

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: P935987

Luminaire Tested: SQ4-FA-150U-075D-B2750-1D-UNV-W2A-W-6-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935987
REPORT IS A COMBINATION OF REPORTS P933775 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-075D-B2750-1D-UNV-W2A-W-6-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

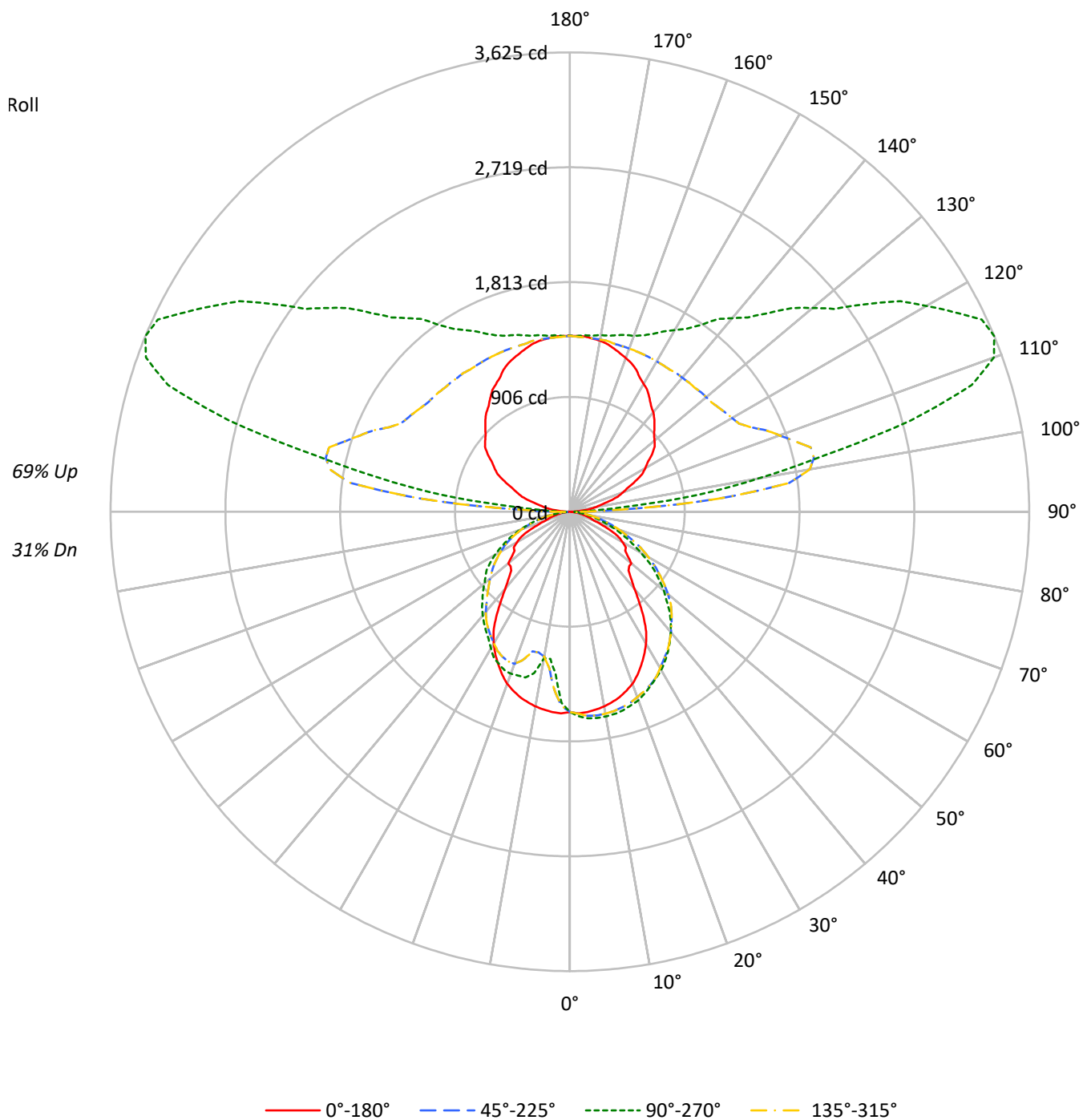
Lumens per Lamp: N/A
Luminaire Lumens: 13100.3 lumens
Efficiency: N/A
Efficacy: 137.3 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 95.4
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

TEST NUMBER: P935987

CATALOG NUMBER: SQ4-FA-150U-075D-B2750-1D-UNV-W2A-W-6-2700K

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	103	103	103	103	92	92	92	92	73	73	73	55	55	55	39	39	39
1	94	89	86	82	84	81	77	75	64	62	60	49	47	46	34	34	33
2	85	78	72	67	76	70	65	61	56	52	49	43	40	38	30	29	28
3	78	69	61	56	70	62	56	51	49	45	42	38	35	32	27	25	24
4	71	61	53	47	64	55	48	43	44	39	35	33	30	28	24	22	20
5	65	54	46	40	58	49	42	37	39	34	30	30	27	24	22	19	18
6	60	48	40	35	54	44	37	32	35	30	26	27	23	21	19	17	15
7	55	43	36	30	49	39	33	28	32	27	23	24	21	18	18	15	14
8	51	39	32	27	46	36	29	24	29	24	20	22	19	16	16	14	12
9	47	36	28	23	43	32	26	22	26	21	18	20	17	14	15	13	11
10	44	33	26	21	40	30	23	19	24	19	16	19	15	13	14	12	10

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9769	9769	9769	9769
5°	9838	9861	9838	7754
10°	9769	9714	9769	6945
15°	9659	9503	9659	7936
20°	9453	9254	9453	7952
25°	9036	8890	9036	7784
30°	8499	8588	8499	7414
35°	7572	8207	7572	7007
40°	6306	7757	6306	6700
45°	5631	7231	5631	6347
50°	5978	6603	5978	5992
55°	5619	5927	5619	5787
60°	5785	5034	5785	5301
65°	5236	4161	5236	4652
70°	3618	3317	3618	3899
75°	3159	2452	3159	2936
80°	2529	1621	2529	1765
85°	1425	859	1425	730

