

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: P935144

Luminaire Tested: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-8-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935144
REPORT IS A COMBINATION OF REPORTS P933744 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-8-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

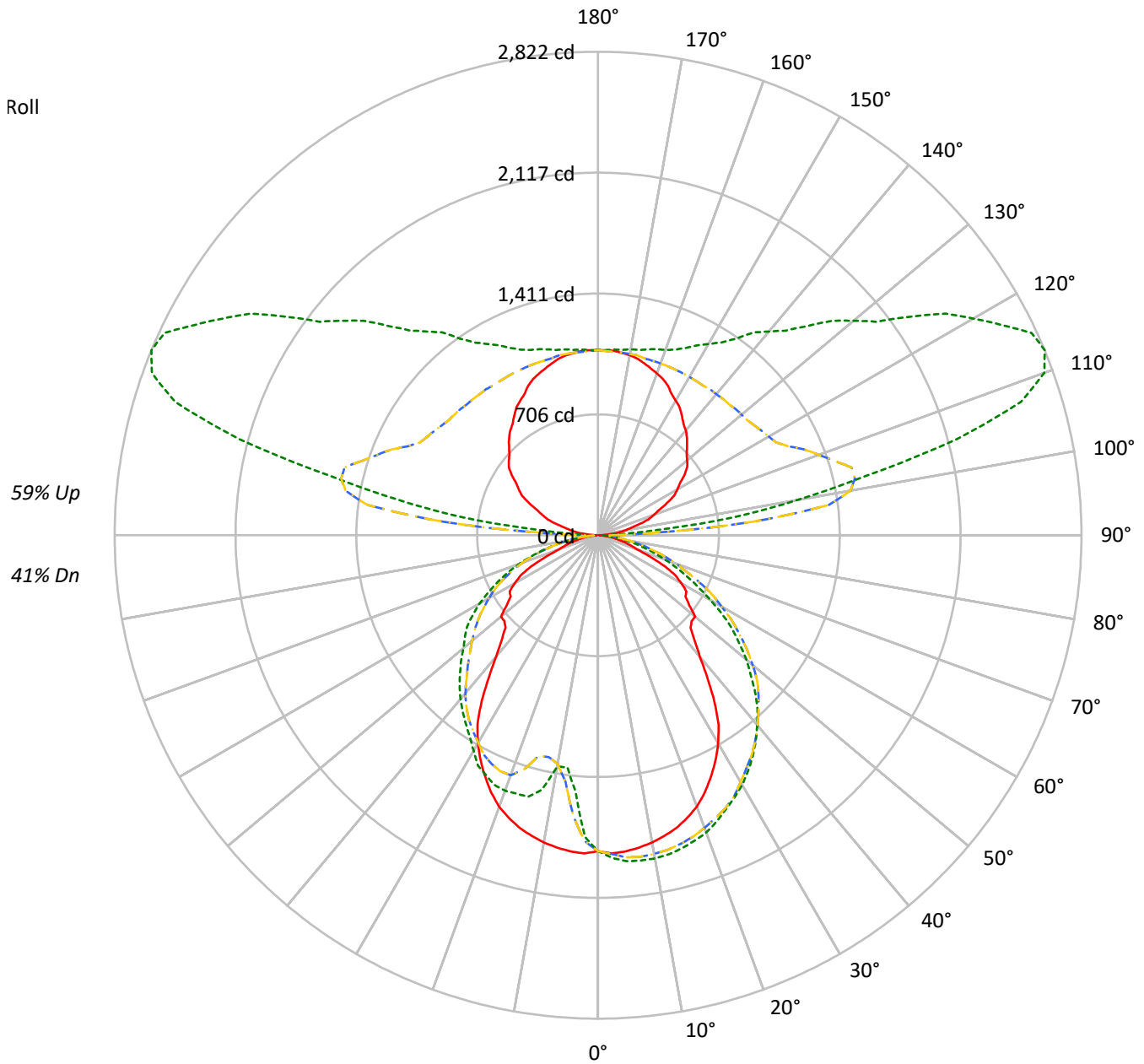
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11790.8 lumens
Efficiency: N/A
Efficacy: 119.8 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 98.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	105	105	105	105	96	96	96	96	78	78	78	62	62	62	47	47	47	41
1	96	91	88	84	87	83	80	77	68	66	64	55	53	52	42	41	40	34
2	87	80	74	69	79	73	68	63	60	56	53	48	45	43	37	35	34	29
3	79	70	63	57	72	64	58	53	53	48	45	42	39	37	33	31	29	24
4	73	62	54	48	66	57	50	45	47	42	38	38	34	31	29	27	25	21
5	67	55	47	41	60	51	44	38	42	37	33	34	30	27	26	24	22	18
6	61	49	41	36	56	45	38	33	38	32	28	31	27	24	24	21	19	16
7	57	45	37	31	51	41	34	29	34	29	25	28	24	21	22	19	17	14
8	52	40	33	27	48	37	30	26	31	26	22	25	21	18	20	17	15	13
9	49	37	29	24	44	34	27	23	28	23	20	23	19	17	18	16	13	11
10	46	34	26	22	41	31	25	20	26	21	18	21	18	15	17	14	12	10

AVERAGE LUMINANCE (cd/sqm):

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

MAXIMUM LUMINANCE 45°-90°:

