

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: P935425

Luminaire Tested: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-12-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935425
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-12-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

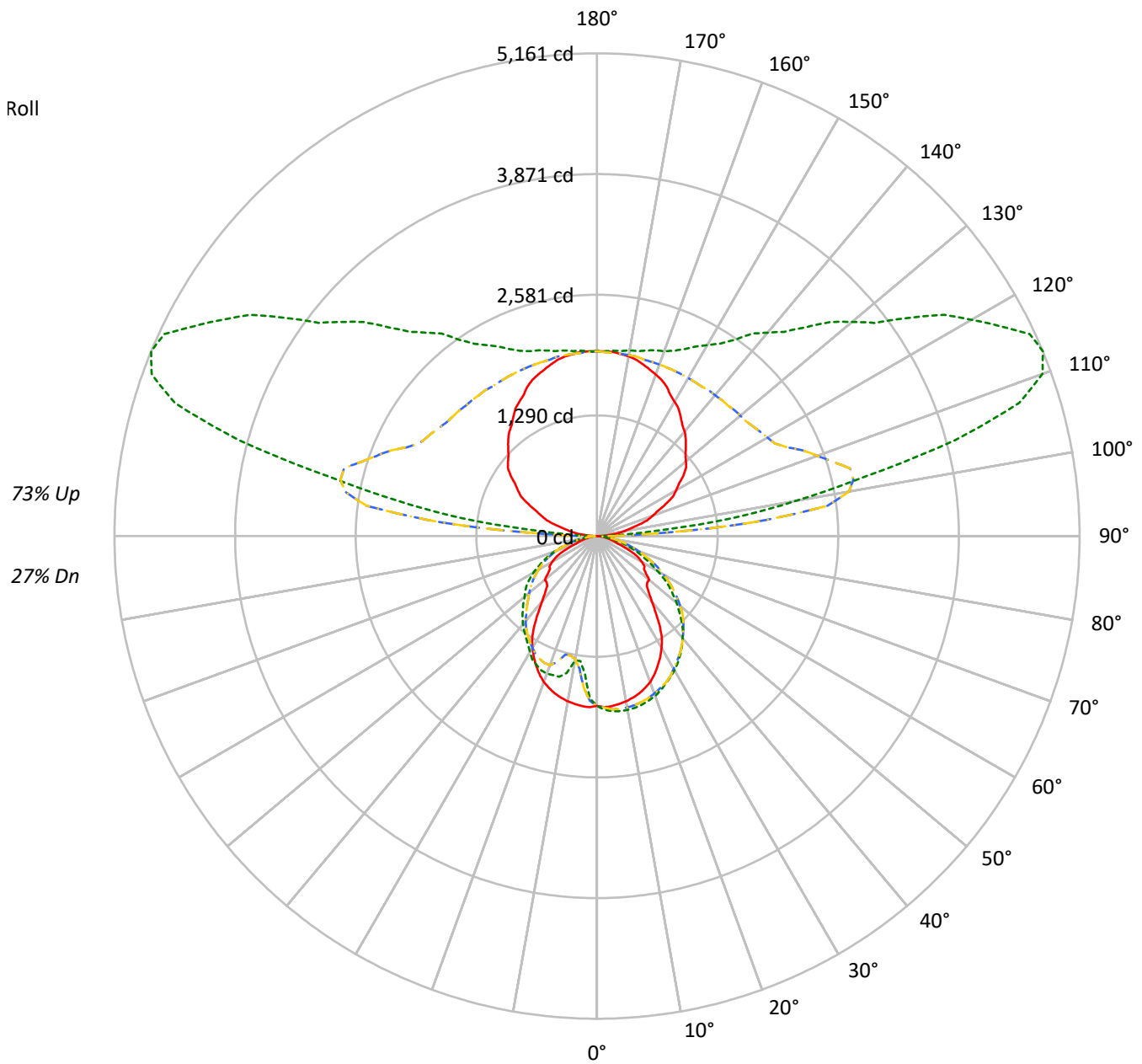
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17531.9 lumens
Efficiency: N/A
Efficacy: 122.8 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 (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				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	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°	5618	5618	5618	5618
5°	5662	5671	5662	4459
10°	5627	5587	5627	3994
15°	5567	5466	5567	4564
20°	5453	5322	5453	4573
25°	5217	5113	5217	4477
30°	4911	4939	4911	4264
35°	4380	4720	4380	4030
40°	3652	4461	3652	3853
45°	3265	4159	3265	3650
50°	3472	3798	3472	3446
55°	3269	3409	3269	3328
60°	3375	2895	3375	3048
65°	3065	2393	3065	2675
70°	2127	1908	2127	2243
75°	1872	1410	1872	1688
80°	1519	932	1519	1015
85°	891	494	891	419

