

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: P935289

Luminaire Tested: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935289
REPORT IS A COMBINATION OF REPORTS P933747 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

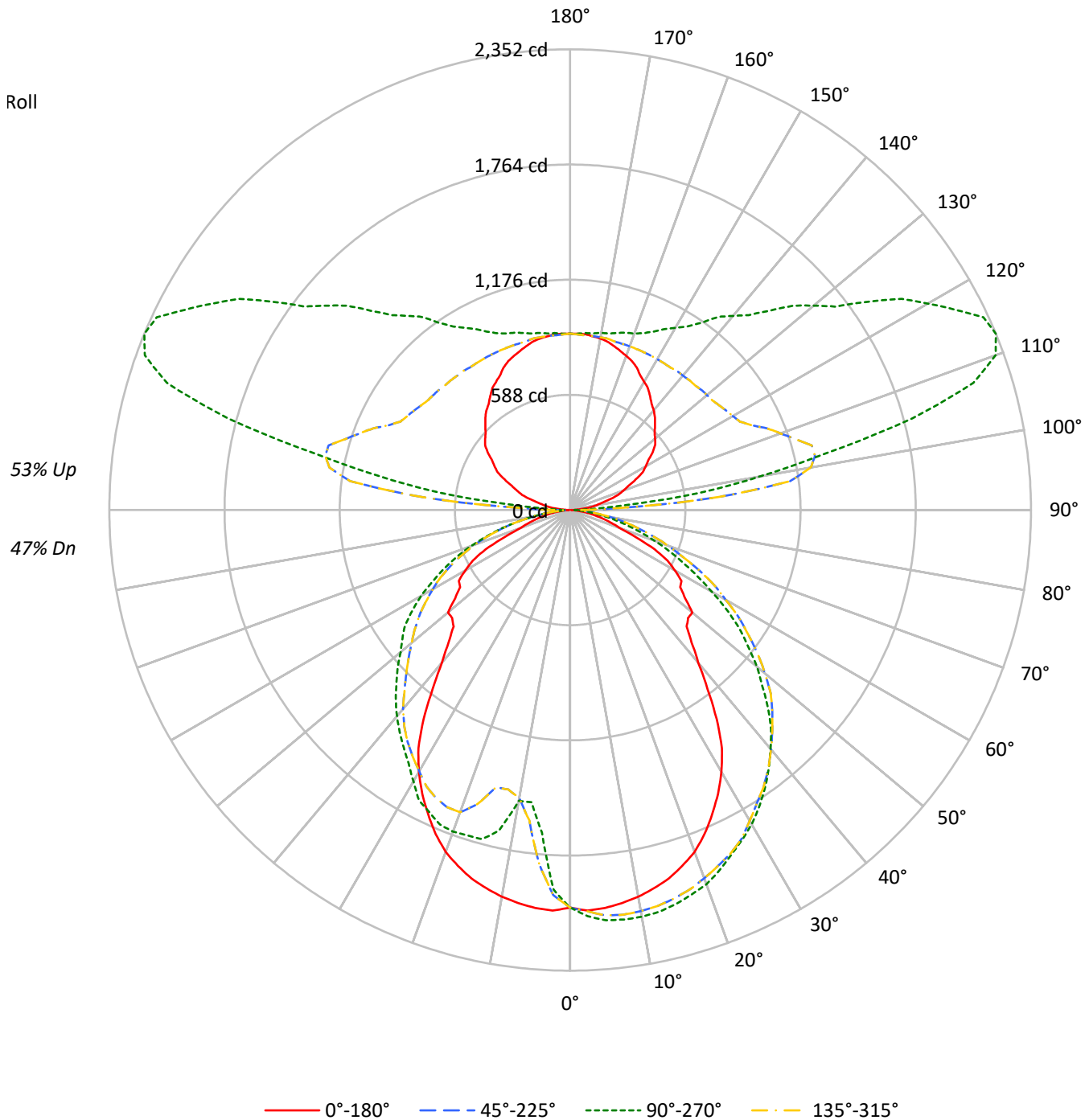
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11105.7 lumens
Efficiency: N/A
Efficacy: 127.7 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): 87
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P935289
CATALOG NUMBER: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-3500K

Luminous Intensity Polar Plot





TEST NUMBER: P935289

CATALOG NUMBER: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-3500K

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	50	30	10	0
RCR																					
0	107	107	107	107	98	98	98	98	82	82	82	67	67	67	54	54	54	47	47	47	47
1	97	93	89	86	89	86	82	79	72	70	67	59	58	56	48	47	46	40	40	40	40
2	89	81	75	70	81	75	70	65	63	59	56	52	49	47	42	40	38	34	34	34	34
3	81	71	64	58	74	66	60	54	56	51	47	46	43	40	37	35	33	28	28	28	28
4	74	63	55	49	68	58	51	46	49	44	40	41	37	34	33	30	28	24	24	24	24
5	68	56	48	42	62	52	45	39	44	39	34	37	33	29	30	27	24	21	21	21	21
6	62	50	42	36	57	47	39	34	40	34	30	33	29	26	27	24	21	19	19	19	19
7	58	45	37	32	53	42	35	30	36	30	26	30	26	23	25	21	19	16	16	16	16
8	53	41	33	28	49	38	31	27	33	27	23	28	23	20	23	19	17	15	15	15	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	15	13	13	13	13
10	46	34	27	22	43	32	26	21	28	22	19	23	19	16	19	16	14	12	12	12	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12556	12556	12556	12556
5°	12645	12674	12645	9966
10°	12556	12485	12556	8926
15°	12415	12214	12415	10199
20°	12151	11894	12151	10221
25°	11614	11427	11614	10005
30°	10923	11039	10923	9528
35°	9733	10548	9733	9006
40°	8105	9970	8105	8611
45°	7238	9294	7238	8157
50°	7683	8487	7683	7701
55°	7222	7618	7222	7438
60°	7435	6470	7435	6813
65°	6731	5349	6731	5979
70°	4649	4262	4649	5011
75°	4062	3151	4062	3773
80°	3248	2084	3248	2268
85°	1830	1103	1830	938

