

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: P935590

Luminaire Tested: SQ4-FA-125U-075D-B2750-1D-UNV-STD-W-6-4000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935590
REPORT IS A COMBINATION OF REPORTS P933759 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-075D-B2750-1D-UNV-STD-W-6-4000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

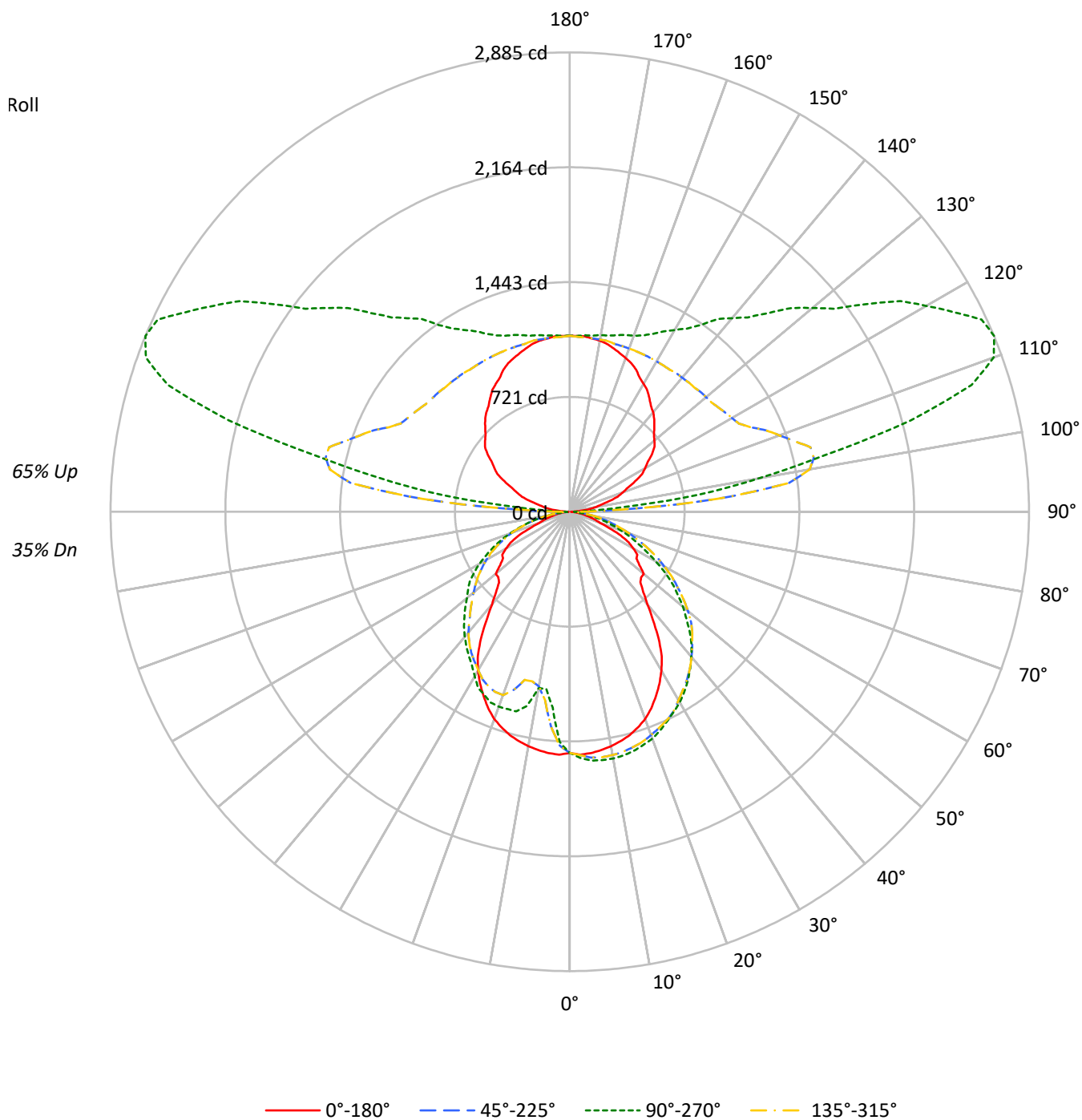
Lumens per Lamp: N/A
Luminaire Lumens: 11094.1 lumens
Efficiency: N/A
Efficacy: 133.0 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 83.4
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: P935590

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-STD-W-6-4000K

Luminous Intensity Polar Plot



TEST NUMBER: P935590

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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	104	104	104	104	94	94	94	94	75	75	75	58	58	58	43	43	43
1	95	90	87	83	85	82	79	76	66	64	62	51	50	49	38	37	36
2	86	79	73	68	78	72	66	62	58	54	51	45	43	41	33	32	30
3	78	69	62	56	71	63	57	52	51	47	43	40	37	34	29	28	26
4	72	61	54	48	65	56	49	44	45	40	36	35	32	29	26	24	22
5	66	54	46	41	59	50	43	38	40	35	31	32	28	25	24	21	19
6	60	49	41	35	54	44	37	32	36	31	27	29	25	22	21	19	17
7	56	44	36	31	50	40	33	28	33	28	24	26	22	19	20	17	15
8	52	40	32	27	47	36	30	25	30	25	21	24	20	17	18	15	13
9	48	36	29	24	43	33	27	22	27	22	19	22	18	15	16	14	12
10	45	33	26	21	41	30	24	20	25	20	17	20	16	14	15	13	11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9367	9367	9367	9367
5°	9433	9455	9433	7435
10°	9367	9314	9367	6659
15°	9262	9112	9262	7609
20°	9064	8873	9064	7625
25°	8664	8524	8664	7463
30°	8148	8235	8148	7109
35°	7261	7869	7261	6719
40°	6046	7438	6046	6424
45°	5399	6933	5399	6085
50°	5732	6332	5732	5745
55°	5387	5683	5387	5548
60°	5547	4827	5547	5082
65°	5021	3990	5021	4460
70°	3468	3180	3468	3738
75°	3031	2351	3031	2815
80°	2425	1554	2425	1692
85°	1365	823	1365	700