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



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	166.4	1.4
10°-20°	472.4	4.0
20°-30°	730.3	6.2
30°-40°	871.8	7.4
40°-50°	877.0	7.4
50°-60°	763.1	6.5
60°-70°	541.0	4.6
70°-80°	286.2	2.4
80°-90°	75.4	0.6
90°-100°	526.9	4.5
100°-110°	1385.2	11.7
110°-120°	1436.3	12.2
120°-130°	1152.1	9.8
130°-140°	904.0	7.7
140°-150°	693.8	5.9
150°-160°	499.7	4.2
160°-170°	305.7	2.6
170°-180°	103.3	0.9
0°-30°	1369.2	11.6
0°-40°	2241.0	19.0
0°-60°	3881.0	32.9
0°-90°	4783.8	40.6
90°-120°	3348.4	28.4
90°-150°	6098.3	51.7
90°-180°	7007.0	59.4
0°-180°	11790.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1843	1843	1843	1843	1843	
5°	1852	1910	1852	1502	1852	176
15°	1768	1892	1768	1580	1768	498
25°	1557	1765	1557	1545	1557	715
35°	1184	1575	1184	1345	1184	733
45°	764	1298	764	1139	764	612
55°	623	958	623	935	623	572
65°	432	577	432	645	432	413
75°	164	274	164	328	164	172
85°	28	70	28	59	28	38
90°	7	28	7	28	7	7
95°	70	318	70	318	70	77
105°	250	2169	250	2169	250	265
115°	443	2793	443	2793	443	438
125°	617	2224	617	2224	617	547
135°	735	1726	735	1726	735	569
145°	852	1400	852	1400	852	534
155°	963	1206	963	1206	963	443
165°	1040	1123	1040	1123	1040	293
175°	1081	1088	1081	1088	1081	103
180°	1081	1081	1081	1081	1081	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4
2.5°	1859.1	1859.1	1869.6	1873.0	1873.0	1867.8	1862.6	1867.8	1883.5	1888.7	1887.0
5°	1852.1	1866.1	1885.3	1888.7	1892.2	1890.5	1887.0	1890.5	1907.9	1911.4	1913.2
7.5°	1838.2	1864.3	1888.7	1894.0	1899.2	1894.0	1892.2	1895.7	1913.2	1916.6	1916.6
10°	1820.7	1857.3	1885.3	1888.7	1894.0	1888.7	1888.7	1895.7	1913.2	1916.6	1918.4
12.5°	1796.3	1846.9	1873.0	1876.5	1883.5	1881.8	1880.0	1887.0	1904.4	1907.9	1907.9
15°	1768.4	1827.7	1852.1	1855.6	1867.8	1864.3	1864.3	1871.3	1890.5	1895.7	1894.0
17.5°	1730.0	1803.3	1831.2	1836.4	1845.1	1843.4	1845.1	1852.1	1869.6	1873.0	1874.8
20°	1686.4	1770.1	1803.3	1808.5	1817.2	1817.2	1817.2	1826.0	1843.4	1850.4	1850.4
22.5°	1627.1	1735.3	1770.1	1773.6	1784.1	1784.1	1787.6	1799.8	1815.5	1817.2	1817.2
25°	1557.4	1696.9	1726.5	1737.0	1747.5	1752.7	1757.9	1764.9	1770.1	1768.4	1770.1
27.5°	1484.1	1648.1	1686.4	1693.4	1707.4	1712.6	1719.6	1721.3	1723.1	1728.3	1724.8
30°	1402.1	1580.0	1637.6	1644.6	1667.2	1670.7	1663.8	1667.2	1676.0	1679.5	1682.9
32.5°	1309.7	1478.9	1587.0	1602.7	1623.6	1613.2	1611.4	1616.7	1630.6	1630.6	1634.1
35°	1184.1	1400.4	1539.9	1553.9	1569.6	1557.4	1564.3	1566.1	1574.8	1580.0	1578.3
37.5°	1046.4	1332.4	1491.1	1501.6	1513.8	1498.1	1508.5	1513.8	1520.7	1517.3	1517.3
40°	924.4	1226.0	1433.5	1440.5	1451.0	1438.8	1449.2	1452.7	1456.2	1452.7	1451.0
42.5°	833.7	1109.1	1372.5	1381.2	1374.2	1383.0	1386.4	1393.4	1388.2	1381.2	1381.2
45°	763.9	1077.7	1306.2	1316.7	1306.2	1320.2	1325.4	1325.4	1309.7	1306.2	1304.5
47.5°	741.2	1015.0	1239.9	1239.9	1234.7	1252.2	1260.9	1248.7	1233.0	1227.7	1227.7
50°	739.5	945.3	1149.3	1142.3	1166.7	1187.6	1178.9	1166.7	1154.5	1135.3	1135.3
52.5°	671.5	859.8	1032.5	1058.6	1096.9	1109.1	1095.2	1083.0	1062.1	1053.3	1046.4
55°	622.6	770.9	926.1	978.4	1018.5	1034.2	1008.1	995.9	964.5	959.2	955.7
57.5°	612.2	641.8	828.4	894.7	943.5	941.8	926.1	903.4	877.3	872.0	870.3
60°	561.6	463.9	723.8	802.3	852.8	847.6	833.7	812.7	788.3	784.8	781.3
62.5°	509.3	336.6	605.2	694.1	765.6	763.9	751.7	720.3	702.9	694.1	687.2
65°	432.5	282.5	430.8	577.3	680.2	683.7	657.5	634.8	615.7	605.2	603.4
67.5°	329.6	230.2	291.3	481.4	598.2	594.7	561.6	551.1	526.7	521.5	511.0
70°	244.2	153.5	202.3	390.7	518.0	509.3	483.1	470.9	448.2	436.0	429.0
72.5°	202.3	123.8	148.2	303.5	436.0	425.6	402.9	388.9	369.7	359.3	352.3
75°	163.9	130.8	113.4	225.0	354.0	347.1	326.1	312.2	296.5	282.5	284.3
77.5°	120.3	122.1	90.7	165.7	280.8	270.3	258.1	240.7	233.7	219.8	219.8
80°	90.7	95.9	68.0	113.4	202.3	202.3	191.8	179.6	167.4	160.5	160.5
82.5°	61.0	61.0	50.6	71.5	137.8	132.5	125.6	122.1	115.1	111.6	111.6
85°	27.9	34.9	31.4	43.6	75.0	78.5	78.5	75.0	73.3	69.8	71.5
87.5°	8.7	15.7	19.2	24.4	38.4	40.1	41.9	41.9	41.9	43.6	43.6
90°	7.2	13.1	18.8	20.3	31.9	47.4	55.1	49.0	36.7	27.6	27.6
92.5°	29.0	78.4	127.8	140.0	196.8	272.6	310.4	272.1	195.4	137.9	132.4
95°	69.7	159.9	250.2	272.8	484.3	766.4	907.5	809.9	614.4	467.9	451.4
97.5°	120.4	200.0	279.7	299.6	652.5	1122.8	1358.0	1296.3	1172.8	1080.2	1048.6
100°	159.6	231.8	304.1	322.1	713.6	1235.6	1496.6	1501.1	1510.1	1516.9	1479.2
102.5°	193.0	260.3	327.7	344.5	741.6	1271.0	1535.7	1614.4	1771.8	1889.8	1857.5
105°	249.6	306.6	363.6	377.9	762.4	1275.1	1531.4	1707.7	2060.4	2325.0	2307.7
107.5°	307.6	360.8	414.0	427.3	766.3	1218.3	1444.3	1690.4	2182.4	2551.3	2555.5
110°	346.7	394.8	442.8	454.9	760.5	1168.0	1371.8	1646.8	2196.8	2609.4	2627.4