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 8636 cd/sqm

TEST NUMBER: P935987

CATALOG NUMBER: SQ4-FA-150U-075D-B2750-1D-UNV-W2A-W-6-2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	142.5	1.1
10°-20°	404.7	3.1
20°-30°	625.6	4.8
30°-40°	746.9	5.7
40°-50°	751.3	5.7
50°-60°	653.7	5.0
60°-70°	463.5	3.5
70°-80°	245.2	1.9
80°-90°	66.4	0.5
90°-100°	676.8	5.2
100°-110°	1779.3	13.6
110°-120°	1844.9	14.1
120°-130°	1479.9	11.3
130°-140°	1161.2	8.9
140°-150°	891.2	6.8
150°-160°	641.8	4.9
160°-170°	392.7	3.0
170°-180°	132.7	1.0
0°-30°	1172.9	9.0
0°-40°	1919.8	14.7
0°-60°	3324.7	25.4
0°-90°	4099.8	31.3
90°-120°	4301.0	32.8
90°-150°	7833.3	59.8
90°-180°	9001.0	68.7
0°-180°	13100.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1579	1579	1579	1579	1579	
5°	1587	1636	1587	1286	1587	151
15°	1515	1621	1515	1354	1515	426
25°	1334	1512	1334	1324	1334	613
35°	1014	1349	1014	1152	1014	628
45°	654	1112	654	976	654	524
55°	533	820	533	801	533	490
65°	370	494	370	553	370	354
75°	140	235	140	281	140	148
85°	24	60	24	51	24	32
90°	9	36	9	36	9	9
95°	89	409	89	409	89	99
105°	320	2786	320	2786	320	340
115°	569	3588	569	3588	569	562
125°	792	2857	792	2857	792	703
135°	944	2217	944	2217	944	730
145°	1095	1798	1095	1798	1095	686
155°	1237	1549	1237	1549	1237	569
165°	1335	1442	1335	1442	1335	377
175°	1388	1398	1388	1398	1388	132
180°	1388	1388	1388	1388	1388	

TEST NUMBER: P935987

CATALOG NUMBER: SQ4-FA-150U-075D-B2750-1D-UNV-W2A-W-6-2700K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2
2.5°	1592.6	1592.6	1601.6	1604.6	1604.6	1600.1	1595.6	1600.1	1613.5	1618.0	1616.5
5°	1586.6	1598.6	1615.0	1618.0	1621.0	1619.5	1616.5	1619.5	1634.4	1637.4	1638.9
7.5°	1574.7	1597.1	1618.0	1622.5	1627.0	1622.5	1621.0	1624.0	1638.9	1641.9	1641.9
10°	1559.7	1591.1	1615.0	1618.0	1622.5	1618.0	1618.0	1624.0	1638.9	1641.9	1643.4
12.5°	1538.8	1582.1	1604.6	1607.5	1613.5	1612.0	1610.5	1616.5	1631.4	1634.4	1634.4
15°	1514.9	1565.7	1586.6	1589.6	1600.1	1597.1	1597.1	1603.1	1619.5	1624.0	1622.5
17.5°	1482.0	1544.8	1568.7	1573.2	1580.7	1579.2	1580.7	1586.6	1601.6	1604.6	1606.0
20°	1444.7	1516.4	1544.8	1549.3	1556.7	1556.7	1556.7	1564.2	1579.2	1585.1	1585.1
22.5°	1393.9	1486.5	1516.4	1519.4	1528.4	1528.4	1531.4	1541.8	1555.3	1556.7	1556.7
25°	1334.1	1453.7	1479.1	1488.0	1497.0	1501.5	1506.0	1511.9	1516.4	1514.9	1516.4
27.5°	1271.4	1411.8	1444.7	1450.7	1462.6	1467.1	1473.1	1474.6	1476.1	1480.6	1477.6
30°	1201.2	1353.6	1402.9	1408.8	1428.3	1431.3	1425.3	1428.3	1435.7	1438.7	1441.7
32.5°	1122.0	1266.9	1359.5	1373.0	1390.9	1382.0	1380.5	1384.9	1396.9	1396.9	1399.9
35°	1014.4	1199.7	1319.2	1331.2	1344.6	1334.1	1340.1	1341.6	1349.1	1353.6	1352.1
37.5°	896.4	1141.4	1277.4	1286.3	1296.8	1283.3	1292.3	1296.8	1302.8	1299.8	1299.8
40°	791.8	1050.3	1228.1	1234.0	1243.0	1232.6	1241.5	1244.5	1247.5	1244.5	1243.0
42.5°	714.1	950.2	1175.8	1183.2	1177.3	1184.7	1187.7	1193.7	1189.2	1183.2	1183.2
45°	654.4	923.3	1119.0	1128.0	1119.0	1131.0	1135.4	1135.4	1122.0	1119.0	1117.5
47.5°	635.0	869.5	1062.2	1062.2	1057.8	1072.7	1080.2	1069.7	1056.3	1051.8	1051.8
50°	633.5	809.7	984.5	978.6	999.5	1017.4	1009.9	999.5	989.0	972.6	972.6
52.5°	575.2	736.5	884.4	906.9	939.7	950.2	938.2	927.8	909.8	902.4	896.4
55°	533.4	660.3	793.3	838.1	872.5	885.9	863.5	853.1	826.2	821.7	818.7
57.5°	524.4	549.8	709.6	766.4	808.3	806.8	793.3	773.9	751.5	747.0	745.5
60°	481.1	397.4	620.0	687.2	730.6	726.1	714.1	696.2	675.3	672.3	669.3
62.5°	436.2	288.3	518.4	594.6	655.9	654.4	643.9	617.0	602.1	594.6	588.6
65°	370.5	242.0	369.0	494.5	582.7	585.6	563.2	543.8	527.4	518.4	516.9
67.5°	282.4	197.2	249.5	412.3	512.4	509.5	481.1	472.1	451.2	446.7	437.7
70°	209.2	131.5	173.3	334.7	443.7	436.2	413.8	403.4	384.0	373.5	367.5
72.5°	173.3	106.1	127.0	260.0	373.5	364.5	345.1	333.2	316.7	307.8	301.8
75°	140.4	112.0	97.1	192.7	303.3	297.3	279.4	267.4	254.0	242.0	243.5
77.5°	103.1	104.6	77.7	141.9	240.5	231.6	221.1	206.2	200.2	188.2	188.2
80°	77.7	82.2	58.3	97.1	173.3	173.3	164.3	153.9	143.4	137.4	137.4
82.5°	52.3	52.3	43.3	61.3	118.0	113.5	107.6	104.6	98.6	95.6	95.6
85°	23.9	29.9	26.9	37.4	64.2	67.2	67.2	64.2	62.7	59.8	61.3
87.5°	7.5	13.4	16.4	20.9	32.9	34.4	35.9	35.9	35.9	37.4	37.4
90°	9.4	16.8	24.2	26.1	41.0	60.9	70.8	62.9	47.2	35.5	35.5
92.5°	37.3	100.6	164.0	179.9	252.9	350.2	398.8	349.5	251.0	177.1	170.0
95°	89.4	205.4	321.4	350.4	622.2	984.5	1165.7	1040.2	789.2	601.0	579.7
97.5°	154.7	257.0	359.3	384.9	838.0	1442.3	1744.4	1665.1	1506.4	1387.5	1346.9
100°	205.0	297.8	390.5	413.7	916.6	1587.1	1922.4	1928.2	1939.8	1948.5	1900.2
102.5°	247.9	334.5	421.0	442.6	952.7	1632.6	1972.7	2073.7	2275.8	2427.4	2385.9
105°	320.5	393.8	467.1	485.5	979.4	1637.8	1967.1	2193.6	2646.7	2986.5	2964.2
107.5°	395.1	463.4	531.8	548.8	984.2	1564.9	1855.2	2171.3	2803.2	3277.2	3282.6
110°	445.4	507.2	568.8	584.3	976.9	1500.3	1762.0	2115.3	2821.9	3351.7	3374.9