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 8280 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.7	1.2
10°-20°	388.1	3.5
20°-30°	599.9	5.4
30°-40°	716.1	6.5
40°-50°	720.3	6.5
50°-60°	626.8	5.6
60°-70°	444.4	4.0
70°-80°	235.1	2.1
80°-90°	62.8	0.6
90°-100°	538.7	4.9
100°-110°	1416.2	12.8
110°-120°	1468.5	13.2
120°-130°	1177.9	10.6
130°-140°	924.2	8.3
140°-150°	709.4	6.4
150°-160°	510.9	4.6
160°-170°	312.6	2.8
170°-180°	105.6	1.0
0°-30°	1124.6	10.1
0°-40°	1840.8	16.6
0°-60°	3187.9	28.7
0°-90°	3930.1	35.4
90°-120°	3423.4	30.9
90°-150°	6234.9	56.2
90°-180°	7164.0	64.6
0°-180°	11094.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1514	1514	1514	1514	1514	
5°	1521	1569	1521	1233	1521	144
15°	1453	1554	1453	1298	1453	409
25°	1279	1450	1279	1269	1279	587
35°	973	1294	973	1104	973	602
45°	627	1066	627	935	627	503
55°	511	786	511	768	511	470
65°	355	474	355	530	355	340
75°	135	225	135	269	135	142
85°	23	57	23	49	23	31
90°	7	28	7	28	7	7
95°	71	326	71	326	71	79
105°	255	2218	255	2218	255	271
115°	453	2855	453	2855	453	448
125°	630	2274	630	2274	630	560
135°	751	1764	751	1764	751	581
145°	871	1431	871	1431	871	546
155°	985	1233	985	1233	985	453
165°	1063	1148	1063	1148	1063	300
175°	1105	1113	1105	1113	1105	105
180°	1105	1105	1105	1105	1105	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1514.2	1514.2	1514.2	1514.2	1514.2	1514.2	1514.2	1514.2	1514.2	1514.2	1514.2
2.5°	1527.0	1527.0	1535.6	1538.5	1538.5	1534.2	1529.9	1534.2	1547.1	1551.4	1550.0
5°	1521.3	1532.8	1548.5	1551.4	1554.3	1552.8	1550.0	1552.8	1567.2	1570.0	1571.5
7.5°	1509.9	1531.3	1551.4	1555.7	1560.0	1555.7	1554.3	1557.1	1571.5	1574.3	1574.3
10°	1495.5	1525.6	1548.5	1551.4	1555.7	1551.4	1551.4	1557.1	1571.5	1574.3	1575.8
12.5°	1475.5	1517.0	1538.5	1541.4	1547.1	1545.7	1544.2	1550.0	1564.3	1567.2	1567.2
15°	1452.6	1501.3	1521.3	1524.2	1534.2	1531.3	1531.3	1537.1	1552.8	1557.1	1555.7
17.5°	1421.0	1481.2	1504.1	1508.4	1515.6	1514.2	1515.6	1521.3	1535.6	1538.5	1539.9
20°	1385.2	1454.0	1481.2	1485.5	1492.7	1492.7	1492.7	1499.8	1514.2	1519.9	1519.9
22.5°	1336.5	1425.3	1454.0	1456.9	1465.4	1465.4	1468.3	1478.3	1491.2	1492.7	1492.7
25°	1279.2	1393.8	1418.2	1426.8	1435.4	1439.7	1444.0	1449.7	1454.0	1452.6	1454.0
27.5°	1219.1	1353.7	1385.2	1391.0	1402.4	1406.7	1412.4	1413.9	1415.3	1419.6	1416.7
30°	1151.7	1297.8	1345.1	1350.8	1369.5	1372.3	1366.6	1369.5	1376.6	1379.5	1382.4
32.5°	1075.8	1214.8	1303.6	1316.5	1333.7	1325.1	1323.6	1327.9	1339.4	1339.4	1342.3
35°	972.7	1150.3	1264.9	1276.4	1289.2	1279.2	1285.0	1286.4	1293.5	1297.8	1296.4
37.5°	859.5	1094.4	1224.8	1233.4	1243.4	1230.5	1239.1	1243.4	1249.1	1246.3	1246.3
40°	759.2	1007.0	1177.5	1183.2	1191.8	1181.8	1190.4	1193.3	1196.1	1193.3	1191.8
42.5°	684.7	911.1	1127.4	1134.5	1128.8	1136.0	1138.8	1144.6	1140.3	1134.5	1134.5
45°	627.4	885.3	1072.9	1081.5	1072.9	1084.4	1088.7	1088.7	1075.8	1072.9	1071.5
47.5°	608.8	833.7	1018.5	1018.5	1014.2	1028.5	1035.7	1025.7	1012.8	1008.5	1008.5
50°	607.4	776.4	944.0	938.3	958.3	975.5	968.4	958.3	948.3	932.6	932.6
52.5°	551.5	706.2	848.0	869.5	901.0	911.1	899.6	889.6	872.4	865.2	859.5
55°	511.4	633.2	760.7	803.6	836.6	849.5	828.0	818.0	792.2	787.9	785.0
57.5°	502.8	527.2	680.4	734.9	775.0	773.6	760.7	742.0	720.5	716.2	714.8
60°	461.3	381.0	594.5	658.9	700.5	696.2	684.7	667.5	647.5	644.6	641.8
62.5°	418.3	276.5	497.1	570.1	628.9	627.4	617.4	591.6	577.3	570.1	564.4
65°	355.3	232.1	353.8	474.2	558.7	561.5	540.1	521.4	505.7	497.1	495.6
67.5°	270.7	189.1	239.2	395.4	491.3	488.5	461.3	452.7	432.6	428.3	419.7
70°	200.5	126.1	166.2	320.9	425.5	418.3	396.8	386.8	368.2	358.1	352.4
72.5°	166.2	101.7	121.8	249.3	358.1	349.5	330.9	319.4	303.7	295.1	289.4
75°	134.7	107.4	93.1	184.8	290.8	285.1	267.9	256.4	243.5	232.1	233.5
77.5°	98.8	100.3	74.5	136.1	230.6	222.0	212.0	197.7	192.0	180.5	180.5
80°	74.5	78.8	55.9	93.1	166.2	166.2	157.6	147.5	137.5	131.8	131.8
82.5°	50.1	50.1	41.5	58.7	113.2	108.9	103.1	100.3	94.5	91.7	91.7
85°	22.9	28.6	25.8	35.8	61.6	64.5	64.5	61.6	60.2	57.3	58.7
87.5°	7.2	12.9	15.8	20.1	31.5	32.9	34.4	34.4	34.4	35.8	35.8
90°	7.4	13.4	19.3	20.7	32.6	48.4	56.3	50.0	37.5	28.2	28.2
92.5°	29.7	80.1	130.5	143.2	201.2	278.7	317.4	278.2	199.8	141.0	135.3
95°	71.2	163.5	255.7	278.9	495.2	783.7	927.9	828.0	628.2	478.4	461.4
97.5°	123.1	204.5	285.9	306.3	667.0	1148.0	1388.5	1325.3	1199.1	1104.4	1072.1
100°	163.2	237.0	310.9	329.3	729.5	1263.3	1530.1	1534.7	1543.9	1550.8	1512.3
102.5°	197.3	266.2	335.1	352.3	758.3	1299.5	1570.1	1650.5	1811.4	1932.1	1899.1
105°	255.2	313.5	371.8	386.4	779.5	1303.7	1565.7	1746.0	2106.6	2377.1	2359.3
107.5°	314.5	368.8	423.3	436.8	783.5	1245.6	1476.7	1728.3	2231.3	2608.5	2612.8
110°	354.5	403.6	452.7	465.0	777.5	1194.1	1402.5	1683.7	2246.1	2667.9	2686.3

