

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: P935664

Luminaire Tested: SQ4-FA-125U-100D-93050-1D-UNV-STD-W-6-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935664
REPORT IS A COMBINATION OF REPORTS P933763 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-100D-93050-1D-UNV-STD-W-6-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

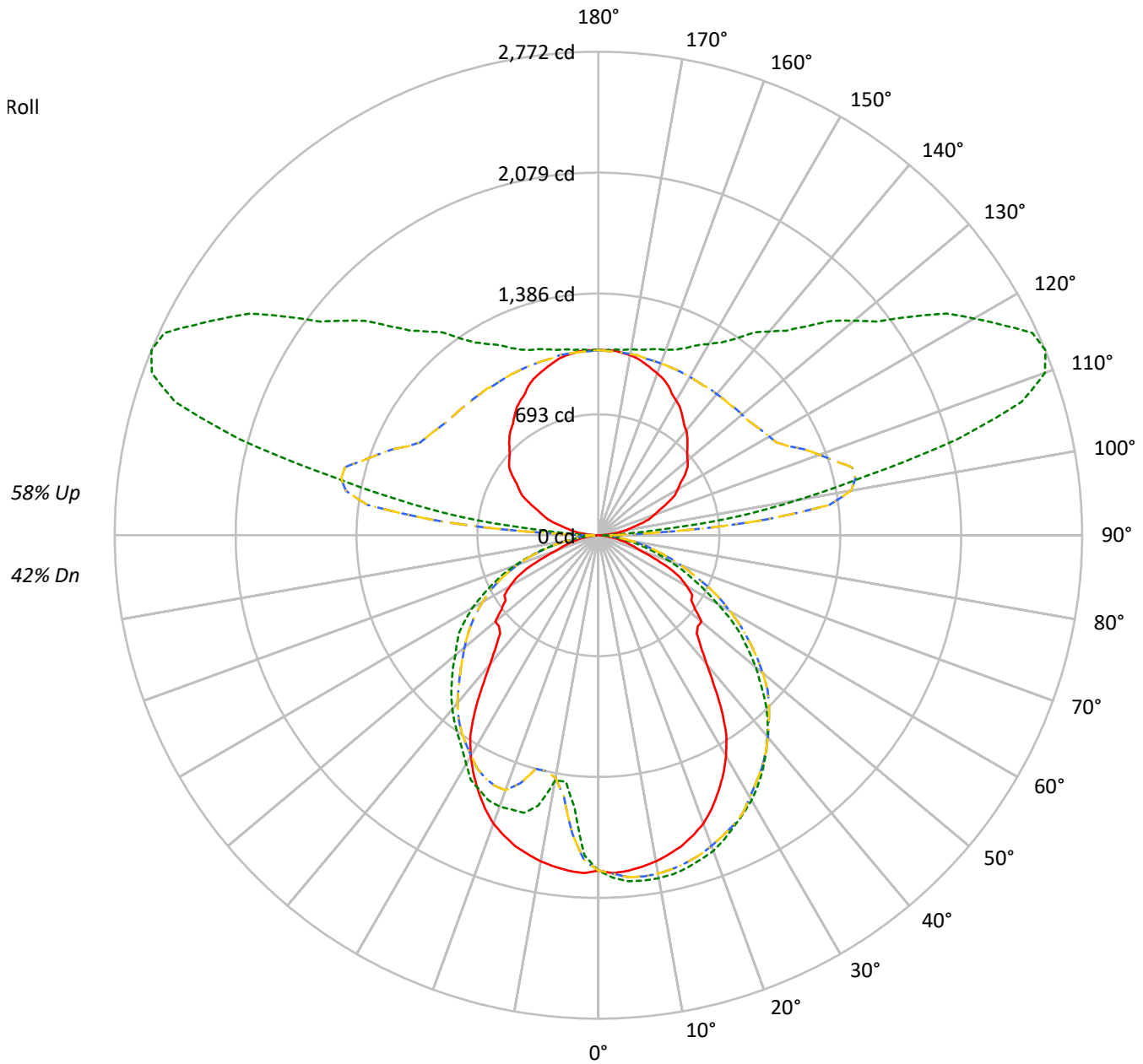
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11872.2 lumens
Efficiency: N/A
Efficacy: 122.9 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 96.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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CATALOG NUMBER: SQ4-FA-125U-100D-93050-1D-UNV-STD-W-6-5000K

Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	105	105	105	105	96	96	96	96	79	79	79	63	63	63	49	49	49	42
1	96	92	88	85	88	84	81	78	69	67	65	56	54	53	43	42	41	35
2	87	80	74	69	80	73	68	64	61	57	54	49	46	44	38	36	35	30
3	80	70	63	57	72	65	58	53	53	49	45	43	40	37	34	31	30	25
4	73	62	54	49	66	57	50	45	47	42	38	38	35	32	30	28	25	22
5	67	55	47	41	61	51	44	39	42	37	33	34	31	27	27	24	22	19
6	62	50	42	36	56	46	39	33	38	33	29	31	27	24	24	22	19	16
7	57	45	37	31	52	41	34	29	34	29	25	28	24	21	22	19	17	15
8	53	40	33	28	48	37	31	26	31	26	22	26	22	19	20	18	15	13
9	49	37	30	25	45	34	27	23	29	24	20	24	20	17	19	16	14	12
10	46	34	27	22	42	31	25	21	26	21	18	22	18	15	17	15	13	11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11891	11891	11891	11891
5°	11976	12003	11976	9439
10°	11891	11824	11891	8454
15°	11757	11568	11757	9659
20°	11507	11265	11507	9680
25°	10999	10822	10999	9475
30°	10345	10454	10345	9024
35°	9218	9989	9218	8529
40°	7677	9442	7677	8155
45°	6855	8802	6855	7725
50°	7276	8038	7276	7294
55°	6840	7215	6840	7044
60°	7042	6128	7042	6452
65°	6374	5065	6374	5662
70°	4403	4036	4403	4746
75°	3848	2984	3848	3573
80°	3076	1973	3076	2148
85°	1735	1046	1735	889