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5002 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	164.0	0.9
10°-20°	465.5	2.7
20°-30°	719.6	4.1
30°-40°	859.1	4.9
40°-50°	864.1	4.9
50°-60°	751.9	4.3
60°-70°	533.1	3.0
70°-80°	282.0	1.6
80°-90°	77.8	0.4
90°-100°	963.6	5.5
100°-110°	2533.3	14.4
110°-120°	2626.8	15.0
120°-130°	2107.0	12.0
130°-140°	1653.2	9.4
140°-150°	1268.9	7.2
150°-160°	913.8	5.2
160°-170°	559.1	3.2
170°-180°	188.9	1.1
0°-30°	1349.1	7.7
0°-40°	2208.2	12.6
0°-60°	3824.3	21.8
0°-90°	4717.2	26.9
90°-120°	6123.6	34.9
90°-150°	11152.7	63.6
90°-180°	12815.0	73.1
0°-180°	17531.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1816	1816	1816	1816	1816	
5°	1825	1882	1825	1480	1825	173
15°	1742	1865	1742	1557	1742	490
25°	1535	1739	1535	1523	1535	705
35°	1167	1552	1167	1325	1167	722
45°	753	1278	753	1122	753	603
55°	614	944	614	921	614	564
65°	426	569	426	636	426	407
75°	162	270	162	323	162	170
85°	28	69	28	58	28	37
90°	13	50	13	50	13	12
95°	127	582	127	582	127	141
105°	456	3967	456	3967	456	484
115°	811	5108	811	5108	811	801
125°	1128	4068	1128	4068	1128	1001
135°	1344	3156	1344	3156	1344	1040
145°	1559	2560	1559	2560	1559	977
155°	1762	2205	1762	2205	1762	810
165°	1901	2054	1901	2054	1901	537
175°	1977	1990	1977	1990	1977	188
180°	1977	1977	1977	1977	1977	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1816.4	1816.4	1816.4	1816.4	1816.4	1816.4	1816.4	1816.4	1816.4	1816.4	1816.4
2.5°	1831.8	1831.8	1842.2	1845.6	1845.6	1840.5	1835.4	1840.5	1855.9	1861.1	1859.4
5°	1825.0	1838.8	1857.6	1861.1	1864.6	1862.9	1859.4	1862.9	1880.0	1883.4	1885.1
7.5°	1811.3	1837.1	1861.1	1866.3	1871.4	1866.3	1864.6	1868.0	1885.1	1888.6	1888.6
10°	1794.1	1830.1	1857.6	1861.1	1866.3	1861.1	1861.1	1868.0	1885.1	1888.6	1890.4
12.5°	1770.0	1819.9	1845.6	1849.1	1855.9	1854.2	1852.5	1859.4	1876.6	1880.0	1880.0
15°	1742.5	1800.9	1825.0	1828.4	1840.5	1837.1	1837.1	1843.9	1862.9	1868.0	1866.3
17.5°	1704.8	1776.9	1804.4	1809.6	1818.2	1816.4	1818.2	1825.0	1842.2	1845.6	1847.4
20°	1661.8	1744.2	1776.9	1782.1	1790.7	1790.7	1790.7	1799.2	1816.4	1823.3	1823.3
22.5°	1603.4	1709.9	1744.2	1747.7	1758.0	1758.0	1761.5	1773.4	1788.9	1790.7	1790.7
25°	1534.6	1672.0	1701.3	1711.6	1721.9	1727.0	1732.3	1739.1	1744.2	1742.5	1744.2
27.5°	1462.4	1624.0	1661.8	1668.6	1682.4	1687.5	1694.4	1696.1	1697.8	1703.0	1699.5
30°	1381.6	1556.9	1613.6	1620.5	1642.8	1646.3	1639.4	1642.8	1651.5	1654.9	1658.3
32.5°	1290.6	1457.2	1563.8	1579.3	1599.9	1589.6	1587.8	1593.0	1606.8	1606.8	1610.2
35°	1166.8	1379.9	1517.4	1531.2	1546.7	1534.6	1541.4	1543.2	1551.8	1556.9	1555.2
37.5°	1031.1	1312.9	1469.3	1479.6	1491.6	1476.2	1486.4	1491.6	1498.5	1495.1	1495.1
40°	910.8	1208.1	1412.6	1419.5	1429.7	1417.8	1428.0	1431.5	1434.9	1431.5	1429.7
42.5°	821.4	1092.9	1352.4	1361.1	1354.1	1362.8	1366.2	1373.1	1367.9	1361.1	1361.1
45°	752.7	1062.0	1287.2	1297.4	1287.2	1300.9	1306.0	1306.0	1290.6	1287.2	1285.4
47.5°	730.4	1000.2	1221.8	1221.8	1216.7	1233.9	1242.4	1230.5	1215.0	1209.8	1209.8
50°	728.7	931.4	1132.5	1125.6	1149.7	1170.2	1161.7	1149.7	1137.6	1118.7	1118.7
52.5°	661.6	847.2	1017.4	1043.1	1080.9	1092.9	1079.2	1067.1	1046.6	1037.9	1031.1
55°	613.5	759.6	912.5	964.1	1003.6	1019.1	993.3	981.2	950.3	945.2	941.8
57.5°	603.2	632.4	816.3	881.5	929.7	928.0	912.5	890.2	864.4	859.3	857.5
60°	553.4	457.1	713.2	790.5	840.3	835.2	821.4	800.8	776.7	773.3	769.9
62.5°	501.8	331.7	596.3	684.0	754.4	752.7	740.7	709.7	692.5	684.0	677.1
65°	426.2	278.4	424.5	568.8	670.2	673.7	647.9	625.6	606.6	596.3	594.6
67.5°	324.8	226.9	287.0	474.3	589.4	586.0	553.4	543.1	519.0	513.8	503.5
70°	240.6	151.3	199.4	385.0	510.4	501.8	476.0	464.0	441.7	429.6	422.7
72.5°	199.4	122.0	146.1	299.0	429.6	419.3	397.0	383.2	364.3	354.0	347.1
75°	161.5	128.9	111.7	221.6	348.8	342.0	321.3	307.6	292.1	278.4	280.1
77.5°	118.6	120.3	89.3	163.2	276.7	266.4	254.4	237.2	230.3	216.5	216.5
80°	89.3	94.6	67.0	111.7	199.4	199.4	189.0	177.0	164.9	158.1	158.1
82.5°	60.1	60.1	49.8	70.5	135.7	130.6	123.8	120.3	113.4	110.0	110.0
85°	27.5	34.3	30.9	43.0	73.9	77.3	77.3	73.9	72.2	68.8	70.5
87.5°	8.6	15.5	18.9	24.1	37.8	39.5	41.3	41.3	41.3	43.0	43.0
90°	13.2	23.8	34.5	37.2	58.3	86.6	100.8	89.6	67.2	50.4	50.4
92.5°	53.0	143.2	233.5	256.1	360.0	498.6	567.8	497.6	357.3	252.1	242.1
95°	127.4	292.5	457.6	498.8	885.7	1401.7	1659.7	1481.0	1123.7	855.8	825.3
97.5°	220.2	365.8	511.5	547.9	1193.1	2053.4	2483.5	2370.6	2144.8	1975.4	1917.6
100°	291.9	424.0	556.0	589.1	1305.0	2259.7	2737.0	2745.3	2761.7	2774.1	2705.3
102.5°	352.9	476.2	599.3	630.2	1356.4	2324.5	2808.6	2952.5	3240.2	3456.1	3397.1
105°	456.4	560.7	665.1	691.2	1394.4	2331.9	2800.6	3123.1	3768.2	4252.0	4220.3
107.5°	562.5	659.8	757.1	781.4	1401.5	2228.2	2641.5	3091.3	3991.1	4665.9	4673.6
110°	634.2	722.0	809.9	831.8	1390.8	2136.1	2508.7	3011.7	4017.6	4772.1	4805.2



