

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: P936183

Luminaire Tested: SQ4-FA-150U-125D-B2750-1D-UNV-W2A-W-4-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P936183
REPORT IS A COMBINATION OF REPORTS P933782 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-125D-B2750-1D-UNV-W2A-W-4-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

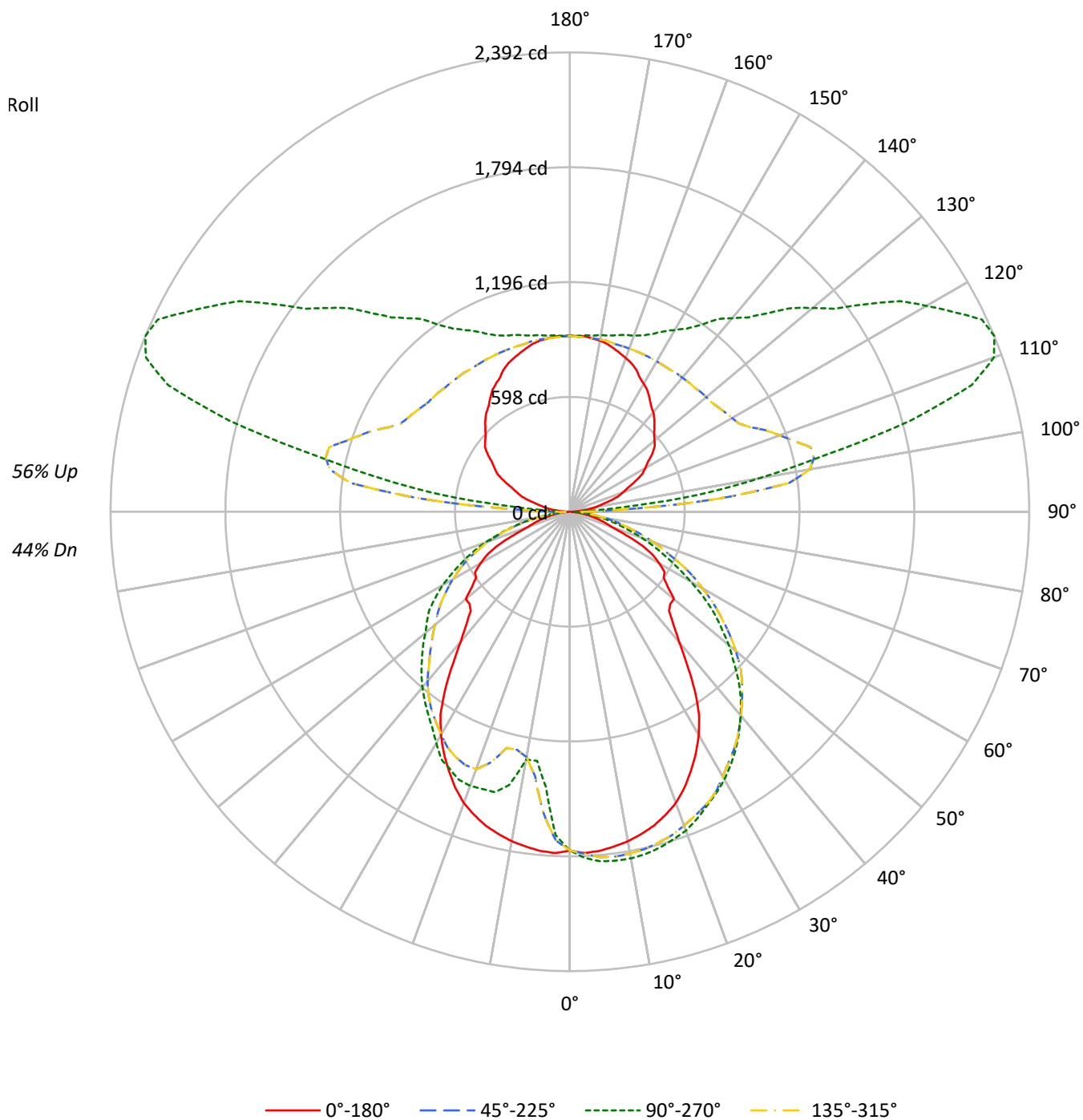
Lumens per Lamp: N/A
Luminaire Lumens: 10516.7 lumens
Efficiency: N/A
Efficacy: 126.4 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 83.2
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: P936183

CATALOG NUMBER: SQ4-FA-150U-125D-B2750-1D-UNV-W2A-W-4-3000K

Luminous Intensity Polar Plot



TEST NUMBER: P936183

CATALOG NUMBER: SQ4-FA-150U-125D-B2750-1D-UNV-W2A-W-4-3000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	106	106	106	106	97	97	97	97	80	80	80	64	64	64	50	50	50	44	44	44
1	96	92	88	85	88	84	81	78	70	68	66	57	55	54	44	43	42	37	37	37
2	88	80	74	69	80	74	69	64	61	58	54	50	47	45	39	37	36	31	31	31
3	80	71	63	58	73	65	59	54	54	49	46	44	41	38	35	32	30	26	26	26
4	73	63	55	49	67	57	51	45	48	43	39	39	35	32	31	28	26	22	22	22
5	67	56	48	42	61	51	44	39	43	37	33	35	31	28	28	25	23	19	19	19
6	62	50	42	36	56	46	39	34	39	33	29	32	28	24	25	22	20	17	17	17
7	57	45	37	31	52	41	34	29	35	29	25	29	25	22	23	20	18	15	15	15
8	53	41	33	28	48	38	31	26	32	26	23	26	22	19	21	18	16	13	13	13
9	49	37	30	25	45	34	28	23	29	24	20	24	20	17	19	16	14	12	12	12
10	46	34	27	22	42	31	25	21	27	22	18	22	18	16	18	15	13	11	11	11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16367	16367	16367	16367
5°	16470	16521	16470	12991
10°	16343	16274	16343	11635
15°	16146	15922	16146	13294
20°	15790	15504	15790	13322
25°	15080	14894	15080	13040
30°	14170	14388	14170	12421
35°	12614	13749	12614	11739
40°	10492	12996	10492	11224
45°	9356	12115	9356	10632
50°	9918	11062	9918	10039
55°	9305	9930	9305	9695
60°	9558	8434	9558	8879
65°	8623	6973	8623	7793
70°	5930	5556	5930	6531
75°	5145	4107	5145	4918
80°	4062	2716	4062	2956
85°	2211	1439	2211	1222