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 10512 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	173.5	1.5
10°-20°	492.7	4.1
20°-30°	761.6	6.4
30°-40°	909.1	7.7
40°-50°	914.5	7.7
50°-60°	795.7	6.7
60°-70°	564.2	4.8
70°-80°	298.5	2.5
80°-90°	78.4	0.7
90°-100°	517.6	4.4
100°-110°	1360.9	11.5
110°-120°	1411.1	11.9
120°-130°	1131.9	9.5
130°-140°	888.1	7.5
140°-150°	681.7	5.7
150°-160°	490.9	4.1
160°-170°	300.4	2.5
170°-180°	101.5	0.9
0°-30°	1427.7	12.0
0°-40°	2336.9	19.7
0°-60°	4047.0	34.1
0°-90°	4988.1	42.0
90°-120°	3289.7	27.7
90°-150°	5991.4	50.5
90°-180°	6884.0	58.0
0°-180°	11872.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1922	1922	1922	1922	1922	
5°	1931	1991	1931	1566	1931	183
15°	1844	1973	1844	1648	1844	519
25°	1624	1840	1624	1611	1624	746
35°	1235	1642	1235	1402	1235	764
45°	797	1353	797	1188	797	638
55°	649	998	649	975	649	597
65°	451	602	451	673	451	431
75°	171	286	171	342	171	180
85°	29	73	29	62	29	39
90°	7	27	7	27	7	7
95°	68	313	68	313	68	76
105°	245	2131	245	2131	245	260
115°	435	2744	435	2744	435	430
125°	606	2185	606	2185	606	538
135°	722	1696	722	1696	722	559
145°	837	1376	837	1376	837	525
155°	946	1185	946	1185	946	435
165°	1021	1103	1021	1103	1021	288
175°	1062	1069	1062	1069	1062	101
180°	1062	1062	1062	1062	1062	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2
2.5°	1938.6	1938.6	1949.6	1953.1	1953.1	1947.7	1942.2	1947.7	1964.1	1969.6	1967.7
5°	1931.3	1945.9	1965.9	1969.6	1973.1	1971.3	1967.7	1971.3	1989.5	1993.1	1995.0
7.5°	1916.8	1944.0	1969.6	1975.0	1980.4	1975.0	1973.1	1976.8	1995.0	1998.6	1998.6
10°	1898.6	1936.8	1965.9	1969.6	1975.0	1969.6	1969.6	1976.8	1995.0	1998.6	2000.4
12.5°	1873.1	1925.9	1953.1	1956.8	1964.1	1962.2	1960.4	1967.7	1985.9	1989.5	1989.5
15°	1844.0	1905.9	1931.3	1935.0	1947.7	1944.0	1944.0	1951.3	1971.3	1976.8	1975.0
17.5°	1804.0	1880.4	1909.5	1915.0	1924.0	1922.2	1924.0	1931.3	1949.6	1953.1	1955.0
20°	1758.6	1845.9	1880.4	1885.9	1894.9	1894.9	1894.9	1904.0	1922.2	1929.5	1929.5
22.5°	1696.7	1809.5	1845.9	1849.5	1860.4	1860.4	1864.0	1876.8	1893.1	1894.9	1894.9
25°	1624.0	1769.5	1800.4	1811.3	1822.2	1827.7	1833.1	1840.4	1845.9	1844.0	1845.9
27.5°	1547.6	1718.6	1758.6	1765.8	1780.4	1785.8	1793.1	1794.9	1796.8	1802.2	1798.6
30°	1462.2	1647.6	1707.6	1714.9	1738.6	1742.2	1734.9	1738.6	1747.7	1751.3	1754.9
32.5°	1365.7	1542.2	1654.9	1671.3	1693.1	1682.1	1680.4	1685.8	1700.4	1700.4	1704.0
35°	1234.9	1460.3	1605.8	1620.4	1636.7	1624.0	1631.3	1633.0	1642.1	1647.6	1645.8
37.5°	1091.1	1389.4	1554.9	1565.8	1578.5	1562.2	1573.0	1578.5	1585.8	1582.2	1582.2
40°	963.9	1278.4	1494.8	1502.2	1513.1	1500.3	1511.3	1514.8	1518.5	1514.8	1513.1
42.5°	869.2	1156.6	1431.2	1440.3	1433.1	1442.2	1445.7	1453.1	1447.6	1440.3	1440.3
45°	796.6	1123.9	1362.1	1373.1	1362.1	1376.6	1382.1	1382.1	1365.7	1362.1	1360.3
47.5°	772.9	1058.4	1293.0	1293.0	1287.5	1305.7	1314.8	1302.1	1285.7	1280.3	1280.3
50°	771.0	985.7	1198.4	1191.2	1216.6	1238.4	1229.3	1216.6	1203.9	1183.9	1183.9
52.5°	700.1	896.6	1076.5	1103.9	1143.9	1156.6	1142.1	1129.3	1107.5	1098.4	1091.1
55°	649.3	803.8	965.7	1020.2	1062.0	1078.4	1051.1	1038.4	1005.7	1000.2	996.6
57.5°	638.3	669.3	863.8	932.9	983.9	982.0	965.7	942.0	914.8	909.3	907.5
60°	585.6	483.7	754.7	836.6	889.2	883.8	869.2	847.5	822.0	818.4	814.7
62.5°	531.0	351.0	631.0	723.8	798.4	796.6	783.8	751.0	732.9	723.8	716.5
65°	451.0	294.6	449.2	601.9	709.3	712.9	685.6	661.9	641.9	631.0	629.3
67.5°	343.7	240.1	303.7	501.9	623.8	620.2	585.6	574.7	549.2	543.7	532.8
70°	254.6	160.0	211.0	407.4	540.2	531.0	503.7	491.1	467.4	454.6	447.4
72.5°	211.0	129.1	154.5	316.4	454.6	443.7	420.1	405.5	385.5	374.6	367.4
75°	171.0	136.4	118.2	234.6	369.2	361.9	340.1	325.5	309.2	294.6	296.4
77.5°	125.4	127.3	94.5	172.8	292.7	281.9	269.2	251.0	243.6	229.1	229.1
80°	94.5	100.0	70.9	118.2	211.0	211.0	200.1	187.3	174.5	167.3	167.3
82.5°	63.7	63.7	52.8	74.5	143.7	138.2	131.0	127.3	120.0	116.4	116.4
85°	29.1	36.3	32.8	45.4	78.2	81.9	81.9	78.2	76.4	72.8	74.5
87.5°	9.1	16.3	20.0	25.4	40.0	41.8	43.7	43.7	43.7	45.4	45.4
90°	7.2	12.8	18.5	19.9	31.3	46.5	54.1	48.1	36.1	27.1	27.1
92.5°	28.5	77.0	125.4	137.6	193.4	267.8	305.0	267.3	192.0	135.5	130.0
95°	68.5	157.1	245.8	268.0	475.8	753.1	891.6	795.6	603.7	459.7	443.3
97.5°	118.3	196.5	274.8	294.3	640.9	1103.2	1334.2	1273.6	1152.3	1061.2	1030.2
100°	156.8	227.8	298.7	316.4	701.0	1213.9	1470.3	1474.7	1483.6	1490.2	1453.3
102.5°	189.6	255.8	322.0	338.5	728.6	1248.7	1508.8	1586.1	1740.7	1856.6	1824.9
105°	245.2	301.3	357.3	371.3	749.0	1252.7	1504.6	1677.8	2024.3	2284.2	2267.2
107.5°	302.2	354.4	406.7	419.8	752.9	1196.9	1419.0	1660.8	2144.1	2506.6	2510.7
110°	340.6	387.8	435.0	446.8	747.1	1147.5	1347.7	1617.9	2158.3	2563.7	2581.4