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	704.5	788.2	871.9	892.8	1391.2	2055.8	2388.1	2902.8	3932.3	4704.5	4755.2
115°	810.6	887.8	965.1	984.4	1404.1	1963.6	2243.5	2739.4	3731.1	4474.9	4545.2
117.5°	915.5	985.6	1055.8	1073.3	1430.2	1906.0	2143.9	2591.5	3486.6	4157.8	4235.8
120°	976.4	1042.5	1108.6	1125.1	1451.4	1886.6	2104.1	2513.1	3330.9	3944.3	4020.0
122.5°	1036.1	1102.8	1169.4	1186.0	1481.9	1876.4	2073.7	2441.9	3178.3	3730.7	3805.4
125°	1127.7	1188.4	1249.2	1264.4	1523.1	1868.0	2040.4	2353.2	2978.9	3448.0	3516.9
127.5°	1202.0	1263.3	1324.7	1340.0	1564.2	1863.1	2012.6	2281.1	2818.3	3221.2	3279.3
130°	1241.8	1307.8	1373.9	1390.3	1594.2	1866.1	2002.0	2241.1	2719.3	3077.9	3131.6
132.5°	1282.9	1348.9	1415.0	1431.5	1618.6	1868.0	1992.7	2206.7	2634.8	2955.9	3004.0
135°	1344.0	1404.1	1464.2	1479.3	1645.1	1866.3	1976.8	2156.1	2514.6	2783.4	2824.9
137.5°	1406.3	1465.9	1525.4	1540.2	1684.9	1877.7	1974.1	2125.7	2428.7	2656.0	2689.9
140°	1458.0	1512.8	1567.7	1581.4	1709.2	1879.6	1964.8	2095.7	2357.5	2553.8	2585.5
142.5°	1497.8	1548.5	1599.3	1611.9	1729.5	1886.4	1964.8	2079.8	2309.8	2482.3	2509.5
145°	1558.9	1603.1	1647.4	1658.4	1756.1	1886.4	1951.6	2045.6	2233.7	2374.7	2395.4
147.5°	1619.9	1662.9	1705.9	1716.7	1795.0	1899.4	1951.6	2025.6	2173.6	2284.5	2301.6
150°	1659.7	1698.6	1737.6	1747.3	1815.4	1906.2	1951.6	2014.1	2139.1	2232.8	2246.6
152.5°	1700.8	1730.3	1759.8	1767.2	1828.7	1910.6	1951.6	2005.0	2111.7	2191.7	2202.2
155°	1761.8	1783.7	1805.5	1810.9	1857.8	1920.3	1951.6	1994.0	2078.9	2142.6	2149.5
157.5°	1807.0	1828.2	1849.4	1854.7	1887.0	1930.1	1951.6	1984.6	2050.6	2100.1	2105.0
160°	1837.5	1854.0	1870.5	1874.6	1900.3	1934.5	1951.6	1979.9	2036.5	2078.9	2081.8
162.5°	1868.0	1880.4	1892.7	1895.8	1914.4	1939.2	1951.6	1975.5	2023.3	2059.0	2061.7
165°	1901.1	1912.3	1923.5	1926.3	1934.8	1946.0	1951.6	1968.7	2002.8	2028.5	2031.3
167.5°	1931.7	1937.0	1942.3	1943.6	1950.7	1960.1	1964.8	1976.0	1998.4	2015.2	2016.4
170°	1951.6	1956.9	1962.2	1963.5	1963.9	1964.5	1964.8	1976.0	1998.4	2015.2	2015.2
172.5°	1962.2	1963.4	1964.6	1964.8	1964.8	1964.8	1964.8	1973.7	1991.4	2004.6	2003.6
175°	1976.8	1976.8	1976.8	1976.8	1972.8	1967.5	1964.8	1970.5	1981.7	1990.0	1990.0
177.5°	1976.8	1976.8	1976.8	1976.8	1973.7	1969.5	1967.5	1971.9	1980.7	1987.4	1986.2
180°	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1816.4	1816.4	1816.4	1816.4	1816.4	1816.4	1816.4	1816.4	1816.4	1816.4	1816.4
2.5°	1862.9	1857.6	1862.9	1859.4	1861.1	1855.9	1840.5	1835.4	1840.5	1845.6	1845.6
5°	1885.1	1881.7	1885.1	1885.1	1883.4	1880.0	1862.9	1859.4	1862.9	1864.6	1861.1
7.5°	1892.1	1886.9	1892.1	1888.6	1888.6	1885.1	1868.0	1864.6	1866.3	1871.4	1866.3
10°	1892.1	1886.9	1892.1	1890.4	1888.6	1885.1	1868.0	1861.1	1861.1	1866.3	1861.1
12.5°	1883.4	1880.0	1883.4	1880.0	1880.0	1876.6	1859.4	1852.5	1854.2	1855.9	1849.1
15°	1869.7	1864.6	1869.7	1866.3	1868.0	1862.9	1843.9	1837.1	1837.1	1840.5	1828.4
17.5°	1849.1	1842.2	1849.1	1847.4	1845.6	1842.2	1825.0	1818.2	1816.4	1818.2	1809.6
20°	1825.0	1819.9	1825.0	1823.3	1823.3	1816.4	1799.2	1790.7	1790.7	1790.7	1782.1
22.5°	1787.2	1782.1	1787.2	1790.7	1790.7	1788.9	1773.4	1761.5	1758.0	1758.0	1747.7
25°	1744.2	1739.1	1744.2	1744.2	1742.5	1744.2	1739.1	1732.3	1727.0	1721.9	1711.6
27.5°	1703.0	1699.5	1703.0	1699.5	1703.0	1697.8	1696.1	1694.4	1687.5	1682.4	1668.6
30°	1661.8	1658.3	1661.8	1658.3	1654.9	1651.5	1642.8	1639.4	1646.3	1642.8	1620.5
32.5°	1610.2	1606.8	1610.2	1610.2	1606.8	1606.8	1593.0	1587.8	1589.6	1599.9	1579.3
35°	1556.9	1551.8	1556.9	1555.2	1556.9	1551.8	1543.2	1541.4	1534.6	1546.7	1531.2
37.5°	1495.1	1489.9	1495.1	1495.1	1495.1	1498.5	1491.6	1486.4	1476.2	1491.6	1479.6
40°	1431.5	1424.6	1431.5	1429.7	1431.5	1434.9	1431.5	1428.0	1417.8	1429.7	1419.5
42.5°	1359.3	1357.6	1359.3	1361.1	1361.1	1367.9	1373.1	1366.2	1362.8	1354.1	1361.1
45°	1282.0	1278.5	1282.0	1285.4	1287.2	1290.6	1306.0	1306.0	1300.9	1287.2	1297.4
47.5°	1199.5	1190.9	1199.5	1209.8	1209.8	1215.0	1230.5	1242.4	1233.9	1216.7	1221.8
50°	1111.8	1113.5	1111.8	1118.7	1118.7	1137.6	1149.7	1161.7	1170.2	1149.7	1125.6
52.5°	1025.9	1024.2	1025.9	1031.1	1037.9	1046.6	1067.1	1079.2	1092.9	1080.9	1043.1
55°	940.0	943.5	940.0	941.8	945.2	950.3	981.2	993.3	1019.1	1003.6	964.1
57.5°	854.0	848.9	854.0	857.5	859.3	864.4	890.2	912.5	928.0	929.7	881.5
60°	754.4	747.5	754.4	769.9	773.3	776.7	800.8	821.4	835.2	840.3	790.5
62.5°	666.7	654.8	666.7	677.1	684.0	692.5	709.7	740.7	752.7	754.4	684.0
65°	574.0	568.8	574.0	594.6	596.3	606.6	625.6	647.9	673.7	670.2	568.8
67.5°	489.8	489.8	489.8	503.5	513.8	519.0	543.1	553.4	586.0	589.4	474.3
70°	412.5	410.8	412.5	422.7	429.6	441.7	464.0	476.0	501.8	510.4	385.0
72.5°	338.6	336.8	338.6	347.1	354.0	364.3	383.2	397.0	419.3	429.6	299.0
75°	273.2	269.8	273.2	280.1	278.4	292.1	307.6	321.3	342.0	348.8	221.6
77.5°	209.7	209.7	209.7	216.5	216.5	230.3	237.2	254.4	266.4	276.7	163.2
80°	156.4	154.7	156.4	158.1	158.1	164.9	177.0	189.0	199.4	199.4	111.7
82.5°	110.0	106.5	110.0	110.0	110.0	113.4	120.3	123.8	130.6	135.7	70.5
85°	68.8	68.8	68.8	70.5	68.8	72.2	73.9	77.3	77.3	73.9	43.0
87.5°	44.7	43.0	44.7	43.0	43.0	41.3	41.3	41.3	39.5	37.8	24.1
90°	50.4	50.4	50.4	50.4	50.4	67.2	89.6	100.8	86.6	58.3	37.2
92.5°	201.9	161.9	201.9	242.1	252.1	357.3	497.6	567.8	498.6	360.0	256.1
95°	703.9	582.4	703.9	825.3	855.8	1123.7	1481.0	1659.7	1401.7	885.7	498.8
97.5°	1686.5	1455.3	1686.5	1917.6	1975.4	2144.8	2370.6	2483.5	2053.4	1193.1	547.9
100°	2429.9	2154.5	2429.9	2705.3	2774.1	2761.7	2745.3	2737.0	2259.7	1305.0	589.1
102.5°	3161.2	2925.4	3161.2	3397.1	3456.1	3240.2	2952.5	2808.6	2324.5	1356.4	630.2
105°	4093.6	3966.8	4093.6	4220.3	4252.0	3768.2	3123.1	2800.6	2331.9	1394.4	691.2
107.5°	4704.3	4734.9	4704.3	4673.6	4665.9	3991.1	3091.3	2641.5	2228.2	1401.5	781.4
110°	4937.2	5069.2	4937.2	4805.2	4772.1	4017.6	3011.7	2508.7	2136.1	1390.8	831.8