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 14369 cd/sqm

TEST NUMBER: P936183

CATALOG NUMBER: SQ4-FA-150U-125D-B2750-1D-UNV-W2A-W-4-3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	159.2	1.5
10°-20°	452.0	4.3
20°-30°	698.8	6.6
30°-40°	834.2	7.9
40°-50°	839.1	8.0
50°-60°	730.1	6.9
60°-70°	517.6	4.9
70°-80°	273.9	2.6
80°-90°	71.7	0.7
90°-100°	446.7	4.2
100°-110°	1174.3	11.2
110°-120°	1217.6	11.6
120°-130°	976.7	9.3
130°-140°	766.3	7.3
140°-150°	588.2	5.6
150°-160°	423.6	4.0
160°-170°	259.2	2.5
170°-180°	87.6	0.8
0°-30°	1310.0	12.5
0°-40°	2144.2	20.4
0°-60°	3713.3	35.3
0°-90°	4576.6	43.5
90°-120°	2838.6	27.0
90°-150°	5169.8	49.2
90°-180°	5940.0	56.5
0°-180°	10516.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1764	1764	1764	1764	1764	
5°	1772	1827	1772	1437	1772	168
15°	1692	1810	1692	1512	1692	476
25°	1490	1689	1490	1478	1490	684
35°	1133	1507	1133	1286	1133	701
45°	731	1242	731	1090	731	585
55°	596	916	596	894	596	547
65°	414	552	414	617	414	395
75°	157	262	157	314	157	165
85°	27	67	27	57	27	36
90°	6	23	6	23	6	6
95°	59	270	59	270	59	66
105°	212	1839	212	1839	212	224
115°	376	2368	376	2368	376	371
125°	523	1886	523	1886	523	464
135°	623	1463	623	1463	623	482
145°	723	1187	723	1187	723	453
155°	817	1022	817	1022	817	375
165°	881	952	881	952	881	249
175°	916	922	916	922	916	87
180°	916	916	916	916	916	

TEST NUMBER: P936183

CATALOG NUMBER: SQ4-FA-150U-125D-B2750-1D-UNV-W2A-W-4-3000K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8
2.5°	1778.7	1778.7	1788.8	1792.2	1792.2	1787.1	1782.1	1787.1	1802.1	1807.1	1805.5
5°	1772.0	1785.4	1803.8	1807.1	1810.5	1808.8	1805.5	1808.8	1825.5	1828.8	1830.5
7.5°	1758.7	1783.8	1807.1	1812.2	1817.1	1812.2	1810.5	1813.8	1830.5	1833.9	1833.9
10°	1742.1	1777.1	1803.8	1807.1	1812.2	1807.1	1807.1	1813.8	1830.5	1833.9	1835.5
12.5°	1718.7	1767.1	1792.2	1795.4	1802.1	1800.4	1798.8	1805.5	1822.1	1825.5	1825.5
15°	1692.0	1748.8	1772.0	1775.4	1787.1	1783.8	1783.8	1790.5	1808.8	1813.8	1812.2
17.5°	1655.3	1725.4	1752.0	1757.1	1765.4	1763.8	1765.4	1772.0	1788.8	1792.2	1793.7
20°	1613.6	1693.7	1725.4	1730.3	1738.7	1738.7	1738.7	1747.1	1763.8	1770.5	1770.5
22.5°	1556.8	1660.3	1693.7	1697.0	1707.0	1707.0	1710.3	1722.0	1737.0	1738.7	1738.7
25°	1490.0	1623.5	1651.9	1662.0	1672.0	1677.0	1682.0	1688.6	1693.7	1692.0	1693.7
27.5°	1420.0	1576.8	1613.6	1620.2	1633.6	1638.6	1645.2	1646.9	1648.6	1653.6	1650.3
30°	1341.6	1511.7	1566.9	1573.6	1595.2	1598.5	1591.9	1595.2	1603.5	1606.9	1610.2
32.5°	1253.1	1415.0	1518.4	1533.4	1553.5	1543.5	1541.8	1546.8	1560.1	1560.1	1563.5
35°	1133.0	1339.9	1473.4	1486.8	1501.8	1490.0	1496.7	1498.4	1506.8	1511.7	1510.2
37.5°	1001.2	1274.8	1426.6	1436.7	1448.3	1433.3	1443.4	1448.3	1455.0	1451.7	1451.7
40°	884.3	1173.0	1371.6	1378.3	1388.3	1376.7	1386.6	1390.0	1393.3	1390.0	1388.3
42.5°	797.6	1061.2	1313.3	1321.5	1314.8	1323.2	1326.6	1333.3	1328.2	1321.5	1321.5
45°	730.8	1031.3	1249.8	1259.8	1249.8	1263.2	1268.2	1268.2	1253.1	1249.8	1248.2
47.5°	709.1	971.1	1186.4	1186.4	1181.4	1198.1	1206.4	1194.7	1179.7	1174.7	1174.7
50°	707.5	904.4	1099.6	1093.0	1116.3	1136.4	1128.0	1116.3	1104.6	1086.3	1086.3
52.5°	642.4	822.6	987.9	1012.8	1049.6	1061.2	1047.9	1036.2	1016.2	1007.9	1001.2
55°	595.7	737.5	886.0	936.1	974.5	989.5	964.5	952.8	922.8	917.8	914.4
57.5°	585.7	614.1	792.6	856.0	902.7	901.1	886.0	864.3	839.3	834.4	832.7
60°	537.3	443.9	692.5	767.6	815.9	811.0	797.6	777.6	754.2	750.8	747.6
62.5°	487.3	322.0	579.0	664.1	732.5	730.8	719.2	689.1	672.5	664.1	657.5
65°	413.8	270.4	412.1	552.4	650.8	654.1	629.1	607.4	589.0	579.0	577.3
67.5°	315.3	220.3	278.6	460.6	572.4	569.0	537.3	527.3	503.9	498.9	489.0
70°	233.6	146.8	193.6	373.8	495.6	487.3	462.2	450.5	428.8	417.2	410.5
72.5°	193.6	118.5	141.8	290.4	417.2	407.1	385.4	372.1	353.8	343.7	337.0
75°	156.9	125.1	108.5	215.2	338.7	332.1	312.1	298.7	283.7	270.4	271.9
77.5°	115.2	116.8	86.8	158.5	268.7	258.6	247.0	230.2	223.6	210.2	210.2
80°	86.8	91.8	65.1	108.5	193.6	193.6	183.6	171.9	160.2	153.5	153.5
82.5°	58.4	58.4	48.4	68.4	131.8	126.8	120.1	116.8	110.1	106.8	106.8
85°	26.7	33.3	30.1	41.7	71.8	75.1	75.1	71.8	70.1	66.8	68.4
87.5°	8.4	15.0	18.3	23.4	36.7	38.4	40.0	40.0	40.0	41.7	41.7
90°	6.1	11.0	16.0	17.3	27.1	40.2	46.7	41.5	31.2	23.4	23.4
92.5°	24.6	66.4	108.3	118.7	166.8	231.0	263.2	230.6	165.6	116.8	112.2
95°	59.1	135.6	212.1	231.2	410.6	649.8	769.4	686.6	520.9	396.7	382.6
97.5°	102.1	169.6	237.1	254.0	553.0	951.9	1151.3	1098.9	994.2	915.7	888.9
100°	135.3	196.5	257.7	273.0	604.9	1047.4	1268.7	1272.5	1280.2	1285.9	1254.0
102.5°	163.6	220.8	277.9	292.2	628.8	1077.5	1301.9	1368.6	1502.0	1602.1	1574.7
105°	211.6	260.0	308.3	320.4	646.3	1080.9	1298.2	1447.6	1746.7	1971.0	1956.3
107.5°	260.8	305.9	351.0	362.3	649.7	1032.8	1224.4	1433.0	1850.0	2162.9	2166.4
110°	293.9	334.6	375.5	385.6	644.7	990.1	1162.9	1396.1	1862.4	2212.1	2227.4