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	378.5	423.4	468.4	479.7	747.4	1104.4	1282.8	1559.3	2112.4	2527.2	2554.5
115°	435.4	476.9	518.5	528.9	754.3	1054.9	1205.2	1471.6	2004.4	2404.0	2441.8
117.5°	491.8	529.5	567.1	576.6	768.3	1023.9	1151.7	1392.1	1873.0	2233.7	2275.5
120°	524.6	560.1	595.5	604.4	779.7	1013.4	1130.3	1350.0	1789.3	2118.9	2159.6
122.5°	556.7	592.5	628.3	637.2	796.1	1008.0	1114.0	1311.8	1707.5	2004.2	2044.3
125°	605.8	638.4	671.0	679.2	818.2	1003.5	1096.2	1264.2	1600.3	1852.4	1889.4
127.5°	645.7	678.6	711.6	719.8	840.3	1000.9	1081.2	1225.5	1514.1	1730.5	1761.7
130°	667.1	702.6	738.0	746.9	856.4	1002.4	1075.4	1203.9	1460.8	1653.5	1682.3
132.5°	689.2	724.7	760.1	769.0	869.5	1003.5	1070.5	1185.5	1415.5	1587.9	1613.7
135°	722.0	754.3	786.6	794.6	883.7	1002.6	1062.0	1158.2	1350.8	1495.3	1517.5
137.5°	755.4	787.5	819.5	827.5	905.1	1008.7	1060.5	1141.9	1304.7	1426.8	1445.0
140°	783.3	812.7	842.2	849.5	918.2	1009.7	1055.5	1125.8	1266.5	1372.0	1389.0
142.5°	804.6	831.9	859.1	865.9	929.2	1013.4	1055.5	1117.3	1240.8	1333.5	1348.2
145°	837.4	861.2	884.9	890.9	943.4	1013.4	1048.4	1098.9	1200.0	1275.8	1286.9
147.5°	870.3	893.4	916.5	922.3	964.3	1020.4	1048.4	1088.1	1167.7	1227.3	1236.5
150°	891.6	912.6	933.4	938.6	975.2	1024.0	1048.4	1082.0	1149.1	1199.5	1207.0
152.5°	913.7	929.5	945.4	949.4	982.4	1026.4	1048.4	1077.0	1134.4	1177.4	1183.0
155°	946.5	958.3	969.9	972.8	998.0	1031.6	1048.4	1071.2	1116.8	1151.1	1154.8
157.5°	970.7	982.1	993.5	996.3	1013.7	1036.8	1048.4	1066.1	1101.6	1128.2	1130.8
160°	987.1	996.0	1004.9	1007.1	1020.8	1039.2	1048.4	1063.6	1094.0	1116.8	1118.3
162.5°	1003.5	1010.1	1016.8	1018.5	1028.5	1041.8	1048.4	1061.2	1086.8	1106.1	1107.6
165°	1021.3	1027.4	1033.4	1034.9	1039.4	1045.3	1048.4	1057.6	1076.0	1089.8	1091.2
167.5°	1037.7	1040.6	1043.4	1044.2	1047.9	1053.0	1055.5	1061.6	1073.6	1082.6	1083.2
170°	1048.4	1051.2	1054.1	1054.8	1055.1	1055.3	1055.5	1061.6	1073.6	1082.6	1082.6
172.5°	1054.1	1054.7	1055.3	1055.5	1055.5	1055.5	1055.5	1060.3	1069.8	1076.9	1076.4
175°	1062.0	1062.0	1062.0	1062.0	1059.8	1057.0	1055.5	1058.6	1064.6	1069.1	1069.1
177.5°	1062.0	1062.0	1062.0	1062.0	1060.3	1058.0	1056.9	1059.3	1064.1	1067.6	1067.0
180°	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2
2.5°	1971.3	1965.9	1971.3	1967.7	1969.6	1964.1	1947.7	1942.2	1947.7	1953.1	1953.1
5°	1995.0	1991.3	1995.0	1995.0	1993.1	1989.5	1971.3	1967.7	1971.3	1973.1	1969.6
7.5°	2002.2	1996.8	2002.2	1998.6	1998.6	1995.0	1976.8	1973.1	1975.0	1980.4	1975.0
10°	2002.2	1996.8	2002.2	2000.4	1998.6	1995.0	1976.8	1969.6	1969.6	1975.0	1969.6
12.5°	1993.1	1989.5	1993.1	1989.5	1989.5	1985.9	1967.7	1960.4	1962.2	1964.1	1956.8
15°	1978.6	1973.1	1978.6	1975.0	1976.8	1971.3	1951.3	1944.0	1944.0	1947.7	1935.0
17.5°	1956.8	1949.6	1956.8	1955.0	1953.1	1949.6	1931.3	1924.0	1922.2	1924.0	1915.0
20°	1931.3	1925.9	1931.3	1929.5	1929.5	1922.2	1904.0	1894.9	1894.9	1894.9	1885.9
22.5°	1891.3	1885.9	1891.3	1894.9	1894.9	1893.1	1876.8	1864.0	1860.4	1860.4	1849.5
25°	1845.9	1840.4	1845.9	1845.9	1844.0	1845.9	1840.4	1833.1	1827.7	1822.2	1811.3
27.5°	1802.2	1798.6	1802.2	1798.6	1802.2	1796.8	1794.9	1793.1	1785.8	1780.4	1765.8
30°	1758.6	1754.9	1758.6	1754.9	1751.3	1747.7	1738.6	1734.9	1742.2	1738.6	1714.9
32.5°	1704.0	1700.4	1704.0	1704.0	1700.4	1700.4	1685.8	1680.4	1682.1	1693.1	1671.3
35°	1647.6	1642.1	1647.6	1645.8	1647.6	1642.1	1633.0	1631.3	1624.0	1636.7	1620.4
37.5°	1582.2	1576.7	1582.2	1582.2	1582.2	1585.8	1578.5	1573.0	1562.2	1578.5	1565.8
40°	1514.8	1507.6	1514.8	1513.1	1514.8	1518.5	1514.8	1511.3	1500.3	1513.1	1502.2
42.5°	1438.5	1436.7	1438.5	1440.3	1440.3	1447.6	1453.1	1445.7	1442.2	1433.1	1440.3
45°	1356.6	1353.0	1356.6	1360.3	1362.1	1365.7	1382.1	1382.1	1376.6	1362.1	1373.1
47.5°	1269.4	1260.3	1269.4	1280.3	1280.3	1285.7	1302.1	1314.8	1305.7	1287.5	1293.0
50°	1176.6	1178.4	1176.6	1183.9	1183.9	1203.9	1216.6	1229.3	1238.4	1216.6	1191.2
52.5°	1085.7	1083.9	1085.7	1091.1	1098.4	1107.5	1129.3	1142.1	1156.6	1143.9	1103.9
55°	994.8	998.4	994.8	996.6	1000.2	1005.7	1038.4	1051.1	1078.4	1062.0	1020.2
57.5°	903.8	898.3	903.8	907.5	909.3	914.8	942.0	965.7	982.0	983.9	932.9
60°	798.4	791.1	798.4	814.7	818.4	822.0	847.5	869.2	883.8	889.2	836.6
62.5°	705.6	692.9	705.6	716.5	723.8	732.9	751.0	783.8	796.6	798.4	723.8
65°	607.4	601.9	607.4	629.3	631.0	641.9	661.9	685.6	712.9	709.3	601.9
67.5°	518.3	518.3	518.3	532.8	543.7	549.2	574.7	585.6	620.2	623.8	501.9
70°	436.5	434.6	436.5	447.4	454.6	467.4	491.1	503.7	531.0	540.2	407.4
72.5°	358.3	356.4	358.3	367.4	374.6	385.5	405.5	420.1	443.7	454.6	316.4
75°	289.2	285.5	289.2	296.4	294.6	309.2	325.5	340.1	361.9	369.2	234.6
77.5°	221.9	221.9	221.9	229.1	229.1	243.6	251.0	269.2	281.9	292.7	172.8
80°	165.5	163.7	165.5	167.3	167.3	174.5	187.3	200.1	211.0	211.0	118.2
82.5°	116.4	112.8	116.4	116.4	116.4	120.0	127.3	131.0	138.2	143.7	74.5
85°	72.8	72.8	72.8	74.5	72.8	76.4	78.2	81.9	81.9	78.2	45.4
87.5°	47.3	45.4	47.3	45.4	45.4	43.7	43.7	43.7	41.8	40.0	25.4
90°	27.1	27.1	27.1	27.1	27.1	36.1	48.1	54.1	46.5	31.3	19.9
92.5°	108.5	86.9	108.5	130.0	135.5	192.0	267.3	305.0	267.8	193.4	137.6
95°	378.1	312.8	378.1	443.3	459.7	603.7	795.6	891.6	753.1	475.8	268.0
97.5°	906.0	781.9	906.0	1030.2	1061.2	1152.3	1273.6	1334.2	1103.2	640.9	294.3
100°	1305.4	1157.5	1305.4	1453.3	1490.2	1483.6	1474.7	1470.3	1213.9	701.0	316.4
102.5°	1698.2	1571.6	1698.2	1824.9	1856.6	1740.7	1586.1	1508.8	1248.7	728.6	338.5
105°	2199.1	2131.0	2199.1	2267.2	2284.2	2024.3	1677.8	1504.6	1252.7	749.0	371.3
107.5°	2527.1	2543.7	2527.1	2510.7	2506.6	2144.1	1660.8	1419.0	1196.9	752.9	419.8
110°	2652.3	2723.3	2652.3	2581.4	2563.7	2158.3	1617.9	1347.7	1147.5	747.1	446.8