TEST NUMBER: P935425

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	4958.0	5160.8	4958.0	4755.2	4704.5	3932.3	2902.8	2388.1	2055.8	1391.2	892.8
115°	4826.5	5107.8	4826.5	4545.2	4474.9	3731.1	2739.4	2243.5	1963.6	1404.1	984.4
117.5°	4547.7	4859.6	4547.7	4235.8	4157.8	3486.6	2591.5	2143.9	1906.0	1430.2	1073.3
120°	4323.1	4626.1	4323.1	4020.0	3944.3	3330.9	2513.1	2104.1	1886.6	1451.4	1125.1
122.5°	4104.3	4403.3	4104.3	3805.4	3730.7	3178.3	2441.9	2073.7	1876.4	1481.9	1186.0
125°	3792.2	4067.6	3792.2	3516.9	3448.0	2978.9	2353.2	2040.4	1868.0	1523.1	1264.4
127.5°	3511.6	3743.9	3511.6	3279.3	3221.2	2818.3	2281.1	2012.6	1863.1	1564.2	1340.0
130°	3346.2	3560.9	3346.2	3131.6	3077.9	2719.3	2241.1	2002.0	1866.1	1594.2	1390.3
132.5°	3196.1	3388.3	3196.1	3004.0	2955.9	2634.8	2206.7	1992.7	1868.0	1618.6	1431.5
135°	2990.5	3156.2	2990.5	2824.9	2783.4	2514.6	2156.1	1976.8	1866.3	1645.1	1479.3
137.5°	2825.5	2961.2	2825.5	2689.9	2656.0	2428.7	2125.7	1974.1	1877.7	1684.9	1540.2
140°	2712.4	2839.1	2712.4	2585.5	2553.8	2357.5	2095.7	1964.8	1879.6	1709.2	1581.4
142.5°	2618.6	2727.7	2618.6	2509.5	2482.3	2309.8	2079.8	1964.8	1886.4	1729.5	1611.9
145°	2477.9	2560.5	2477.9	2395.4	2374.7	2233.7	2045.6	1951.6	1886.4	1756.1	1658.4
147.5°	2370.0	2438.5	2370.0	2301.6	2284.5	2173.6	2025.6	1951.6	1899.4	1795.0	1716.7
150°	2302.1	2357.6	2302.1	2246.6	2232.8	2139.1	2014.1	1951.6	1906.2	1815.4	1747.3
152.5°	2244.1	2285.9	2244.1	2202.2	2191.7	2111.7	2005.0	1951.6	1910.6	1828.7	1767.2
155°	2177.3	2204.9	2177.3	2149.5	2142.6	2078.9	1994.0	1951.6	1920.3	1857.8	1810.9
157.5°	2124.5	2143.9	2124.5	2105.0	2100.1	2050.6	1984.6	1951.6	1930.1	1887.0	1854.7
160°	2093.0	2104.1	2093.0	2081.8	2078.9	2036.5	1979.9	1951.6	1934.5	1900.3	1874.6
162.5°	2072.3	2082.9	2072.3	2061.7	2059.0	2023.3	1975.5	1951.6	1939.2	1914.4	1895.8
165°	2042.5	2053.8	2042.5	2031.3	2028.5	2002.8	1968.7	1951.6	1946.0	1934.8	1926.3
167.5°	2021.1	2025.8	2021.1	2016.4	2015.2	1998.4	1976.0	1964.8	1960.1	1950.7	1943.6
170°	2015.2	2015.2	2015.2	2015.2	2015.2	1998.4	1976.0	1964.8	1964.5	1963.9	1963.5
172.5°	1999.4	1995.3	1999.4	2003.6	2004.6	1991.4	1973.7	1964.8	1964.8	1964.8	1964.8
175°	1990.0	1990.0	1990.0	1990.0	1990.0	1981.7	1970.5	1964.8	1967.5	1972.8	1976.8
177.5°	1981.5	1976.8	1981.5	1986.2	1987.4	1980.7	1971.9	1967.5	1969.5	1973.7	1976.8
180°	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8