TEST NUMBER: P935987

CATALOG NUMBER: SQ4-FA-150U-075D-B2750-1D-UNV-W2A-W-6-2700K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	494.8	553.6	612.3	627.1	977.2	1443.9	1677.3	2038.8	2761.9	3304.2	3339.9
115°	569.3	623.6	677.9	691.4	986.1	1379.2	1575.7	1924.0	2620.6	3143.0	3192.4
117.5°	642.9	692.2	741.5	753.9	1004.6	1338.7	1505.9	1820.2	2448.8	2920.3	2975.1
120°	685.8	732.3	778.7	790.2	1019.4	1325.1	1477.9	1765.1	2339.5	2770.3	2823.5
122.5°	727.8	774.6	821.4	833.1	1040.8	1317.9	1456.5	1715.1	2232.3	2620.3	2672.8
125°	792.0	834.6	877.4	888.0	1069.7	1312.0	1433.1	1652.9	2092.2	2421.8	2470.1
127.5°	844.2	887.2	930.4	941.1	1098.6	1308.5	1413.5	1602.2	1979.5	2262.4	2303.2
130°	872.2	918.6	965.0	976.6	1119.8	1310.7	1406.2	1574.1	1909.9	2161.8	2199.5
132.5°	901.1	947.5	993.9	1005.5	1136.8	1312.0	1399.6	1549.9	1850.6	2076.1	2109.8
135°	943.9	986.1	1028.5	1039.0	1155.5	1310.7	1388.4	1514.3	1766.1	1954.9	1984.0
137.5°	987.7	1029.6	1071.4	1081.9	1183.4	1318.8	1386.5	1493.0	1705.8	1865.5	1889.3
140°	1024.1	1062.6	1101.1	1110.7	1200.5	1320.2	1380.1	1472.0	1655.8	1793.8	1816.0
142.5°	1052.0	1087.6	1123.3	1132.2	1214.8	1325.0	1380.1	1460.8	1622.3	1743.4	1762.5
145°	1094.9	1126.0	1157.1	1164.8	1233.4	1325.0	1370.7	1436.7	1568.9	1668.0	1682.4
147.5°	1137.7	1168.0	1198.2	1205.8	1260.7	1334.0	1370.7	1422.7	1526.6	1604.6	1616.6
150°	1165.7	1193.0	1220.3	1227.2	1275.0	1338.8	1370.7	1414.6	1502.4	1568.2	1578.0
152.5°	1194.6	1215.3	1236.0	1241.2	1284.3	1341.9	1370.7	1408.1	1483.1	1539.3	1546.7
155°	1237.4	1252.8	1268.1	1271.9	1304.9	1348.8	1370.7	1400.5	1460.1	1504.9	1509.7
157.5°	1269.1	1284.0	1299.0	1302.7	1325.4	1355.6	1370.7	1393.9	1440.3	1475.1	1478.5
160°	1290.6	1302.2	1313.7	1316.6	1334.6	1358.6	1370.7	1390.6	1430.4	1460.1	1462.1
162.5°	1312.0	1320.7	1329.4	1331.6	1344.6	1362.0	1370.7	1387.4	1421.0	1446.2	1448.1
165°	1335.3	1343.2	1351.0	1353.0	1358.8	1366.7	1370.7	1382.7	1406.8	1424.8	1426.8
167.5°	1356.8	1360.4	1364.2	1365.1	1370.1	1376.8	1380.1	1387.9	1403.7	1415.4	1416.2
170°	1370.7	1374.4	1378.2	1379.1	1379.4	1379.9	1380.1	1387.9	1403.7	1415.4	1415.4
172.5°	1378.2	1379.0	1379.9	1380.1	1380.1	1380.1	1380.1	1386.2	1398.7	1407.9	1407.2
175°	1388.4	1388.4	1388.4	1388.4	1385.6	1382.0	1380.1	1383.9	1391.8	1397.7	1397.7
177.5°	1388.4	1388.4	1388.4	1388.4	1386.2	1383.3	1381.9	1384.9	1391.2	1395.9	1395.1
180°	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4