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	385.2	431.0	476.8	488.3	760.8	1124.1	1305.8	1587.3	2150.2	2572.4	2600.1
115°	443.3	485.5	527.8	538.3	767.7	1073.7	1226.7	1497.9	2040.2	2446.9	2485.4
117.5°	500.5	538.9	577.3	586.9	782.0	1042.2	1172.3	1417.0	1906.4	2273.5	2316.1
120°	533.9	570.0	606.2	615.1	793.6	1031.6	1150.6	1374.2	1821.3	2156.7	2198.1
122.5°	566.6	603.0	639.5	648.5	810.3	1025.9	1133.8	1335.2	1737.9	2039.9	2080.8
125°	616.6	649.8	683.1	691.3	832.8	1021.4	1115.7	1286.8	1628.9	1885.4	1923.1
127.5°	657.3	690.7	724.3	732.7	855.3	1018.8	1100.5	1247.4	1541.1	1761.3	1793.1
130°	679.0	715.1	751.2	760.2	871.7	1020.4	1094.7	1225.4	1486.9	1683.0	1712.3
132.5°	701.5	737.6	773.7	782.7	885.0	1021.4	1089.6	1206.6	1440.7	1616.2	1642.5
135°	734.9	767.7	800.7	808.9	899.6	1020.5	1080.9	1178.9	1374.9	1522.0	1544.6
137.5°	769.0	801.5	834.1	842.2	921.3	1026.7	1079.4	1162.2	1328.0	1452.3	1470.9
140°	797.2	827.2	857.2	864.7	934.6	1027.8	1074.3	1145.9	1289.1	1396.5	1413.8
142.5°	819.0	846.7	874.5	881.4	945.7	1031.4	1074.3	1137.2	1263.0	1357.3	1372.2
145°	852.4	876.6	900.8	906.8	960.3	1031.5	1067.1	1118.6	1221.4	1298.5	1309.8
147.5°	885.7	909.3	932.8	938.7	981.6	1038.6	1067.1	1107.6	1188.5	1249.2	1258.5
150°	907.5	928.8	950.1	955.4	992.6	1042.3	1067.1	1101.3	1169.7	1220.9	1228.5
152.5°	930.0	946.2	962.3	966.3	999.9	1044.7	1067.1	1096.3	1154.7	1198.4	1204.2
155°	963.3	975.3	987.2	990.2	1015.8	1050.0	1067.1	1090.3	1136.8	1171.6	1175.3
157.5°	988.0	999.6	1011.3	1014.2	1031.8	1055.3	1067.1	1085.2	1121.3	1148.4	1151.0
160°	1004.8	1013.8	1022.8	1025.1	1039.1	1057.8	1067.1	1082.6	1113.6	1136.8	1138.4
162.5°	1021.4	1028.2	1035.0	1036.7	1046.8	1060.3	1067.1	1080.2	1106.3	1125.9	1127.4
165°	1039.6	1045.7	1051.8	1053.3	1058.0	1064.1	1067.1	1076.4	1095.2	1109.2	1110.8
167.5°	1056.2	1059.1	1062.1	1062.7	1066.6	1071.7	1074.3	1080.5	1092.7	1101.9	1102.5
170°	1067.1	1070.0	1073.0	1073.6	1073.9	1074.2	1074.3	1080.5	1092.7	1101.9	1101.9
172.5°	1073.0	1073.6	1074.2	1074.3	1074.3	1074.3	1074.3	1079.2	1088.9	1096.1	1095.6
175°	1080.9	1080.9	1080.9	1080.9	1078.7	1075.8	1074.3	1077.4	1083.5	1088.1	1088.1
177.5°	1080.9	1080.9	1080.9	1080.9	1079.2	1077.0	1075.8	1078.3	1083.1	1086.7	1086.1
180°	1080.9	1080.9	1080.9	1080.9	1080.9	1080.9	1080.9	1080.9	1080.9	1080.9	1080.9



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4
2.5°	1890.5	1885.3	1890.5	1887.0	1888.7	1883.5	1867.8	1862.6	1867.8	1873.0	1873.0
5°	1913.2	1909.7	1913.2	1913.2	1911.4	1907.9	1890.5	1887.0	1890.5	1892.2	1888.7
7.5°	1920.1	1914.9	1920.1	1916.6	1916.6	1913.2	1895.7	1892.2	1894.0	1899.2	1894.0
10°	1920.1	1914.9	1920.1	1918.4	1916.6	1913.2	1895.7	1888.7	1888.7	1894.0	1888.7
12.5°	1911.4	1907.9	1911.4	1907.9	1907.9	1904.4	1887.0	1880.0	1881.8	1883.5	1876.5
15°	1897.5	1892.2	1897.5	1894.0	1895.7	1890.5	1871.3	1864.3	1864.3	1867.8	1855.6
17.5°	1876.5	1869.6	1876.5	1874.8	1873.0	1869.6	1852.1	1845.1	1843.4	1845.1	1836.4
20°	1852.1	1846.9	1852.1	1850.4	1850.4	1843.4	1826.0	1817.2	1817.2	1817.2	1808.5
22.5°	1813.7	1808.5	1813.7	1817.2	1817.2	1815.5	1799.8	1787.6	1784.1	1784.1	1773.6
25°	1770.1	1764.9	1770.1	1770.1	1768.4	1770.1	1764.9	1757.9	1752.7	1747.5	1737.0
27.5°	1728.3	1724.8	1728.3	1724.8	1728.3	1723.1	1721.3	1719.6	1712.6	1707.4	1693.4
30°	1686.4	1682.9	1686.4	1682.9	1679.5	1676.0	1667.2	1663.8	1670.7	1667.2	1644.6
32.5°	1634.1	1630.6	1634.1	1634.1	1630.6	1630.6	1616.7	1611.4	1613.2	1623.6	1602.7
35°	1580.0	1574.8	1580.0	1578.3	1580.0	1574.8	1566.1	1564.3	1557.4	1569.6	1553.9
37.5°	1517.3	1512.0	1517.3	1517.3	1517.3	1520.7	1513.8	1508.5	1498.1	1513.8	1501.6
40°	1452.7	1445.7	1452.7	1451.0	1452.7	1456.2	1452.7	1449.2	1438.8	1451.0	1440.5
42.5°	1379.5	1377.7	1379.5	1381.2	1381.2	1388.2	1393.4	1386.4	1383.0	1374.2	1381.2
45°	1301.0	1297.5	1301.0	1304.5	1306.2	1309.7	1325.4	1325.4	1320.2	1306.2	1316.7
47.5°	1217.3	1208.6	1217.3	1227.7	1227.7	1233.0	1248.7	1260.9	1252.2	1234.7	1239.9
50°	1128.3	1130.1	1128.3	1135.3	1135.3	1154.5	1166.7	1178.9	1187.6	1166.7	1142.3
52.5°	1041.1	1039.5	1041.1	1046.4	1053.3	1062.1	1083.0	1095.2	1109.1	1096.9	1058.6
55°	954.0	957.5	954.0	955.7	959.2	964.5	995.9	1008.1	1034.2	1018.5	978.4
57.5°	866.8	861.6	866.8	870.3	872.0	877.3	903.4	926.1	941.8	943.5	894.7
60°	765.6	758.7	765.6	781.3	784.8	788.3	812.7	833.7	847.6	852.8	802.3
62.5°	676.7	664.5	676.7	687.2	694.1	702.9	720.3	751.7	763.9	765.6	694.1
65°	582.5	577.3	582.5	603.4	605.2	615.7	634.8	657.5	683.7	680.2	577.3
67.5°	497.1	497.1	497.1	511.0	521.5	526.7	551.1	561.6	594.7	598.2	481.4
70°	418.6	416.8	418.6	429.0	436.0	448.2	470.9	483.1	509.3	518.0	390.7
72.5°	343.6	341.8	343.6	352.3	359.3	369.7	388.9	402.9	425.6	436.0	303.5
75°	277.3	273.8	277.3	284.3	282.5	296.5	312.2	326.1	347.1	354.0	225.0
77.5°	212.8	212.8	212.8	219.8	219.8	233.7	240.7	258.1	270.3	280.8	165.7
80°	158.7	157.0	158.7	160.5	160.5	167.4	179.6	191.8	202.3	202.3	113.4
82.5°	111.6	108.1	111.6	111.6	111.6	115.1	122.1	125.6	132.5	137.8	71.5
85°	69.8	69.8	69.8	71.5	69.8	73.3	75.0	78.5	78.5	75.0	43.6
87.5°	45.3	43.6	45.3	43.6	43.6	41.9	41.9	41.9	40.1	38.4	24.4
90°	27.6	27.6	27.6	27.6	27.6	36.7	49.0	55.1	47.4	31.9	20.3
92.5°	110.5	88.5	110.5	132.4	137.9	195.4	272.1	310.4	272.6	196.8	140.0
95°	384.9	318.5	384.9	451.4	467.9	614.4	809.9	907.5	766.4	484.3	272.8
97.5°	922.2	795.8	922.2	1048.6	1080.2	1172.8	1296.3	1358.0	1122.8	652.5	299.6
100°	1328.7	1178.1	1328.7	1479.2	1516.9	1510.1	1501.1	1496.6	1235.6	713.6	322.1
102.5°	1728.5	1599.6	1728.5	1857.5	1889.8	1771.8	1614.4	1535.7	1271.0	741.6	344.5
105°	2238.3	2169.0	2238.3	2307.7	2325.0	2060.4	1707.7	1531.4	1275.1	762.4	377.9
107.5°	2572.3	2589.1	2572.3	2555.5	2551.3	2182.4	1690.4	1444.3	1218.3	766.3	427.3
110°	2699.6	2771.8	2699.6	2627.4	2609.4	2196.8	1646.8	1371.8	1168.0	760.5	454.9