TEST NUMBER: P935425
 CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1816.4	1816.4	1816.4	1816.4	1816.4	1816.4	1816.4	1816.4	1816.4	1816.4	1816.4
2.5°	1842.2	1831.8	1831.8	1814.7	1807.8	1802.6	1794.1	1768.3	1761.5	1754.5	1764.9
5°	1857.6	1838.8	1825.0	1794.1	1768.3	1758.0	1725.3	1663.5	1622.2	1591.3	1574.2
7.5°	1861.1	1837.1	1811.3	1763.2	1701.3	1673.7	1574.2	1460.7	1429.7	1402.3	1385.1
10°	1857.6	1830.1	1794.1	1721.9	1575.9	1527.7	1428.0	1354.1	1335.3	1330.1	1335.3
12.5°	1845.6	1819.9	1770.0	1649.7	1445.3	1412.6	1354.1	1311.2	1307.8	1316.4	1362.8
15°	1825.0	1800.9	1742.5	1553.5	1373.1	1349.0	1307.8	1292.3	1311.2	1371.3	1510.5
17.5°	1804.4	1776.9	1704.8	1459.0	1318.1	1300.9	1271.6	1302.6	1409.1	1489.9	1536.3
20°	1776.9	1744.2	1661.8	1390.3	1278.5	1263.1	1249.3	1388.6	1469.3	1498.5	1524.3
22.5°	1744.2	1709.9	1603.4	1342.1	1237.3	1225.2	1233.9	1436.6	1469.3	1489.9	1512.2
25°	1701.3	1672.0	1534.6	1304.3	1204.7	1190.9	1223.5	1431.5	1450.4	1455.5	1500.2
27.5°	1661.8	1624.0	1462.4	1269.9	1165.1	1160.0	1232.2	1409.1	1422.9	1428.0	1476.2
30°	1613.6	1556.9	1381.6	1233.9	1123.9	1122.2	1233.9	1381.6	1378.2	1392.0	1440.1
32.5°	1563.8	1457.2	1290.6	1189.2	1084.3	1082.6	1221.8	1340.4	1337.0	1355.8	1392.0
35°	1517.4	1379.9	1166.8	1137.6	1034.5	1036.2	1192.6	1292.3	1294.0	1311.2	1333.6
37.5°	1469.3	1312.9	1031.1	1080.9	986.4	986.4	1153.1	1247.6	1244.2	1249.3	1280.3
40°	1412.6	1208.1	910.8	1007.0	941.8	936.6	1105.0	1199.5	1187.5	1185.8	1228.7
42.5°	1352.4	1092.9	821.4	909.0	890.2	883.3	1046.6	1141.0	1118.7	1123.9	1178.9
45°	1287.2	1062.0	752.7	768.1	836.9	831.7	982.9	1074.1	1058.6	1072.4	1129.1
47.5°	1221.8	1000.2	730.4	637.5	780.2	778.5	912.5	1008.7	1000.2	1013.9	1074.1
50°	1132.5	931.4	728.7	546.5	716.6	723.4	828.3	945.2	945.2	957.2	1020.8
52.5°	1017.4	847.2	661.6	494.9	642.7	663.3	754.4	890.2	893.6	905.6	962.3
55°	912.5	759.6	613.5	455.4	555.1	599.8	682.2	833.5	840.3	852.3	903.9
57.5°	816.3	632.4	603.2	409.0	474.3	517.3	618.6	778.5	781.9	792.2	842.1
60°	713.2	457.1	553.4	359.2	403.8	436.5	560.2	713.2	725.2	732.1	775.0
62.5°	596.3	331.7	501.8	324.8	369.5	376.3	512.1	651.3	666.7	671.9	697.7
65°	424.5	278.4	426.2	295.6	333.4	335.1	460.5	587.7	601.5	610.0	629.0
67.5°	287.0	226.9	324.8	268.1	305.9	307.6	410.8	513.8	532.7	539.6	551.6
70°	199.4	151.3	240.6	238.9	274.9	278.4	357.5	446.8	464.0	469.2	476.0
72.5°	146.1	122.0	199.4	214.8	242.3	245.7	302.4	371.2	388.4	393.5	397.0
75°	111.7	128.9	161.5	187.3	206.2	207.9	247.4	302.4	314.5	317.9	319.6
77.5°	89.3	120.3	118.6	151.3	168.4	164.9	194.2	233.7	244.0	244.0	244.0
80°	67.0	94.6	89.3	108.3	123.8	120.3	139.2	166.7	170.1	173.6	171.9
82.5°	49.8	60.1	60.1	68.8	82.5	79.1	92.8	108.3	108.3	108.3	111.7
85°	30.9	34.3	27.5	36.1	46.4	44.7	51.6	58.4	60.1	60.1	56.7
87.5°	18.9	15.5	8.6	13.8	20.6	20.6	24.1	25.8	24.1	24.1	24.1
90°	34.5	23.8	13.2	23.8	34.5	37.2	58.3	86.6	100.8	89.6	67.2
92.5°	233.5	143.2	53.0	143.2	233.5	256.1	360.0	498.6	567.8	497.6	357.3
95°	457.6	292.5	127.4	292.5	457.6	498.8	885.7	1401.7	1659.7	1481.0	1123.7
97.5°	511.5	365.8	220.2	365.8	511.5	547.9	1193.1	2053.4	2483.5	2370.6	2144.8
100°	556.0	424.0	291.9	424.0	556.0	589.1	1305.0	2259.7	2737.0	2745.3	2761.7
102.5°	599.3	476.2	352.9	476.2	599.3	630.2	1356.4	2324.5	2808.6	2952.5	3240.2
105°	665.1	560.7	456.4	560.7	665.1	691.2	1394.4	2331.9	2800.6	3123.1	3768.2
107.5°	757.1	659.8	562.5	659.8	757.1	781.4	1401.5	2228.2	2641.5	3091.3	3991.1
110°	809.9	722.0	634.2	722.0	809.9	831.8	1390.8	2136.1	2508.7	3011.7	4017.6