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11100 cd/sqm



TEST NUMBER: P935289

CATALOG NUMBER: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.2	1.6
10°-20°	520.2	4.7
20°-30°	804.1	7.2
30°-40°	960.0	8.6
40°-50°	965.6	8.7
50°-60°	840.2	7.6
60°-70°	595.7	5.4
70°-80°	315.2	2.8
80°-90°	81.9	0.7
90°-100°	439.1	4.0
100°-110°	1154.4	10.4
110°-120°	1197.0	10.8
120°-130°	960.2	8.6
130°-140°	753.4	6.8
140°-150°	578.2	5.2
150°-160°	416.4	3.7
160°-170°	254.8	2.3
170°-180°	86.1	0.8
0°-30°	1507.5	13.6
0°-40°	2467.5	22.2
0°-60°	4273.3	38.5
0°-90°	5266.1	47.4
90°-120°	2790.5	25.1
90°-150°	5082.3	45.8
90°-180°	5840.0	52.6
0°-180°	11105.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2030	2030	2030	2030	2030	
5°	2039	2103	2039	1653	2039	193
15°	1947	2083	1947	1740	1947	548
25°	1715	1943	1715	1701	1715	787
35°	1304	1734	1304	1480	1304	807
45°	841	1429	841	1254	841	674
55°	686	1054	686	1029	686	630
65°	476	636	476	710	476	455
75°	180	302	180	361	180	190
85°	31	77	31	65	31	41
90°	6	23	6	23	6	6
95°	58	265	58	265	58	64
105°	208	1808	208	1808	208	220
115°	369	2328	369	2328	369	365
125°	514	1854	514	1854	514	456
135°	612	1438	612	1438	612	474
145°	710	1167	710	1167	710	445
155°	803	1005	803	1005	803	369
165°	866	936	866	936	866	244
175°	901	907	901	907	901	86
180°	901	901	901	901	901	



TEST NUMBER: P935289

CATALOG NUMBER: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7
2.5°	2047.0	2047.0	2058.5	2062.3	2062.3	2056.6	2050.8	2056.6	2073.9	2079.7	2077.7
5°	2039.3	2054.7	2075.8	2079.7	2083.4	2081.5	2077.7	2081.5	2100.7	2104.6	2106.5
7.5°	2024.0	2052.7	2079.7	2085.4	2091.1	2085.4	2083.4	2087.3	2106.5	2110.4	2110.4
10°	2004.8	2045.1	2075.8	2079.7	2085.4	2079.7	2079.7	2087.3	2106.5	2110.4	2112.2
12.5°	1977.8	2033.5	2062.3	2066.2	2073.9	2071.9	2070.0	2077.7	2096.9	2100.7	2100.7
15°	1947.1	2012.4	2039.3	2043.1	2056.6	2052.7	2052.7	2060.4	2081.5	2087.3	2085.4
17.5°	1904.9	1985.5	2016.3	2022.0	2031.6	2029.7	2031.6	2039.3	2058.5	2062.3	2064.3
20°	1856.9	1949.0	1985.5	1991.3	2000.9	2000.9	2000.9	2010.5	2029.7	2037.4	2037.4
22.5°	1791.6	1910.7	1949.0	1952.9	1964.5	1964.5	1968.2	1981.7	1999.0	2000.9	2000.9
25°	1714.7	1868.4	1901.1	1912.5	1924.0	1929.9	1935.6	1943.3	1949.0	1947.1	1949.0
27.5°	1634.1	1814.6	1856.9	1864.5	1880.0	1885.7	1893.3	1895.3	1897.2	1902.9	1899.1
30°	1543.9	1739.7	1803.1	1810.8	1835.8	1839.5	1831.9	1835.8	1845.4	1849.2	1853.0
32.5°	1442.1	1628.4	1747.4	1764.7	1787.7	1776.2	1774.3	1780.1	1795.5	1795.5	1799.2
35°	1303.9	1542.0	1695.6	1711.0	1728.2	1714.7	1722.5	1724.3	1733.9	1739.7	1737.8
37.5°	1152.1	1467.1	1641.8	1653.3	1666.8	1649.5	1661.0	1666.8	1674.4	1670.7	1670.7
40°	1017.7	1349.9	1578.4	1586.2	1597.7	1584.2	1595.7	1599.5	1603.4	1599.5	1597.7
42.5°	917.8	1221.2	1511.3	1520.8	1513.2	1522.8	1526.6	1534.3	1528.5	1520.8	1520.8
45°	841.1	1186.7	1438.3	1449.8	1438.3	1453.6	1459.4	1459.4	1442.1	1438.3	1436.3
47.5°	816.1	1117.5	1365.3	1365.3	1359.5	1378.7	1388.3	1374.9	1357.6	1351.9	1351.9
50°	814.2	1040.8	1265.4	1257.8	1284.6	1307.7	1298.1	1284.6	1271.2	1250.1	1250.1
52.5°	739.3	946.7	1136.7	1165.6	1207.9	1221.2	1205.9	1192.5	1169.4	1159.8	1152.1
55°	685.6	848.7	1019.7	1077.2	1121.4	1138.7	1109.9	1096.4	1061.9	1056.1	1052.3
57.5°	674.0	706.7	912.1	985.1	1038.9	1036.9	1019.7	994.7	965.9	960.1	958.2
60°	618.3	510.8	796.9	883.3	939.0	933.2	917.8	894.9	867.9	864.2	860.3
62.5°	560.7	370.6	666.3	764.3	843.0	841.1	827.6	793.0	773.8	764.3	756.6
65°	476.3	311.0	474.3	635.6	748.9	752.7	723.9	698.9	677.8	666.3	664.4
67.5°	362.9	253.5	320.6	529.9	658.6	654.9	618.3	606.8	579.9	574.1	562.6
70°	268.8	169.0	222.8	430.1	570.4	560.7	531.9	518.5	493.5	480.0	472.4
72.5°	222.8	136.3	163.2	334.1	480.0	468.5	443.6	428.2	407.1	395.5	387.9
75°	180.5	144.0	124.8	247.7	389.8	382.2	359.1	343.7	326.5	311.0	313.0
77.5°	132.5	134.4	99.8	182.5	309.1	297.7	284.2	265.0	257.3	242.0	242.0
80°	99.8	105.6	74.9	124.8	222.8	222.8	211.2	197.8	184.3	176.6	176.6
82.5°	67.2	67.2	55.7	78.7	151.7	145.9	138.3	134.4	126.7	122.9	122.9
85°	30.7	38.4	34.6	48.0	82.6	86.4	86.4	82.6	80.6	76.8	78.7
87.5°	9.6	17.2	21.1	26.8	42.2	44.2	46.1	46.1	46.1	48.0	48.0
90°	6.0	10.9	15.7	17.0	26.6	39.5	45.9	40.8	30.6	23.0	23.0
92.5°	24.2	65.3	106.4	116.7	164.1	227.1	258.7	226.7	162.8	114.8	110.3
95°	58.0	133.2	208.5	227.3	403.7	638.8	756.3	674.9	512.0	389.9	376.1
97.5°	100.4	166.8	233.1	249.7	543.7	935.8	1131.8	1080.3	977.4	900.2	873.8
100°	133.0	193.2	253.4	268.4	594.7	1029.7	1247.2	1251.0	1258.5	1264.2	1232.8
102.5°	160.9	217.1	273.2	287.2	618.1	1059.3	1279.9	1345.5	1476.6	1574.9	1548.1
105°	207.9	255.5	303.1	315.0	635.5	1062.7	1276.3	1423.3	1717.2	1937.6	1923.2
107.5°	256.3	300.7	345.1	356.1	638.7	1015.3	1203.7	1408.7	1818.7	2126.3	2129.8
110°	289.0	329.0	369.1	379.1	633.8	973.5	1143.2	1372.4	1830.8	2174.6	2189.6