TEST NUMBER: P935144

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2711.0	2821.9	2711.0	2600.1	2572.4	2150.2	1587.3	1305.8	1124.1	760.8	488.3
115°	2639.1	2793.0	2639.1	2485.4	2446.9	2040.2	1497.9	1226.7	1073.7	767.7	538.3
117.5°	2486.7	2657.3	2486.7	2316.1	2273.5	1906.4	1417.0	1172.3	1042.2	782.0	586.9
120°	2363.9	2529.6	2363.9	2198.1	2156.7	1821.3	1374.2	1150.6	1031.6	793.6	615.1
122.5°	2244.3	2407.7	2244.3	2080.8	2039.9	1737.9	1335.2	1133.8	1025.9	810.3	648.5
125°	2073.6	2224.2	2073.6	1923.1	1885.4	1628.9	1286.8	1115.7	1021.4	832.8	691.3
127.5°	1920.1	2047.2	1920.1	1793.1	1761.3	1541.1	1247.4	1100.5	1018.8	855.3	732.7
130°	1829.7	1947.1	1829.7	1712.3	1683.0	1486.9	1225.4	1094.7	1020.4	871.7	760.2
132.5°	1747.6	1852.7	1747.6	1642.5	1616.2	1440.7	1206.6	1089.6	1021.4	885.0	782.7
135°	1635.2	1725.8	1635.2	1544.6	1522.0	1374.9	1178.9	1080.9	1020.5	899.6	808.9
137.5°	1545.0	1619.2	1545.0	1470.9	1452.3	1328.0	1162.2	1079.4	1026.7	921.3	842.2
140°	1483.1	1552.4	1483.1	1413.8	1396.5	1289.1	1145.9	1074.3	1027.8	934.6	864.7
142.5°	1431.9	1491.5	1431.9	1372.2	1357.3	1263.0	1137.2	1074.3	1031.4	945.7	881.4
145°	1355.0	1400.1	1355.0	1309.8	1298.5	1221.4	1118.6	1067.1	1031.5	960.3	906.8
147.5°	1295.9	1333.3	1295.9	1258.5	1249.2	1188.5	1107.6	1067.1	1038.6	981.6	938.7
150°	1258.8	1289.1	1258.8	1228.5	1220.9	1169.7	1101.3	1067.1	1042.3	992.6	955.4
152.5°	1227.0	1249.9	1227.0	1204.2	1198.4	1154.7	1096.3	1067.1	1044.7	999.9	966.3
155°	1190.5	1205.7	1190.5	1175.3	1171.6	1136.8	1090.3	1067.1	1050.0	1015.8	990.2
157.5°	1161.6	1172.3	1161.6	1151.0	1148.4	1121.3	1085.2	1067.1	1055.3	1031.8	1014.2
160°	1144.5	1150.6	1144.5	1138.4	1136.8	1113.6	1082.6	1067.1	1057.8	1039.1	1025.1
162.5°	1133.1	1139.0	1133.1	1127.4	1125.9	1106.3	1080.2	1067.1	1060.3	1046.8	1036.7
165°	1116.9	1123.0	1116.9	1110.8	1109.2	1095.2	1076.4	1067.1	1064.1	1058.0	1053.3
167.5°	1105.1	1107.7	1105.1	1102.5	1101.9	1092.7	1080.5	1074.3	1071.7	1066.6	1062.7
170°	1101.9	1101.9	1101.9	1101.9	1101.9	1092.7	1080.5	1074.3	1074.2	1073.9	1073.6
172.5°	1093.4	1091.1	1093.4	1095.6	1096.1	1088.9	1079.2	1074.3	1074.3	1074.3	1074.3
175°	1088.1	1088.1	1088.1	1088.1	1088.1	1083.5	1077.4	1074.3	1075.8	1078.7	1080.9
177.5°	1083.5	1080.9	1083.5	1086.1	1086.7	1083.1	1078.3	1075.8	1077.0	1079.2	1080.9
180°	1080.9	1080.9	1080.9	1080.9	1080.9	1080.9	1080.9	1080.9	1080.9	1080.9	1080.9