TEST NUMBER: P936183

CATALOG NUMBER: SQ4-FA-150U-125D-B2750-1D-UNV-W2A-W-4-3000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	326.6	365.4	404.3	413.9	644.9	953.0	1107.0	1345.6	1822.8	2180.7	2204.2
115°	375.8	411.6	447.3	456.3	650.9	910.3	1039.9	1269.8	1729.5	2074.3	2107.0
117.5°	424.4	456.9	489.5	497.5	663.0	883.6	993.8	1201.2	1616.2	1927.3	1963.5
120°	452.6	483.2	513.8	521.5	672.7	874.5	975.4	1164.9	1544.0	1828.3	1863.4
122.5°	480.3	511.1	542.1	549.8	686.9	869.8	961.3	1131.9	1473.3	1729.3	1764.0
125°	522.8	550.9	579.1	586.1	706.0	865.9	945.9	1090.8	1380.8	1598.3	1630.3
127.5°	557.2	585.6	614.0	621.1	725.0	863.6	933.0	1057.5	1306.4	1493.2	1520.1
130°	575.6	606.2	636.8	644.4	739.0	865.0	928.0	1038.8	1260.5	1426.7	1451.6
132.5°	594.7	625.3	655.9	663.6	750.2	865.9	923.7	1022.9	1221.4	1370.1	1392.4
135°	623.0	650.9	678.7	685.7	762.6	865.0	916.3	999.4	1165.6	1290.2	1309.4
137.5°	651.8	679.5	707.1	714.0	781.0	870.4	915.1	985.3	1125.8	1231.2	1246.9
140°	675.9	701.3	726.8	733.1	792.3	871.3	910.8	971.4	1092.8	1183.8	1198.5
142.5°	694.3	717.8	741.3	747.2	801.7	874.4	910.8	964.1	1070.7	1150.7	1163.3
145°	722.6	743.1	763.6	768.7	814.0	874.5	904.7	948.2	1035.4	1100.8	1110.3
147.5°	750.8	770.9	790.8	795.8	832.1	880.5	904.7	939.0	1007.5	1059.0	1066.9
150°	769.4	787.4	805.4	809.9	841.5	883.6	904.7	933.6	991.5	1035.0	1041.4
152.5°	788.4	802.1	815.7	819.2	847.7	885.6	904.7	929.4	978.9	1016.0	1020.8
155°	816.7	826.9	836.9	839.5	861.2	890.2	904.7	924.4	963.7	993.2	996.5
157.5°	837.6	847.5	857.2	859.7	874.7	894.7	904.7	919.9	950.5	973.5	975.7
160°	851.7	859.4	867.1	869.0	880.9	896.8	904.7	917.8	944.0	963.6	964.9
162.5°	865.9	871.6	877.3	878.8	887.4	898.9	904.7	915.7	937.9	954.4	955.6
165°	881.3	886.4	891.6	892.9	896.9	902.1	904.7	912.5	928.4	940.2	941.5
167.5°	895.4	897.9	900.3	900.9	904.2	908.6	910.8	916.0	926.3	934.1	934.7
170°	904.7	907.1	909.6	910.2	910.4	910.7	910.8	916.0	926.3	934.1	934.1
172.5°	909.6	910.1	910.7	910.8	910.8	910.8	910.8	914.9	923.1	929.2	928.7
175°	916.3	916.3	916.3	916.3	914.4	912.0	910.8	913.3	918.6	922.5	922.5
177.5°	916.3	916.3	916.3	916.3	914.9	913.0	912.0	914.1	918.2	921.2	920.6
180°	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3