TEST NUMBER: P935590

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	393.8	440.6	487.4	499.2	777.8	1149.2	1335.0	1622.7	2198.3	2630.0	2658.3
115°	453.1	496.3	539.6	550.4	785.0	1097.8	1254.2	1531.4	2085.9	2501.7	2541.1
117.5°	511.8	551.0	590.2	600.0	799.5	1065.5	1198.5	1448.7	1949.2	2324.5	2368.0
120°	545.9	582.8	619.7	629.0	811.4	1054.6	1176.3	1404.9	1862.1	2205.0	2247.4
122.5°	579.3	616.5	653.8	663.1	828.5	1049.0	1159.3	1365.2	1776.9	2085.6	2127.4
125°	630.4	664.4	698.3	706.8	851.5	1044.3	1140.7	1315.6	1665.3	1927.7	1966.2
127.5°	671.9	706.2	740.5	749.1	874.5	1041.6	1125.2	1275.3	1575.7	1800.8	1833.3
130°	694.2	731.1	768.0	777.3	891.2	1043.1	1119.2	1252.9	1520.2	1720.7	1750.7
132.5°	717.2	754.2	791.0	800.3	904.9	1044.3	1114.0	1233.7	1473.0	1652.4	1679.3
135°	751.3	784.9	818.5	826.9	919.7	1043.3	1105.1	1205.3	1405.8	1556.1	1579.2
137.5°	786.2	819.5	852.8	861.1	941.9	1049.7	1103.6	1188.3	1357.7	1484.8	1503.7
140°	815.1	845.7	876.4	884.0	955.5	1050.8	1098.4	1171.6	1318.0	1427.7	1445.5
142.5°	837.3	865.7	894.1	901.1	966.9	1054.6	1098.4	1162.7	1291.3	1387.7	1403.0
145°	871.4	896.2	920.9	927.1	981.7	1054.6	1091.0	1143.6	1248.8	1327.6	1339.2
147.5°	905.6	929.7	953.8	959.8	1003.5	1061.9	1091.0	1132.3	1215.1	1277.2	1286.8
150°	927.9	949.7	971.3	976.8	1014.9	1065.6	1091.0	1125.9	1195.9	1248.3	1256.0
152.5°	950.8	967.3	983.8	987.9	1022.3	1068.1	1091.0	1120.8	1180.5	1225.3	1231.1
155°	985.0	997.2	1009.3	1012.4	1038.6	1073.5	1091.0	1114.8	1162.2	1197.9	1201.8
157.5°	1010.2	1022.0	1033.9	1036.8	1054.9	1079.0	1091.0	1109.4	1146.4	1174.1	1176.8
160°	1027.2	1036.5	1045.7	1048.0	1062.3	1081.4	1091.0	1106.8	1138.5	1162.2	1163.8
162.5°	1044.3	1051.2	1058.1	1059.9	1070.3	1084.1	1091.0	1104.4	1131.0	1151.1	1152.6
165°	1062.8	1069.1	1075.4	1077.0	1081.6	1087.8	1091.0	1100.5	1119.7	1134.1	1135.6
167.5°	1079.9	1082.9	1085.8	1086.6	1090.5	1095.8	1098.4	1104.7	1117.3	1126.6	1127.3
170°	1091.0	1094.0	1096.9	1097.7	1098.0	1098.2	1098.4	1104.7	1117.3	1126.6	1126.6
172.5°	1096.9	1097.6	1098.2	1098.4	1098.4	1098.4	1098.4	1103.4	1113.2	1120.7	1120.1
175°	1105.1	1105.1	1105.1	1105.1	1102.9	1100.0	1098.4	1101.6	1107.9	1112.6	1112.6
177.5°	1105.1	1105.1	1105.1	1105.1	1103.4	1101.0	1099.9	1102.4	1107.3	1111.0	1110.4
180°	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1514.2	1514.2	1514.2	1514.2	1514.2	1514.2	1514.2	1514.2	1514.2	1514.2	1514.2
2.5°	1552.8	1548.5	1552.8	1550.0	1551.4	1547.1	1534.2	1529.9	1534.2	1538.5	1538.5
5°	1571.5	1568.6	1571.5	1571.5	1570.0	1567.2	1552.8	1550.0	1552.8	1554.3	1551.4
7.5°	1577.2	1572.9	1577.2	1574.3	1574.3	1571.5	1557.1	1554.3	1555.7	1560.0	1555.7
10°	1577.2	1572.9	1577.2	1575.8	1574.3	1571.5	1557.1	1551.4	1551.4	1555.7	1551.4
12.5°	1570.0	1567.2	1570.0	1567.2	1567.2	1564.3	1550.0	1544.2	1545.7	1547.1	1541.4
15°	1558.6	1554.3	1558.6	1555.7	1557.1	1552.8	1537.1	1531.3	1531.3	1534.2	1524.2
17.5°	1541.4	1535.6	1541.4	1539.9	1538.5	1535.6	1521.3	1515.6	1514.2	1515.6	1508.4
20°	1521.3	1517.0	1521.3	1519.9	1519.9	1514.2	1499.8	1492.7	1492.7	1492.7	1485.5
22.5°	1489.8	1485.5	1489.8	1492.7	1492.7	1491.2	1478.3	1468.3	1465.4	1465.4	1456.9
25°	1454.0	1449.7	1454.0	1454.0	1452.6	1454.0	1449.7	1444.0	1439.7	1435.4	1426.8
27.5°	1419.6	1416.7	1419.6	1416.7	1419.6	1415.3	1413.9	1412.4	1406.7	1402.4	1391.0
30°	1385.2	1382.4	1385.2	1382.4	1379.5	1376.6	1369.5	1366.6	1372.3	1369.5	1350.8
32.5°	1342.3	1339.4	1342.3	1342.3	1339.4	1339.4	1327.9	1323.6	1325.1	1333.7	1316.5
35°	1297.8	1293.5	1297.8	1296.4	1297.8	1293.5	1286.4	1285.0	1279.2	1289.2	1276.4
37.5°	1246.3	1242.0	1246.3	1246.3	1246.3	1249.1	1243.4	1239.1	1230.5	1243.4	1233.4
40°	1193.3	1187.5	1193.3	1191.8	1193.3	1196.1	1193.3	1190.4	1181.8	1191.8	1183.2
42.5°	1133.1	1131.7	1133.1	1134.5	1134.5	1140.3	1144.6	1138.8	1136.0	1128.8	1134.5
45°	1068.6	1065.8	1068.6	1071.5	1072.9	1075.8	1088.7	1088.7	1084.4	1072.9	1081.5
47.5°	999.9	992.7	999.9	1008.5	1008.5	1012.8	1025.7	1035.7	1028.5	1014.2	1018.5
50°	926.8	928.3	926.8	932.6	932.6	948.3	958.3	968.4	975.5	958.3	938.3
52.5°	855.2	853.8	855.2	859.5	865.2	872.4	889.6	899.6	911.1	901.0	869.5
55°	783.6	786.4	783.6	785.0	787.9	792.2	818.0	828.0	849.5	836.6	803.6
57.5°	712.0	707.7	712.0	714.8	716.2	720.5	742.0	760.7	773.6	775.0	734.9
60°	628.9	623.1	628.9	641.8	644.6	647.5	667.5	684.7	696.2	700.5	658.9
62.5°	555.8	545.8	555.8	564.4	570.1	577.3	591.6	617.4	627.4	628.9	570.1
65°	478.5	474.2	478.5	495.6	497.1	505.7	521.4	540.1	561.5	558.7	474.2
67.5°	408.3	408.3	408.3	419.7	428.3	432.6	452.7	461.3	488.5	491.3	395.4
70°	343.8	342.4	343.8	352.4	358.1	368.2	386.8	396.8	418.3	425.5	320.9
72.5°	282.2	280.8	282.2	289.4	295.1	303.7	319.4	330.9	349.5	358.1	249.3
75°	227.8	224.9	227.8	233.5	232.1	243.5	256.4	267.9	285.1	290.8	184.8
77.5°	174.8	174.8	174.8	180.5	180.5	192.0	197.7	212.0	222.0	230.6	136.1
80°	130.4	128.9	130.4	131.8	131.8	137.5	147.5	157.6	166.2	166.2	93.1
82.5°	91.7	88.8	91.7	91.7	91.7	94.5	100.3	103.1	108.9	113.2	58.7
85°	57.3	57.3	57.3	58.7	57.3	60.2	61.6	64.5	64.5	61.6	35.8
87.5°	37.2	35.8	37.2	35.8	35.8	34.4	34.4	34.4	32.9	31.5	20.1
90°	28.2	28.2	28.2	28.2	28.2	37.5	50.0	56.3	48.4	32.6	20.7
92.5°	112.9	90.4	112.9	135.3	141.0	199.8	278.2	317.4	278.7	201.2	143.2
95°	393.5	325.6	393.5	461.4	478.4	628.2	828.0	927.9	783.7	495.2	278.9
97.5°	942.9	813.7	942.9	1072.1	1104.4	1199.1	1325.3	1388.5	1148.0	667.0	306.3
100°	1358.5	1204.5	1358.5	1512.3	1550.8	1543.9	1534.7	1530.1	1263.3	729.5	329.3
102.5°	1767.2	1635.4	1767.2	1899.1	1932.1	1811.4	1650.5	1570.1	1299.5	758.3	352.3
105°	2288.5	2217.6	2288.5	2359.3	2377.1	2106.6	1746.0	1565.7	1303.7	779.5	386.4
107.5°	2629.9	2647.1	2629.9	2612.8	2608.5	2231.3	1728.3	1476.7	1245.6	783.5	436.8
110°	2760.1	2834.0	2760.1	2686.3	2667.9	2246.1	1683.7	1402.5	1194.1	777.5	465.0