TEST NUMBER: P935664

CATALOG NUMBER: SQ4-FA-125U-100D-93050-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2663.4	2772.4	2663.4	2554.5	2527.2	2112.4	1559.3	1282.8	1104.4	747.4	479.7
115°	2592.9	2743.9	2592.9	2441.8	2404.0	2004.4	1471.6	1205.2	1054.9	754.3	528.9
117.5°	2443.1	2610.7	2443.1	2275.5	2233.7	1873.0	1392.1	1151.7	1023.9	768.3	576.6
120°	2322.4	2485.2	2322.4	2159.6	2118.9	1789.3	1350.0	1130.3	1013.4	779.7	604.4
122.5°	2204.9	2365.5	2204.9	2044.3	2004.2	1707.5	1311.8	1114.0	1008.0	796.1	637.2
125°	2037.3	2185.2	2037.3	1889.4	1852.4	1600.3	1264.2	1096.2	1003.5	818.2	679.2
127.5°	1886.5	2011.3	1886.5	1761.7	1730.5	1514.1	1225.5	1081.2	1000.9	840.3	719.8
130°	1797.7	1912.9	1797.7	1682.3	1653.5	1460.8	1203.9	1075.4	1002.4	856.4	746.9
132.5°	1717.0	1820.2	1717.0	1613.7	1587.9	1415.5	1185.5	1070.5	1003.5	869.5	769.0
135°	1606.5	1695.5	1606.5	1517.5	1495.3	1350.8	1158.2	1062.0	1002.6	883.7	794.6
137.5°	1517.9	1590.7	1517.9	1445.0	1426.8	1304.7	1141.9	1060.5	1008.7	905.1	827.5
140°	1457.1	1525.2	1457.1	1389.0	1372.0	1266.5	1125.8	1055.5	1009.7	918.2	849.5
142.5°	1406.7	1465.4	1406.7	1348.2	1333.5	1240.8	1117.3	1055.5	1013.4	929.2	865.9
145°	1331.2	1375.5	1331.2	1286.9	1275.8	1200.0	1098.9	1048.4	1013.4	943.4	890.9
147.5°	1273.3	1310.0	1273.3	1236.5	1227.3	1167.7	1088.1	1048.4	1020.4	964.3	922.3
150°	1236.8	1266.5	1236.8	1207.0	1199.5	1149.1	1082.0	1048.4	1024.0	975.2	938.6
152.5°	1205.5	1228.0	1205.5	1183.0	1177.4	1134.4	1077.0	1048.4	1026.4	982.4	949.4
155°	1169.7	1184.6	1169.7	1154.8	1151.1	1116.8	1071.2	1048.4	1031.6	998.0	972.8
157.5°	1141.2	1151.7	1141.2	1130.8	1128.2	1101.6	1066.1	1048.4	1036.8	1013.7	996.3
160°	1124.4	1130.3	1124.4	1118.3	1116.8	1094.0	1063.6	1048.4	1039.2	1020.8	1007.1
162.5°	1113.3	1118.9	1113.3	1107.6	1106.1	1086.8	1061.2	1048.4	1041.8	1028.5	1018.5
165°	1097.3	1103.3	1097.3	1091.2	1089.8	1076.0	1057.6	1048.4	1045.3	1039.4	1034.9
167.5°	1085.7	1088.3	1085.7	1083.2	1082.6	1073.6	1061.6	1055.5	1053.0	1047.9	1044.2
170°	1082.6	1082.6	1082.6	1082.6	1082.6	1073.6	1061.6	1055.5	1055.3	1055.1	1054.8
172.5°	1074.2	1072.0	1074.2	1076.4	1076.9	1069.8	1060.3	1055.5	1055.5	1055.5	1055.5
175°	1069.1	1069.1	1069.1	1069.1	1069.1	1064.6	1058.6	1055.5	1057.0	1059.8	1062.0
177.5°	1064.5	1062.0	1064.5	1067.0	1067.6	1064.1	1059.3	1056.9	1058.0	1060.3	1062.0
180°	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0