TEST NUMBER: P935987

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2
2.5°	1619.5	1615.0	1619.5	1616.5	1618.0	1613.5	1600.1	1595.6	1600.1	1604.6	1604.6
5°	1638.9	1635.9	1638.9	1638.9	1637.4	1634.4	1619.5	1616.5	1619.5	1621.0	1618.0
7.5°	1644.9	1640.4	1644.9	1641.9	1641.9	1638.9	1624.0	1621.0	1622.5	1627.0	1622.5
10°	1644.9	1640.4	1644.9	1643.4	1641.9	1638.9	1624.0	1618.0	1618.0	1622.5	1618.0
12.5°	1637.4	1634.4	1637.4	1634.4	1634.4	1631.4	1616.5	1610.5	1612.0	1613.5	1607.5
15°	1625.5	1621.0	1625.5	1622.5	1624.0	1619.5	1603.1	1597.1	1597.1	1600.1	1589.6
17.5°	1607.5	1601.6	1607.5	1606.0	1604.6	1601.6	1586.6	1580.7	1579.2	1580.7	1573.2
20°	1586.6	1582.1	1586.6	1585.1	1585.1	1579.2	1564.2	1556.7	1556.7	1556.7	1549.3
22.5°	1553.8	1549.3	1553.8	1556.7	1556.7	1555.3	1541.8	1531.4	1528.4	1528.4	1519.4
25°	1516.4	1511.9	1516.4	1516.4	1514.9	1516.4	1511.9	1506.0	1501.5	1497.0	1488.0
27.5°	1480.6	1477.6	1480.6	1477.6	1480.6	1476.1	1474.6	1473.1	1467.1	1462.6	1450.7
30°	1444.7	1441.7	1444.7	1441.7	1438.7	1435.7	1428.3	1425.3	1431.3	1428.3	1408.8
32.5°	1399.9	1396.9	1399.9	1399.9	1396.9	1396.9	1384.9	1380.5	1382.0	1390.9	1373.0
35°	1353.6	1349.1	1353.6	1352.1	1353.6	1349.1	1341.6	1340.1	1334.1	1344.6	1331.2
37.5°	1299.8	1295.3	1299.8	1299.8	1299.8	1302.8	1296.8	1292.3	1283.3	1296.8	1286.3
40°	1244.5	1238.5	1244.5	1243.0	1244.5	1247.5	1244.5	1241.5	1232.6	1243.0	1234.0
42.5°	1181.8	1180.3	1181.8	1183.2	1183.2	1189.2	1193.7	1187.7	1184.7	1177.3	1183.2
45°	1114.5	1111.5	1114.5	1117.5	1119.0	1122.0	1135.4	1135.4	1131.0	1119.0	1128.0
47.5°	1042.8	1035.3	1042.8	1051.8	1051.8	1056.3	1069.7	1080.2	1072.7	1057.8	1062.2
50°	966.6	968.1	966.6	972.6	972.6	989.0	999.5	1009.9	1017.4	999.5	978.6
52.5°	891.9	890.4	891.9	896.4	902.4	909.8	927.8	938.2	950.2	939.7	906.9
55°	817.2	820.2	817.2	818.7	821.7	826.2	853.1	863.5	885.9	872.5	838.1
57.5°	742.5	738.0	742.5	745.5	747.0	751.5	773.9	793.3	806.8	808.3	766.4
60°	655.9	649.9	655.9	669.3	672.3	675.3	696.2	714.1	726.1	730.6	687.2
62.5°	579.7	569.2	579.7	588.6	594.6	602.1	617.0	643.9	654.4	655.9	594.6
65°	499.0	494.5	499.0	516.9	518.4	527.4	543.8	563.2	585.6	582.7	494.5
67.5°	425.8	425.8	425.8	437.7	446.7	451.2	472.1	481.1	509.5	512.4	412.3
70°	358.6	357.1	358.6	367.5	373.5	384.0	403.4	413.8	436.2	443.7	334.7
72.5°	294.3	292.8	294.3	301.8	307.8	316.7	333.2	345.1	364.5	373.5	260.0
75°	237.5	234.6	237.5	243.5	242.0	254.0	267.4	279.4	297.3	303.3	192.7
77.5°	182.3	182.3	182.3	188.2	188.2	200.2	206.2	221.1	231.6	240.5	141.9
80°	136.0	134.5	136.0	137.4	137.4	143.4	153.9	164.3	173.3	173.3	97.1
82.5°	95.6	92.6	95.6	95.6	95.6	98.6	104.6	107.6	113.5	118.0	61.3
85°	59.8	59.8	59.8	61.3	59.8	62.7	64.2	67.2	67.2	64.2	37.4
87.5°	38.8	37.4	38.8	37.4	37.4	35.9	35.9	35.9	34.4	32.9	20.9
90°	35.5	35.5	35.5	35.5	35.5	47.2	62.9	70.8	60.9	41.0	26.1
92.5°	141.8	113.6	141.8	170.0	177.1	251.0	349.5	398.8	350.2	252.9	179.9
95°	494.3	409.1	494.3	579.7	601.0	789.2	1040.2	1165.7	984.5	622.2	350.4
97.5°	1184.5	1022.2	1184.5	1346.9	1387.5	1506.4	1665.1	1744.4	1442.3	838.0	384.9
100°	1706.7	1513.3	1706.7	1900.2	1948.5	1939.8	1928.2	1922.4	1587.1	916.6	413.7
102.5°	2220.3	2054.6	2220.3	2385.9	2427.4	2275.8	2073.7	1972.7	1632.6	952.7	442.6
105°	2875.2	2786.1	2875.2	2964.2	2986.5	2646.7	2193.6	1967.1	1637.8	979.4	485.5
107.5°	3304.1	3325.6	3304.1	3282.6	3277.2	2803.2	2171.3	1855.2	1564.9	984.2	548.8
110°	3467.7	3560.5	3467.7	3374.9	3351.7	2821.9	2115.3	1762.0	1500.3	976.9	584.3

TEST NUMBER: P935987

CATALOG NUMBER: SQ4-FA-150U-075D-B2750-1D-UNV-W2A-W-6-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3482.3	3624.7	3482.3	3339.9	3304.2	2761.9	2038.8	1677.3	1443.9	977.2	627.1
115°	3389.9	3587.5	3389.9	3192.4	3143.0	2620.6	1924.0	1575.7	1379.2	986.1	691.4
117.5°	3194.2	3413.3	3194.2	2975.1	2920.3	2448.8	1820.2	1505.9	1338.7	1004.6	753.9
120°	3036.4	3249.3	3036.4	2823.5	2770.3	2339.5	1765.1	1477.9	1325.1	1019.4	790.2
122.5°	2882.7	3092.7	2882.7	2672.8	2620.3	2232.3	1715.1	1456.5	1317.9	1040.8	833.1
125°	2663.5	2856.9	2663.5	2470.1	2421.8	2092.2	1652.9	1433.1	1312.0	1069.7	888.0
127.5°	2466.4	2629.6	2466.4	2303.2	2262.4	1979.5	1602.2	1413.5	1308.5	1098.6	941.1
130°	2350.3	2501.0	2350.3	2199.5	2161.8	1909.9	1574.1	1406.2	1310.7	1119.8	976.6
132.5°	2244.8	2379.8	2244.8	2109.8	2076.1	1850.6	1549.9	1399.6	1312.0	1136.8	1005.5
135°	2100.5	2216.8	2100.5	1984.0	1954.9	1766.1	1514.3	1388.4	1310.7	1155.5	1039.0
137.5°	1984.6	2079.8	1984.6	1889.3	1865.5	1705.8	1493.0	1386.5	1318.8	1183.4	1081.9
140°	1905.0	1994.1	1905.0	1816.0	1793.8	1655.8	1472.0	1380.1	1320.2	1200.5	1110.7
142.5°	1839.2	1915.8	1839.2	1762.5	1743.4	1622.3	1460.8	1380.1	1325.0	1214.8	1132.2
145°	1740.4	1798.4	1740.4	1682.4	1668.0	1568.9	1436.7	1370.7	1325.0	1233.4	1164.8
147.5°	1664.6	1712.7	1664.6	1616.6	1604.6	1526.6	1422.7	1370.7	1334.0	1260.7	1205.8
150°	1616.9	1655.8	1616.9	1578.0	1568.2	1502.4	1414.6	1370.7	1338.8	1275.0	1227.2
152.5°	1576.1	1605.6	1576.1	1546.7	1539.3	1483.1	1408.1	1370.7	1341.9	1284.3	1241.2
155°	1529.2	1548.7	1529.2	1509.7	1504.9	1460.1	1400.5	1370.7	1348.8	1304.9	1271.9
157.5°	1492.2	1505.9	1492.2	1478.5	1475.1	1440.3	1393.9	1370.7	1355.6	1325.4	1302.7
160°	1470.0	1477.9	1470.0	1462.1	1460.1	1430.4	1390.6	1370.7	1358.6	1334.6	1316.6
162.5°	1455.5	1462.9	1455.5	1448.1	1446.2	1421.0	1387.4	1370.7	1362.0	1344.6	1331.6
165°	1434.5	1442.4	1434.5	1426.8	1424.8	1406.8	1382.7	1370.7	1366.7	1358.8	1353.0
167.5°	1419.6	1422.9	1419.6	1416.2	1415.4	1403.7	1387.9	1380.1	1376.8	1370.1	1365.1
170°	1415.4	1415.4	1415.4	1415.4	1415.4	1403.7	1387.9	1380.1	1379.9	1379.4	1379.1
172.5°	1404.4	1401.5	1404.4	1407.2	1407.9	1398.7	1386.2	1380.1	1380.1	1380.1	1380.1
175°	1397.7	1397.7	1397.7	1397.7	1397.7	1391.8	1383.9	1380.1	1382.0	1385.6	1388.4
177.5°	1391.7	1388.4	1391.7	1395.1	1395.9	1391.2	1384.9	1381.9	1383.3	1386.2	1388.4
180°	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4