TEST NUMBER: P935144

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4
2.5°	1869.6	1859.1	1859.1	1841.6	1834.7	1829.4	1820.7	1794.6	1787.6	1780.6	1791.1
5°	1885.3	1866.1	1852.1	1820.7	1794.6	1784.1	1751.0	1688.2	1646.3	1614.9	1597.5
7.5°	1888.7	1864.3	1838.2	1789.3	1726.5	1698.6	1597.5	1482.4	1451.0	1423.1	1405.6
10°	1885.3	1857.3	1820.7	1747.5	1599.2	1550.4	1449.2	1374.2	1355.1	1349.8	1355.1
12.5°	1873.0	1846.9	1796.3	1674.2	1466.7	1433.5	1374.2	1330.6	1327.1	1335.9	1383.0
15°	1852.1	1827.7	1768.4	1576.6	1393.4	1369.0	1327.1	1311.5	1330.6	1391.7	1532.9
17.5°	1831.2	1803.3	1730.0	1480.6	1337.6	1320.2	1290.5	1321.9	1430.0	1512.0	1559.1
20°	1803.3	1770.1	1686.4	1410.9	1297.5	1281.8	1267.9	1409.1	1491.1	1520.7	1546.9
22.5°	1770.1	1735.3	1627.1	1362.0	1255.6	1243.4	1252.2	1458.0	1491.1	1512.0	1534.7
25°	1726.5	1696.9	1557.4	1323.7	1222.5	1208.6	1241.7	1452.7	1471.9	1477.1	1522.5
27.5°	1686.4	1648.1	1484.1	1288.8	1182.4	1177.2	1250.4	1430.0	1444.0	1449.2	1498.1
30°	1637.6	1580.0	1402.1	1252.2	1140.5	1138.8	1252.2	1402.1	1398.7	1412.6	1461.4
32.5°	1587.0	1478.9	1309.7	1206.8	1100.4	1098.7	1239.9	1360.3	1356.8	1376.0	1412.6
35°	1539.9	1400.4	1184.1	1154.5	1049.8	1051.6	1210.3	1311.5	1313.2	1330.6	1353.3
37.5°	1491.1	1332.4	1046.4	1096.9	1001.1	1001.1	1170.2	1266.1	1262.6	1267.9	1299.2
40°	1433.5	1226.0	924.4	1022.0	955.7	950.5	1121.3	1217.3	1205.1	1203.3	1246.9
42.5°	1372.5	1109.1	833.7	922.6	903.4	896.5	1062.1	1158.0	1135.3	1140.5	1196.3
45°	1306.2	1077.7	763.9	779.6	849.4	844.1	997.6	1090.0	1074.3	1088.2	1145.8
47.5°	1239.9	1015.0	741.2	647.0	791.8	790.1	926.1	1023.8	1015.0	1029.0	1090.0
50°	1149.3	945.3	739.5	554.6	727.3	734.3	840.6	959.2	959.2	971.4	1036.0
52.5°	1032.5	859.8	671.5	502.3	652.3	673.2	765.6	903.4	906.9	919.1	976.7
55°	926.1	770.9	622.6	462.2	563.3	608.7	692.4	845.9	852.8	865.1	917.4
57.5°	828.4	641.8	612.2	415.1	481.4	525.0	627.9	790.1	793.6	804.0	854.6
60°	723.8	463.9	561.6	364.5	409.9	443.0	568.6	723.8	736.0	743.0	786.6
62.5°	605.2	336.6	509.3	329.6	375.0	382.0	519.7	661.0	676.7	681.9	708.1
65°	430.8	282.5	432.5	300.0	338.3	340.1	467.4	596.5	610.4	619.1	638.3
67.5°	291.3	230.2	329.6	272.1	310.4	312.2	416.8	521.5	540.7	547.6	559.8
70°	202.3	153.5	244.2	242.4	279.1	282.5	362.8	453.5	470.9	476.1	483.1
72.5°	148.2	123.8	202.3	218.0	245.9	249.4	307.0	376.7	394.2	399.4	402.9
75°	113.4	130.8	163.9	190.1	209.3	211.0	251.1	307.0	319.2	322.7	324.4
77.5°	90.7	122.1	120.3	153.5	170.9	167.4	197.1	237.2	247.7	247.7	247.7
80°	68.0	95.9	90.7	109.9	125.6	122.1	141.3	169.2	172.7	176.2	174.4
82.5°	50.6	61.0	61.0	69.8	83.7	80.2	94.2	109.9	109.9	109.9	113.4
85°	31.4	34.9	27.9	36.6	47.1	45.3	52.3	59.3	61.0	61.0	57.6
87.5°	19.2	15.7	8.7	14.0	20.9	20.9	24.4	26.2	24.4	24.4	24.4
90°	18.8	13.1	7.2	13.1	18.8	20.3	31.9	47.4	55.1	49.0	36.7
92.5°	127.8	78.4	29.0	78.4	127.8	140.0	196.8	272.6	310.4	272.1	195.4
95°	250.2	159.9	69.7	159.9	250.2	272.8	484.3	766.4	907.5	809.9	614.4
97.5°	279.7	200.0	120.4	200.0	279.7	299.6	652.5	1122.8	1358.0	1296.3	1172.8
100°	304.1	231.8	159.6	231.8	304.1	322.1	713.6	1235.6	1496.6	1501.1	1510.1
102.5°	327.7	260.3	193.0	260.3	327.7	344.5	741.6	1271.0	1535.7	1614.4	1771.8
105°	363.6	306.6	249.6	306.6	363.6	377.9	762.4	1275.1	1531.4	1707.7	2060.4
107.5°	414.0	360.8	307.6	360.8	414.0	427.3	766.3	1218.3	1444.3	1690.4	2182.4
110°	442.8	394.8	346.7	394.8	442.8	454.9	760.5	1168.0	1371.8	1646.8	2196.8