TEST NUMBER: P935289

CATALOG NUMBER: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	321.0	359.2	397.4	406.9	634.0	936.8	1088.2	1322.8	1792.0	2143.8	2166.9
115°	369.4	404.6	439.7	448.6	639.8	894.8	1022.3	1248.3	1700.3	2039.3	2071.3
117.5°	417.2	449.1	481.1	489.1	651.7	868.5	976.9	1180.9	1588.8	1894.7	1930.2
120°	445.0	475.1	505.1	512.7	661.4	859.7	958.8	1145.2	1517.8	1797.4	1831.9
122.5°	472.2	502.5	532.9	540.5	675.3	855.0	945.0	1112.8	1448.4	1700.0	1734.1
125°	513.9	541.6	569.3	576.2	694.1	851.3	929.9	1072.4	1357.5	1571.3	1602.7
127.5°	547.8	575.7	603.7	610.7	712.8	849.0	917.2	1039.5	1284.3	1467.9	1494.4
130°	565.9	596.0	626.1	633.6	726.6	850.4	912.3	1021.2	1239.2	1402.6	1427.0
132.5°	584.6	614.7	644.8	652.3	737.6	851.3	908.0	1005.6	1200.7	1347.0	1368.9
135°	612.4	639.8	667.3	674.1	749.7	850.4	900.8	982.5	1145.8	1268.4	1287.3
137.5°	640.8	667.9	695.2	701.9	767.8	855.7	899.6	968.7	1106.8	1210.4	1225.8
140°	664.4	689.4	714.4	720.6	778.9	856.5	895.4	955.0	1074.3	1163.8	1178.2
142.5°	682.6	705.7	728.8	734.6	788.2	859.6	895.4	947.8	1052.5	1131.1	1143.5
145°	710.4	730.5	750.7	755.7	800.3	859.7	889.3	932.2	1017.9	1082.2	1091.6
147.5°	738.2	757.8	777.3	782.3	817.9	865.5	889.3	923.1	990.5	1041.1	1048.8
150°	756.3	774.0	791.8	796.2	827.2	868.6	889.3	917.8	974.7	1017.4	1023.7
152.5°	775.1	788.6	801.9	805.3	833.3	870.6	889.3	913.7	962.3	998.7	1003.5
155°	802.9	812.8	822.7	825.2	846.6	875.1	889.3	908.7	947.4	976.4	979.6
157.5°	823.5	833.1	842.7	845.2	859.9	879.6	889.3	904.4	934.5	957.1	959.3
160°	837.3	844.9	852.4	854.3	866.0	881.6	889.3	902.2	928.0	947.4	948.7
162.5°	851.3	856.9	862.5	864.0	872.4	883.7	889.3	900.2	922.0	938.3	939.4
165°	866.4	871.4	876.6	877.8	881.7	886.8	889.3	897.1	912.7	924.4	925.7
167.5°	880.2	882.7	885.1	885.7	888.9	893.2	895.4	900.5	910.7	918.3	918.9
170°	889.3	891.8	894.2	894.8	895.0	895.3	895.4	900.5	910.7	918.3	918.3
172.5°	894.2	894.7	895.3	895.4	895.4	895.4	895.4	899.4	907.5	913.5	913.0
175°	900.8	900.8	900.8	900.8	898.9	896.5	895.4	897.9	903.0	906.9	906.9
177.5°	900.8	900.8	900.8	900.8	899.4	897.6	896.6	898.7	902.6	905.6	905.0
180°	900.8	900.8	900.8	900.8	900.8	900.8	900.8	900.8	900.8	900.8	900.8