TEST NUMBER: P935987

CATALOG NUMBER: SQ4-FA-150U-075D-B2750-1D-UNV-W2A-W-6-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2
2.5°	1601.6	1592.6	1592.6	1577.7	1571.7	1567.2	1559.7	1537.3	1531.4	1525.4	1534.3
5°	1615.0	1598.6	1586.6	1559.7	1537.3	1528.4	1500.0	1446.2	1410.3	1383.4	1368.5
7.5°	1618.0	1597.1	1574.7	1532.8	1479.1	1455.2	1368.5	1269.9	1243.0	1219.1	1204.2
10°	1615.0	1591.1	1559.7	1497.0	1370.0	1328.2	1241.5	1177.3	1160.8	1156.4	1160.8
12.5°	1604.6	1582.1	1538.8	1434.2	1256.5	1228.1	1177.3	1139.9	1136.9	1144.4	1184.7
15°	1586.6	1565.7	1514.9	1350.6	1193.7	1172.8	1136.9	1123.5	1139.9	1192.2	1313.2
17.5°	1568.7	1544.8	1482.0	1268.4	1145.9	1131.0	1105.6	1132.5	1225.1	1295.3	1335.6
20°	1544.8	1516.4	1444.7	1208.6	1111.5	1098.1	1086.1	1207.2	1277.4	1302.8	1325.2
22.5°	1516.4	1486.5	1393.9	1166.8	1075.7	1065.2	1072.7	1249.0	1277.4	1295.3	1314.7
25°	1479.1	1453.7	1334.1	1133.9	1047.3	1035.3	1063.7	1244.5	1260.9	1265.4	1304.3
27.5°	1444.7	1411.8	1271.4	1104.1	1012.9	1008.4	1071.2	1225.1	1237.0	1241.5	1283.3
30°	1402.9	1353.6	1201.2	1072.7	977.1	975.6	1072.7	1201.2	1198.2	1210.1	1252.0
32.5°	1359.5	1266.9	1122.0	1033.8	942.7	941.2	1062.2	1165.3	1162.3	1178.8	1210.1
35°	1319.2	1199.7	1014.4	989.0	899.4	900.9	1036.8	1123.5	1125.0	1139.9	1159.3
37.5°	1277.4	1141.4	896.4	939.7	857.6	857.6	1002.5	1084.6	1081.7	1086.1	1113.0
40°	1228.1	1050.3	791.8	875.5	818.7	814.2	960.6	1042.8	1032.4	1030.9	1068.2
42.5°	1175.8	950.2	714.1	790.3	773.9	767.9	909.8	992.0	972.6	977.1	1024.9
45°	1119.0	923.3	654.4	667.8	727.6	723.1	854.6	933.8	920.3	932.3	981.6
47.5°	1062.2	869.5	635.0	554.3	678.3	676.8	793.3	877.0	869.5	881.5	933.8
50°	984.5	809.7	633.5	475.1	623.0	629.0	720.1	821.7	821.7	832.2	887.4
52.5°	884.4	736.5	575.2	430.3	558.8	576.7	655.9	773.9	776.9	787.3	836.6
55°	793.3	660.3	533.4	395.9	482.6	521.4	593.1	724.6	730.6	741.0	785.8
57.5°	709.6	549.8	524.4	355.6	412.3	449.7	537.8	676.8	679.8	688.7	732.1
60°	620.0	397.4	481.1	312.2	351.1	379.5	487.0	620.0	630.5	636.4	673.8
62.5°	518.4	288.3	436.2	282.4	321.2	327.2	445.2	566.2	579.7	584.2	606.6
65°	369.0	242.0	370.5	257.0	289.8	291.3	400.4	510.9	522.9	530.4	546.8
67.5°	249.5	197.2	282.4	233.1	265.9	267.4	357.1	446.7	463.1	469.1	479.6
70°	173.3	131.5	209.2	207.7	239.0	242.0	310.8	388.4	403.4	407.9	413.8
72.5°	127.0	106.1	173.3	186.8	210.7	213.6	262.9	322.7	337.6	342.1	345.1
75°	97.1	112.0	140.4	162.8	179.3	180.8	215.1	262.9	273.4	276.4	277.9
77.5°	77.7	104.6	103.1	131.5	146.4	143.4	168.8	203.2	212.1	212.1	212.1
80°	58.3	82.2	77.7	94.1	107.6	104.6	121.0	144.9	147.9	150.9	149.4
82.5°	43.3	52.3	52.3	59.8	71.7	68.7	80.7	94.1	94.1	94.1	97.1
85°	26.9	29.9	23.9	31.4	40.3	38.8	44.8	50.8	52.3	52.3	49.3
87.5°	16.4	13.4	7.5	12.0	17.9	17.9	20.9	22.4	20.9	20.9	20.9
90°	24.2	16.8	9.4	16.8	24.2	26.1	41.0	60.9	70.8	62.9	47.2
92.5°	164.0	100.6	37.3	100.6	164.0	179.9	252.9	350.2	398.8	349.5	251.0
95°	321.4	205.4	89.4	205.4	321.4	350.4	622.2	984.5	1165.7	1040.2	789.2
97.5°	359.3	257.0	154.7	257.0	359.3	384.9	838.0	1442.3	1744.4	1665.1	1506.4
100°	390.5	297.8	205.0	297.8	390.5	413.7	916.6	1587.1	1922.4	1928.2	1939.8
102.5°	421.0	334.5	247.9	334.5	421.0	442.6	952.7	1632.6	1972.7	2073.7	2275.8
105°	467.1	393.8	320.5	393.8	467.1	485.5	979.4	1637.8	1967.1	2193.6	2646.7
107.5°	531.8	463.4	395.1	463.4	531.8	548.8	984.2	1564.9	1855.2	2171.3	2803.2
110°	568.8	507.2	445.4	507.2	568.8	584.3	976.9	1500.3	1762.0	2115.3	2821.9