TEST NUMBER: P935144

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	476.8	431.0	385.2	431.0	476.8	488.3	760.8	1124.1	1305.8	1587.3	2150.2
115°	527.8	485.5	443.3	485.5	527.8	538.3	767.7	1073.7	1226.7	1497.9	2040.2
117.5°	577.3	538.9	500.5	538.9	577.3	586.9	782.0	1042.2	1172.3	1417.0	1906.4
120°	606.2	570.0	533.9	570.0	606.2	615.1	793.6	1031.6	1150.6	1374.2	1821.3
122.5°	639.5	603.0	566.6	603.0	639.5	648.5	810.3	1025.9	1133.8	1335.2	1737.9
125°	683.1	649.8	616.6	649.8	683.1	691.3	832.8	1021.4	1115.7	1286.8	1628.9
127.5°	724.3	690.7	657.3	690.7	724.3	732.7	855.3	1018.8	1100.5	1247.4	1541.1
130°	751.2	715.1	679.0	715.1	751.2	760.2	871.7	1020.4	1094.7	1225.4	1486.9
132.5°	773.7	737.6	701.5	737.6	773.7	782.7	885.0	1021.4	1089.6	1206.6	1440.7
135°	800.7	767.7	734.9	767.7	800.7	808.9	899.6	1020.5	1080.9	1178.9	1374.9
137.5°	834.1	801.5	769.0	801.5	834.1	842.2	921.3	1026.7	1079.4	1162.2	1328.0
140°	857.2	827.2	797.2	827.2	857.2	864.7	934.6	1027.8	1074.3	1145.9	1289.1
142.5°	874.5	846.7	819.0	846.7	874.5	881.4	945.7	1031.4	1074.3	1137.2	1263.0
145°	900.8	876.6	852.4	876.6	900.8	906.8	960.3	1031.5	1067.1	1118.6	1221.4
147.5°	932.8	909.3	885.7	909.3	932.8	938.7	981.6	1038.6	1067.1	1107.6	1188.5
150°	950.1	928.8	907.5	928.8	950.1	955.4	992.6	1042.3	1067.1	1101.3	1169.7
152.5°	962.3	946.2	930.0	946.2	962.3	966.3	999.9	1044.7	1067.1	1096.3	1154.7
155°	987.2	975.3	963.3	975.3	987.2	990.2	1015.8	1050.0	1067.1	1090.3	1136.8
157.5°	1011.3	999.6	988.0	999.6	1011.3	1014.2	1031.8	1055.3	1067.1	1085.2	1121.3
160°	1022.8	1013.8	1004.8	1013.8	1022.8	1025.1	1039.1	1057.8	1067.1	1082.6	1113.6
162.5°	1035.0	1028.2	1021.4	1028.2	1035.0	1036.7	1046.8	1060.3	1067.1	1080.2	1106.3
165°	1051.8	1045.7	1039.6	1045.7	1051.8	1053.3	1058.0	1064.1	1067.1	1076.4	1095.2
167.5°	1062.1	1059.1	1056.2	1059.1	1062.1	1062.7	1066.6	1071.7	1074.3	1080.5	1092.7
170°	1073.0	1070.0	1067.1	1070.0	1073.0	1073.6	1073.9	1074.2	1074.3	1080.5	1092.7
172.5°	1074.2	1073.6	1073.0	1073.6	1074.2	1074.3	1074.3	1074.3	1074.3	1079.2	1088.9
175°	1080.9	1080.9	1080.9	1080.9	1080.9	1080.9	1078.7	1075.8	1074.3	1077.4	1083.5
177.5°	1080.9	1080.9	1080.9	1080.9	1080.9	1080.9	1079.2	1077.0	1075.8	1078.3	1083.1
180°	1080.9	1080.9	1080.9	1080.9	1080.9	1080.9	1080.9	1080.9	1080.9	1080.9	1080.9



TEST NUMBER: P935144

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4
2.5°	1778.9	1773.6	1780.6	1761.4	1780.6	1773.6	1778.9	1791.1	1780.6	1787.6	1794.6
5°	1560.9	1552.1	1524.2	1501.6	1524.2	1552.1	1560.9	1597.5	1614.9	1646.3	1688.2
7.5°	1395.2	1388.2	1381.2	1367.3	1381.2	1388.2	1395.2	1405.6	1423.1	1451.0	1482.4
10°	1358.5	1360.3	1370.8	1369.0	1370.8	1360.3	1358.5	1355.1	1349.8	1355.1	1374.2
12.5°	1452.7	1468.4	1526.0	1522.5	1526.0	1468.4	1452.7	1383.0	1335.9	1327.1	1330.6
15°	1560.9	1566.1	1578.3	1580.0	1578.3	1566.1	1560.9	1532.9	1391.7	1330.6	1311.5
17.5°	1571.3	1573.1	1581.8	1581.8	1581.8	1573.1	1571.3	1559.1	1512.0	1430.0	1321.9
20°	1562.6	1566.1	1583.5	1587.0	1583.5	1566.1	1562.6	1546.9	1520.7	1491.1	1409.1
22.5°	1559.1	1566.1	1580.0	1578.3	1580.0	1566.1	1559.1	1534.7	1512.0	1491.1	1458.0
25°	1541.7	1541.7	1543.4	1545.2	1543.4	1541.7	1541.7	1522.5	1477.1	1471.9	1452.7
27.5°	1505.0	1508.5	1519.0	1517.3	1519.0	1508.5	1505.0	1498.1	1449.2	1444.0	1430.0
30°	1471.9	1468.4	1459.7	1452.7	1459.7	1468.4	1471.9	1461.4	1412.6	1398.7	1402.1
32.5°	1416.1	1407.4	1398.7	1393.4	1398.7	1407.4	1416.1	1412.6	1376.0	1356.8	1360.3
35°	1349.8	1351.6	1349.8	1344.6	1349.8	1351.6	1349.8	1353.3	1330.6	1313.2	1311.5
37.5°	1302.7	1306.2	1304.5	1297.5	1304.5	1306.2	1302.7	1299.2	1267.9	1262.6	1266.1
40°	1253.9	1255.6	1253.9	1248.7	1253.9	1255.6	1253.9	1246.9	1203.3	1205.1	1217.3
42.5°	1206.8	1205.1	1199.8	1196.3	1199.8	1205.1	1206.8	1196.3	1140.5	1135.3	1158.0
45°	1152.7	1154.5	1144.0	1138.8	1144.0	1154.5	1152.7	1145.8	1088.2	1074.3	1090.0
47.5°	1098.7	1098.7	1090.0	1084.7	1090.0	1098.7	1098.7	1090.0	1029.0	1015.0	1023.8
50°	1041.1	1039.5	1027.3	1025.5	1027.3	1039.5	1041.1	1036.0	971.4	959.2	959.2
52.5°	974.9	974.9	976.7	980.2	976.7	974.9	974.9	976.7	919.1	906.9	903.4
55°	917.4	919.1	931.3	934.8	931.3	919.1	917.4	917.4	865.1	852.8	845.9
57.5°	858.1	858.1	866.8	866.8	866.8	858.1	858.1	854.6	804.0	793.6	790.1
60°	790.1	793.6	800.5	798.8	800.5	793.6	790.1	786.6	743.0	736.0	723.8
62.5°	718.6	722.0	723.8	720.3	723.8	722.0	718.6	708.1	681.9	676.7	661.0
65°	643.6	647.0	648.8	645.3	648.8	647.0	643.6	638.3	619.1	610.4	596.5
67.5°	566.8	565.1	563.3	570.3	563.3	565.1	566.8	559.8	547.6	540.7	521.5
70°	488.3	488.3	486.6	490.1	486.6	488.3	488.3	483.1	476.1	470.9	453.5
72.5°	404.6	402.9	409.9	404.6	409.9	402.9	404.6	402.9	399.4	394.2	376.7
75°	322.7	326.1	322.7	327.9	322.7	326.1	322.7	324.4	322.7	319.2	307.0
77.5°	245.9	249.4	245.9	245.9	245.9	249.4	245.9	247.7	247.7	247.7	237.2
80°	174.4	172.7	172.7	170.9	172.7	172.7	174.4	174.4	176.2	172.7	169.2
82.5°	111.6	109.9	109.9	113.4	109.9	109.9	111.6	113.4	109.9	109.9	109.9
85°	61.0	62.8	59.3	59.3	59.3	62.8	61.0	57.6	61.0	61.0	59.3
87.5°	22.7	20.9	20.9	20.9	20.9	20.9	22.7	24.4	24.4	24.4	26.2
90°	27.6	27.6	27.6	27.6	27.6	27.6	27.6	36.7	49.0	55.1	47.4
92.5°	137.9	132.4	110.5	88.5	110.5	132.4	137.9	195.4	272.1	310.4	272.6
95°	467.9	451.4	384.9	318.5	384.9	451.4	467.9	614.4	809.9	907.5	766.4
97.5°	1080.2	1048.6	922.2	795.8	922.2	1048.6	1080.2	1172.8	1296.3	1358.0	1122.8
100°	1516.9	1479.2	1328.7	1178.1	1328.7	1479.2	1516.9	1510.1	1501.1	1496.6	1235.6
102.5°	1889.8	1857.5	1728.5	1599.6	1728.5	1857.5	1889.8	1771.8	1614.4	1535.7	1271.0
105°	2325.0	2307.7	2238.3	2169.0	2238.3	2307.7	2325.0	2060.4	1707.7	1531.4	1275.1
107.5°	2551.3	2555.5	2572.3	2589.1	2572.3	2555.5	2551.3	2182.4	1690.4	1444.3	1218.3
110°	2609.4	2627.4	2699.6	2771.8	2699.6	2627.4	2609.4	2196.8	1646.8	1371.8	1168.0