TEST NUMBER: P935289

CATALOG NUMBER: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7
2.5°	2081.5	2075.8	2081.5	2077.7	2079.7	2073.9	2056.6	2050.8	2056.6	2062.3	2062.3
5°	2106.5	2102.6	2106.5	2106.5	2104.6	2100.7	2081.5	2077.7	2081.5	2083.4	2079.7
7.5°	2114.2	2108.4	2114.2	2110.4	2110.4	2106.5	2087.3	2083.4	2085.4	2091.1	2085.4
10°	2114.2	2108.4	2114.2	2112.2	2110.4	2106.5	2087.3	2079.7	2079.7	2085.4	2079.7
12.5°	2104.6	2100.7	2104.6	2100.7	2100.7	2096.9	2077.7	2070.0	2071.9	2073.9	2066.2
15°	2089.3	2083.4	2089.3	2085.4	2087.3	2081.5	2060.4	2052.7	2052.7	2056.6	2043.1
17.5°	2066.2	2058.5	2066.2	2064.3	2062.3	2058.5	2039.3	2031.6	2029.7	2031.6	2022.0
20°	2039.3	2033.5	2039.3	2037.4	2037.4	2029.7	2010.5	2000.9	2000.9	2000.9	1991.3
22.5°	1997.0	1991.3	1997.0	2000.9	2000.9	1999.0	1981.7	1968.2	1964.5	1964.5	1952.9
25°	1949.0	1943.3	1949.0	1949.0	1947.1	1949.0	1943.3	1935.6	1929.9	1924.0	1912.5
27.5°	1902.9	1899.1	1902.9	1899.1	1902.9	1897.2	1895.3	1893.3	1885.7	1880.0	1864.5
30°	1856.9	1853.0	1856.9	1853.0	1849.2	1845.4	1835.8	1831.9	1839.5	1835.8	1810.8
32.5°	1799.2	1795.5	1799.2	1799.2	1795.5	1795.5	1780.1	1774.3	1776.2	1787.7	1764.7
35°	1739.7	1733.9	1739.7	1737.8	1739.7	1733.9	1724.3	1722.5	1714.7	1728.2	1711.0
37.5°	1670.7	1664.8	1670.7	1670.7	1670.7	1674.4	1666.8	1661.0	1649.5	1666.8	1653.3
40°	1599.5	1591.9	1599.5	1597.7	1599.5	1603.4	1599.5	1595.7	1584.2	1597.7	1586.2
42.5°	1518.9	1517.0	1518.9	1520.8	1520.8	1528.5	1534.3	1526.6	1522.8	1513.2	1520.8
45°	1432.5	1428.7	1432.5	1436.3	1438.3	1442.1	1459.4	1459.4	1453.6	1438.3	1449.8
47.5°	1340.3	1330.7	1340.3	1351.9	1351.9	1357.6	1374.9	1388.3	1378.7	1359.5	1365.3
50°	1242.4	1244.3	1242.4	1250.1	1250.1	1271.2	1284.6	1298.1	1307.7	1284.6	1257.8
52.5°	1146.4	1144.5	1146.4	1152.1	1159.8	1169.4	1192.5	1205.9	1221.2	1207.9	1165.6
55°	1050.4	1054.2	1050.4	1052.3	1056.1	1061.9	1096.4	1109.9	1138.7	1121.4	1077.2
57.5°	954.4	948.6	954.4	958.2	960.1	965.9	994.7	1019.7	1036.9	1038.9	985.1
60°	843.0	835.3	843.0	860.3	864.2	867.9	894.9	917.8	933.2	939.0	883.3
62.5°	745.1	731.6	745.1	756.6	764.3	773.8	793.0	827.6	841.1	843.0	764.3
65°	641.4	635.6	641.4	664.4	666.3	677.8	698.9	723.9	752.7	748.9	635.6
67.5°	547.3	547.3	547.3	562.6	574.1	579.9	606.8	618.3	654.9	658.6	529.9
70°	460.9	458.9	460.9	472.4	480.0	493.5	518.5	531.9	560.7	570.4	430.1
72.5°	378.3	376.4	378.3	387.9	395.5	407.1	428.2	443.6	468.5	480.0	334.1
75°	305.3	301.5	305.3	313.0	311.0	326.5	343.7	359.1	382.2	389.8	247.7
77.5°	234.3	234.3	234.3	242.0	242.0	257.3	265.0	284.2	297.7	309.1	182.5
80°	174.7	172.9	174.7	176.6	176.6	184.3	197.8	211.2	222.8	222.8	124.8
82.5°	122.9	119.1	122.9	122.9	122.9	126.7	134.4	138.3	145.9	151.7	78.7
85°	76.8	76.8	76.8	78.7	76.8	80.6	82.6	86.4	86.4	82.6	48.0
87.5°	49.9	48.0	49.9	48.0	48.0	46.1	46.1	46.1	44.2	42.2	26.8
90°	23.0	23.0	23.0	23.0	23.0	30.6	40.8	45.9	39.5	26.6	17.0
92.5°	92.0	73.7	92.0	110.3	114.8	162.8	226.7	258.7	227.1	164.1	116.7
95°	320.7	265.4	320.7	376.1	389.9	512.0	674.9	756.3	638.8	403.7	227.3
97.5°	768.5	663.2	768.5	873.8	900.2	977.4	1080.3	1131.8	935.8	543.7	249.7
100°	1107.3	981.8	1107.3	1232.8	1264.2	1258.5	1251.0	1247.2	1029.7	594.7	268.4
102.5°	1440.5	1333.1	1440.5	1548.1	1574.9	1476.6	1345.5	1279.9	1059.3	618.1	287.2
105°	1865.4	1807.7	1865.4	1923.2	1937.6	1717.2	1423.3	1276.3	1062.7	635.5	315.0
107.5°	2143.8	2157.8	2143.8	2129.8	2126.3	1818.7	1408.7	1203.7	1015.3	638.7	356.1
110°	2249.9	2310.1	2249.9	2189.6	2174.6	1830.8	1372.4	1143.2	973.5	633.8	379.1



TEST NUMBER: P935289

CATALOG NUMBER: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2259.3	2351.8	2259.3	2166.9	2143.8	1792.0	1322.8	1088.2	936.8	634.0	406.9
115°	2199.4	2327.6	2199.4	2071.3	2039.3	1700.3	1248.3	1022.3	894.8	639.8	448.6
117.5°	2072.4	2214.6	2072.4	1930.2	1894.7	1588.8	1180.9	976.9	868.5	651.7	489.1
120°	1970.1	2108.2	1970.1	1831.9	1797.4	1517.8	1145.2	958.8	859.7	661.4	512.7
122.5°	1870.4	2006.6	1870.4	1734.1	1700.0	1448.4	1112.8	945.0	855.0	675.3	540.5
125°	1728.1	1853.6	1728.1	1602.7	1571.3	1357.5	1072.4	929.9	851.3	694.1	576.2
127.5°	1600.3	1706.1	1600.3	1494.4	1467.9	1284.3	1039.5	917.2	849.0	712.8	610.7
130°	1524.9	1622.7	1524.9	1427.0	1402.6	1239.2	1021.2	912.3	850.4	726.6	633.6
132.5°	1456.5	1544.1	1456.5	1368.9	1347.0	1200.7	1005.6	908.0	851.3	737.6	652.3
135°	1362.8	1438.3	1362.8	1287.3	1268.4	1145.8	982.5	900.8	850.4	749.7	674.1
137.5°	1287.6	1349.4	1287.6	1225.8	1210.4	1106.8	968.7	899.6	855.7	767.8	701.9
140°	1236.1	1293.8	1236.1	1178.2	1163.8	1074.3	955.0	895.4	856.5	778.9	720.6
142.5°	1193.3	1243.0	1193.3	1143.5	1131.1	1052.5	947.8	895.4	859.6	788.2	734.6
145°	1129.3	1166.9	1129.3	1091.6	1082.2	1017.9	932.2	889.3	859.7	800.3	755.7
147.5°	1080.0	1111.2	1080.0	1048.8	1041.1	990.5	923.1	889.3	865.5	817.9	782.3
150°	1049.0	1074.3	1049.0	1023.7	1017.4	974.7	917.8	889.3	868.6	827.2	796.2
152.5°	1022.6	1041.7	1022.6	1003.5	998.7	962.3	913.7	889.3	870.6	833.3	805.3
155°	992.2	1004.8	992.2	979.6	976.4	947.4	908.7	889.3	875.1	846.6	825.2
157.5°	968.1	976.9	968.1	959.3	957.1	934.5	904.4	889.3	879.6	859.9	845.2
160°	953.8	958.8	953.8	948.7	947.4	928.0	902.2	889.3	881.6	866.0	854.3
162.5°	944.3	949.1	944.3	939.4	938.3	922.0	900.2	889.3	883.7	872.4	864.0
165°	930.8	935.9	930.8	925.7	924.4	912.7	897.1	889.3	886.8	881.7	877.8
167.5°	921.0	923.2	921.0	918.9	918.3	910.7	900.5	895.4	893.2	888.9	885.7
170°	918.3	918.3	918.3	918.3	918.3	910.7	900.5	895.4	895.3	895.0	894.8
172.5°	911.2	909.3	911.2	913.0	913.5	907.5	899.4	895.4	895.4	895.4	895.4
175°	906.9	906.9	906.9	906.9	906.9	903.0	897.9	895.4	896.5	898.9	900.8
177.5°	902.9	900.8	902.9	905.0	905.6	902.6	898.7	896.6	897.6	899.4	900.8
180°	900.8	900.8	900.8	900.8	900.8	900.8	900.8	900.8	900.8	900.8	900.8