TEST NUMBER: P935664

CATALOG NUMBER: SQ4-FA-125U-100D-93050-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2
2.5°	1949.6	1938.6	1938.6	1920.4	1913.1	1907.7	1898.6	1871.3	1864.0	1856.8	1867.7
5°	1965.9	1945.9	1931.3	1898.6	1871.3	1860.4	1825.8	1760.4	1716.7	1684.0	1665.8
7.5°	1969.6	1944.0	1916.8	1865.9	1800.4	1771.2	1665.8	1545.8	1513.1	1483.9	1465.7
10°	1965.9	1936.8	1898.6	1822.2	1667.6	1616.7	1511.3	1433.1	1413.1	1407.6	1413.1
12.5°	1953.1	1925.9	1873.1	1745.8	1529.4	1494.8	1433.1	1387.6	1384.0	1393.1	1442.2
15°	1931.3	1905.9	1844.0	1644.0	1453.1	1427.6	1384.0	1367.5	1387.6	1451.2	1598.5
17.5°	1909.5	1880.4	1804.0	1543.9	1394.8	1376.6	1345.7	1378.5	1491.3	1576.7	1625.8
20°	1880.4	1845.9	1758.6	1471.2	1353.0	1336.6	1322.1	1469.4	1554.9	1585.8	1613.0
22.5°	1845.9	1809.5	1696.7	1420.3	1309.4	1296.6	1305.7	1520.3	1554.9	1576.7	1600.4
25°	1800.4	1769.5	1624.0	1380.3	1274.9	1260.3	1294.9	1514.8	1534.8	1540.4	1587.6
27.5°	1758.6	1718.6	1547.6	1344.0	1233.0	1227.5	1304.0	1491.3	1505.8	1511.3	1562.2
30°	1707.6	1647.6	1462.2	1305.7	1189.3	1187.5	1305.7	1462.2	1458.5	1473.1	1523.9
32.5°	1654.9	1542.2	1365.7	1258.4	1147.5	1145.7	1293.0	1418.5	1414.8	1434.8	1473.1
35°	1605.8	1460.3	1234.9	1203.9	1094.8	1096.6	1262.1	1367.5	1369.4	1387.6	1411.2
37.5°	1554.9	1389.4	1091.1	1143.9	1043.9	1043.9	1220.3	1320.3	1316.6	1322.1	1354.8
40°	1494.8	1278.4	963.9	1065.7	996.6	991.1	1169.3	1269.4	1256.6	1254.9	1300.3
42.5°	1431.2	1156.6	869.2	962.0	942.0	934.8	1107.5	1207.5	1183.9	1189.3	1247.5
45°	1362.1	1123.9	796.6	812.9	885.7	880.2	1040.2	1136.6	1120.2	1134.8	1194.8
47.5°	1293.0	1058.4	772.9	674.7	825.7	823.8	965.7	1067.5	1058.4	1073.0	1136.6
50°	1198.4	985.7	771.0	578.3	758.4	765.6	876.6	1000.2	1000.2	1013.0	1080.2
52.5°	1076.5	896.6	700.1	523.7	680.1	701.9	798.4	942.0	945.7	958.3	1018.4
55°	965.7	803.8	649.3	481.9	587.4	634.7	722.0	882.0	889.2	902.0	956.6
57.5°	863.8	669.3	638.3	432.8	501.9	547.4	654.7	823.8	827.5	838.4	891.1
60°	754.7	483.7	585.6	380.1	427.4	461.9	592.8	754.7	767.5	774.7	820.1
62.5°	631.0	351.0	531.0	343.7	391.0	398.3	541.9	689.3	705.6	711.0	738.4
65°	449.2	294.6	451.0	312.8	352.8	354.6	487.4	621.9	636.5	645.6	665.6
67.5°	303.7	240.1	343.7	283.7	323.7	325.5	434.6	543.7	563.7	571.0	583.7
70°	211.0	160.0	254.6	252.8	291.0	294.6	378.3	472.8	491.1	496.5	503.7
72.5°	154.5	129.1	211.0	227.3	256.4	260.1	320.1	392.8	411.0	416.4	420.1
75°	118.2	136.4	171.0	198.2	218.2	220.1	261.9	320.1	332.8	336.4	338.3
77.5°	94.5	127.3	125.4	160.0	178.2	174.5	205.5	247.3	258.2	258.2	258.2
80°	70.9	100.0	94.5	114.5	131.0	127.3	147.3	176.4	180.1	183.6	181.9
82.5°	52.8	63.7	63.7	72.8	87.3	83.7	98.2	114.5	114.5	114.5	118.2
85°	32.8	36.3	29.1	38.2	49.1	47.3	54.6	61.9	63.7	63.7	60.0
87.5°	20.0	16.3	9.1	14.6	21.8	21.8	25.4	27.3	25.4	25.4	25.4
90°	18.5	12.8	7.2	12.8	18.5	19.9	31.3	46.5	54.1	48.1	36.1
92.5°	125.4	77.0	28.5	77.0	125.4	137.6	193.4	267.8	305.0	267.3	192.0
95°	245.8	157.1	68.5	157.1	245.8	268.0	475.8	753.1	891.6	795.6	603.7
97.5°	274.8	196.5	118.3	196.5	274.8	294.3	640.9	1103.2	1334.2	1273.6	1152.3
100°	298.7	227.8	156.8	227.8	298.7	316.4	701.0	1213.9	1470.3	1474.7	1483.6
102.5°	322.0	255.8	189.6	255.8	322.0	338.5	728.6	1248.7	1508.8	1586.1	1740.7
105°	357.3	301.3	245.2	301.3	357.3	371.3	749.0	1252.7	1504.6	1677.8	2024.3
107.5°	406.7	354.4	302.2	354.4	406.7	419.8	752.9	1196.9	1419.0	1660.8	2144.1
110°	435.0	387.8	340.6	387.8	435.0	446.8	747.1	1147.5	1347.7	1617.9	2158.3