TEST NUMBER: P935590

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2771.7	2885.2	2771.7	2658.3	2630.0	2198.3	1622.7	1335.0	1149.2	777.8	499.2
115°	2698.3	2855.4	2698.3	2541.1	2501.7	2085.9	1531.4	1254.2	1097.8	785.0	550.4
117.5°	2542.4	2716.8	2542.4	2368.0	2324.5	1949.2	1448.7	1198.5	1065.5	799.5	600.0
120°	2416.8	2586.2	2416.8	2247.4	2205.0	1862.1	1404.9	1176.3	1054.6	811.4	629.0
122.5°	2294.5	2461.6	2294.5	2127.4	2085.6	1776.9	1365.2	1159.3	1049.0	828.5	663.1
125°	2120.1	2274.0	2120.1	1966.2	1927.7	1665.3	1315.6	1140.7	1044.3	851.5	706.8
127.5°	1963.2	2093.1	1963.2	1833.3	1800.8	1575.7	1275.3	1125.2	1041.6	874.5	749.1
130°	1870.7	1990.7	1870.7	1750.7	1720.7	1520.2	1252.9	1119.2	1043.1	891.2	777.3
132.5°	1786.8	1894.2	1786.8	1679.3	1652.4	1473.0	1233.7	1114.0	1044.3	904.9	800.3
135°	1671.8	1764.5	1671.8	1579.2	1556.1	1405.8	1205.3	1105.1	1043.3	919.7	826.9
137.5°	1579.6	1655.4	1579.6	1503.7	1484.8	1357.7	1188.3	1103.6	1049.7	941.9	861.1
140°	1516.3	1587.2	1516.3	1445.5	1427.7	1318.0	1171.6	1098.4	1050.8	955.5	884.0
142.5°	1463.9	1524.9	1463.9	1403.0	1387.7	1291.3	1162.7	1098.4	1054.6	966.9	901.1
145°	1385.3	1431.4	1385.3	1339.2	1327.6	1248.8	1143.6	1091.0	1054.6	981.7	927.1
147.5°	1325.1	1363.3	1325.1	1286.8	1277.2	1215.1	1132.3	1091.0	1061.9	1003.5	959.8
150°	1287.1	1318.0	1287.1	1256.0	1248.3	1195.9	1125.9	1091.0	1065.6	1014.9	976.8
152.5°	1254.5	1277.9	1254.5	1231.1	1225.3	1180.5	1120.8	1091.0	1068.1	1022.3	987.9
155°	1217.2	1232.7	1217.2	1201.8	1197.9	1162.2	1114.8	1091.0	1073.5	1038.6	1012.4
157.5°	1187.6	1198.5	1187.6	1176.8	1174.1	1146.4	1109.4	1091.0	1079.0	1054.9	1036.8
160°	1170.1	1176.3	1170.1	1163.8	1162.2	1138.5	1106.8	1091.0	1081.4	1062.3	1048.0
162.5°	1158.5	1164.4	1158.5	1152.6	1151.1	1131.0	1104.4	1091.0	1084.1	1070.3	1059.9
165°	1141.9	1148.1	1141.9	1135.6	1134.1	1119.7	1100.5	1091.0	1087.8	1081.6	1077.0
167.5°	1129.9	1132.5	1129.9	1127.3	1126.6	1117.3	1104.7	1098.4	1095.8	1090.5	1086.6
170°	1126.6	1126.6	1126.6	1126.6	1126.6	1117.3	1104.7	1098.4	1098.2	1098.0	1097.7
172.5°	1117.8	1115.5	1117.8	1120.1	1120.7	1113.2	1103.4	1098.4	1098.4	1098.4	1098.4
175°	1112.6	1112.6	1112.6	1112.6	1112.6	1107.9	1101.6	1098.4	1100.0	1102.9	1105.1
177.5°	1107.8	1105.1	1107.8	1110.4	1111.0	1107.3	1102.4	1099.9	1101.0	1103.4	1105.1
180°	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1