TEST NUMBER: P935289

CATALOG NUMBER: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7
2.5°	2058.5	2047.0	2047.0	2027.7	2020.1	2014.4	2004.8	1975.9	1968.2	1960.6	1972.1
5°	2075.8	2054.7	2039.3	2004.8	1975.9	1964.5	1927.9	1858.8	1812.7	1778.1	1758.9
7.5°	2079.7	2052.7	2024.0	1970.2	1901.1	1870.3	1758.9	1632.2	1597.7	1566.9	1547.7
10°	2075.8	2045.1	2004.8	1924.0	1760.9	1707.1	1595.7	1513.2	1492.1	1486.3	1492.1
12.5°	2062.3	2033.5	1977.8	1843.4	1614.9	1578.4	1513.2	1465.1	1461.3	1470.9	1522.8
15°	2039.3	2012.4	1947.1	1735.9	1534.3	1507.4	1461.3	1444.0	1465.1	1532.4	1687.9
17.5°	2016.3	1985.5	1904.9	1630.2	1472.8	1453.6	1420.9	1455.5	1574.6	1664.8	1716.7
20°	1985.5	1949.0	1856.9	1553.5	1428.7	1411.3	1396.0	1551.6	1641.8	1674.4	1703.2
22.5°	1949.0	1910.7	1791.6	1499.7	1382.6	1369.1	1378.7	1605.3	1641.8	1664.8	1689.8
25°	1901.1	1868.4	1714.7	1457.5	1346.1	1330.7	1367.3	1599.5	1620.7	1626.5	1676.4
27.5°	1856.9	1814.6	1634.1	1419.1	1301.9	1296.1	1376.9	1574.6	1589.9	1595.7	1649.5
30°	1803.1	1739.7	1543.9	1378.7	1255.8	1253.9	1378.7	1543.9	1540.0	1555.4	1609.1
32.5°	1747.4	1628.4	1442.1	1328.8	1211.6	1209.8	1365.3	1497.8	1493.9	1515.0	1555.4
35°	1695.6	1542.0	1303.9	1271.2	1156.0	1157.9	1332.7	1444.0	1445.9	1465.1	1490.1
37.5°	1641.8	1467.1	1152.1	1207.9	1102.2	1102.2	1288.5	1394.1	1390.2	1396.0	1430.5
40°	1578.4	1349.9	1017.7	1125.3	1052.3	1046.5	1234.7	1340.3	1326.9	1325.0	1373.0
42.5°	1511.3	1221.2	917.8	1015.8	994.7	987.0	1169.4	1275.0	1250.1	1255.8	1317.3
45°	1438.3	1186.7	841.1	858.3	935.2	929.4	1098.4	1200.1	1182.9	1198.3	1261.6
47.5°	1365.3	1117.5	816.1	712.4	871.8	869.9	1019.7	1127.1	1117.5	1133.0	1200.1
50°	1265.4	1040.8	814.2	610.7	800.8	808.4	925.6	1056.1	1056.1	1069.6	1140.6
52.5°	1136.7	946.7	739.3	553.0	718.1	741.2	843.0	994.7	998.6	1011.9	1075.3
55°	1019.7	848.7	685.6	508.8	620.3	670.2	762.3	931.3	939.0	952.4	1010.1
57.5°	912.1	706.7	674.0	457.0	529.9	578.0	691.3	869.9	873.7	885.3	940.9
60°	796.9	510.8	618.3	401.4	451.3	487.7	626.0	796.9	810.4	818.0	866.0
62.5°	666.3	370.6	560.7	362.9	412.9	420.5	572.2	727.8	745.1	750.8	779.7
65°	474.3	311.0	476.3	330.2	372.5	374.4	514.6	656.7	672.1	681.7	702.8
67.5°	320.6	253.5	362.9	299.5	341.8	343.7	458.9	574.1	595.3	602.9	616.4
70°	222.8	169.0	268.8	267.0	307.3	311.0	399.4	499.2	518.5	524.2	531.9
72.5°	163.2	136.3	222.8	240.0	270.7	274.6	338.0	414.7	434.0	439.7	443.6
75°	124.8	144.0	180.5	209.3	230.4	232.4	276.6	338.0	351.4	355.2	357.2
77.5°	99.8	134.4	132.5	169.0	188.2	184.3	217.0	261.1	272.7	272.7	272.7
80°	74.9	105.6	99.8	120.9	138.3	134.4	155.5	186.2	190.1	193.9	192.1
82.5°	55.7	67.2	67.2	76.8	92.2	88.4	103.7	120.9	120.9	120.9	124.8
85°	34.6	38.4	30.7	40.3	51.8	49.9	57.7	65.3	67.2	67.2	63.4
87.5°	21.1	17.2	9.6	15.4	23.1	23.1	26.8	28.8	26.8	26.8	26.8
90°	15.7	10.9	6.0	10.9	15.7	17.0	26.6	39.5	45.9	40.8	30.6
92.5°	106.4	65.3	24.2	65.3	106.4	116.7	164.1	227.1	258.7	226.7	162.8
95°	208.5	133.2	58.0	133.2	208.5	227.3	403.7	638.8	756.3	674.9	512.0
97.5°	233.1	166.8	100.4	166.8	233.1	249.7	543.7	935.8	1131.8	1080.3	977.4
100°	253.4	193.2	133.0	193.2	253.4	268.4	594.7	1029.7	1247.2	1251.0	1258.5
102.5°	273.2	217.1	160.9	217.1	273.2	287.2	618.1	1059.3	1279.9	1345.5	1476.6
105°	303.1	255.5	207.9	255.5	303.1	315.0	635.5	1062.7	1276.3	1423.3	1717.2
107.5°	345.1	300.7	256.3	300.7	345.1	356.1	638.7	1015.3	1203.7	1408.7	1818.7
110°	369.1	329.0	289.0	329.0	369.1	379.1	633.8	973.5	1143.2	1372.4	1830.8



