

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: P935492

Luminaire Tested: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-8-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935492
REPORT IS A COMBINATION OF REPORTS P933756 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-8-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

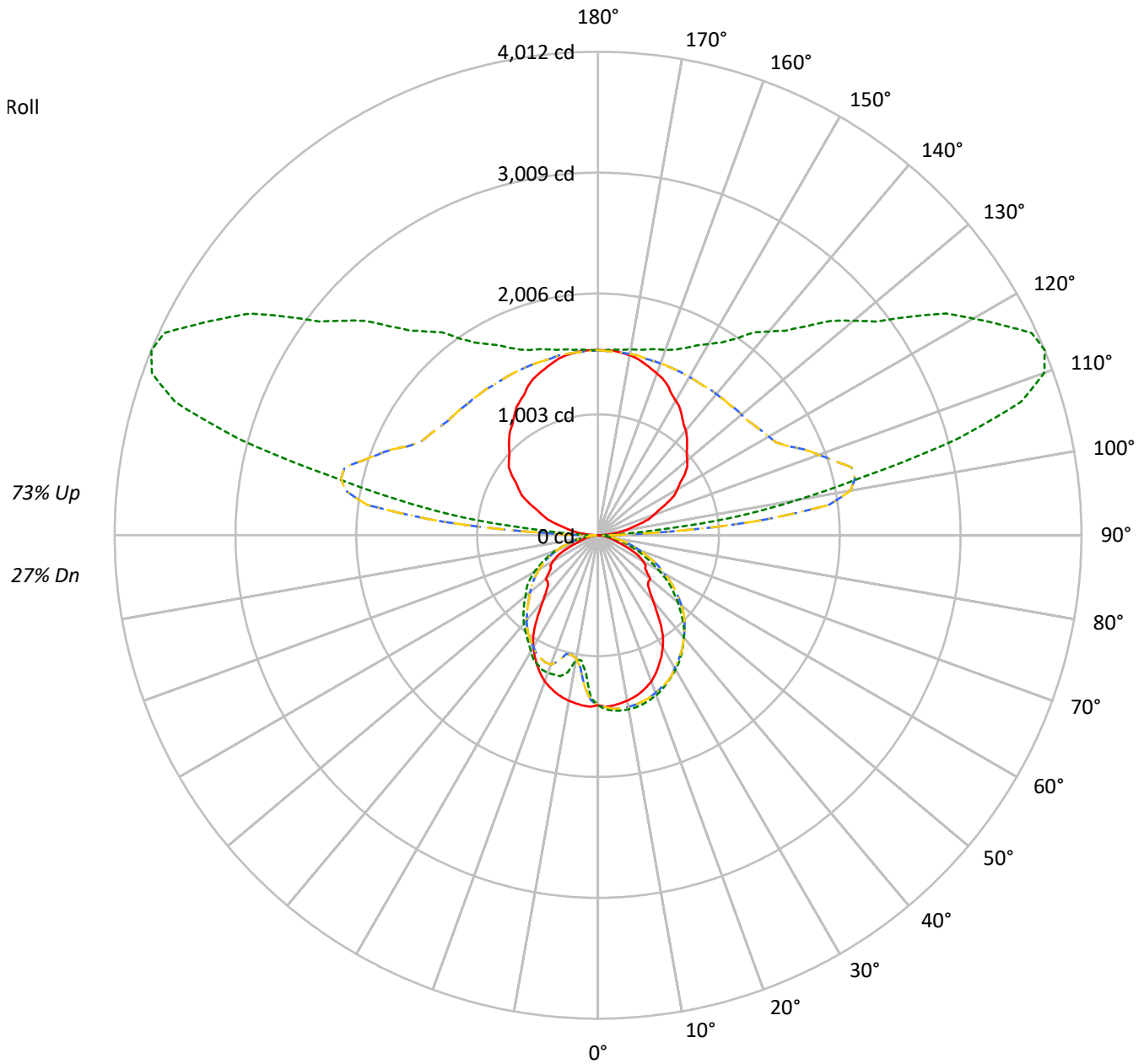
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13629.3 lumens
Efficiency: N/A
Efficacy: 143.2 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 95.2
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