TEST NUMBER: P935987

CATALOG NUMBER: SQ4-FA-150U-075D-B2750-1D-UNV-W2A-W-6-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	612.3	553.6	494.8	553.6	612.3	627.1	977.2	1443.9	1677.3	2038.8	2761.9
115°	677.9	623.6	569.3	623.6	677.9	691.4	986.1	1379.2	1575.7	1924.0	2620.6
117.5°	741.5	692.2	642.9	692.2	741.5	753.9	1004.6	1338.7	1505.9	1820.2	2448.8
120°	778.7	732.3	685.8	732.3	778.7	790.2	1019.4	1325.1	1477.9	1765.1	2339.5
122.5°	821.4	774.6	727.8	774.6	821.4	833.1	1040.8	1317.9	1456.5	1715.1	2232.3
125°	877.4	834.6	792.0	834.6	877.4	888.0	1069.7	1312.0	1433.1	1652.9	2092.2
127.5°	930.4	887.2	844.2	887.2	930.4	941.1	1098.6	1308.5	1413.5	1602.2	1979.5
130°	965.0	918.6	872.2	918.6	965.0	976.6	1119.8	1310.7	1406.2	1574.1	1909.9
132.5°	993.9	947.5	901.1	947.5	993.9	1005.5	1136.8	1312.0	1399.6	1549.9	1850.6
135°	1028.5	986.1	943.9	986.1	1028.5	1039.0	1155.5	1310.7	1388.4	1514.3	1766.1
137.5°	1071.4	1029.6	987.7	1029.6	1071.4	1081.9	1183.4	1318.8	1386.5	1493.0	1705.8
140°	1101.1	1062.6	1024.1	1062.6	1101.1	1110.7	1200.5	1320.2	1380.1	1472.0	1655.8
142.5°	1123.3	1087.6	1052.0	1087.6	1123.3	1132.2	1214.8	1325.0	1380.1	1460.8	1622.3
145°	1157.1	1126.0	1094.9	1126.0	1157.1	1164.8	1233.4	1325.0	1370.7	1436.7	1568.9
147.5°	1198.2	1168.0	1137.7	1168.0	1198.2	1205.8	1260.7	1334.0	1370.7	1422.7	1526.6
150°	1220.3	1193.0	1165.7	1193.0	1220.3	1227.2	1275.0	1338.8	1370.7	1414.6	1502.4
152.5°	1236.0	1215.3	1194.6	1215.3	1236.0	1241.2	1284.3	1341.9	1370.7	1408.1	1483.1
155°	1268.1	1252.8	1237.4	1252.8	1268.1	1271.9	1304.9	1348.8	1370.7	1400.5	1460.1
157.5°	1299.0	1284.0	1269.1	1284.0	1299.0	1302.7	1325.4	1355.6	1370.7	1393.9	1440.3
160°	1313.7	1302.2	1290.6	1302.2	1313.7	1316.6	1334.6	1358.6	1370.7	1390.6	1430.4
162.5°	1329.4	1320.7	1312.0	1320.7	1329.4	1331.6	1344.6	1362.0	1370.7	1387.4	1421.0
165°	1351.0	1343.2	1335.3	1343.2	1351.0	1353.0	1358.8	1366.7	1370.7	1382.7	1406.8
167.5°	1364.2	1360.4	1356.8	1360.4	1364.2	1365.1	1370.1	1376.8	1380.1	1387.9	1403.7
170°	1378.2	1374.4	1370.7	1374.4	1378.2	1379.1	1379.4	1379.9	1380.1	1387.9	1403.7
172.5°	1379.9	1379.0	1378.2	1379.0	1379.9	1380.1	1380.1	1380.1	1380.1	1386.2	1398.7
175°	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1385.6	1382.0	1380.1	1383.9	1391.8
177.5°	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1386.2	1383.3	1381.9	1384.9	1391.2
180°	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4

TEST NUMBER: P935987

CATALOG NUMBER: SQ4-FA-150U-075D-B2750-1D-UNV-W2A-W-6-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2
2.5°	1523.9	1519.4	1525.4	1508.9	1525.4	1519.4	1523.9	1534.3	1525.4	1531.4	1537.3
5°	1337.1	1329.7	1305.8	1286.3	1305.8	1329.7	1337.1	1368.5	1383.4	1410.3	1446.2
7.5°	1195.2	1189.2	1183.2	1171.3	1183.2	1189.2	1195.2	1204.2	1219.1	1243.0	1269.9
10°	1163.8	1165.3	1174.3	1172.8	1174.3	1165.3	1163.8	1160.8	1156.4	1160.8	1177.3
12.5°	1244.5	1257.9	1307.2	1304.3	1307.2	1257.9	1244.5	1184.7	1144.4	1136.9	1139.9
15°	1337.1	1341.6	1352.1	1353.6	1352.1	1341.6	1337.1	1313.2	1192.2	1139.9	1123.5
17.5°	1346.1	1347.6	1355.1	1355.1	1355.1	1347.6	1346.1	1335.6	1295.3	1225.1	1132.5
20°	1338.6	1341.6	1356.6	1359.5	1356.6	1341.6	1338.6	1325.2	1302.8	1277.4	1207.2
22.5°	1335.6	1341.6	1353.6	1352.1	1353.6	1341.6	1335.6	1314.7	1295.3	1277.4	1249.0
25°	1320.7	1320.7	1322.2	1323.7	1322.2	1320.7	1320.7	1304.3	1265.4	1260.9	1244.5
27.5°	1289.3	1292.3	1301.3	1299.8	1301.3	1292.3	1289.3	1283.3	1241.5	1237.0	1225.1
30°	1260.9	1257.9	1250.5	1244.5	1250.5	1257.9	1260.9	1252.0	1210.1	1198.2	1201.2
32.5°	1213.1	1205.7	1198.2	1193.7	1198.2	1205.7	1213.1	1210.1	1178.8	1162.3	1165.3
35°	1156.4	1157.8	1156.4	1151.9	1156.4	1157.8	1156.4	1159.3	1139.9	1125.0	1123.5
37.5°	1116.0	1119.0	1117.5	1111.5	1117.5	1119.0	1116.0	1113.0	1086.1	1081.7	1084.6
40°	1074.2	1075.7	1074.2	1069.7	1074.2	1075.7	1074.2	1068.2	1030.9	1032.4	1042.8
42.5°	1033.8	1032.4	1027.9	1024.9	1027.9	1032.4	1033.8	1024.9	977.1	972.6	992.0
45°	987.5	989.0	980.1	975.6	980.1	989.0	987.5	981.6	932.3	920.3	933.8
47.5°	941.2	941.2	933.8	929.3	933.8	941.2	941.2	933.8	881.5	869.5	877.0
50°	891.9	890.4	880.0	878.5	880.0	890.4	891.9	887.4	832.2	821.7	821.7
52.5°	835.1	835.1	836.6	839.6	836.6	835.1	835.1	836.6	787.3	776.9	773.9
55°	785.8	787.3	797.8	800.8	797.8	787.3	785.8	785.8	741.0	730.6	724.6
57.5°	735.0	735.0	742.5	742.5	742.5	735.0	735.0	732.1	688.7	679.8	676.8
60°	676.8	679.8	685.7	684.3	685.7	679.8	676.8	673.8	636.4	630.5	620.0
62.5°	615.5	618.5	620.0	617.0	620.0	618.5	615.5	606.6	584.2	579.7	566.2
65°	551.3	554.3	555.8	552.8	555.8	554.3	551.3	546.8	530.4	522.9	510.9
67.5°	485.6	484.1	482.6	488.5	482.6	484.1	485.6	479.6	469.1	463.1	446.7
70°	418.3	418.3	416.8	419.8	416.8	418.3	418.3	413.8	407.9	403.4	388.4
72.5°	346.6	345.1	351.1	346.6	351.1	345.1	346.6	345.1	342.1	337.6	322.7
75°	276.4	279.4	276.4	280.9	276.4	279.4	276.4	277.9	276.4	273.4	262.9
77.5°	210.7	213.6	210.7	210.7	210.7	213.6	210.7	212.1	212.1	212.1	203.2
80°	149.4	147.9	147.9	146.4	147.9	147.9	149.4	149.4	150.9	147.9	144.9
82.5°	95.6	94.1	94.1	97.1	94.1	94.1	95.6	97.1	94.1	94.1	94.1
85°	52.3	53.8	50.8	50.8	50.8	53.8	52.3	49.3	52.3	52.3	50.8
87.5°	19.4	17.9	17.9	17.9	17.9	17.9	19.4	20.9	20.9	20.9	22.4
90°	35.5	35.5	35.5	35.5	35.5	35.5	35.5	47.2	62.9	70.8	60.9
92.5°	177.1	170.0	141.8	113.6	141.8	170.0	177.1	251.0	349.5	398.8	350.2
95°	601.0	579.7	494.3	409.1	494.3	579.7	601.0	789.2	1040.2	1165.7	984.5
97.5°	1387.5	1346.9	1184.5	1022.2	1184.5	1346.9	1387.5	1506.4	1665.1	1744.4	1442.3
100°	1948.5	1900.2	1706.7	1513.3	1706.7	1900.2	1948.5	1939.8	1928.2	1922.4	1587.1
102.5°	2427.4	2385.9	2220.3	2054.6	2220.3	2385.9	2427.4	2275.8	2073.7	1972.7	1632.6
105°	2986.5	2964.2	2875.2	2786.1	2875.2	2964.2	2986.5	2646.7	2193.6	1967.1	1637.8
107.5°	3277.2	3282.6	3304.1	3325.6	3304.1	3282.6	3277.2	2803.2	2171.3	1855.2	1564.9
110°	3351.7	3374.9	3467.7	3560.5	3467.7	3374.9	3351.7	2821.9	2115.3	1762.0	1500.3