TEST NUMBER: P936183

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8
2.5°	1808.8	1803.8	1808.8	1805.5	1807.1	1802.1	1787.1	1782.1	1787.1	1792.2	1792.2
5°	1830.5	1827.2	1830.5	1830.5	1828.8	1825.5	1808.8	1805.5	1808.8	1810.5	1807.1
7.5°	1837.1	1832.2	1837.1	1833.9	1833.9	1830.5	1813.8	1810.5	1812.2	1817.1	1812.2
10°	1837.1	1832.2	1837.1	1835.5	1833.9	1830.5	1813.8	1807.1	1807.1	1812.2	1807.1
12.5°	1828.8	1825.5	1828.8	1825.5	1825.5	1822.1	1805.5	1798.8	1800.4	1802.1	1795.4
15°	1815.4	1810.5	1815.4	1812.2	1813.8	1808.8	1790.5	1783.8	1783.8	1787.1	1775.4
17.5°	1795.4	1788.8	1795.4	1793.7	1792.2	1788.8	1772.0	1765.4	1763.8	1765.4	1757.1
20°	1772.0	1767.1	1772.0	1770.5	1770.5	1763.8	1747.1	1738.7	1738.7	1738.7	1730.3
22.5°	1735.4	1730.3	1735.4	1738.7	1738.7	1737.0	1722.0	1710.3	1707.0	1707.0	1697.0
25°	1693.7	1688.6	1693.7	1693.7	1692.0	1693.7	1688.6	1682.0	1677.0	1672.0	1662.0
27.5°	1653.6	1650.3	1653.6	1650.3	1653.6	1648.6	1646.9	1645.2	1638.6	1633.6	1620.2
30°	1613.6	1610.2	1613.6	1610.2	1606.9	1603.5	1595.2	1591.9	1598.5	1595.2	1573.6
32.5°	1563.5	1560.1	1563.5	1563.5	1560.1	1560.1	1546.8	1541.8	1543.5	1553.5	1533.4
35°	1511.7	1506.8	1511.7	1510.2	1511.7	1506.8	1498.4	1496.7	1490.0	1501.8	1486.8
37.5°	1451.7	1446.7	1451.7	1451.7	1451.7	1455.0	1448.3	1443.4	1433.3	1448.3	1436.7
40°	1390.0	1383.3	1390.0	1388.3	1390.0	1393.3	1390.0	1386.6	1376.7	1388.3	1378.3
42.5°	1319.9	1318.2	1319.9	1321.5	1321.5	1328.2	1333.3	1326.6	1323.2	1314.8	1321.5
45°	1244.8	1241.5	1244.8	1248.2	1249.8	1253.1	1268.2	1268.2	1263.2	1249.8	1259.8
47.5°	1164.7	1156.4	1164.7	1174.7	1174.7	1179.7	1194.7	1206.4	1198.1	1181.4	1186.4
50°	1079.6	1081.2	1079.6	1086.3	1086.3	1104.6	1116.3	1128.0	1136.4	1116.3	1093.0
52.5°	996.2	994.5	996.2	1001.2	1007.9	1016.2	1036.2	1047.9	1061.2	1049.6	1012.8
55°	912.7	916.1	912.7	914.4	917.8	922.8	952.8	964.5	989.5	974.5	936.1
57.5°	829.3	824.3	829.3	832.7	834.4	839.3	864.3	886.0	901.1	902.7	856.0
60°	732.5	725.9	732.5	747.6	750.8	754.2	777.6	797.6	811.0	815.9	767.6
62.5°	647.4	635.8	647.4	657.5	664.1	672.5	689.1	719.2	730.8	732.5	664.1
65°	557.3	552.4	557.3	577.3	579.0	589.0	607.4	629.1	654.1	650.8	552.4
67.5°	475.5	475.5	475.5	489.0	498.9	503.9	527.3	537.3	569.0	572.4	460.6
70°	400.5	398.8	400.5	410.5	417.2	428.8	450.5	462.2	487.3	495.6	373.8
72.5°	328.7	327.1	328.7	337.0	343.7	353.8	372.1	385.4	407.1	417.2	290.4
75°	265.3	262.0	265.3	271.9	270.4	283.7	298.7	312.1	332.1	338.7	215.2
77.5°	203.6	203.6	203.6	210.2	210.2	223.6	230.2	247.0	258.6	268.7	158.5
80°	151.8	150.2	151.8	153.5	153.5	160.2	171.9	183.6	193.6	193.6	108.5
82.5°	106.8	103.4	106.8	106.8	106.8	110.1	116.8	120.1	126.8	131.8	68.4
85°	66.8	66.8	66.8	68.4	66.8	70.1	71.8	75.1	75.1	71.8	41.7
87.5°	43.4	41.7	43.4	41.7	41.7	40.0	40.0	40.0	38.4	36.7	23.4
90°	23.4	23.4	23.4	23.4	23.4	31.2	41.5	46.7	40.2	27.1	17.3
92.5°	93.6	75.0	93.6	112.2	116.8	165.6	230.6	263.2	231.0	166.8	118.7
95°	326.3	270.0	326.3	382.6	396.7	520.9	686.6	769.4	649.8	410.6	231.2
97.5°	781.8	674.6	781.8	888.9	915.7	994.2	1098.9	1151.3	951.9	553.0	254.0
100°	1126.4	998.7	1126.4	1254.0	1285.9	1280.2	1272.5	1268.7	1047.4	604.9	273.0
102.5°	1465.4	1356.0	1465.4	1574.7	1602.1	1502.0	1368.6	1301.9	1077.5	628.8	292.2
105°	1897.6	1838.8	1897.6	1956.3	1971.0	1746.7	1447.6	1298.2	1080.9	646.3	320.4
107.5°	2180.6	2194.8	2180.6	2166.4	2162.9	1850.0	1433.0	1224.4	1032.8	649.7	362.3
110°	2288.6	2349.8	2288.6	2227.4	2212.1	1862.4	1396.1	1162.9	990.1	644.7	385.6

TEST NUMBER: P936183

CATALOG NUMBER: SQ4-FA-150U-125D-B2750-1D-UNV-W2A-W-4-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2298.3	2392.2	2298.3	2204.2	2180.7	1822.8	1345.6	1107.0	953.0	644.9	413.9
115°	2237.3	2367.7	2237.3	2107.0	2074.3	1729.5	1269.8	1039.9	910.3	650.9	456.3
117.5°	2108.1	2252.6	2108.1	1963.5	1927.3	1616.2	1201.2	993.8	883.6	663.0	497.5
120°	2003.9	2144.5	2003.9	1863.4	1828.3	1544.0	1164.9	975.4	874.5	672.7	521.5
122.5°	1902.6	2041.1	1902.6	1764.0	1729.3	1473.3	1131.9	961.3	869.8	686.9	549.8
125°	1757.8	1885.5	1757.8	1630.3	1598.3	1380.8	1090.8	945.9	865.9	706.0	586.1
127.5°	1627.8	1735.5	1627.8	1520.1	1493.2	1306.4	1057.5	933.0	863.6	725.0	621.1
130°	1551.1	1650.6	1551.1	1451.6	1426.7	1260.5	1038.8	928.0	865.0	739.0	644.4
132.5°	1481.5	1570.6	1481.5	1392.4	1370.1	1221.4	1022.9	923.7	865.9	750.2	663.6
135°	1386.2	1463.0	1386.2	1309.4	1290.2	1165.6	999.4	916.3	865.0	762.6	685.7
137.5°	1309.8	1372.6	1309.8	1246.9	1231.2	1125.8	985.3	915.1	870.4	781.0	714.0
140°	1257.2	1316.0	1257.2	1198.5	1183.8	1092.8	971.4	910.8	871.3	792.3	733.1
142.5°	1213.9	1264.3	1213.9	1163.3	1150.7	1070.7	964.1	910.8	874.4	801.7	747.2
145°	1148.7	1186.9	1148.7	1110.3	1100.8	1035.4	948.2	904.7	874.5	814.0	768.7
147.5°	1098.6	1130.4	1098.6	1066.9	1059.0	1007.5	939.0	904.7	880.5	832.1	795.8
150°	1067.1	1092.8	1067.1	1041.4	1035.0	991.5	933.6	904.7	883.6	841.5	809.9
152.5°	1040.2	1059.6	1040.2	1020.8	1016.0	978.9	929.4	904.7	885.6	847.7	819.2
155°	1009.3	1022.1	1009.3	996.5	993.2	963.7	924.4	904.7	890.2	861.2	839.5
157.5°	984.7	993.8	984.7	975.7	973.5	950.5	919.9	904.7	894.7	874.7	859.7
160°	970.1	975.4	970.1	964.9	963.6	944.0	917.8	904.7	896.8	880.9	869.0
162.5°	960.6	965.5	960.6	955.6	954.4	937.9	915.7	904.7	898.9	887.4	878.8
165°	946.8	952.0	946.8	941.5	940.2	928.4	912.5	904.7	902.1	896.9	892.9
167.5°	936.9	939.1	936.9	934.7	934.1	926.3	916.0	910.8	908.6	904.2	900.9
170°	934.1	934.1	934.1	934.1	934.1	926.3	916.0	910.8	910.7	910.4	910.2
172.5°	926.8	925.0	926.8	928.7	929.2	923.1	914.9	910.8	910.8	910.8	910.8
175°	922.5	922.5	922.5	922.5	922.5	918.6	913.3	910.8	912.0	914.4	916.3
177.5°	918.5	916.3	918.5	920.6	921.2	918.2	914.1	912.0	913.0	914.9	916.3
180°	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3