TEST NUMBER: P935590

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1514.2	1514.2	1514.2	1514.2	1514.2	1514.2	1514.2	1514.2	1514.2	1514.2	1514.2
2.5°	1535.6	1527.0	1527.0	1512.7	1507.0	1502.7	1495.5	1474.0	1468.3	1462.6	1471.2
5°	1548.5	1532.8	1521.3	1495.5	1474.0	1465.4	1438.2	1386.7	1352.3	1326.5	1312.2
7.5°	1551.4	1531.3	1509.9	1469.7	1418.2	1395.3	1312.2	1217.6	1191.8	1168.9	1154.6
10°	1548.5	1525.6	1495.5	1435.4	1313.6	1273.5	1190.4	1128.8	1113.1	1108.8	1113.1
12.5°	1538.5	1517.0	1475.5	1375.2	1204.7	1177.5	1128.8	1093.0	1090.1	1097.3	1136.0
15°	1521.3	1501.3	1452.6	1295.0	1144.6	1124.5	1090.1	1077.2	1093.0	1143.1	1259.2
17.5°	1504.1	1481.2	1421.0	1216.2	1098.7	1084.4	1060.0	1085.8	1174.6	1242.0	1280.7
20°	1481.2	1454.0	1385.2	1158.9	1065.8	1052.9	1041.4	1157.5	1224.8	1249.1	1270.6
22.5°	1454.0	1425.3	1336.5	1118.8	1031.4	1021.4	1028.5	1197.6	1224.8	1242.0	1260.6
25°	1418.2	1393.8	1279.2	1087.3	1004.2	992.7	1019.9	1193.3	1209.0	1213.3	1250.6
27.5°	1385.2	1353.7	1219.1	1058.6	971.2	966.9	1027.1	1174.6	1186.1	1190.4	1230.5
30°	1345.1	1297.8	1151.7	1028.5	936.9	935.4	1028.5	1151.7	1148.9	1160.3	1200.4
32.5°	1303.6	1214.8	1075.8	991.3	903.9	902.5	1018.5	1117.4	1114.5	1130.2	1160.3
35°	1264.9	1150.3	972.7	948.3	862.4	863.8	994.2	1077.2	1078.7	1093.0	1111.6
37.5°	1224.8	1094.4	859.5	901.0	822.3	822.3	961.2	1040.0	1037.1	1041.4	1067.2
40°	1177.5	1007.0	759.2	839.4	785.0	780.7	921.1	999.9	989.9	988.4	1024.2
42.5°	1127.4	911.1	684.7	757.8	742.0	736.3	872.4	951.2	932.6	936.9	982.7
45°	1072.9	885.3	627.4	640.3	697.6	693.3	819.4	895.3	882.4	893.9	941.2
47.5°	1018.5	833.7	608.8	531.5	650.4	648.9	760.7	840.9	833.7	845.2	895.3
50°	944.0	776.4	607.4	455.5	597.4	603.1	690.5	787.9	787.9	797.9	850.9
52.5°	848.0	706.2	551.5	412.6	535.8	552.9	628.9	742.0	744.9	754.9	802.2
55°	760.7	633.2	511.4	379.6	462.7	499.9	568.7	694.8	700.5	710.5	753.5
57.5°	680.4	527.2	502.8	340.9	395.4	431.2	515.7	648.9	651.8	660.4	701.9
60°	594.5	381.0	461.3	299.4	336.6	363.9	467.0	594.5	604.5	610.2	646.1
62.5°	497.1	276.5	418.3	270.7	308.0	313.7	426.9	542.9	555.8	560.1	581.6
65°	353.8	232.1	355.3	246.4	277.9	279.3	383.9	489.9	501.4	508.5	524.3
67.5°	239.2	189.1	270.7	223.5	255.0	256.4	342.4	428.3	444.1	449.8	459.8
70°	166.2	126.1	200.5	199.1	229.2	232.1	298.0	372.4	386.8	391.1	396.8
72.5°	121.8	101.7	166.2	179.1	202.0	204.8	252.1	309.4	323.7	328.0	330.9
75°	93.1	107.4	134.7	156.1	171.9	173.3	206.3	252.1	262.1	265.0	266.4
77.5°	74.5	100.3	98.8	126.1	140.4	137.5	161.9	194.8	203.4	203.4	203.4
80°	55.9	78.8	74.5	90.2	103.1	100.3	116.0	139.0	141.8	144.7	143.2
82.5°	41.5	50.1	50.1	57.3	68.8	65.9	77.4	90.2	90.2	90.2	93.1
85°	25.8	28.6	22.9	30.1	38.7	37.2	43.0	48.7	50.1	50.1	47.3
87.5°	15.8	12.9	7.2	11.5	17.2	17.2	20.1	21.5	20.1	20.1	20.1
90°	19.3	13.4	7.4	13.4	19.3	20.7	32.6	48.4	56.3	50.0	37.5
92.5°	130.5	80.1	29.7	80.1	130.5	143.2	201.2	278.7	317.4	278.2	199.8
95°	255.7	163.5	71.2	163.5	255.7	278.9	495.2	783.7	927.9	828.0	628.2
97.5°	285.9	204.5	123.1	204.5	285.9	306.3	667.0	1148.0	1388.5	1325.3	1199.1
100°	310.9	237.0	163.2	237.0	310.9	329.3	729.5	1263.3	1530.1	1534.7	1543.9
102.5°	335.1	266.2	197.3	266.2	335.1	352.3	758.3	1299.5	1570.1	1650.5	1811.4
105°	371.8	313.5	255.2	313.5	371.8	386.4	779.5	1303.7	1565.7	1746.0	2106.6
107.5°	423.3	368.8	314.5	368.8	423.3	436.8	783.5	1245.6	1476.7	1728.3	2231.3
110°	452.7	403.6	354.5	403.6	452.7	465.0	777.5	1194.1	1402.5	1683.7	2246.1