TEST NUMBER: P935664

CATALOG NUMBER: SQ4-FA-125U-100D-93050-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	468.4	423.4	378.5	423.4	468.4	479.7	747.4	1104.4	1282.8	1559.3	2112.4
115°	518.5	476.9	435.4	476.9	518.5	528.9	754.3	1054.9	1205.2	1471.6	2004.4
117.5°	567.1	529.5	491.8	529.5	567.1	576.6	768.3	1023.9	1151.7	1392.1	1873.0
120°	595.5	560.1	524.6	560.1	595.5	604.4	779.7	1013.4	1130.3	1350.0	1789.3
122.5°	628.3	592.5	556.7	592.5	628.3	637.2	796.1	1008.0	1114.0	1311.8	1707.5
125°	671.0	638.4	605.8	638.4	671.0	679.2	818.2	1003.5	1096.2	1264.2	1600.3
127.5°	711.6	678.6	645.7	678.6	711.6	719.8	840.3	1000.9	1081.2	1225.5	1514.1
130°	738.0	702.6	667.1	702.6	738.0	746.9	856.4	1002.4	1075.4	1203.9	1460.8
132.5°	760.1	724.7	689.2	724.7	760.1	769.0	869.5	1003.5	1070.5	1185.5	1415.5
135°	786.6	754.3	722.0	754.3	786.6	794.6	883.7	1002.6	1062.0	1158.2	1350.8
137.5°	819.5	787.5	755.4	787.5	819.5	827.5	905.1	1008.7	1060.5	1141.9	1304.7
140°	842.2	812.7	783.3	812.7	842.2	849.5	918.2	1009.7	1055.5	1125.8	1266.5
142.5°	859.1	831.9	804.6	831.9	859.1	865.9	929.2	1013.4	1055.5	1117.3	1240.8
145°	884.9	861.2	837.4	861.2	884.9	890.9	943.4	1013.4	1048.4	1098.9	1200.0
147.5°	916.5	893.4	870.3	893.4	916.5	922.3	964.3	1020.4	1048.4	1088.1	1167.7
150°	933.4	912.6	891.6	912.6	933.4	938.6	975.2	1024.0	1048.4	1082.0	1149.1
152.5°	945.4	929.5	913.7	929.5	945.4	949.4	982.4	1026.4	1048.4	1077.0	1134.4
155°	969.9	958.3	946.5	958.3	969.9	972.8	998.0	1031.6	1048.4	1071.2	1116.8
157.5°	993.5	982.1	970.7	982.1	993.5	996.3	1013.7	1036.8	1048.4	1066.1	1101.6
160°	1004.9	996.0	987.1	996.0	1004.9	1007.1	1020.8	1039.2	1048.4	1063.6	1094.0
162.5°	1016.8	1010.1	1003.5	1010.1	1016.8	1018.5	1028.5	1041.8	1048.4	1061.2	1086.8
165°	1033.4	1027.4	1021.3	1027.4	1033.4	1034.9	1039.4	1045.3	1048.4	1057.6	1076.0
167.5°	1043.4	1040.6	1037.7	1040.6	1043.4	1044.2	1047.9	1053.0	1055.5	1061.6	1073.6
170°	1054.1	1051.2	1048.4	1051.2	1054.1	1054.8	1055.1	1055.3	1055.5	1061.6	1073.6
172.5°	1055.3	1054.7	1054.1	1054.7	1055.3	1055.5	1055.5	1055.5	1055.5	1060.3	1069.8
175°	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1059.8	1057.0	1055.5	1058.6	1064.6
177.5°	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1060.3	1058.0	1056.9	1059.3	1064.1
180°	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0



TEST NUMBER: P935664

CATALOG NUMBER: SQ4-FA-125U-100D-93050-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2
2.5°	1854.9	1849.5	1856.8	1836.8	1856.8	1849.5	1854.9	1867.7	1856.8	1864.0	1871.3
5°	1627.6	1618.5	1589.4	1565.8	1589.4	1618.5	1627.6	1665.8	1684.0	1716.7	1760.4
7.5°	1454.8	1447.6	1440.3	1425.7	1440.3	1447.6	1454.8	1465.7	1483.9	1513.1	1545.8
10°	1416.6	1418.5	1429.4	1427.6	1429.4	1418.5	1416.6	1413.1	1407.6	1413.1	1433.1
12.5°	1514.8	1531.3	1591.3	1587.6	1591.3	1531.3	1514.8	1442.2	1393.1	1384.0	1387.6
15°	1627.6	1633.0	1645.8	1647.6	1645.8	1633.0	1627.6	1598.5	1451.2	1387.6	1367.5
17.5°	1638.5	1640.4	1649.5	1649.5	1649.5	1640.4	1638.5	1625.8	1576.7	1491.3	1378.5
20°	1629.5	1633.0	1651.3	1654.9	1651.3	1633.0	1629.5	1613.0	1585.8	1554.9	1469.4
22.5°	1625.8	1633.0	1647.6	1645.8	1647.6	1633.0	1625.8	1600.4	1576.7	1554.9	1520.3
25°	1607.6	1607.6	1609.5	1611.3	1609.5	1607.6	1607.6	1587.6	1540.4	1534.8	1514.8
27.5°	1569.4	1573.0	1583.9	1582.2	1583.9	1573.0	1569.4	1562.2	1511.3	1505.8	1491.3
30°	1534.8	1531.3	1522.2	1514.8	1522.2	1531.3	1534.8	1523.9	1473.1	1458.5	1462.2
32.5°	1476.7	1467.6	1458.5	1453.1	1458.5	1467.6	1476.7	1473.1	1434.8	1414.8	1418.5
35°	1407.6	1409.4	1407.6	1402.1	1407.6	1409.4	1407.6	1411.2	1387.6	1369.4	1367.5
37.5°	1358.5	1362.1	1360.3	1353.0	1360.3	1362.1	1358.5	1354.8	1322.1	1316.6	1320.3
40°	1307.5	1309.4	1307.5	1302.1	1307.5	1309.4	1307.5	1300.3	1254.9	1256.6	1269.4
42.5°	1258.4	1256.6	1251.2	1247.5	1251.2	1256.6	1258.4	1247.5	1189.3	1183.9	1207.5
45°	1202.1	1203.9	1193.0	1187.5	1193.0	1203.9	1202.1	1194.8	1134.8	1120.2	1136.6
47.5°	1145.7	1145.7	1136.6	1131.2	1136.6	1145.7	1145.7	1136.6	1073.0	1058.4	1067.5
50°	1085.7	1083.9	1071.1	1069.3	1071.1	1083.9	1085.7	1080.2	1013.0	1000.2	1000.2
52.5°	1016.6	1016.6	1018.4	1022.0	1018.4	1016.6	1016.6	1018.4	958.3	945.7	942.0
55°	956.6	958.3	971.1	974.8	971.1	958.3	956.6	956.6	902.0	889.2	882.0
57.5°	894.8	894.8	903.8	903.8	903.8	894.8	894.8	891.1	838.4	827.5	823.8
60°	823.8	827.5	834.7	832.9	834.7	827.5	823.8	820.1	774.7	767.5	754.7
62.5°	749.2	752.9	754.7	751.0	754.7	752.9	749.2	738.4	711.0	705.6	689.3
65°	671.0	674.7	676.5	672.9	676.5	674.7	671.0	665.6	645.6	636.5	621.9
67.5°	591.0	589.3	587.4	594.7	587.4	589.3	591.0	583.7	571.0	563.7	543.7
70°	509.2	509.2	507.4	511.0	507.4	509.2	509.2	503.7	496.5	491.1	472.8
72.5°	421.9	420.1	427.4	421.9	427.4	420.1	421.9	420.1	416.4	411.0	392.8
75°	336.4	340.1	336.4	341.9	336.4	340.1	336.4	338.3	336.4	332.8	320.1
77.5°	256.4	260.1	256.4	256.4	256.4	260.1	256.4	258.2	258.2	258.2	247.3
80°	181.9	180.1	180.1	178.2	180.1	180.1	181.9	181.9	183.6	180.1	176.4
82.5°	116.4	114.5	114.5	118.2	114.5	114.5	116.4	118.2	114.5	114.5	114.5
85°	63.7	65.4	61.9	61.9	61.9	65.4	63.7	60.0	63.7	63.7	61.9
87.5°	23.7	21.8	21.8	21.8	21.8	21.8	23.7	25.4	25.4	25.4	27.3
90°	27.1	27.1	27.1	27.1	27.1	27.1	27.1	36.1	48.1	54.1	46.5
92.5°	135.5	130.0	108.5	86.9	108.5	130.0	135.5	192.0	267.3	305.0	267.8
95°	459.7	443.3	378.1	312.8	378.1	443.3	459.7	603.7	795.6	891.6	753.1
97.5°	1061.2	1030.2	906.0	781.9	906.0	1030.2	1061.2	1152.3	1273.6	1334.2	1103.2
100°	1490.2	1453.3	1305.4	1157.5	1305.4	1453.3	1490.2	1483.6	1474.7	1470.3	1213.9
102.5°	1856.6	1824.9	1698.2	1571.6	1698.2	1824.9	1856.6	1740.7	1586.1	1508.8	1248.7
105°	2284.2	2267.2	2199.1	2131.0	2199.1	2267.2	2284.2	2024.3	1677.8	1504.6	1252.7
107.5°	2506.6	2510.7	2527.1	2543.7	2527.1	2510.7	2506.6	2144.1	1660.8	1419.0	1196.9
110°	2563.7	2581.4	2652.3	2723.3	2652.3	2581.4	2563.7	2158.3	1617.9	1347.7	1147.5