TEST NUMBER: P936183

CATALOG NUMBER: SQ4-FA-150U-125D-B2750-1D-UNV-W2A-W-4-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8
2.5°	1788.8	1778.7	1778.7	1762.1	1755.4	1750.3	1742.1	1717.0	1710.3	1703.7	1713.7
5°	1803.8	1785.4	1772.0	1742.1	1717.0	1707.0	1675.3	1615.3	1575.2	1545.2	1528.5
7.5°	1807.1	1783.8	1758.7	1712.0	1651.9	1625.2	1528.5	1418.4	1388.3	1361.6	1344.9
10°	1803.8	1777.1	1742.1	1672.0	1530.2	1483.4	1386.6	1314.8	1296.5	1291.6	1296.5
12.5°	1792.2	1767.1	1718.7	1601.9	1403.3	1371.6	1314.8	1273.1	1269.9	1278.2	1323.2
15°	1772.0	1748.8	1692.0	1508.5	1333.3	1309.9	1269.9	1254.8	1273.1	1331.6	1466.8
17.5°	1752.0	1725.4	1655.3	1416.7	1279.8	1263.2	1234.8	1264.8	1368.3	1446.7	1491.7
20°	1725.4	1693.7	1613.6	1349.9	1241.5	1226.5	1213.1	1348.3	1426.6	1455.0	1480.1
22.5°	1693.7	1660.3	1556.8	1303.2	1201.4	1189.7	1198.1	1395.0	1426.6	1446.7	1468.4
25°	1651.9	1623.5	1490.0	1266.5	1169.7	1156.4	1188.0	1390.0	1408.3	1413.3	1456.7
27.5°	1613.6	1576.8	1420.0	1233.1	1131.3	1126.3	1196.4	1368.3	1381.6	1386.6	1433.3
30°	1566.9	1511.7	1341.6	1198.1	1091.3	1089.6	1198.1	1341.6	1338.2	1351.6	1398.3
32.5°	1518.4	1415.0	1253.1	1154.7	1052.9	1051.3	1186.4	1301.5	1298.2	1316.5	1351.6
35°	1473.4	1339.9	1133.0	1104.6	1004.5	1006.2	1158.1	1254.8	1256.5	1273.1	1294.8
37.5°	1426.6	1274.8	1001.2	1049.6	957.8	957.8	1119.6	1211.4	1208.0	1213.1	1243.1
40°	1371.6	1173.0	884.3	977.8	914.4	909.4	1073.0	1164.7	1153.0	1151.4	1193.1
42.5°	1313.3	1061.2	797.6	882.7	864.3	857.7	1016.2	1108.0	1086.3	1091.3	1144.6
45°	1249.8	1031.3	730.8	745.9	812.7	807.6	954.4	1042.9	1027.9	1041.2	1096.3
47.5°	1186.4	971.1	709.1	619.1	757.5	755.9	886.0	979.5	971.1	984.5	1042.9
50°	1099.6	904.4	707.5	530.7	695.8	702.5	804.3	917.8	917.8	929.4	991.1
52.5°	987.9	822.6	642.4	480.6	624.0	644.1	732.5	864.3	867.7	879.4	934.4
55°	886.0	737.5	595.7	442.2	538.9	582.3	662.5	809.3	815.9	827.6	877.7
57.5°	792.6	614.1	585.7	397.2	460.6	502.3	600.7	755.9	759.2	769.3	817.6
60°	692.5	443.9	537.3	348.7	392.1	423.8	544.0	692.5	704.2	710.8	752.5
62.5°	579.0	322.0	487.3	315.3	358.7	365.4	497.2	632.4	647.4	652.4	677.5
65°	412.1	270.4	413.8	287.0	323.7	325.4	447.2	570.7	584.0	592.4	610.7
67.5°	278.6	220.3	315.3	260.3	297.0	298.7	398.8	498.9	517.3	524.0	535.6
70°	193.6	146.8	233.6	231.9	267.0	270.4	347.1	433.8	450.5	455.5	462.2
72.5°	141.8	118.5	193.6	208.5	235.3	238.6	293.6	360.4	377.1	382.1	385.4
75°	108.5	125.1	156.9	181.9	200.3	201.9	240.3	293.6	305.4	308.7	310.4
77.5°	86.8	116.8	115.2	146.8	163.5	160.2	188.5	227.0	236.9	236.9	236.9
80°	65.1	91.8	86.8	105.1	120.1	116.8	135.2	161.9	165.2	168.5	166.8
82.5°	48.4	58.4	58.4	66.8	80.1	76.7	90.1	105.1	105.1	105.1	108.5
85°	30.1	33.3	26.7	35.0	45.1	43.4	50.1	56.7	58.4	58.4	55.0
87.5°	18.3	15.0	8.4	13.3	20.0	20.0	23.4	25.0	23.4	23.4	23.4
90°	16.0	11.0	6.1	11.0	16.0	17.3	27.1	40.2	46.7	41.5	31.2
92.5°	108.3	66.4	24.6	66.4	108.3	118.7	166.8	231.0	263.2	230.6	165.6
95°	212.1	135.6	59.1	135.6	212.1	231.2	410.6	649.8	769.4	686.6	520.9
97.5°	237.1	169.6	102.1	169.6	237.1	254.0	553.0	951.9	1151.3	1098.9	994.2
100°	257.7	196.5	135.3	196.5	257.7	273.0	604.9	1047.4	1268.7	1272.5	1280.2
102.5°	277.9	220.8	163.6	220.8	277.9	292.2	628.8	1077.5	1301.9	1368.6	1502.0
105°	308.3	260.0	211.6	260.0	308.3	320.4	646.3	1080.9	1298.2	1447.6	1746.7
107.5°	351.0	305.9	260.8	305.9	351.0	362.3	649.7	1032.8	1224.4	1433.0	1850.0
110°	375.5	334.6	293.9	334.6	375.5	385.6	644.7	990.1	1162.9	1396.1	1862.4