TEST NUMBER: P935590

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	487.4	440.6	393.8	440.6	487.4	499.2	777.8	1149.2	1335.0	1622.7	2198.3
115°	539.6	496.3	453.1	496.3	539.6	550.4	785.0	1097.8	1254.2	1531.4	2085.9
117.5°	590.2	551.0	511.8	551.0	590.2	600.0	799.5	1065.5	1198.5	1448.7	1949.2
120°	619.7	582.8	545.9	582.8	619.7	629.0	811.4	1054.6	1176.3	1404.9	1862.1
122.5°	653.8	616.5	579.3	616.5	653.8	663.1	828.5	1049.0	1159.3	1365.2	1776.9
125°	698.3	664.4	630.4	664.4	698.3	706.8	851.5	1044.3	1140.7	1315.6	1665.3
127.5°	740.5	706.2	671.9	706.2	740.5	749.1	874.5	1041.6	1125.2	1275.3	1575.7
130°	768.0	731.1	694.2	731.1	768.0	777.3	891.2	1043.1	1119.2	1252.9	1520.2
132.5°	791.0	754.2	717.2	754.2	791.0	800.3	904.9	1044.3	1114.0	1233.7	1473.0
135°	818.5	784.9	751.3	784.9	818.5	826.9	919.7	1043.3	1105.1	1205.3	1405.8
137.5°	852.8	819.5	786.2	819.5	852.8	861.1	941.9	1049.7	1103.6	1188.3	1357.7
140°	876.4	845.7	815.1	845.7	876.4	884.0	955.5	1050.8	1098.4	1171.6	1318.0
142.5°	894.1	865.7	837.3	865.7	894.1	901.1	966.9	1054.6	1098.4	1162.7	1291.3
145°	920.9	896.2	871.4	896.2	920.9	927.1	981.7	1054.6	1091.0	1143.6	1248.8
147.5°	953.8	929.7	905.6	929.7	953.8	959.8	1003.5	1061.9	1091.0	1132.3	1215.1
150°	971.3	949.7	927.9	949.7	971.3	976.8	1014.9	1065.6	1091.0	1125.9	1195.9
152.5°	983.8	967.3	950.8	967.3	983.8	987.9	1022.3	1068.1	1091.0	1120.8	1180.5
155°	1009.3	997.2	985.0	997.2	1009.3	1012.4	1038.6	1073.5	1091.0	1114.8	1162.2
157.5°	1033.9	1022.0	1010.2	1022.0	1033.9	1036.8	1054.9	1079.0	1091.0	1109.4	1146.4
160°	1045.7	1036.5	1027.2	1036.5	1045.7	1048.0	1062.3	1081.4	1091.0	1106.8	1138.5
162.5°	1058.1	1051.2	1044.3	1051.2	1058.1	1059.9	1070.3	1084.1	1091.0	1104.4	1131.0
165°	1075.4	1069.1	1062.8	1069.1	1075.4	1077.0	1081.6	1087.8	1091.0	1100.5	1119.7
167.5°	1085.8	1082.9	1079.9	1082.9	1085.8	1086.6	1090.5	1095.8	1098.4	1104.7	1117.3
170°	1096.9	1094.0	1091.0	1094.0	1096.9	1097.7	1098.0	1098.2	1098.4	1104.7	1117.3
172.5°	1098.2	1097.6	1096.9	1097.6	1098.2	1098.4	1098.4	1098.4	1098.4	1103.4	1113.2
175°	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1102.9	1100.0	1098.4	1101.6	1107.9
177.5°	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1103.4	1101.0	1099.9	1102.4	1107.3
180°	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1

TEST NUMBER: P935590

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1514.2	1514.2	1514.2	1514.2	1514.2	1514.2	1514.2	1514.2	1514.2	1514.2	1514.2
2.5°	1461.1	1456.9	1462.6	1446.8	1462.6	1456.9	1461.1	1471.2	1462.6	1468.3	1474.0
5°	1282.1	1274.9	1252.0	1233.4	1252.0	1274.9	1282.1	1312.2	1326.5	1352.3	1386.7
7.5°	1146.0	1140.3	1134.5	1123.1	1134.5	1140.3	1146.0	1154.6	1168.9	1191.8	1217.6
10°	1115.9	1117.4	1125.9	1124.5	1125.9	1117.4	1115.9	1113.1	1108.8	1113.1	1128.8
12.5°	1193.3	1206.2	1253.4	1250.6	1253.4	1206.2	1193.3	1136.0	1097.3	1090.1	1093.0
15°	1282.1	1286.4	1296.4	1297.8	1296.4	1286.4	1282.1	1259.2	1143.1	1093.0	1077.2
17.5°	1290.7	1292.1	1299.3	1299.3	1299.3	1292.1	1290.7	1280.7	1242.0	1174.6	1085.8
20°	1283.5	1286.4	1300.7	1303.6	1300.7	1286.4	1283.5	1270.6	1249.1	1224.8	1157.5
22.5°	1280.7	1286.4	1297.8	1296.4	1297.8	1286.4	1280.7	1260.6	1242.0	1224.8	1197.6
25°	1266.3	1266.3	1267.8	1269.2	1267.8	1266.3	1266.3	1250.6	1213.3	1209.0	1193.3
27.5°	1236.2	1239.1	1247.7	1246.3	1247.7	1239.1	1236.2	1230.5	1190.4	1186.1	1174.6
30°	1209.0	1206.2	1199.0	1193.3	1199.0	1206.2	1209.0	1200.4	1160.3	1148.9	1151.7
32.5°	1163.2	1156.0	1148.9	1144.6	1148.9	1156.0	1163.2	1160.3	1130.2	1114.5	1117.4
35°	1108.8	1110.2	1108.8	1104.5	1108.8	1110.2	1108.8	1111.6	1093.0	1078.7	1077.2
37.5°	1070.1	1072.9	1071.5	1065.8	1071.5	1072.9	1070.1	1067.2	1041.4	1037.1	1040.0
40°	1030.0	1031.4	1030.0	1025.7	1030.0	1031.4	1030.0	1024.2	988.4	989.9	999.9
42.5°	991.3	989.9	985.6	982.7	985.6	989.9	991.3	982.7	936.9	932.6	951.2
45°	946.9	948.3	939.7	935.4	939.7	948.3	946.9	941.2	893.9	882.4	895.3
47.5°	902.5	902.5	895.3	891.0	895.3	902.5	902.5	895.3	845.2	833.7	840.9
50°	855.2	853.8	843.7	842.3	843.7	853.8	855.2	850.9	797.9	787.9	787.9
52.5°	800.8	800.8	802.2	805.1	802.2	800.8	800.8	802.2	754.9	744.9	742.0
55°	753.5	754.9	765.0	767.8	765.0	754.9	753.5	753.5	710.5	700.5	694.8
57.5°	704.8	704.8	712.0	712.0	712.0	704.8	704.8	701.9	660.4	651.8	648.9
60°	648.9	651.8	657.5	656.1	657.5	651.8	648.9	646.1	610.2	604.5	594.5
62.5°	590.2	593.1	594.5	591.6	594.5	593.1	590.2	581.6	560.1	555.8	542.9
65°	528.6	531.5	532.9	530.0	532.9	531.5	528.6	524.3	508.5	501.4	489.9
67.5°	465.6	464.1	462.7	468.4	462.7	464.1	465.6	459.8	449.8	444.1	428.3
70°	401.1	401.1	399.7	402.5	399.7	401.1	401.1	396.8	391.1	386.8	372.4
72.5°	332.3	330.9	336.6	332.3	336.6	330.9	332.3	330.9	328.0	323.7	309.4
75°	265.0	267.9	265.0	269.3	265.0	267.9	265.0	266.4	265.0	262.1	252.1
77.5°	202.0	204.8	202.0	202.0	202.0	204.8	202.0	203.4	203.4	203.4	194.8
80°	143.2	141.8	141.8	140.4	141.8	141.8	143.2	143.2	144.7	141.8	139.0
82.5°	91.7	90.2	90.2	93.1	90.2	90.2	91.7	93.1	90.2	90.2	90.2
85°	50.1	51.6	48.7	48.7	48.7	51.6	50.1	47.3	50.1	50.1	48.7
87.5°	18.6	17.2	17.2	17.2	17.2	17.2	18.6	20.1	20.1	20.1	21.5
90°	28.2	28.2	28.2	28.2	28.2	28.2	28.2	37.5	50.0	56.3	48.4
92.5°	141.0	135.3	112.9	90.4	112.9	135.3	141.0	199.8	278.2	317.4	278.7
95°	478.4	461.4	393.5	325.6	393.5	461.4	478.4	628.2	828.0	927.9	783.7
97.5°	1104.4	1072.1	942.9	813.7	942.9	1072.1	1104.4	1199.1	1325.3	1388.5	1148.0
100°	1550.8	1512.3	1358.5	1204.5	1358.5	1512.3	1550.8	1543.9	1534.7	1530.1	1263.3
102.5°	1932.1	1899.1	1767.2	1635.4	1767.2	1899.1	1932.1	1811.4	1650.5	1570.1	1299.5
105°	2377.1	2359.3	2288.5	2217.6	2288.5	2359.3	2377.1	2106.6	1746.0	1565.7	1303.7
107.5°	2608.5	2612.8	2629.9	2647.1	2629.9	2612.8	2608.5	2231.3	1728.3	1476.7	1245.6
110°	2667.9	2686.3	2760.1	2834.0	2760.1	2686.3	2667.9	2246.1	1683.7	1402.5	1194.1