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2572.4	2600.1	2711.0	2821.9	2711.0	2600.1	2572.4	2150.2	1587.3	1305.8	1124.1
115°	2446.9	2485.4	2639.1	2793.0	2639.1	2485.4	2446.9	2040.2	1497.9	1226.7	1073.7
117.5°	2273.5	2316.1	2486.7	2657.3	2486.7	2316.1	2273.5	1906.4	1417.0	1172.3	1042.2
120°	2156.7	2198.1	2363.9	2529.6	2363.9	2198.1	2156.7	1821.3	1374.2	1150.6	1031.6
122.5°	2039.9	2080.8	2244.3	2407.7	2244.3	2080.8	2039.9	1737.9	1335.2	1133.8	1025.9
125°	1885.4	1923.1	2073.6	2224.2	2073.6	1923.1	1885.4	1628.9	1286.8	1115.7	1021.4
127.5°	1761.3	1793.1	1920.1	2047.2	1920.1	1793.1	1761.3	1541.1	1247.4	1100.5	1018.8
130°	1683.0	1712.3	1829.7	1947.1	1829.7	1712.3	1683.0	1486.9	1225.4	1094.7	1020.4
132.5°	1616.2	1642.5	1747.6	1852.7	1747.6	1642.5	1616.2	1440.7	1206.6	1089.6	1021.4
135°	1522.0	1544.6	1635.2	1725.8	1635.2	1544.6	1522.0	1374.9	1178.9	1080.9	1020.5
137.5°	1452.3	1470.9	1545.0	1619.2	1545.0	1470.9	1452.3	1328.0	1162.2	1079.4	1026.7
140°	1396.5	1413.8	1483.1	1552.4	1483.1	1413.8	1396.5	1289.1	1145.9	1074.3	1027.8
142.5°	1357.3	1372.2	1431.9	1491.5	1431.9	1372.2	1357.3	1263.0	1137.2	1074.3	1031.4
145°	1298.5	1309.8	1355.0	1400.1	1355.0	1309.8	1298.5	1221.4	1118.6	1067.1	1031.5
147.5°	1249.2	1258.5	1295.9	1333.3	1295.9	1258.5	1249.2	1188.5	1107.6	1067.1	1038.6
150°	1220.9	1228.5	1258.8	1289.1	1258.8	1228.5	1220.9	1169.7	1101.3	1067.1	1042.3
152.5°	1198.4	1204.2	1227.0	1249.9	1227.0	1204.2	1198.4	1154.7	1096.3	1067.1	1044.7
155°	1171.6	1175.3	1190.5	1205.7	1190.5	1175.3	1171.6	1136.8	1090.3	1067.1	1050.0
157.5°	1148.4	1151.0	1161.6	1172.3	1161.6	1151.0	1148.4	1121.3	1085.2	1067.1	1055.3
160°	1136.8	1138.4	1144.5	1150.6	1144.5	1138.4	1136.8	1113.6	1082.6	1067.1	1057.8
162.5°	1125.9	1127.4	1133.1	1139.0	1133.1	1127.4	1125.9	1106.3	1080.2	1067.1	1060.3
165°	1109.2	1110.8	1116.9	1123.0	1116.9	1110.8	1109.2	1095.2	1076.4	1067.1	1064.1
167.5°	1101.9	1102.5	1105.1	1107.7	1105.1	1102.5	1101.9	1092.7	1080.5	1074.3	1071.7
170°	1101.9	1101.9	1101.9	1101.9	1101.9	1101.9	1101.9	1092.7	1080.5	1074.3	1074.2
172.5°	1096.1	1095.6	1093.4	1091.1	1093.4	1095.6	1096.1	1088.9	1079.2	1074.3	1074.3
175°	1088.1	1088.1	1088.1	1088.1	1088.1	1088.1	1088.1	1083.5	1077.4	1074.3	1075.8
177.5°	1086.7	1086.1	1083.5	1080.9	1083.5	1086.1	1086.7	1083.1	1078.3	1075.8	1077.0
180°	1080.9	1080.9	1080.9	1080.9	1080.9	1080.9	1080.9	1080.9	1080.9	1080.9	1080.9