TEST NUMBER: P936183

CATALOG NUMBER: SQ4-FA-150U-125D-B2750-1D-UNV-W2A-W-4-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	404.3	365.4	326.6	365.4	404.3	413.9	644.9	953.0	1107.0	1345.6	1822.8
115°	447.3	411.6	375.8	411.6	447.3	456.3	650.9	910.3	1039.9	1269.8	1729.5
117.5°	489.5	456.9	424.4	456.9	489.5	497.5	663.0	883.6	993.8	1201.2	1616.2
120°	513.8	483.2	452.6	483.2	513.8	521.5	672.7	874.5	975.4	1164.9	1544.0
122.5°	542.1	511.1	480.3	511.1	542.1	549.8	686.9	869.8	961.3	1131.9	1473.3
125°	579.1	550.9	522.8	550.9	579.1	586.1	706.0	865.9	945.9	1090.8	1380.8
127.5°	614.0	585.6	557.2	585.6	614.0	621.1	725.0	863.6	933.0	1057.5	1306.4
130°	636.8	606.2	575.6	606.2	636.8	644.4	739.0	865.0	928.0	1038.8	1260.5
132.5°	655.9	625.3	594.7	625.3	655.9	663.6	750.2	865.9	923.7	1022.9	1221.4
135°	678.7	650.9	623.0	650.9	678.7	685.7	762.6	865.0	916.3	999.4	1165.6
137.5°	707.1	679.5	651.8	679.5	707.1	714.0	781.0	870.4	915.1	985.3	1125.8
140°	726.8	701.3	675.9	701.3	726.8	733.1	792.3	871.3	910.8	971.4	1092.8
142.5°	741.3	717.8	694.3	717.8	741.3	747.2	801.7	874.4	910.8	964.1	1070.7
145°	763.6	743.1	722.6	743.1	763.6	768.7	814.0	874.5	904.7	948.2	1035.4
147.5°	790.8	770.9	750.8	770.9	790.8	795.8	832.1	880.5	904.7	939.0	1007.5
150°	805.4	787.4	769.4	787.4	805.4	809.9	841.5	883.6	904.7	933.6	991.5
152.5°	815.7	802.1	788.4	802.1	815.7	819.2	847.7	885.6	904.7	929.4	978.9
155°	836.9	826.9	816.7	826.9	836.9	839.5	861.2	890.2	904.7	924.4	963.7
157.5°	857.2	847.5	837.6	847.5	857.2	859.7	874.7	894.7	904.7	919.9	950.5
160°	867.1	859.4	851.7	859.4	867.1	869.0	880.9	896.8	904.7	917.8	944.0
162.5°	877.3	871.6	865.9	871.6	877.3	878.8	887.4	898.9	904.7	915.7	937.9
165°	891.6	886.4	881.3	886.4	891.6	892.9	896.9	902.1	904.7	912.5	928.4
167.5°	900.3	897.9	895.4	897.9	900.3	900.9	904.2	908.6	910.8	916.0	926.3
170°	909.6	907.1	904.7	907.1	909.6	910.2	910.4	910.7	910.8	916.0	926.3
172.5°	910.7	910.1	909.6	910.1	910.7	910.8	910.8	910.8	910.8	914.9	923.1
175°	916.3	916.3	916.3	916.3	916.3	916.3	914.4	912.0	910.8	913.3	918.6
177.5°	916.3	916.3	916.3	916.3	916.3	916.3	914.9	913.0	912.0	914.1	918.2
180°	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3

TEST NUMBER: P936183

CATALOG NUMBER: SQ4-FA-150U-125D-B2750-1D-UNV-W2A-W-4-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8
2.5°	1702.0	1697.0	1703.7	1685.3	1703.7	1697.0	1702.0	1713.7	1703.7	1710.3	1717.0
5°	1493.4	1485.1	1458.4	1436.7	1458.4	1485.1	1493.4	1528.5	1545.2	1575.2	1615.3
7.5°	1334.9	1328.2	1321.5	1308.2	1321.5	1328.2	1334.9	1344.9	1361.6	1388.3	1418.4
10°	1299.8	1301.5	1311.6	1309.9	1311.6	1301.5	1299.8	1296.5	1291.6	1296.5	1314.8
12.5°	1390.0	1405.0	1460.1	1456.7	1460.1	1405.0	1390.0	1323.2	1278.2	1269.9	1273.1
15°	1493.4	1498.4	1510.2	1511.7	1510.2	1498.4	1493.4	1466.8	1331.6	1273.1	1254.8
17.5°	1503.5	1505.1	1513.4	1513.4	1513.4	1505.1	1503.5	1491.7	1446.7	1368.3	1264.8
20°	1495.1	1498.4	1515.1	1518.4	1515.1	1498.4	1495.1	1480.1	1455.0	1426.6	1348.3
22.5°	1491.7	1498.4	1511.7	1510.2	1511.7	1498.4	1491.7	1468.4	1446.7	1426.6	1395.0
25°	1475.1	1475.1	1476.7	1478.4	1476.7	1475.1	1475.1	1456.7	1413.3	1408.3	1390.0
27.5°	1440.1	1443.4	1453.4	1451.7	1453.4	1443.4	1440.1	1433.3	1386.6	1381.6	1368.3
30°	1408.3	1405.0	1396.7	1390.0	1396.7	1405.0	1408.3	1398.3	1351.6	1338.2	1341.6
32.5°	1355.0	1346.6	1338.2	1333.3	1338.2	1346.6	1355.0	1351.6	1316.5	1298.2	1301.5
35°	1291.6	1293.1	1291.6	1286.5	1291.6	1293.1	1291.6	1294.8	1273.1	1256.5	1254.8
37.5°	1246.5	1249.8	1248.2	1241.5	1248.2	1249.8	1246.5	1243.1	1213.1	1208.0	1211.4
40°	1199.8	1201.4	1199.8	1194.7	1199.8	1201.4	1199.8	1193.1	1151.4	1153.0	1164.7
42.5°	1154.7	1153.0	1148.0	1144.6	1148.0	1153.0	1154.7	1144.6	1091.3	1086.3	1108.0
45°	1102.9	1104.6	1094.7	1089.6	1094.7	1104.6	1102.9	1096.3	1041.2	1027.9	1042.9
47.5°	1051.3	1051.3	1042.9	1037.9	1042.9	1051.3	1051.3	1042.9	984.5	971.1	979.5
50°	996.2	994.5	982.8	981.2	982.8	994.5	996.2	991.1	929.4	917.8	917.8
52.5°	932.8	932.8	934.4	937.8	934.4	932.8	932.8	934.4	879.4	867.7	864.3
55°	877.7	879.4	891.0	894.4	891.0	879.4	877.7	877.7	827.6	815.9	809.3
57.5°	820.9	820.9	829.3	829.3	829.3	820.9	820.9	817.6	769.3	759.2	755.9
60°	755.9	759.2	765.9	764.2	765.9	759.2	755.9	752.5	710.8	704.2	692.5
62.5°	687.4	690.8	692.5	689.1	692.5	690.8	687.4	677.5	652.4	647.4	632.4
65°	615.8	619.1	620.7	617.4	620.7	619.1	615.8	610.7	592.4	584.0	570.7
67.5°	542.3	540.6	538.9	545.7	538.9	540.6	542.3	535.6	524.0	517.3	498.9
70°	467.2	467.2	465.6	468.8	465.6	467.2	467.2	462.2	455.5	450.5	433.8
72.5°	387.1	385.4	392.1	387.1	392.1	385.4	387.1	385.4	382.1	377.1	360.4
75°	308.7	312.1	308.7	313.7	308.7	312.1	308.7	310.4	308.7	305.4	293.6
77.5°	235.3	238.6	235.3	235.3	235.3	238.6	235.3	236.9	236.9	236.9	227.0
80°	166.8	165.2	165.2	163.5	165.2	165.2	166.8	166.8	168.5	165.2	161.9
82.5°	106.8	105.1	105.1	108.5	105.1	105.1	106.8	108.5	105.1	105.1	105.1
85°	58.4	60.0	56.7	56.7	56.7	60.0	58.4	55.0	58.4	58.4	56.7
87.5°	21.7	20.0	20.0	20.0	20.0	20.0	21.7	23.4	23.4	23.4	25.0
90°	23.4	23.4	23.4	23.4	23.4	23.4	23.4	31.2	41.5	46.7	40.2
92.5°	116.8	112.2	93.6	75.0	93.6	112.2	116.8	165.6	230.6	263.2	231.0
95°	396.7	382.6	326.3	270.0	326.3	382.6	396.7	520.9	686.6	769.4	649.8
97.5°	915.7	888.9	781.8	674.6	781.8	888.9	915.7	994.2	1098.9	1151.3	951.9
100°	1285.9	1254.0	1126.4	998.7	1126.4	1254.0	1285.9	1280.2	1272.5	1268.7	1047.4
102.5°	1602.1	1574.7	1465.4	1356.0	1465.4	1574.7	1602.1	1502.0	1368.6	1301.9	1077.5
105°	1971.0	1956.3	1897.6	1838.8	1897.6	1956.3	1971.0	1746.7	1447.6	1298.2	1080.9
107.5°	2162.9	2166.4	2180.6	2194.8	2180.6	2166.4	2162.9	1850.0	1433.0	1224.4	1032.8
110°	2212.1	2227.4	2288.6	2349.8	2288.6	2227.4	2212.1	1862.4	1396.1	1162.9	990.1