TEST NUMBER: P935664

CATALOG NUMBER: SQ4-FA-125U-100D-93050-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2527.2	2554.5	2663.4	2772.4	2663.4	2554.5	2527.2	2112.4	1559.3	1282.8	1104.4
115°	2404.0	2441.8	2592.9	2743.9	2592.9	2441.8	2404.0	2004.4	1471.6	1205.2	1054.9
117.5°	2233.7	2275.5	2443.1	2610.7	2443.1	2275.5	2233.7	1873.0	1392.1	1151.7	1023.9
120°	2118.9	2159.6	2322.4	2485.2	2322.4	2159.6	2118.9	1789.3	1350.0	1130.3	1013.4
122.5°	2004.2	2044.3	2204.9	2365.5	2204.9	2044.3	2004.2	1707.5	1311.8	1114.0	1008.0
125°	1852.4	1889.4	2037.3	2185.2	2037.3	1889.4	1852.4	1600.3	1264.2	1096.2	1003.5
127.5°	1730.5	1761.7	1886.5	2011.3	1886.5	1761.7	1730.5	1514.1	1225.5	1081.2	1000.9
130°	1653.5	1682.3	1797.7	1912.9	1797.7	1682.3	1653.5	1460.8	1203.9	1075.4	1002.4
132.5°	1587.9	1613.7	1717.0	1820.2	1717.0	1613.7	1587.9	1415.5	1185.5	1070.5	1003.5
135°	1495.3	1517.5	1606.5	1695.5	1606.5	1517.5	1495.3	1350.8	1158.2	1062.0	1002.6
137.5°	1426.8	1445.0	1517.9	1590.7	1517.9	1445.0	1426.8	1304.7	1141.9	1060.5	1008.7
140°	1372.0	1389.0	1457.1	1525.2	1457.1	1389.0	1372.0	1266.5	1125.8	1055.5	1009.7
142.5°	1333.5	1348.2	1406.7	1465.4	1406.7	1348.2	1333.5	1240.8	1117.3	1055.5	1013.4
145°	1275.8	1286.9	1331.2	1375.5	1331.2	1286.9	1275.8	1200.0	1098.9	1048.4	1013.4
147.5°	1227.3	1236.5	1273.3	1310.0	1273.3	1236.5	1227.3	1167.7	1088.1	1048.4	1020.4
150°	1199.5	1207.0	1236.8	1266.5	1236.8	1207.0	1199.5	1149.1	1082.0	1048.4	1024.0
152.5°	1177.4	1183.0	1205.5	1228.0	1205.5	1183.0	1177.4	1134.4	1077.0	1048.4	1026.4
155°	1151.1	1154.8	1169.7	1184.6	1169.7	1154.8	1151.1	1116.8	1071.2	1048.4	1031.6
157.5°	1128.2	1130.8	1141.2	1151.7	1141.2	1130.8	1128.2	1101.6	1066.1	1048.4	1036.8
160°	1116.8	1118.3	1124.4	1130.3	1124.4	1118.3	1116.8	1094.0	1063.6	1048.4	1039.2
162.5°	1106.1	1107.6	1113.3	1118.9	1113.3	1107.6	1106.1	1086.8	1061.2	1048.4	1041.8
165°	1089.8	1091.2	1097.3	1103.3	1097.3	1091.2	1089.8	1076.0	1057.6	1048.4	1045.3
167.5°	1082.6	1083.2	1085.7	1088.3	1085.7	1083.2	1082.6	1073.6	1061.6	1055.5	1053.0
170°	1082.6	1082.6	1082.6	1082.6	1082.6	1082.6	1082.6	1073.6	1061.6	1055.5	1055.3
172.5°	1076.9	1076.4	1074.2	1072.0	1074.2	1076.4	1076.9	1069.8	1060.3	1055.5	1055.5
175°	1069.1	1069.1	1069.1	1069.1	1069.1	1069.1	1069.1	1064.6	1058.6	1055.5	1057.0
177.5°	1067.6	1067.0	1064.5	1062.0	1064.5	1067.0	1067.6	1064.1	1059.3	1056.9	1058.0
180°	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0