TEST NUMBER: P935289

CATALOG NUMBER: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	397.4	359.2	321.0	359.2	397.4	406.9	634.0	936.8	1088.2	1322.8	1792.0
115°	439.7	404.6	369.4	404.6	439.7	448.6	639.8	894.8	1022.3	1248.3	1700.3
117.5°	481.1	449.1	417.2	449.1	481.1	489.1	651.7	868.5	976.9	1180.9	1588.8
120°	505.1	475.1	445.0	475.1	505.1	512.7	661.4	859.7	958.8	1145.2	1517.8
122.5°	532.9	502.5	472.2	502.5	532.9	540.5	675.3	855.0	945.0	1112.8	1448.4
125°	569.3	541.6	513.9	541.6	569.3	576.2	694.1	851.3	929.9	1072.4	1357.5
127.5°	603.7	575.7	547.8	575.7	603.7	610.7	712.8	849.0	917.2	1039.5	1284.3
130°	626.1	596.0	565.9	596.0	626.1	633.6	726.6	850.4	912.3	1021.2	1239.2
132.5°	644.8	614.7	584.6	614.7	644.8	652.3	737.6	851.3	908.0	1005.6	1200.7
135°	667.3	639.8	612.4	639.8	667.3	674.1	749.7	850.4	900.8	982.5	1145.8
137.5°	695.2	667.9	640.8	667.9	695.2	701.9	767.8	855.7	899.6	968.7	1106.8
140°	714.4	689.4	664.4	689.4	714.4	720.6	778.9	856.5	895.4	955.0	1074.3
142.5°	728.8	705.7	682.6	705.7	728.8	734.6	788.2	859.6	895.4	947.8	1052.5
145°	750.7	730.5	710.4	730.5	750.7	755.7	800.3	859.7	889.3	932.2	1017.9
147.5°	777.3	757.8	738.2	757.8	777.3	782.3	817.9	865.5	889.3	923.1	990.5
150°	791.8	774.0	756.3	774.0	791.8	796.2	827.2	868.6	889.3	917.8	974.7
152.5°	801.9	788.6	775.1	788.6	801.9	805.3	833.3	870.6	889.3	913.7	962.3
155°	822.7	812.8	802.9	812.8	822.7	825.2	846.6	875.1	889.3	908.7	947.4
157.5°	842.7	833.1	823.5	833.1	842.7	845.2	859.9	879.6	889.3	904.4	934.5
160°	852.4	844.9	837.3	844.9	852.4	854.3	866.0	881.6	889.3	902.2	928.0
162.5°	862.5	856.9	851.3	856.9	862.5	864.0	872.4	883.7	889.3	900.2	922.0
165°	876.6	871.4	866.4	871.4	876.6	877.8	881.7	886.8	889.3	897.1	912.7
167.5°	885.1	882.7	880.2	882.7	885.1	885.7	888.9	893.2	895.4	900.5	910.7
170°	894.2	891.8	889.3	891.8	894.2	894.8	895.0	895.3	895.4	900.5	910.7
172.5°	895.3	894.7	894.2	894.7	895.3	895.4	895.4	895.4	895.4	899.4	907.5
175°	900.8	900.8	900.8	900.8	900.8	900.8	898.9	896.5	895.4	897.9	903.0
177.5°	900.8	900.8	900.8	900.8	900.8	900.8	899.4	897.6	896.6	898.7	902.6
180°	900.8	900.8	900.8	900.8	900.8	900.8	900.8	900.8	900.8	900.8	900.8



TEST NUMBER: P935289

CATALOG NUMBER: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7
2.5°	1958.6	1952.9	1960.6	1939.5	1960.6	1952.9	1958.6	1972.1	1960.6	1968.2	1975.9
5°	1718.6	1709.0	1678.3	1653.3	1678.3	1709.0	1718.6	1758.9	1778.1	1812.7	1858.8
7.5°	1536.2	1528.5	1520.8	1505.4	1520.8	1528.5	1536.2	1547.7	1566.9	1597.7	1632.2
10°	1495.8	1497.8	1509.3	1507.4	1509.3	1497.8	1495.8	1492.1	1486.3	1492.1	1513.2
12.5°	1599.5	1616.9	1680.2	1676.4	1680.2	1616.9	1599.5	1522.8	1470.9	1461.3	1465.1
15°	1718.6	1724.3	1737.8	1739.7	1737.8	1724.3	1718.6	1687.9	1532.4	1465.1	1444.0
17.5°	1730.1	1732.1	1741.7	1741.7	1741.7	1732.1	1730.1	1716.7	1664.8	1574.6	1455.5
20°	1720.6	1724.3	1743.6	1747.4	1743.6	1724.3	1720.6	1703.2	1674.4	1641.8	1551.6
22.5°	1716.7	1724.3	1739.7	1737.8	1739.7	1724.3	1716.7	1689.8	1664.8	1641.8	1605.3
25°	1697.5	1697.5	1699.4	1701.4	1699.4	1697.5	1697.5	1676.4	1626.5	1620.7	1599.5
27.5°	1657.2	1661.0	1672.5	1670.7	1672.5	1661.0	1657.2	1649.5	1595.7	1589.9	1574.6
30°	1620.7	1616.9	1607.3	1599.5	1607.3	1616.9	1620.7	1609.1	1555.4	1540.0	1543.9
32.5°	1559.2	1549.6	1540.0	1534.3	1540.0	1549.6	1559.2	1555.4	1515.0	1493.9	1497.8
35°	1486.3	1488.2	1486.3	1480.5	1486.3	1488.2	1486.3	1490.1	1465.1	1445.9	1444.0
37.5°	1434.4	1438.3	1436.3	1428.7	1436.3	1438.3	1434.4	1430.5	1396.0	1390.2	1394.1
40°	1380.6	1382.6	1380.6	1374.9	1380.6	1382.6	1380.6	1373.0	1325.0	1326.9	1340.3
42.5°	1328.8	1326.9	1321.1	1317.3	1321.1	1326.9	1328.8	1317.3	1255.8	1250.1	1275.0
45°	1269.3	1271.2	1259.7	1253.9	1259.7	1271.2	1269.3	1261.6	1198.3	1182.9	1200.1
47.5°	1209.8	1209.8	1200.1	1194.4	1200.1	1209.8	1209.8	1200.1	1133.0	1117.5	1127.1
50°	1146.4	1144.5	1131.0	1129.1	1131.0	1144.5	1146.4	1140.6	1069.6	1056.1	1056.1
52.5°	1073.5	1073.5	1075.3	1079.2	1075.3	1073.5	1073.5	1075.3	1011.9	998.6	994.7
55°	1010.1	1011.9	1025.4	1029.3	1025.4	1011.9	1010.1	1010.1	952.4	939.0	931.3
57.5°	944.8	944.8	954.4	954.4	954.4	944.8	944.8	940.9	885.3	873.7	869.9
60°	869.9	873.7	881.4	879.5	881.4	873.7	869.9	866.0	818.0	810.4	796.9
62.5°	791.1	795.0	796.9	793.0	796.9	795.0	791.1	779.7	750.8	745.1	727.8
65°	708.5	712.4	714.3	710.5	714.3	712.4	708.5	702.8	681.7	672.1	656.7
67.5°	624.0	622.2	620.3	627.9	620.3	622.2	624.0	616.4	602.9	595.3	574.1
70°	537.7	537.7	535.8	539.5	535.8	537.7	537.7	531.9	524.2	518.5	499.2
72.5°	445.4	443.6	451.3	445.4	451.3	443.6	445.4	443.6	439.7	434.0	414.7
75°	355.2	359.1	355.2	361.0	355.2	359.1	355.2	357.2	355.2	351.4	338.0
77.5°	270.7	274.6	270.7	270.7	270.7	274.6	270.7	272.7	272.7	272.7	261.1
80°	192.1	190.1	190.1	188.2	190.1	190.1	192.1	192.1	193.9	190.1	186.2
82.5°	122.9	120.9	120.9	124.8	120.9	120.9	122.9	124.8	120.9	120.9	120.9
85°	67.2	69.1	65.3	65.3	65.3	69.1	67.2	63.4	67.2	67.2	65.3
87.5°	25.0	23.1	23.1	23.1	23.1	23.1	25.0	26.8	26.8	26.8	28.8
90°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	30.6	40.8	45.9	39.5
92.5°	114.8	110.3	92.0	73.7	92.0	110.3	114.8	162.8	226.7	258.7	227.1
95°	389.9	376.1	320.7	265.4	320.7	376.1	389.9	512.0	674.9	756.3	638.8
97.5°	900.2	873.8	768.5	663.2	768.5	873.8	900.2	977.4	1080.3	1131.8	935.8
100°	1264.2	1232.8	1107.3	981.8	1107.3	1232.8	1264.2	1258.5	1251.0	1247.2	1029.7
102.5°	1574.9	1548.1	1440.5	1333.1	1440.5	1548.1	1574.9	1476.6	1345.5	1279.9	1059.3
105°	1937.6	1923.2	1865.4	1807.7	1865.4	1923.2	1937.6	1717.2	1423.3	1276.3	1062.7
107.5°	2126.3	2129.8	2143.8	2157.8	2143.8	2129.8	2126.3	1818.7	1408.7	1203.7	1015.3
110°	2174.6	2189.6	2249.9	2310.1	2249.9	2189.6	2174.6	1830.8	1372.4	1143.2	973.5