TEST NUMBER: P935425

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	871.9	788.2	704.5	788.2	871.9	892.8	1391.2	2055.8	2388.1	2902.8	3932.3
115°	965.1	887.8	810.6	887.8	965.1	984.4	1404.1	1963.6	2243.5	2739.4	3731.1
117.5°	1055.8	985.6	915.5	985.6	1055.8	1073.3	1430.2	1906.0	2143.9	2591.5	3486.6
120°	1108.6	1042.5	976.4	1042.5	1108.6	1125.1	1451.4	1886.6	2104.1	2513.1	3330.9
122.5°	1169.4	1102.8	1036.1	1102.8	1169.4	1186.0	1481.9	1876.4	2073.7	2441.9	3178.3
125°	1249.2	1188.4	1127.7	1188.4	1249.2	1264.4	1523.1	1868.0	2040.4	2353.2	2978.9
127.5°	1324.7	1263.3	1202.0	1263.3	1324.7	1340.0	1564.2	1863.1	2012.6	2281.1	2818.3
130°	1373.9	1307.8	1241.8	1307.8	1373.9	1390.3	1594.2	1866.1	2002.0	2241.1	2719.3
132.5°	1415.0	1348.9	1282.9	1348.9	1415.0	1431.5	1618.6	1868.0	1992.7	2206.7	2634.8
135°	1464.2	1404.1	1344.0	1404.1	1464.2	1479.3	1645.1	1866.3	1976.8	2156.1	2514.6
137.5°	1525.4	1465.9	1406.3	1465.9	1525.4	1540.2	1684.9	1877.7	1974.1	2125.7	2428.7
140°	1567.7	1512.8	1458.0	1512.8	1567.7	1581.4	1709.2	1879.6	1964.8	2095.7	2357.5
142.5°	1599.3	1548.5	1497.8	1548.5	1599.3	1611.9	1729.5	1886.4	1964.8	2079.8	2309.8
145°	1647.4	1603.1	1558.9	1603.1	1647.4	1658.4	1756.1	1886.4	1951.6	2045.6	2233.7
147.5°	1705.9	1662.9	1619.9	1662.9	1705.9	1716.7	1795.0	1899.4	1951.6	2025.6	2173.6
150°	1737.6	1698.6	1659.7	1698.6	1737.6	1747.3	1815.4	1906.2	1951.6	2014.1	2139.1
152.5°	1759.8	1730.3	1700.8	1730.3	1759.8	1767.2	1828.7	1910.6	1951.6	2005.0	2111.7
155°	1805.5	1783.7	1761.8	1783.7	1805.5	1810.9	1857.8	1920.3	1951.6	1994.0	2078.9
157.5°	1849.4	1828.2	1807.0	1828.2	1849.4	1854.7	1887.0	1930.1	1951.6	1984.6	2050.6
160°	1870.5	1854.0	1837.5	1854.0	1870.5	1874.6	1900.3	1934.5	1951.6	1979.9	2036.5
162.5°	1892.7	1880.4	1868.0	1880.4	1892.7	1895.8	1914.4	1939.2	1951.6	1975.5	2023.3
165°	1923.5	1912.3	1901.1	1912.3	1923.5	1926.3	1934.8	1946.0	1951.6	1968.7	2002.8
167.5°	1942.3	1937.0	1931.7	1937.0	1942.3	1943.6	1950.7	1960.1	1964.8	1976.0	1998.4
170°	1962.2	1956.9	1951.6	1956.9	1962.2	1963.5	1963.9	1964.5	1964.8	1976.0	1998.4
172.5°	1964.6	1963.4	1962.2	1963.4	1964.6	1964.8	1964.8	1964.8	1964.8	1973.7	1991.4
175°	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1972.8	1967.5	1964.8	1970.5	1981.7
177.5°	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1973.7	1969.5	1967.5	1971.9	1980.7
180°	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8



TEST NUMBER: P935425
 CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1816.4	1816.4	1816.4	1816.4	1816.4	1816.4	1816.4	1816.4	1816.4	1816.4	1816.4
2.5°	1752.8	1747.7	1754.5	1735.7	1754.5	1747.7	1752.8	1764.9	1754.5	1761.5	1768.3
5°	1538.0	1529.4	1502.0	1479.6	1502.0	1529.4	1538.0	1574.2	1591.3	1622.2	1663.5
7.5°	1374.8	1367.9	1361.1	1347.3	1361.1	1367.9	1374.8	1385.1	1402.3	1429.7	1460.7
10°	1338.7	1340.4	1350.7	1349.0	1350.7	1340.4	1338.7	1335.3	1330.1	1335.3	1354.1
12.5°	1431.5	1447.0	1503.7	1500.2	1503.7	1447.0	1431.5	1362.8	1316.4	1307.8	1311.2
15°	1538.0	1543.2	1555.2	1556.9	1555.2	1543.2	1538.0	1510.5	1371.3	1311.2	1292.3
17.5°	1548.4	1550.1	1558.6	1558.6	1558.6	1550.1	1548.4	1536.3	1489.9	1409.1	1302.6
20°	1539.7	1543.2	1560.4	1563.8	1560.4	1543.2	1539.7	1524.3	1498.5	1469.3	1388.6
22.5°	1536.3	1543.2	1556.9	1555.2	1556.9	1543.2	1536.3	1512.2	1489.9	1469.3	1436.6
25°	1519.2	1519.2	1520.9	1522.6	1520.9	1519.2	1519.2	1500.2	1455.5	1450.4	1431.5
27.5°	1483.0	1486.4	1496.8	1495.1	1496.8	1486.4	1483.0	1476.2	1428.0	1422.9	1409.1
30°	1450.4	1447.0	1438.4	1431.5	1438.4	1447.0	1450.4	1440.1	1392.0	1378.2	1381.6
32.5°	1395.4	1386.8	1378.2	1373.1	1378.2	1386.8	1395.4	1392.0	1355.8	1337.0	1340.4
35°	1330.1	1331.8	1330.1	1324.9	1330.1	1331.8	1330.1	1333.6	1311.2	1294.0	1292.3
37.5°	1283.7	1287.2	1285.4	1278.5	1285.4	1287.2	1283.7	1280.3	1249.3	1244.2	1247.6
40°	1235.6	1237.3	1235.6	1230.5	1235.6	1237.3	1235.6	1228.7	1185.8	1187.5	1199.5
42.5°	1189.2	1187.5	1182.3	1178.9	1182.3	1187.5	1189.2	1178.9	1123.9	1118.7	1141.0
45°	1135.9	1137.6	1127.3	1122.2	1127.3	1137.6	1135.9	1129.1	1072.4	1058.6	1074.1
47.5°	1082.6	1082.6	1074.1	1068.9	1074.1	1082.6	1082.6	1074.1	1013.9	1000.2	1008.7
50°	1025.9	1024.2	1012.1	1010.4	1012.1	1024.2	1025.9	1020.8	957.2	945.2	945.2
52.5°	960.6	960.6	962.3	965.8	962.3	960.6	960.6	962.3	905.6	893.6	890.2
55°	903.9	905.6	917.7	921.1	917.7	905.6	903.9	903.9	852.3	840.3	833.5
57.5°	845.5	845.5	854.0	854.0	854.0	845.5	845.5	842.1	792.2	781.9	778.5
60°	778.5	781.9	788.8	787.1	788.8	781.9	778.5	775.0	732.1	725.2	713.2
62.5°	708.0	711.5	713.2	709.7	713.2	711.5	708.0	697.7	671.9	666.7	651.3
65°	634.1	637.5	639.2	635.8	639.2	637.5	634.1	629.0	610.0	601.5	587.7
67.5°	558.5	556.8	555.1	561.9	555.1	556.8	558.5	551.6	539.6	532.7	513.8
70°	481.1	481.1	479.4	482.9	479.4	481.1	481.1	476.0	469.2	464.0	446.8
72.5°	398.7	397.0	403.8	398.7	403.8	397.0	398.7	397.0	393.5	388.4	371.2
75°	317.9	321.3	317.9	323.0	317.9	321.3	317.9	319.6	317.9	314.5	302.4
77.5°	242.3	245.7	242.3	242.3	242.3	245.7	242.3	244.0	244.0	244.0	233.7
80°	171.9	170.1	170.1	168.4	170.1	170.1	171.9	171.9	173.6	170.1	166.7
82.5°	110.0	108.3	108.3	111.7	108.3	108.3	110.0	111.7	108.3	108.3	108.3
85°	60.1	61.8	58.4	58.4	58.4	61.8	60.1	56.7	60.1	60.1	58.4
87.5°	22.4	20.6	20.6	20.6	20.6	20.6	22.4	24.1	24.1	24.1	25.8
90°	50.4	50.4	50.4	50.4	50.4	50.4	50.4	67.2	89.6	100.8	86.6
92.5°	252.1	242.1	201.9	161.9	201.9	242.1	252.1	357.3	497.6	567.8	498.6
95°	855.8	825.3	703.9	582.4	703.9	825.3	855.8	1123.7	1481.0	1659.7	1401.7
97.5°	1975.4	1917.6	1686.5	1455.3	1686.5	1917.6	1975.4	2144.8	2370.6	2483.5	2053.4
100°	2774.1	2705.3	2429.9	2154.5	2429.9	2705.3	2774.1	2761.7	2745.3	2737.0	2259.7
102.5°	3456.1	3397.1	3161.2	2925.4	3161.2	3397.1	3456.1	3240.2	2952.5	2808.6	2324.5
105°	4252.0	4220.3	4093.6	3966.8	4093.6	4220.3	4252.0	3768.2	3123.1	2800.6	2331.9
107.5°	4665.9	4673.6	4704.3	4734.9	4704.3	4673.6	4665.9	3991.1	3091.3	2641.5	2228.2
110°	4772.1	4805.2	4937.2	5069.2	4937.2	4805.2	4772.1	4017.6	3011.7	2508.7	2136.1