TEST NUMBER: P935987

CATALOG NUMBER: SQ4-FA-150U-075D-B2750-1D-UNV-W2A-W-6-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3304.2	3339.9	3482.3	3624.7	3482.3	3339.9	3304.2	2761.9	2038.8	1677.3	1443.9
115°	3143.0	3192.4	3389.9	3587.5	3389.9	3192.4	3143.0	2620.6	1924.0	1575.7	1379.2
117.5°	2920.3	2975.1	3194.2	3413.3	3194.2	2975.1	2920.3	2448.8	1820.2	1505.9	1338.7
120°	2770.3	2823.5	3036.4	3249.3	3036.4	2823.5	2770.3	2339.5	1765.1	1477.9	1325.1
122.5°	2620.3	2672.8	2882.7	3092.7	2882.7	2672.8	2620.3	2232.3	1715.1	1456.5	1317.9
125°	2421.8	2470.1	2663.5	2856.9	2663.5	2470.1	2421.8	2092.2	1652.9	1433.1	1312.0
127.5°	2262.4	2303.2	2466.4	2629.6	2466.4	2303.2	2262.4	1979.5	1602.2	1413.5	1308.5
130°	2161.8	2199.5	2350.3	2501.0	2350.3	2199.5	2161.8	1909.9	1574.1	1406.2	1310.7
132.5°	2076.1	2109.8	2244.8	2379.8	2244.8	2109.8	2076.1	1850.6	1549.9	1399.6	1312.0
135°	1954.9	1984.0	2100.5	2216.8	2100.5	1984.0	1954.9	1766.1	1514.3	1388.4	1310.7
137.5°	1865.5	1889.3	1984.6	2079.8	1984.6	1889.3	1865.5	1705.8	1493.0	1386.5	1318.8
140°	1793.8	1816.0	1905.0	1994.1	1905.0	1816.0	1793.8	1655.8	1472.0	1380.1	1320.2
142.5°	1743.4	1762.5	1839.2	1915.8	1839.2	1762.5	1743.4	1622.3	1460.8	1380.1	1325.0
145°	1668.0	1682.4	1740.4	1798.4	1740.4	1682.4	1668.0	1568.9	1436.7	1370.7	1325.0
147.5°	1604.6	1616.6	1664.6	1712.7	1664.6	1616.6	1604.6	1526.6	1422.7	1370.7	1334.0
150°	1568.2	1578.0	1616.9	1655.8	1616.9	1578.0	1568.2	1502.4	1414.6	1370.7	1338.8
152.5°	1539.3	1546.7	1576.1	1605.6	1576.1	1546.7	1539.3	1483.1	1408.1	1370.7	1341.9
155°	1504.9	1509.7	1529.2	1548.7	1529.2	1509.7	1504.9	1460.1	1400.5	1370.7	1348.8
157.5°	1475.1	1478.5	1492.2	1505.9	1492.2	1478.5	1475.1	1440.3	1393.9	1370.7	1355.6
160°	1460.1	1462.1	1470.0	1477.9	1470.0	1462.1	1460.1	1430.4	1390.6	1370.7	1358.6
162.5°	1446.2	1448.1	1455.5	1462.9	1455.5	1448.1	1446.2	1421.0	1387.4	1370.7	1362.0
165°	1424.8	1426.8	1434.5	1442.4	1434.5	1426.8	1424.8	1406.8	1382.7	1370.7	1366.7
167.5°	1415.4	1416.2	1419.6	1422.9	1419.6	1416.2	1415.4	1403.7	1387.9	1380.1	1376.8
170°	1415.4	1415.4	1415.4	1415.4	1415.4	1415.4	1415.4	1403.7	1387.9	1380.1	1379.9
172.5°	1407.9	1407.2	1404.4	1401.5	1404.4	1407.2	1407.9	1398.7	1386.2	1380.1	1380.1
175°	1397.7	1397.7	1397.7	1397.7	1397.7	1397.7	1397.7	1391.8	1383.9	1380.1	1382.0
177.5°	1395.9	1395.1	1391.7	1388.4	1391.7	1395.1	1395.9	1391.2	1384.9	1381.9	1383.3
180°	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4