TEST NUMBER: P935289

CATALOG NUMBER: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2143.8	2166.9	2259.3	2351.8	2259.3	2166.9	2143.8	1792.0	1322.8	1088.2	936.8
115°	2039.3	2071.3	2199.4	2327.6	2199.4	2071.3	2039.3	1700.3	1248.3	1022.3	894.8
117.5°	1894.7	1930.2	2072.4	2214.6	2072.4	1930.2	1894.7	1588.8	1180.9	976.9	868.5
120°	1797.4	1831.9	1970.1	2108.2	1970.1	1831.9	1797.4	1517.8	1145.2	958.8	859.7
122.5°	1700.0	1734.1	1870.4	2006.6	1870.4	1734.1	1700.0	1448.4	1112.8	945.0	855.0
125°	1571.3	1602.7	1728.1	1853.6	1728.1	1602.7	1571.3	1357.5	1072.4	929.9	851.3
127.5°	1467.9	1494.4	1600.3	1706.1	1600.3	1494.4	1467.9	1284.3	1039.5	917.2	849.0
130°	1402.6	1427.0	1524.9	1622.7	1524.9	1427.0	1402.6	1239.2	1021.2	912.3	850.4
132.5°	1347.0	1368.9	1456.5	1544.1	1456.5	1368.9	1347.0	1200.7	1005.6	908.0	851.3
135°	1268.4	1287.3	1362.8	1438.3	1362.8	1287.3	1268.4	1145.8	982.5	900.8	850.4
137.5°	1210.4	1225.8	1287.6	1349.4	1287.6	1225.8	1210.4	1106.8	968.7	899.6	855.7
140°	1163.8	1178.2	1236.1	1293.8	1236.1	1178.2	1163.8	1074.3	955.0	895.4	856.5
142.5°	1131.1	1143.5	1193.3	1243.0	1193.3	1143.5	1131.1	1052.5	947.8	895.4	859.6
145°	1082.2	1091.6	1129.3	1166.9	1129.3	1091.6	1082.2	1017.9	932.2	889.3	859.7
147.5°	1041.1	1048.8	1080.0	1111.2	1080.0	1048.8	1041.1	990.5	923.1	889.3	865.5
150°	1017.4	1023.7	1049.0	1074.3	1049.0	1023.7	1017.4	974.7	917.8	889.3	868.6
152.5°	998.7	1003.5	1022.6	1041.7	1022.6	1003.5	998.7	962.3	913.7	889.3	870.6
155°	976.4	979.6	992.2	1004.8	992.2	979.6	976.4	947.4	908.7	889.3	875.1
157.5°	957.1	959.3	968.1	976.9	968.1	959.3	957.1	934.5	904.4	889.3	879.6
160°	947.4	948.7	953.8	958.8	953.8	948.7	947.4	928.0	902.2	889.3	881.6
162.5°	938.3	939.4	944.3	949.1	944.3	939.4	938.3	922.0	900.2	889.3	883.7
165°	924.4	925.7	930.8	935.9	930.8	925.7	924.4	912.7	897.1	889.3	886.8
167.5°	918.3	918.9	921.0	923.2	921.0	918.9	918.3	910.7	900.5	895.4	893.2
170°	918.3	918.3	918.3	918.3	918.3	918.3	918.3	910.7	900.5	895.4	895.3
172.5°	913.5	913.0	911.2	909.3	911.2	913.0	913.5	907.5	899.4	895.4	895.4
175°	906.9	906.9	906.9	906.9	906.9	906.9	906.9	903.0	897.9	895.4	896.5
177.5°	905.6	905.0	902.9	900.8	902.9	905.0	905.6	902.6	898.7	896.6	897.6
180°	900.8	900.8	900.8	900.8	900.8	900.8	900.8	900.8	900.8	900.8	900.8