TEST NUMBER: P935425

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	4704.5	4755.2	4958.0	5160.8	4958.0	4755.2	4704.5	3932.3	2902.8	2388.1	2055.8
115°	4474.9	4545.2	4826.5	5107.8	4826.5	4545.2	4474.9	3731.1	2739.4	2243.5	1963.6
117.5°	4157.8	4235.8	4547.7	4859.6	4547.7	4235.8	4157.8	3486.6	2591.5	2143.9	1906.0
120°	3944.3	4020.0	4323.1	4626.1	4323.1	4020.0	3944.3	3330.9	2513.1	2104.1	1886.6
122.5°	3730.7	3805.4	4104.3	4403.3	4104.3	3805.4	3730.7	3178.3	2441.9	2073.7	1876.4
125°	3448.0	3516.9	3792.2	4067.6	3792.2	3516.9	3448.0	2978.9	2353.2	2040.4	1868.0
127.5°	3221.2	3279.3	3511.6	3743.9	3511.6	3279.3	3221.2	2818.3	2281.1	2012.6	1863.1
130°	3077.9	3131.6	3346.2	3560.9	3346.2	3131.6	3077.9	2719.3	2241.1	2002.0	1866.1
132.5°	2955.9	3004.0	3196.1	3388.3	3196.1	3004.0	2955.9	2634.8	2206.7	1992.7	1868.0
135°	2783.4	2824.9	2990.5	3156.2	2990.5	2824.9	2783.4	2514.6	2156.1	1976.8	1866.3
137.5°	2656.0	2689.9	2825.5	2961.2	2825.5	2689.9	2656.0	2428.7	2125.7	1974.1	1877.7
140°	2553.8	2585.5	2712.4	2839.1	2712.4	2585.5	2553.8	2357.5	2095.7	1964.8	1879.6
142.5°	2482.3	2509.5	2618.6	2727.7	2618.6	2509.5	2482.3	2309.8	2079.8	1964.8	1886.4
145°	2374.7	2395.4	2477.9	2560.5	2477.9	2395.4	2374.7	2233.7	2045.6	1951.6	1886.4
147.5°	2284.5	2301.6	2370.0	2438.5	2370.0	2301.6	2284.5	2173.6	2025.6	1951.6	1899.4
150°	2232.8	2246.6	2302.1	2357.6	2302.1	2246.6	2232.8	2139.1	2014.1	1951.6	1906.2
152.5°	2191.7	2202.2	2244.1	2285.9	2244.1	2202.2	2191.7	2111.7	2005.0	1951.6	1910.6
155°	2142.6	2149.5	2177.3	2204.9	2177.3	2149.5	2142.6	2078.9	1994.0	1951.6	1920.3
157.5°	2100.1	2105.0	2124.5	2143.9	2124.5	2105.0	2100.1	2050.6	1984.6	1951.6	1930.1
160°	2078.9	2081.8	2093.0	2104.1	2093.0	2081.8	2078.9	2036.5	1979.9	1951.6	1934.5
162.5°	2059.0	2061.7	2072.3	2082.9	2072.3	2061.7	2059.0	2023.3	1975.5	1951.6	1939.2
165°	2028.5	2031.3	2042.5	2053.8	2042.5	2031.3	2028.5	2002.8	1968.7	1951.6	1946.0
167.5°	2015.2	2016.4	2021.1	2025.8	2021.1	2016.4	2015.2	1998.4	1976.0	1964.8	1960.1
170°	2015.2	2015.2	2015.2	2015.2	2015.2	2015.2	2015.2	1998.4	1976.0	1964.8	1964.5
172.5°	2004.6	2003.6	1999.4	1995.3	1999.4	2003.6	2004.6	1991.4	1973.7	1964.8	1964.8
175°	1990.0	1990.0	1990.0	1990.0	1990.0	1990.0	1990.0	1981.7	1970.5	1964.8	1967.5
177.5°	1987.4	1986.2	1981.5	1976.8	1981.5	1986.2	1987.4	1980.7	1971.9	1967.5	1969.5
180°	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8