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1843.4	1843.4	1843.4	1843.4	1843.4
2.5°	1820.7	1829.4	1834.7	1841.6	1859.1
5°	1751.0	1784.1	1794.6	1820.7	1852.1
7.5°	1597.5	1698.6	1726.5	1789.3	1838.2
10°	1449.2	1550.4	1599.2	1747.5	1820.7
12.5°	1374.2	1433.5	1466.7	1674.2	1796.3
15°	1327.1	1369.0	1393.4	1576.6	1768.4
17.5°	1290.5	1320.2	1337.6	1480.6	1730.0
20°	1267.9	1281.8	1297.5	1410.9	1686.4
22.5°	1252.2	1243.4	1255.6	1362.0	1627.1
25°	1241.7	1208.6	1222.5	1323.7	1557.4
27.5°	1250.4	1177.2	1182.4	1288.8	1484.1
30°	1252.2	1138.8	1140.5	1252.2	1402.1
32.5°	1239.9	1098.7	1100.4	1206.8	1309.7
35°	1210.3	1051.6	1049.8	1154.5	1184.1
37.5°	1170.2	1001.1	1001.1	1096.9	1046.4
40°	1121.3	950.5	955.7	1022.0	924.4
42.5°	1062.1	896.5	903.4	922.6	833.7
45°	997.6	844.1	849.4	779.6	763.9
47.5°	926.1	790.1	791.8	647.0	741.2
50°	840.6	734.3	727.3	554.6	739.5
52.5°	765.6	673.2	652.3	502.3	671.5
55°	692.4	608.7	563.3	462.2	622.6
57.5°	627.9	525.0	481.4	415.1	612.2
60°	568.6	443.0	409.9	364.5	561.6
62.5°	519.7	382.0	375.0	329.6	509.3
65°	467.4	340.1	338.3	300.0	432.5
67.5°	416.8	312.2	310.4	272.1	329.6
70°	362.8	282.5	279.1	242.4	244.2
72.5°	307.0	249.4	245.9	218.0	202.3
75°	251.1	211.0	209.3	190.1	163.9
77.5°	197.1	167.4	170.9	153.5	120.3
80°	141.3	122.1	125.6	109.9	90.7
82.5°	94.2	80.2	83.7	69.8	61.0
85°	52.3	45.3	47.1	36.6	27.9
87.5°	24.4	20.9	20.9	14.0	8.7
90°	31.9	20.3	18.8	13.1	7.2
92.5°	196.8	140.0	127.8	78.4	29.0
95°	484.3	272.8	250.2	159.9	69.7
97.5°	652.5	299.6	279.7	200.0	120.4
100°	713.6	322.1	304.1	231.8	159.6
102.5°	741.6	344.5	327.7	260.3	193.0
105°	762.4	377.9	363.6	306.6	249.6
107.5°	766.3	427.3	414.0	360.8	307.6
110°	760.5	454.9	442.8	394.8	346.7



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CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	760.8	488.3	476.8	431.0	385.2
115°	767.7	538.3	527.8	485.5	443.3
117.5°	782.0	586.9	577.3	538.9	500.5
120°	793.6	615.1	606.2	570.0	533.9
122.5°	810.3	648.5	639.5	603.0	566.6
125°	832.8	691.3	683.1	649.8	616.6
127.5°	855.3	732.7	724.3	690.7	657.3
130°	871.7	760.2	751.2	715.1	679.0
132.5°	885.0	782.7	773.7	737.6	701.5
135°	899.6	808.9	800.7	767.7	734.9
137.5°	921.3	842.2	834.1	801.5	769.0
140°	934.6	864.7	857.2	827.2	797.2
142.5°	945.7	881.4	874.5	846.7	819.0
145°	960.3	906.8	900.8	876.6	852.4
147.5°	981.6	938.7	932.8	909.3	885.7
150°	992.6	955.4	950.1	928.8	907.5
152.5°	999.9	966.3	962.3	946.2	930.0
155°	1015.8	990.2	987.2	975.3	963.3
157.5°	1031.8	1014.2	1011.3	999.6	988.0
160°	1039.1	1025.1	1022.8	1013.8	1004.8
162.5°	1046.8	1036.7	1035.0	1028.2	1021.4
165°	1058.0	1053.3	1051.8	1045.7	1039.6
167.5°	1066.6	1062.7	1062.1	1059.1	1056.2
170°	1073.9	1073.6	1073.0	1070.0	1067.1
172.5°	1074.3	1074.3	1074.2	1073.6	1073.0
175°	1078.7	1080.9	1080.9	1080.9	1080.9
177.5°	1079.2	1080.9	1080.9	1080.9	1080.9
180°	1080.9	1080.9	1080.9	1080.9	1080.9



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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	11.33	12.11	12.36	13.15	14.55	14.16	14.95	15.20	15.99	17.39
	3H	11.80	12.50	12.84	13.55	14.97	15.51	16.21	16.55	17.26	18.67
	4H	11.98	12.65	13.04	13.70	15.13	15.95	16.61	17.00	17.66	19.09
	6H	12.10	12.71	13.16	13.77	15.20	16.23	16.84	17.30	17.90	19.34
	8H	12.10	12.68	13.17	13.75	15.18	16.30	16.88	17.37	17.96	19.39
	12H	12.07	12.62	13.14	13.68	15.14	16.34	16.89	17.42	17.96	19.42
4H	2H	12.35	13.01	13.41	14.07	15.49	14.56	15.23	15.62	16.28	17.70
	3H	13.37	13.92	14.44	15.00	16.44	16.06	16.62	17.13	17.70	19.14
	4H	13.64	14.15	14.72	15.22	16.68	16.59	17.10	17.67	18.17	19.63
	6H	13.76	14.20	14.85	15.29	16.75	16.95	17.39	18.04	18.48	19.94
	8H	13.77	14.17	14.85	15.26	16.73	17.06	17.46	18.14	18.55	20.02
	12H	13.73	14.10	14.83	15.20	16.67	17.11	17.48	18.22	18.58	20.06
8H	4H	14.09	14.50	15.18	15.58	17.05	16.71	17.11	17.79	18.20	19.67
	6H	14.35	14.68	15.46	15.81	17.28	17.14	17.48	18.25	18.61	20.07
	8H	14.39	14.69	15.51	15.79	17.28	17.29	17.59	18.41	18.70	20.19
	12H	14.37	14.63	15.49	15.74	17.26	17.39	17.65	18.51	18.76	20.28
12H	4H	14.09	14.46	15.20	15.56	17.04	16.67	17.04	17.77	18.13	19.61
	6H	14.41	14.70	15.52	15.81	17.30	17.14	17.43	18.25	18.54	20.03
	8H	14.47	14.73	15.59	15.84	17.36	17.30	17.56	18.42	18.66	20.19