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2630.0	2658.3	2771.7	2885.2	2771.7	2658.3	2630.0	2198.3	1622.7	1335.0	1149.2
115°	2501.7	2541.1	2698.3	2855.4	2698.3	2541.1	2501.7	2085.9	1531.4	1254.2	1097.8
117.5°	2324.5	2368.0	2542.4	2716.8	2542.4	2368.0	2324.5	1949.2	1448.7	1198.5	1065.5
120°	2205.0	2247.4	2416.8	2586.2	2416.8	2247.4	2205.0	1862.1	1404.9	1176.3	1054.6
122.5°	2085.6	2127.4	2294.5	2461.6	2294.5	2127.4	2085.6	1776.9	1365.2	1159.3	1049.0
125°	1927.7	1966.2	2120.1	2274.0	2120.1	1966.2	1927.7	1665.3	1315.6	1140.7	1044.3
127.5°	1800.8	1833.3	1963.2	2093.1	1963.2	1833.3	1800.8	1575.7	1275.3	1125.2	1041.6
130°	1720.7	1750.7	1870.7	1990.7	1870.7	1750.7	1720.7	1520.2	1252.9	1119.2	1043.1
132.5°	1652.4	1679.3	1786.8	1894.2	1786.8	1679.3	1652.4	1473.0	1233.7	1114.0	1044.3
135°	1556.1	1579.2	1671.8	1764.5	1671.8	1579.2	1556.1	1405.8	1205.3	1105.1	1043.3
137.5°	1484.8	1503.7	1579.6	1655.4	1579.6	1503.7	1484.8	1357.7	1188.3	1103.6	1049.7
140°	1427.7	1445.5	1516.3	1587.2	1516.3	1445.5	1427.7	1318.0	1171.6	1098.4	1050.8
142.5°	1387.7	1403.0	1463.9	1524.9	1463.9	1403.0	1387.7	1291.3	1162.7	1098.4	1054.6
145°	1327.6	1339.2	1385.3	1431.4	1385.3	1339.2	1327.6	1248.8	1143.6	1091.0	1054.6
147.5°	1277.2	1286.8	1325.1	1363.3	1325.1	1286.8	1277.2	1215.1	1132.3	1091.0	1061.9
150°	1248.3	1256.0	1287.1	1318.0	1287.1	1256.0	1248.3	1195.9	1125.9	1091.0	1065.6
152.5°	1225.3	1231.1	1254.5	1277.9	1254.5	1231.1	1225.3	1180.5	1120.8	1091.0	1068.1
155°	1197.9	1201.8	1217.2	1232.7	1217.2	1201.8	1197.9	1162.2	1114.8	1091.0	1073.5
157.5°	1174.1	1176.8	1187.6	1198.5	1187.6	1176.8	1174.1	1146.4	1109.4	1091.0	1079.0
160°	1162.2	1163.8	1170.1	1176.3	1170.1	1163.8	1162.2	1138.5	1106.8	1091.0	1081.4
162.5°	1151.1	1152.6	1158.5	1164.4	1158.5	1152.6	1151.1	1131.0	1104.4	1091.0	1084.1
165°	1134.1	1135.6	1141.9	1148.1	1141.9	1135.6	1134.1	1119.7	1100.5	1091.0	1087.8
167.5°	1126.6	1127.3	1129.9	1132.5	1129.9	1127.3	1126.6	1117.3	1104.7	1098.4	1095.8
170°	1126.6	1126.6	1126.6	1126.6	1126.6	1126.6	1126.6	1117.3	1104.7	1098.4	1098.2
172.5°	1120.7	1120.1	1117.8	1115.5	1117.8	1120.1	1120.7	1113.2	1103.4	1098.4	1098.4
175°	1112.6	1112.6	1112.6	1112.6	1112.6	1112.6	1112.6	1107.9	1101.6	1098.4	1100.0
177.5°	1111.0	1110.4	1107.8	1105.1	1107.8	1110.4	1111.0	1107.3	1102.4	1099.9	1101.0
180°	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1514.2	1514.2	1514.2	1514.2	1514.2
2.5°	1495.5	1502.7	1507.0	1512.7	1527.0
5°	1438.2	1465.4	1474.0	1495.5	1521.3
7.5°	1312.2	1395.3	1418.2	1469.7	1509.9
10°	1190.4	1273.5	1313.6	1435.4	1495.5
12.5°	1128.8	1177.5	1204.7	1375.2	1475.5
15°	1090.1	1124.5	1144.6	1295.0	1452.6
17.5°	1060.0	1084.4	1098.7	1216.2	1421.0
20°	1041.4	1052.9	1065.8	1158.9	1385.2
22.5°	1028.5	1021.4	1031.4	1118.8	1336.5
25°	1019.9	992.7	1004.2	1087.3	1279.2
27.5°	1027.1	966.9	971.2	1058.6	1219.1
30°	1028.5	935.4	936.9	1028.5	1151.7
32.5°	1018.5	902.5	903.9	991.3	1075.8
35°	994.2	863.8	862.4	948.3	972.7
37.5°	961.2	822.3	822.3	901.0	859.5
40°	921.1	780.7	785.0	839.4	759.2
42.5°	872.4	736.3	742.0	757.8	684.7
45°	819.4	693.3	697.6	640.3	627.4
47.5°	760.7	648.9	650.4	531.5	608.8
50°	690.5	603.1	597.4	455.5	607.4
52.5°	628.9	552.9	535.8	412.6	551.5
55°	568.7	499.9	462.7	379.6	511.4
57.5°	515.7	431.2	395.4	340.9	502.8
60°	467.0	363.9	336.6	299.4	461.3
62.5°	426.9	313.7	308.0	270.7	418.3
65°	383.9	279.3	277.9	246.4	355.3
67.5°	342.4	256.4	255.0	223.5	270.7
70°	298.0	232.1	229.2	199.1	200.5
72.5°	252.1	204.8	202.0	179.1	166.2
75°	206.3	173.3	171.9	156.1	134.7
77.5°	161.9	137.5	140.4	126.1	98.8
80°	116.0	100.3	103.1	90.2	74.5
82.5°	77.4	65.9	68.8	57.3	50.1
85°	43.0	37.2	38.7	30.1	22.9
87.5°	20.1	17.2	17.2	11.5	7.2
90°	32.6	20.7	19.3	13.4	7.4
92.5°	201.2	143.2	130.5	80.1	29.7
95°	495.2	278.9	255.7	163.5	71.2
97.5°	667.0	306.3	285.9	204.5	123.1
100°	729.5	329.3	310.9	237.0	163.2
102.5°	758.3	352.3	335.1	266.2	197.3
105°	779.5	386.4	371.8	313.5	255.2
107.5°	783.5	436.8	423.3	368.8	314.5
110°	777.5	465.0	452.7	403.6	354.5