TEST NUMBER: P935289

CATALOG NUMBER: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2029.7	2029.7	2029.7	2029.7	2029.7
2.5°	2004.8	2014.4	2020.1	2027.7	2047.0
5°	1927.9	1964.5	1975.9	2004.8	2039.3
7.5°	1758.9	1870.3	1901.1	1970.2	2024.0
10°	1595.7	1707.1	1760.9	1924.0	2004.8
12.5°	1513.2	1578.4	1614.9	1843.4	1977.8
15°	1461.3	1507.4	1534.3	1735.9	1947.1
17.5°	1420.9	1453.6	1472.8	1630.2	1904.9
20°	1396.0	1411.3	1428.7	1553.5	1856.9
22.5°	1378.7	1369.1	1382.6	1499.7	1791.6
25°	1367.3	1330.7	1346.1	1457.5	1714.7
27.5°	1376.9	1296.1	1301.9	1419.1	1634.1
30°	1378.7	1253.9	1255.8	1378.7	1543.9
32.5°	1365.3	1209.8	1211.6	1328.8	1442.1
35°	1332.7	1157.9	1156.0	1271.2	1303.9
37.5°	1288.5	1102.2	1102.2	1207.9	1152.1
40°	1234.7	1046.5	1052.3	1125.3	1017.7
42.5°	1169.4	987.0	994.7	1015.8	917.8
45°	1098.4	929.4	935.2	858.3	841.1
47.5°	1019.7	869.9	871.8	712.4	816.1
50°	925.6	808.4	800.8	610.7	814.2
52.5°	843.0	741.2	718.1	553.0	739.3
55°	762.3	670.2	620.3	508.8	685.6
57.5°	691.3	578.0	529.9	457.0	674.0
60°	626.0	487.7	451.3	401.4	618.3
62.5°	572.2	420.5	412.9	362.9	560.7
65°	514.6	374.4	372.5	330.2	476.3
67.5°	458.9	343.7	341.8	299.5	362.9
70°	399.4	311.0	307.3	267.0	268.8
72.5°	338.0	274.6	270.7	240.0	222.8
75°	276.6	232.4	230.4	209.3	180.5
77.5°	217.0	184.3	188.2	169.0	132.5
80°	155.5	134.4	138.3	120.9	99.8
82.5°	103.7	88.4	92.2	76.8	67.2
85°	57.7	49.9	51.8	40.3	30.7
87.5°	26.8	23.1	23.1	15.4	9.6
90°	26.6	17.0	15.7	10.9	6.0
92.5°	164.1	116.7	106.4	65.3	24.2
95°	403.7	227.3	208.5	133.2	58.0
97.5°	543.7	249.7	233.1	166.8	100.4
100°	594.7	268.4	253.4	193.2	133.0
102.5°	618.1	287.2	273.2	217.1	160.9
105°	635.5	315.0	303.1	255.5	207.9
107.5°	638.7	356.1	345.1	300.7	256.3
110°	633.8	379.1	369.1	329.0	289.0



TEST NUMBER: P935289

CATALOG NUMBER: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	634.0	406.9	397.4	359.2	321.0
115°	639.8	448.6	439.7	404.6	369.4
117.5°	651.7	489.1	481.1	449.1	417.2
120°	661.4	512.7	505.1	475.1	445.0
122.5°	675.3	540.5	532.9	502.5	472.2
125°	694.1	576.2	569.3	541.6	513.9
127.5°	712.8	610.7	603.7	575.7	547.8
130°	726.6	633.6	626.1	596.0	565.9
132.5°	737.6	652.3	644.8	614.7	584.6
135°	749.7	674.1	667.3	639.8	612.4
137.5°	767.8	701.9	695.2	667.9	640.8
140°	778.9	720.6	714.4	689.4	664.4
142.5°	788.2	734.6	728.8	705.7	682.6
145°	800.3	755.7	750.7	730.5	710.4
147.5°	817.9	782.3	777.3	757.8	738.2
150°	827.2	796.2	791.8	774.0	756.3
152.5°	833.3	805.3	801.9	788.6	775.1
155°	846.6	825.2	822.7	812.8	802.9
157.5°	859.9	845.2	842.7	833.1	823.5
160°	866.0	854.3	852.4	844.9	837.3
162.5°	872.4	864.0	862.5	856.9	851.3
165°	881.7	877.8	876.6	871.4	866.4
167.5°	888.9	885.7	885.1	882.7	880.2
170°	895.0	894.8	894.2	891.8	889.3
172.5°	895.4	895.4	895.3	894.7	894.2
175°	898.9	900.8	900.8	900.8	900.8
177.5°	899.4	900.8	900.8	900.8	900.8
180°	900.8	900.8	900.8	900.8	900.8



TEST NUMBER: P935289

CATALOG NUMBER: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-3500K

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	13.35	14.19	14.33	15.18	16.49	16.17	17.01	17.15	18.00	19.31
	3H	13.82	14.58	14.81	15.58	16.91	17.52	18.27	18.51	19.27	20.60
	4H	14.01	14.73	15.02	15.73	17.07	17.96	18.67	18.96	19.67	21.01
	6H	14.13	14.79	15.15	15.80	17.15	18.24	18.90	19.25	19.90	21.25
	8H	14.13	14.76	15.15	15.78	17.13	18.31	18.94	19.33	19.96	21.31
	12H	14.10	14.70	15.13	15.72	17.09	18.35	18.94	19.38	19.96	21.33
4H	2H	14.38	15.09	15.39	16.09	17.43	16.58	17.29	17.59	18.30	19.63
	3H	15.40	16.00	16.42	17.03	18.38	18.08	18.68	19.10	19.71	21.06
	4H	15.68	16.22	16.70	17.25	18.62	18.61	19.15	19.63	20.18	21.55
	6H	15.80	16.27	16.84	17.32	18.69	18.97	19.44	20.01	20.49	21.86
	8H	15.81	16.24	16.85	17.28	18.67	19.08	19.51	20.11	20.55	21.94
	12H	15.77	16.17	16.83	17.22	18.61	19.13	19.52	20.19	20.58	21.97
8H	4H	16.13	16.56	17.17	17.61	18.99	18.73	19.17	19.77	20.21	21.59
	6H	16.39	16.75	17.45	17.83	19.22	19.17	19.53	20.23	20.61	21.99
	8H	16.43	16.75	17.50	17.82	19.22	19.32	19.63	20.39	20.70	22.10
	12H	16.42	16.69	17.49	17.76	19.20	19.41	19.69	20.49	20.75	22.20
12H	4H	16.13	16.53	17.19	17.58	18.97	18.69	19.09	19.75	20.14	21.54
	6H	16.45	16.77	17.52	17.83	19.24	19.16	19.48	20.23	20.55	21.95
	8H	16.52	16.79	17.59	17.86	19.30	19.32	19.60	20.39	20.66	22.11