TEST NUMBER: P936183

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2180.7	2204.2	2298.3	2392.2	2298.3	2204.2	2180.7	1822.8	1345.6	1107.0	953.0
115°	2074.3	2107.0	2237.3	2367.7	2237.3	2107.0	2074.3	1729.5	1269.8	1039.9	910.3
117.5°	1927.3	1963.5	2108.1	2252.6	2108.1	1963.5	1927.3	1616.2	1201.2	993.8	883.6
120°	1828.3	1863.4	2003.9	2144.5	2003.9	1863.4	1828.3	1544.0	1164.9	975.4	874.5
122.5°	1729.3	1764.0	1902.6	2041.1	1902.6	1764.0	1729.3	1473.3	1131.9	961.3	869.8
125°	1598.3	1630.3	1757.8	1885.5	1757.8	1630.3	1598.3	1380.8	1090.8	945.9	865.9
127.5°	1493.2	1520.1	1627.8	1735.5	1627.8	1520.1	1493.2	1306.4	1057.5	933.0	863.6
130°	1426.7	1451.6	1551.1	1650.6	1551.1	1451.6	1426.7	1260.5	1038.8	928.0	865.0
132.5°	1370.1	1392.4	1481.5	1570.6	1481.5	1392.4	1370.1	1221.4	1022.9	923.7	865.9
135°	1290.2	1309.4	1386.2	1463.0	1386.2	1309.4	1290.2	1165.6	999.4	916.3	865.0
137.5°	1231.2	1246.9	1309.8	1372.6	1309.8	1246.9	1231.2	1125.8	985.3	915.1	870.4
140°	1183.8	1198.5	1257.2	1316.0	1257.2	1198.5	1183.8	1092.8	971.4	910.8	871.3
142.5°	1150.7	1163.3	1213.9	1264.3	1213.9	1163.3	1150.7	1070.7	964.1	910.8	874.4
145°	1100.8	1110.3	1148.7	1186.9	1148.7	1110.3	1100.8	1035.4	948.2	904.7	874.5
147.5°	1059.0	1066.9	1098.6	1130.4	1098.6	1066.9	1059.0	1007.5	939.0	904.7	880.5
150°	1035.0	1041.4	1067.1	1092.8	1067.1	1041.4	1035.0	991.5	933.6	904.7	883.6
152.5°	1016.0	1020.8	1040.2	1059.6	1040.2	1020.8	1016.0	978.9	929.4	904.7	885.6
155°	993.2	996.5	1009.3	1022.1	1009.3	996.5	993.2	963.7	924.4	904.7	890.2
157.5°	973.5	975.7	984.7	993.8	984.7	975.7	973.5	950.5	919.9	904.7	894.7
160°	963.6	964.9	970.1	975.4	970.1	964.9	963.6	944.0	917.8	904.7	896.8
162.5°	954.4	955.6	960.6	965.5	960.6	955.6	954.4	937.9	915.7	904.7	898.9
165°	940.2	941.5	946.8	952.0	946.8	941.5	940.2	928.4	912.5	904.7	902.1
167.5°	934.1	934.7	936.9	939.1	936.9	934.7	934.1	926.3	916.0	910.8	908.6
170°	934.1	934.1	934.1	934.1	934.1	934.1	934.1	926.3	916.0	910.8	910.7
172.5°	929.2	928.7	926.8	925.0	926.8	928.7	929.2	923.1	914.9	910.8	910.8
175°	922.5	922.5	922.5	922.5	922.5	922.5	922.5	918.6	913.3	910.8	912.0
177.5°	921.2	920.6	918.5	916.3	918.5	920.6	921.2	918.2	914.1	912.0	913.0
180°	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1763.8	1763.8	1763.8	1763.8	1763.8
2.5°	1742.1	1750.3	1755.4	1762.1	1778.7
5°	1675.3	1707.0	1717.0	1742.1	1772.0
7.5°	1528.5	1625.2	1651.9	1712.0	1758.7
10°	1386.6	1483.4	1530.2	1672.0	1742.1
12.5°	1314.8	1371.6	1403.3	1601.9	1718.7
15°	1269.9	1309.9	1333.3	1508.5	1692.0
17.5°	1234.8	1263.2	1279.8	1416.7	1655.3
20°	1213.1	1226.5	1241.5	1349.9	1613.6
22.5°	1198.1	1189.7	1201.4	1303.2	1556.8
25°	1188.0	1156.4	1169.7	1266.5	1490.0
27.5°	1196.4	1126.3	1131.3	1233.1	1420.0
30°	1198.1	1089.6	1091.3	1198.1	1341.6
32.5°	1186.4	1051.3	1052.9	1154.7	1253.1
35°	1158.1	1006.2	1004.5	1104.6	1133.0
37.5°	1119.6	957.8	957.8	1049.6	1001.2
40°	1073.0	909.4	914.4	977.8	884.3
42.5°	1016.2	857.7	864.3	882.7	797.6
45°	954.4	807.6	812.7	745.9	730.8
47.5°	886.0	755.9	757.5	619.1	709.1
50°	804.3	702.5	695.8	530.7	707.5
52.5°	732.5	644.1	624.0	480.6	642.4
55°	662.5	582.3	538.9	442.2	595.7
57.5°	600.7	502.3	460.6	397.2	585.7
60°	544.0	423.8	392.1	348.7	537.3
62.5°	497.2	365.4	358.7	315.3	487.3
65°	447.2	325.4	323.7	287.0	413.8
67.5°	398.8	298.7	297.0	260.3	315.3
70°	347.1	270.4	267.0	231.9	233.6
72.5°	293.6	238.6	235.3	208.5	193.6
75°	240.3	201.9	200.3	181.9	156.9
77.5°	188.5	160.2	163.5	146.8	115.2
80°	135.2	116.8	120.1	105.1	86.8
82.5°	90.1	76.7	80.1	66.8	58.4
85°	50.1	43.4	45.1	35.0	26.7
87.5°	23.4	20.0	20.0	13.3	8.4
90°	27.1	17.3	16.0	11.0	6.1
92.5°	166.8	118.7	108.3	66.4	24.6
95°	410.6	231.2	212.1	135.6	59.1
97.5°	553.0	254.0	237.1	169.6	102.1
100°	604.9	273.0	257.7	196.5	135.3
102.5°	628.8	292.2	277.9	220.8	163.6
105°	646.3	320.4	308.3	260.0	211.6
107.5°	649.7	362.3	351.0	305.9	260.8
110°	644.7	385.6	375.5	334.6	293.9