TEST NUMBER: P935425

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1816.4	1816.4	1816.4	1816.4	1816.4
2.5°	1794.1	1802.6	1807.8	1814.7	1831.8
5°	1725.3	1758.0	1768.3	1794.1	1825.0
7.5°	1574.2	1673.7	1701.3	1763.2	1811.3
10°	1428.0	1527.7	1575.9	1721.9	1794.1
12.5°	1354.1	1412.6	1445.3	1649.7	1770.0
15°	1307.8	1349.0	1373.1	1553.5	1742.5
17.5°	1271.6	1300.9	1318.1	1459.0	1704.8
20°	1249.3	1263.1	1278.5	1390.3	1661.8
22.5°	1233.9	1225.2	1237.3	1342.1	1603.4
25°	1223.5	1190.9	1204.7	1304.3	1534.6
27.5°	1232.2	1160.0	1165.1	1269.9	1462.4
30°	1233.9	1122.2	1123.9	1233.9	1381.6
32.5°	1221.8	1082.6	1084.3	1189.2	1290.6
35°	1192.6	1036.2	1034.5	1137.6	1166.8
37.5°	1153.1	986.4	986.4	1080.9	1031.1
40°	1105.0	936.6	941.8	1007.0	910.8
42.5°	1046.6	883.3	890.2	909.0	821.4
45°	982.9	831.7	836.9	768.1	752.7
47.5°	912.5	778.5	780.2	637.5	730.4
50°	828.3	723.4	716.6	546.5	728.7
52.5°	754.4	663.3	642.7	494.9	661.6
55°	682.2	599.8	555.1	455.4	613.5
57.5°	618.6	517.3	474.3	409.0	603.2
60°	560.2	436.5	403.8	359.2	553.4
62.5°	512.1	376.3	369.5	324.8	501.8
65°	460.5	335.1	333.4	295.6	426.2
67.5°	410.8	307.6	305.9	268.1	324.8
70°	357.5	278.4	274.9	238.9	240.6
72.5°	302.4	245.7	242.3	214.8	199.4
75°	247.4	207.9	206.2	187.3	161.5
77.5°	194.2	164.9	168.4	151.3	118.6
80°	139.2	120.3	123.8	108.3	89.3
82.5°	92.8	79.1	82.5	68.8	60.1
85°	51.6	44.7	46.4	36.1	27.5
87.5°	24.1	20.6	20.6	13.8	8.6
90°	58.3	37.2	34.5	23.8	13.2
92.5°	360.0	256.1	233.5	143.2	53.0
95°	885.7	498.8	457.6	292.5	127.4
97.5°	1193.1	547.9	511.5	365.8	220.2
100°	1305.0	589.1	556.0	424.0	291.9
102.5°	1356.4	630.2	599.3	476.2	352.9
105°	1394.4	691.2	665.1	560.7	456.4
107.5°	1401.5	781.4	757.1	659.8	562.5
110°	1390.8	831.8	809.9	722.0	634.2



TEST NUMBER: P935425

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1391.2	892.8	871.9	788.2	704.5
115°	1404.1	984.4	965.1	887.8	810.6
117.5°	1430.2	1073.3	1055.8	985.6	915.5
120°	1451.4	1125.1	1108.6	1042.5	976.4
122.5°	1481.9	1186.0	1169.4	1102.8	1036.1
125°	1523.1	1264.4	1249.2	1188.4	1127.7
127.5°	1564.2	1340.0	1324.7	1263.3	1202.0
130°	1594.2	1390.3	1373.9	1307.8	1241.8
132.5°	1618.6	1431.5	1415.0	1348.9	1282.9
135°	1645.1	1479.3	1464.2	1404.1	1344.0
137.5°	1684.9	1540.2	1525.4	1465.9	1406.3
140°	1709.2	1581.4	1567.7	1512.8	1458.0
142.5°	1729.5	1611.9	1599.3	1548.5	1497.8
145°	1756.1	1658.4	1647.4	1603.1	1558.9
147.5°	1795.0	1716.7	1705.9	1662.9	1619.9
150°	1815.4	1747.3	1737.6	1698.6	1659.7
152.5°	1828.7	1767.2	1759.8	1730.3	1700.8
155°	1857.8	1810.9	1805.5	1783.7	1761.8
157.5°	1887.0	1854.7	1849.4	1828.2	1807.0
160°	1900.3	1874.6	1870.5	1854.0	1837.5
162.5°	1914.4	1895.8	1892.7	1880.4	1868.0
165°	1934.8	1926.3	1923.5	1912.3	1901.1
167.5°	1950.7	1943.6	1942.3	1937.0	1931.7
170°	1963.9	1963.5	1962.2	1956.9	1951.6
172.5°	1964.8	1964.8	1964.6	1963.4	1962.2
175°	1972.8	1976.8	1976.8	1976.8	1976.8
177.5°	1973.7	1976.8	1976.8	1976.8	1976.8
180°	1976.8	1976.8	1976.8	1976.8	1976.8



TEST NUMBER: P935425
 CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-12-2700K

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	8.15	8.84	9.29	9.96	11.53	11.00	11.69	12.14	12.81	14.38
	3H	8.62	9.23	9.76	10.36	11.95	12.34	12.96	13.48	14.09	15.67
	4H	8.80	9.38	9.95	10.52	12.10	12.78	13.37	13.93	14.50	16.09
	6H	8.91	9.45	10.07	10.58	12.18	13.06	13.60	14.22	14.74	16.34
	8H	8.90	9.42	10.07	10.57	12.16	13.14	13.65	14.30	14.80	16.39
	12H	8.87	9.35	10.04	10.50	12.11	13.17	13.66	14.34	14.80	16.42
4H	2H	9.17	9.75	10.33	10.89	12.47	11.39	11.97	12.55	13.11	14.69
	3H	10.18	10.67	11.34	11.82	13.42	12.89	13.37	14.05	14.53	16.13
	4H	10.45	10.90	11.61	12.04	13.66	13.41	13.86	14.58	15.01	16.63
	6H	10.56	10.95	11.73	12.12	13.72	13.77	14.16	14.94	15.33	16.93
	8H	10.56	10.92	11.73	12.08	13.71	13.88	14.24	15.05	15.40	17.02
	12H	10.52	10.85	11.71	12.02	13.65	13.93	14.25	15.12	15.43	17.06
8H	4H	10.89	11.25	12.06	12.41	14.04	13.52	13.88	14.69	15.04	16.67
	6H	11.15	11.44	12.33	12.64	14.27	13.96	14.25	15.15	15.45	17.08
	8H	11.19	11.44	12.38	12.62	14.27	14.11	14.37	15.30	15.55	17.19
	12H	11.16	11.39	12.36	12.57	14.24	14.20	14.43	15.40	15.61	17.28
12H	4H	10.89	11.21	12.08	12.39	14.02	13.48	13.80	14.66	14.97	16.60
	6H	11.21	11.46	12.40	12.64	14.29	13.95	14.21	15.15	15.39	17.03
	8H	11.26	11.49	12.46	12.67	14.34	14.11	14.33	15.31	15.51	17.19