TEST NUMBER: P935664

CATALOG NUMBER: SQ4-FA-125U-100D-93050-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1922.2	1922.2	1922.2	1922.2	1922.2
2.5°	1898.6	1907.7	1913.1	1920.4	1938.6
5°	1825.8	1860.4	1871.3	1898.6	1931.3
7.5°	1665.8	1771.2	1800.4	1865.9	1916.8
10°	1511.3	1616.7	1667.6	1822.2	1898.6
12.5°	1433.1	1494.8	1529.4	1745.8	1873.1
15°	1384.0	1427.6	1453.1	1644.0	1844.0
17.5°	1345.7	1376.6	1394.8	1543.9	1804.0
20°	1322.1	1336.6	1353.0	1471.2	1758.6
22.5°	1305.7	1296.6	1309.4	1420.3	1696.7
25°	1294.9	1260.3	1274.9	1380.3	1624.0
27.5°	1304.0	1227.5	1233.0	1344.0	1547.6
30°	1305.7	1187.5	1189.3	1305.7	1462.2
32.5°	1293.0	1145.7	1147.5	1258.4	1365.7
35°	1262.1	1096.6	1094.8	1203.9	1234.9
37.5°	1220.3	1043.9	1043.9	1143.9	1091.1
40°	1169.3	991.1	996.6	1065.7	963.9
42.5°	1107.5	934.8	942.0	962.0	869.2
45°	1040.2	880.2	885.7	812.9	796.6
47.5°	965.7	823.8	825.7	674.7	772.9
50°	876.6	765.6	758.4	578.3	771.0
52.5°	798.4	701.9	680.1	523.7	700.1
55°	722.0	634.7	587.4	481.9	649.3
57.5°	654.7	547.4	501.9	432.8	638.3
60°	592.8	461.9	427.4	380.1	585.6
62.5°	541.9	398.3	391.0	343.7	531.0
65°	487.4	354.6	352.8	312.8	451.0
67.5°	434.6	325.5	323.7	283.7	343.7
70°	378.3	294.6	291.0	252.8	254.6
72.5°	320.1	260.1	256.4	227.3	211.0
75°	261.9	220.1	218.2	198.2	171.0
77.5°	205.5	174.5	178.2	160.0	125.4
80°	147.3	127.3	131.0	114.5	94.5
82.5°	98.2	83.7	87.3	72.8	63.7
85°	54.6	47.3	49.1	38.2	29.1
87.5°	25.4	21.8	21.8	14.6	9.1
90°	31.3	19.9	18.5	12.8	7.2
92.5°	193.4	137.6	125.4	77.0	28.5
95°	475.8	268.0	245.8	157.1	68.5
97.5°	640.9	294.3	274.8	196.5	118.3
100°	701.0	316.4	298.7	227.8	156.8
102.5°	728.6	338.5	322.0	255.8	189.6
105°	749.0	371.3	357.3	301.3	245.2
107.5°	752.9	419.8	406.7	354.4	302.2
110°	747.1	446.8	435.0	387.8	340.6



TEST NUMBER: P935664

CATALOG NUMBER: SQ4-FA-125U-100D-93050-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	747.4	479.7	468.4	423.4	378.5
115°	754.3	528.9	518.5	476.9	435.4
117.5°	768.3	576.6	567.1	529.5	491.8
120°	779.7	604.4	595.5	560.1	524.6
122.5°	796.1	637.2	628.3	592.5	556.7
125°	818.2	679.2	671.0	638.4	605.8
127.5°	840.3	719.8	711.6	678.6	645.7
130°	856.4	746.9	738.0	702.6	667.1
132.5°	869.5	769.0	760.1	724.7	689.2
135°	883.7	794.6	786.6	754.3	722.0
137.5°	905.1	827.5	819.5	787.5	755.4
140°	918.2	849.5	842.2	812.7	783.3
142.5°	929.2	865.9	859.1	831.9	804.6
145°	943.4	890.9	884.9	861.2	837.4
147.5°	964.3	922.3	916.5	893.4	870.3
150°	975.2	938.6	933.4	912.6	891.6
152.5°	982.4	949.4	945.4	929.5	913.7
155°	998.0	972.8	969.9	958.3	946.5
157.5°	1013.7	996.3	993.5	982.1	970.7
160°	1020.8	1007.1	1004.9	996.0	987.1
162.5°	1028.5	1018.5	1016.8	1010.1	1003.5
165°	1039.4	1034.9	1033.4	1027.4	1021.3
167.5°	1047.9	1044.2	1043.4	1040.6	1037.7
170°	1055.1	1054.8	1054.1	1051.2	1048.4
172.5°	1055.5	1055.5	1055.3	1054.7	1054.1
175°	1059.8	1062.0	1062.0	1062.0	1062.0
177.5°	1060.3	1062.0	1062.0	1062.0	1062.0
180°	1062.0	1062.0	1062.0	1062.0	1062.0



TEST NUMBER: P935664
 CATALOG NUMBER: SQ4-FA-125U-100D-93050-1D-UNV-STD-W-6-5000K

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	12.62	13.41	13.64	14.44	15.82	15.44	16.24	16.47	17.27	18.65
	3H	13.09	13.80	14.12	14.84	16.24	16.78	17.49	17.81	18.53	19.93
	4H	13.28	13.95	14.32	14.99	16.40	17.22	17.90	18.27	18.94	20.35
	6H	13.39	14.01	14.45	15.06	16.48	17.50	18.12	18.56	19.17	20.59
	8H	13.39	13.98	14.45	15.05	16.46	17.57	18.16	18.63	19.23	20.64
	12H	13.36	13.92	14.43	14.98	16.42	17.61	18.17	18.67	19.23	20.67
4H	2H	13.64	14.31	14.69	15.36	16.77	15.84	16.52	16.90	17.56	18.97
	3H	14.66	15.22	15.72	16.29	17.71	17.34	17.90	18.40	18.97	20.39
	4H	14.94	15.45	16.00	16.51	17.95	17.87	18.38	18.93	19.44	20.88
	6H	15.06	15.50	16.13	16.58	18.02	18.23	18.67	19.30	19.75	21.19
	8H	15.06	15.47	16.14	16.55	18.00	18.33	18.74	19.41	19.82	21.27
	12H	15.02	15.40	16.12	16.49	17.95	18.38	18.76	19.48	19.85	21.30
8H	4H	15.38	15.80	16.46	16.87	18.33	17.99	18.40	19.06	19.47	20.93
	6H	15.64	15.98	16.74	17.10	18.55	18.42	18.76	19.52	19.88	21.33
	8H	15.68	15.98	16.79	17.08	18.55	18.57	18.87	19.67	19.97	21.44
	12H	15.66	15.93	16.77	17.02	18.53	18.66	18.92	19.77	20.02	21.53
12H	4H	15.39	15.76	16.48	16.85	18.31	17.95	18.32	19.04	19.41	20.87
	6H	15.70	16.00	16.81	17.10	18.57	18.41	18.71	19.52	19.81	21.28
	8H	15.76	16.03	16.87	17.12	18.63	18.57	18.83	19.68	19.93	21.44