1444.7	1377.2	1309.8
135°	1679.6	1510.3	1494.9	1433.5	1372.1
137.5°	1720.2	1572.5	1557.4	1496.6	1435.8
140°	1745.0	1614.6	1600.5	1544.5	1488.6
142.5°	1765.8	1645.7	1632.8	1581.0	1529.2
145°	1792.9	1693.1	1681.9	1636.7	1591.5
147.5°	1832.7	1752.7	1741.7	1697.8	1653.8
150°	1853.4	1783.9	1774.0	1734.2	1694.4
152.5°	1867.0	1804.2	1796.7	1766.6	1736.5
155°	1896.8	1848.9	1843.3	1821.1	1798.7
157.5°	1926.6	1893.6	1888.2	1866.5	1844.9
160°	1940.1	1913.9	1909.8	1892.8	1876.0
162.5°	1954.6	1935.6	1932.4	1919.8	1907.1
165°	1975.3	1966.7	1963.8	1952.4	1941.0
167.5°	1991.6	1984.3	1983.0	1977.6	1972.2
170°	2005.1	2004.6	2003.3	1997.9	1992.5
172.5°	2006.0	2006.0	2005.8	2004.5	2003.3
175°	2014.1	2018.2	2018.2	2018.2	2018.2
177.5°	2015.1	2018.2	2018.2	2018.2	2018.2
180°	2018.2	2018.2	2018.2	2018.2	2018.2



TEST NUMBER: P935426
 CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-12-3000K

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	8.23	8.91	9.36	10.04	11.60	11.08	11.76	12.21	12.89	14.45
	3H	8.69	9.30	9.83	10.44	12.02	12.42	13.03	13.56	14.16	15.74
	4H	8.87	9.45	10.02	10.59	12.18	12.86	13.44	14.01	14.57	16.16
	6H	8.98	9.52	10.14	10.65	12.25	13.14	13.67	14.30	14.81	16.41
	8H	8.98	9.49	10.14	10.64	12.23	13.21	13.72	14.37	14.87	16.46
	12H	8.94	9.43	10.11	10.57	12.18	13.24	13.73	14.41	14.87	16.49
4H	2H	9.24	9.82	10.40	10.96	12.54	11.46	12.05	12.62	13.18	14.77
	3H	10.25	10.74	11.41	11.90	13.50	12.96	13.44	14.12	14.60	16.20
	4H	10.52	10.97	11.69	12.11	13.73	13.48	13.93	14.65	15.08	16.70
	6H	10.63	11.02	11.81	12.19	13.80	13.84	14.23	15.02	15.40	17.01
	8H	10.64	10.99	11.81	12.16	13.78	13.95	14.31	15.12	15.47	17.09
	12H	10.59	10.92	11.78	12.09	13.72	14.00	14.33	15.19	15.50	17.13
8H	4H	10.96	11.32	12.13	12.48	14.11	13.59	13.95	14.76	15.11	16.74
	6H	11.22	11.51	12.41	12.72	14.34	14.03	14.32	15.22	15.53	17.15
	8H	11.26	11.51	12.45	12.70	14.34	14.18	14.44	15.38	15.62	17.26
	12H	11.23	11.46	12.43	12.64	14.31	14.28	14.50	15.47	15.68	17.36
12H	4H	10.96	11.29	12.15	12.46	14.09	13.55	13.87	14.73	15.05	16.68
	6H	11.28	11.53	12.47	12.72	14.36	14.02	14.28	15.22	15.46	17.11
	8H	11.34	11.56	12.53	12.74	14.42	14.18	14.41	15.38	15.58	17.26