TEST NUMBER: P935590

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	777.8	499.2	487.4	440.6	393.8
115°	785.0	550.4	539.6	496.3	453.1
117.5°	799.5	600.0	590.2	551.0	511.8
120°	811.4	629.0	619.7	582.8	545.9
122.5°	828.5	663.1	653.8	616.5	579.3
125°	851.5	706.8	698.3	664.4	630.4
127.5°	874.5	749.1	740.5	706.2	671.9
130°	891.2	777.3	768.0	731.1	694.2
132.5°	904.9	800.3	791.0	754.2	717.2
135°	919.7	826.9	818.5	784.9	751.3
137.5°	941.9	861.1	852.8	819.5	786.2
140°	955.5	884.0	876.4	845.7	815.1
142.5°	966.9	901.1	894.1	865.7	837.3
145°	981.7	927.1	920.9	896.2	871.4
147.5°	1003.5	959.8	953.8	929.7	905.6
150°	1014.9	976.8	971.3	949.7	927.9
152.5°	1022.3	987.9	983.8	967.3	950.8
155°	1038.6	1012.4	1009.3	997.2	985.0
157.5°	1054.9	1036.8	1033.9	1022.0	1010.2
160°	1062.3	1048.0	1045.7	1036.5	1027.2
162.5°	1070.3	1059.9	1058.1	1051.2	1044.3
165°	1081.6	1077.0	1075.4	1069.1	1062.8
167.5°	1090.5	1086.6	1085.8	1082.9	1079.9
170°	1098.0	1097.7	1096.9	1094.0	1091.0
172.5°	1098.4	1098.4	1098.2	1097.6	1096.9
175°	1102.9	1105.1	1105.1	1105.1	1105.1
177.5°	1103.4	1105.1	1105.1	1105.1	1105.1
180°	1105.1	1105.1	1105.1	1105.1	1105.1

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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	11.05	11.80	12.13	12.87	14.34	13.88	14.62	14.95	15.70	17.16
	3H	11.52	12.19	12.60	13.27	14.75	15.21	15.88	16.29	16.96	18.44
	4H	11.71	12.34	12.80	13.42	14.91	15.65	16.28	16.74	17.37	18.86
	6H	11.82	12.40	12.92	13.49	14.99	15.93	16.51	17.03	17.60	19.10
	8H	11.82	12.37	12.92	13.47	14.97	16.00	16.55	17.10	17.65	19.15
	12H	11.78	12.31	12.90	13.41	14.93	16.03	16.56	17.14	17.65	19.17
4H	2H	12.07	12.70	13.17	13.79	15.28	14.27	14.90	15.37	15.99	17.48
	3H	13.09	13.61	14.19	14.72	16.23	15.77	16.29	16.87	17.40	18.91
	4H	13.36	13.84	14.47	14.94	16.46	16.29	16.77	17.40	17.87	19.39
	6H	13.48	13.89	14.59	15.01	16.53	16.64	17.06	17.76	18.18	19.70
	8H	13.48	13.87	14.60	14.98	16.51	16.75	17.13	17.87	18.25	19.78
	12H	13.44	13.79	14.58	14.92	16.46	16.80	17.15	17.93	18.28	19.81
8H	4H	13.80	14.19	14.92	15.30	16.83	16.40	16.79	17.52	17.91	19.44
	6H	14.06	14.38	15.20	15.53	17.06	16.83	17.15	17.97	18.31	19.84
	8H	14.10	14.38	15.24	15.52	17.06	16.98	17.26	18.13	18.40	19.95
	12H	14.08	14.32	15.23	15.46	17.04	17.07	17.32	18.22	18.46	20.04
12H	4H	13.80	14.15	14.94	15.28	16.82	16.36	16.71	17.50	17.84	19.38
	6H	14.12	14.40	15.26	15.53	17.08	16.83	17.11	17.98	18.25	19.80
	8H	14.18	14.42	15.33	15.56	17.14	16.98	17.23	18.13	18.36	19.95

END OF REPORT