TEST NUMBER: P935987

CATALOG NUMBER: SQ4-FA-150U-075D-B2750-1D-UNV-W2A-W-6-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1579.2	1579.2	1579.2	1579.2	1579.2
2.5°	1559.7	1567.2	1571.7	1577.7	1592.6
5°	1500.0	1528.4	1537.3	1559.7	1586.6
7.5°	1368.5	1455.2	1479.1	1532.8	1574.7
10°	1241.5	1328.2	1370.0	1497.0	1559.7
12.5°	1177.3	1228.1	1256.5	1434.2	1538.8
15°	1136.9	1172.8	1193.7	1350.6	1514.9
17.5°	1105.6	1131.0	1145.9	1268.4	1482.0
20°	1086.1	1098.1	1111.5	1208.6	1444.7
22.5°	1072.7	1065.2	1075.7	1166.8	1393.9
25°	1063.7	1035.3	1047.3	1133.9	1334.1
27.5°	1071.2	1008.4	1012.9	1104.1	1271.4
30°	1072.7	975.6	977.1	1072.7	1201.2
32.5°	1062.2	941.2	942.7	1033.8	1122.0
35°	1036.8	900.9	899.4	989.0	1014.4
37.5°	1002.5	857.6	857.6	939.7	896.4
40°	960.6	814.2	818.7	875.5	791.8
42.5°	909.8	767.9	773.9	790.3	714.1
45°	854.6	723.1	727.6	667.8	654.4
47.5°	793.3	676.8	678.3	554.3	635.0
50°	720.1	629.0	623.0	475.1	633.5
52.5°	655.9	576.7	558.8	430.3	575.2
55°	593.1	521.4	482.6	395.9	533.4
57.5°	537.8	449.7	412.3	355.6	524.4
60°	487.0	379.5	351.1	312.2	481.1
62.5°	445.2	327.2	321.2	282.4	436.2
65°	400.4	291.3	289.8	257.0	370.5
67.5°	357.1	267.4	265.9	233.1	282.4
70°	310.8	242.0	239.0	207.7	209.2
72.5°	262.9	213.6	210.7	186.8	173.3
75°	215.1	180.8	179.3	162.8	140.4
77.5°	168.8	143.4	146.4	131.5	103.1
80°	121.0	104.6	107.6	94.1	77.7
82.5°	80.7	68.7	71.7	59.8	52.3
85°	44.8	38.8	40.3	31.4	23.9
87.5°	20.9	17.9	17.9	12.0	7.5
90°	41.0	26.1	24.2	16.8	9.4
92.5°	252.9	179.9	164.0	100.6	37.3
95°	622.2	350.4	321.4	205.4	89.4
97.5°	838.0	384.9	359.3	257.0	154.7
100°	916.6	413.7	390.5	297.8	205.0
102.5°	952.7	442.6	421.0	334.5	247.9
105°	979.4	485.5	467.1	393.8	320.5
107.5°	984.2	548.8	531.8	463.4	395.1
110°	976.9	584.3	568.8	507.2	445.4

TEST NUMBER: P935987

CATALOG NUMBER: SQ4-FA-150U-075D-B2750-1D-UNV-W2A-W-6-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	977.2	627.1	612.3	553.6	494.8
115°	986.1	691.4	677.9	623.6	569.3
117.5°	1004.6	753.9	741.5	692.2	642.9
120°	1019.4	790.2	778.7	732.3	685.8
122.5°	1040.8	833.1	821.4	774.6	727.8
125°	1069.7	888.0	877.4	834.6	792.0
127.5°	1098.6	941.1	930.4	887.2	844.2
130°	1119.8	976.6	965.0	918.6	872.2
132.5°	1136.8	1005.5	993.9	947.5	901.1
135°	1155.5	1039.0	1028.5	986.1	943.9
137.5°	1183.4	1081.9	1071.4	1029.6	987.7
140°	1200.5	1110.7	1101.1	1062.6	1024.1
142.5°	1214.8	1132.2	1123.3	1087.6	1052.0
145°	1233.4	1164.8	1157.1	1126.0	1094.9
147.5°	1260.7	1205.8	1198.2	1168.0	1137.7
150°	1275.0	1227.2	1220.3	1193.0	1165.7
152.5°	1284.3	1241.2	1236.0	1215.3	1194.6
155°	1304.9	1271.9	1268.1	1252.8	1237.4
157.5°	1325.4	1302.7	1299.0	1284.0	1269.1
160°	1334.6	1316.6	1313.7	1302.2	1290.6
162.5°	1344.6	1331.6	1329.4	1320.7	1312.0
165°	1358.8	1353.0	1351.0	1343.2	1335.3
167.5°	1370.1	1365.1	1364.2	1360.4	1356.8
170°	1379.4	1379.1	1378.2	1374.4	1370.7
172.5°	1380.1	1380.1	1379.9	1379.0	1378.2
175°	1385.6	1388.4	1388.4	1388.4	1388.4
177.5°	1386.2	1388.4	1388.4	1388.4	1388.4
180°	1388.4	1388.4	1388.4	1388.4	1388.4

TEST NUMBER: P935987

CATALOG NUMBER: SQ4-FA-150U-075D-B2750-1D-UNV-W2A-W-6-2700K

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	10.68	11.40	11.78	12.50	14.01	13.51	14.22	14.61	15.32	16.84
	3H	11.15	11.79	12.26	12.89	14.43	14.84	15.48	15.95	16.59	18.12
	4H	11.33	11.94	12.45	13.05	14.59	15.27	15.88	16.40	16.99	18.53
	6H	11.44	12.00	12.57	13.11	14.66	15.55	16.11	16.68	17.22	18.77
	8H	11.44	11.97	12.57	13.10	14.64	15.62	16.15	16.75	17.28	18.82
	12H	11.41	11.91	12.54	13.03	14.60	15.65	16.16	16.79	17.28	18.84
4H	2H	11.69	12.30	12.82	13.41	14.95	13.90	14.50	15.03	15.61	17.15
	3H	12.71	13.21	13.84	14.35	15.90	15.39	15.89	16.52	17.03	18.58
	4H	12.98	13.44	14.12	14.57	16.14	15.91	16.37	17.05	17.50	19.07
	6H	13.09	13.49	14.24	14.64	16.20	16.26	16.66	17.41	17.81	19.37
	8H	13.10	13.47	14.24	14.61	16.19	16.37	16.74	17.51	17.88	19.45
	12H	13.06	13.39	14.22	14.54	16.13	16.41	16.75	17.58	17.90	19.49
8H	4H	13.42	13.79	14.56	14.93	16.51	16.02	16.39	17.16	17.53	19.11
	6H	13.67	13.98	14.84	15.16	16.74	16.45	16.76	17.61	17.94	19.51
	8H	13.71	13.98	14.89	15.14	16.74	16.60	16.87	17.77	18.03	19.62
	12H	13.69	13.93	14.87	15.08	16.71	16.69	16.93	17.86	18.08	19.71
12H	4H	13.42	13.75	14.58	14.90	16.49	15.98	16.32	17.14	17.47	19.05
	6H	13.73	14.00	14.90	15.16	16.76	16.45	16.71	17.62	17.87	19.47
	8H	13.79	14.03	14.97	15.19	16.81	16.60	16.83	17.77	17.99	19.62