TEST NUMBER: P936183

CATALOG NUMBER: SQ4-FA-150U-125D-B2750-1D-UNV-W2A-W-4-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	644.9	413.9	404.3	365.4	326.6
115°	650.9	456.3	447.3	411.6	375.8
117.5°	663.0	497.5	489.5	456.9	424.4
120°	672.7	521.5	513.8	483.2	452.6
122.5°	686.9	549.8	542.1	511.1	480.3
125°	706.0	586.1	579.1	550.9	522.8
127.5°	725.0	621.1	614.0	585.6	557.2
130°	739.0	644.4	636.8	606.2	575.6
132.5°	750.2	663.6	655.9	625.3	594.7
135°	762.6	685.7	678.7	650.9	623.0
137.5°	781.0	714.0	707.1	679.5	651.8
140°	792.3	733.1	726.8	701.3	675.9
142.5°	801.7	747.2	741.3	717.8	694.3
145°	814.0	768.7	763.6	743.1	722.6
147.5°	832.1	795.8	790.8	770.9	750.8
150°	841.5	809.9	805.4	787.4	769.4
152.5°	847.7	819.2	815.7	802.1	788.4
155°	861.2	839.5	836.9	826.9	816.7
157.5°	874.7	859.7	857.2	847.5	837.6
160°	880.9	869.0	867.1	859.4	851.7
162.5°	887.4	878.8	877.3	871.6	865.9
165°	896.9	892.9	891.6	886.4	881.3
167.5°	904.2	900.9	900.3	897.9	895.4
170°	910.4	910.2	909.6	907.1	904.7
172.5°	910.8	910.8	910.7	910.1	909.6
175°	914.4	916.3	916.3	916.3	916.3
177.5°	914.9	916.3	916.3	916.3	916.3
180°	916.3	916.3	916.3	916.3	916.3

TEST NUMBER: P936183

CATALOG NUMBER: SQ4-FA-150U-125D-B2750-1D-UNV-W2A-W-4-3000K

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	13.87	14.68	14.89	15.70	17.06	16.67	17.48	17.68	18.50	19.86
	3H	14.35	15.07	15.37	16.10	17.48	18.00	18.73	19.02	19.75	21.14
	4H	14.54	15.22	15.57	16.25	17.64	18.44	19.12	19.47	20.15	21.54
	6H	14.65	15.28	15.70	16.32	17.72	18.71	19.34	19.76	20.38	21.78
	8H	14.65	15.25	15.70	16.30	17.70	18.78	19.38	19.83	20.43	21.83
	12H	14.62	15.19	15.68	16.24	17.66	18.81	19.38	19.87	20.43	21.85
4H	2H	14.89	15.58	15.93	16.61	18.00	17.08	17.76	18.12	18.79	20.18
	3H	15.91	16.48	16.96	17.54	18.95	18.57	19.14	19.62	20.20	21.60
	4H	16.19	16.71	17.24	17.76	19.19	19.09	19.61	20.14	20.66	22.08
	6H	16.31	16.76	17.38	17.83	19.25	19.44	19.89	20.51	20.96	22.38
	8H	16.32	16.73	17.38	17.80	19.24	19.54	19.96	20.61	21.03	22.46
	12H	16.28	16.66	17.36	17.74	19.18	19.59	19.97	20.67	21.05	22.49
8H	4H	16.63	17.05	17.70	18.12	19.55	19.21	19.63	20.27	20.69	22.13
	6H	16.89	17.24	17.98	18.35	19.78	19.63	19.98	20.72	21.09	22.52
	8H	16.93	17.24	18.03	18.33	19.78	19.78	20.08	20.88	21.18	22.63
	12H	16.92	17.18	18.01	18.27	19.76	19.87	20.14	20.97	21.22	22.72
12H	4H	16.63	17.01	17.72	18.09	19.53	19.17	19.55	20.25	20.63	22.07
	6H	16.95	17.25	18.05	18.35	19.80	19.63	19.93	20.73	21.03	22.48
	8H	17.01	17.28	18.11	18.37	19.86	19.78	20.05	20.88	21.14	22.63

END OF REPORT