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CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-8-2700K

Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20									20									20									20										
RC	80									70									50									30									10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0														
RCR																																						
0	102	102	102	102	91	91	91	91	71	71	71	52	52	52	35	35	35	27						27														
1	93	88	85	81	83	79	76	73	62	60	58	46	44	43	31	30	29	23						23														
2	84	77	71	66	75	69	64	60	54	51	48	40	38	36	27	26	25	19						19														
3	77	68	61	55	68	61	55	50	48	43	40	35	33	30	24	22	21	16						16														
4	70	60	52	47	62	54	47	42	42	38	34	31	28	26	21	20	18	14						14														
5	64	53	45	40	57	48	41	36	38	33	29	28	25	22	19	17	16	12						12														
6	59	48	40	34	53	43	36	31	34	29	25	25	22	19	17	15	14	10						10														
7	55	43	35	30	49	38	32	27	30	26	22	23	20	17	16	14	12	9						9														
8	50	39	31	26	45	35	28	24	28	23	19	21	18	15	15	12	11	8						8														
9	47	35	28	23	42	32	25	21	25	21	17	19	16	14	13	11	10	7						7														
10	44	32	25	20	39	29	23	19	23	19	15	18	14	12	12	10	9	7						7														

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	6552	6552	6552	6552
5°	6601	6613	6601	5200
10°	6556	6515	6556	4657
15°	6485	6373	6485	5322
20°	6349	6206	6349	5333
25°	6072	5962	6072	5220
30°	5713	5760	5713	4972
35°	5093	5504	5093	4699
40°	4244	5202	4244	4494
45°	3792	4849	3792	4256
50°	4028	4429	4028	4018
55°	3790	3975	3790	3881
60°	3907	3376	3907	3554
65°	3542	2791	3542	3120
70°	2452	2224	2452	2615
75°	2151	1645	2151	1969
80°	1732	1087	1732	1183
85°	997	576	997	489

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5812 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.5	0.9
10°-20°	361.9	2.7
20°-30°	559.4	4.1
30°-40°	667.9	4.9
40°-50°	671.8	4.9
50°-60°	584.5	4.3
60°-70°	414.4	3.0
70°-80°	219.3	1.6
80°-90°	60.5	0.4
90°-100°	749.1	5.5
100°-110°	1969.4	14.4
110°-120°	2042.0	15.0
120°-130°	1638.0	12.0
130°-140°	1285.2	9.4
140°-150°	986.5	7.2
150°-160°	710.4	5.2
160°-170°	434.7	3.2
170°-180°	146.9	1.1
0°-30°	1048.8	7.7
0°-40°	1716.7	12.6
0°-60°	2973.0	21.8
0°-90°	3667.2	26.9
90°-120°	4760.5	34.9
90°-150°	8670.2	63.6
90°-180°	9962.0	73.1
0°-180°	13629.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1412	1412	1412	1412	1412	
5°	1419	1463	1419	1150	1419	135
15°	1355	1450	1355	1210	1355	381
25°	1193	1352	1193	1184	1193	548
35°	907	1206	907	1030	907	561
45°	585	994	585	872	585	469
55°	477	734	477	716	477	438
65°	331	442	331	494	331	317
75°	126	210	126	251	126	132
85°	21	54	21	45	21	29
90°	10	39	10	39	10	9
95°	99	453	99	453	99	110
105°	355	3084	355	3084	355	376
115°	630	3971	630	3971	630	622
125°	877	3162	877	3162	877	778
135°	1045	2454	1045	2454	1045	808
145°	1212	1990	1212	1990	1212	759
155°	1370	1714	1370	1714	1370	629
165°	1478	1597	1478	1597	1478	417
175°	1537	1547	1537	1547	1537	146
180°	1537	1537	1537	1537	1537	



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CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1412.1	1412.1	1412.1	1412.1	1412.1	1412.1	1412.1	1412.1	1412.1	1412.1	1412.1
2.5°	1424.1	1424.1	1432.1	1434.8	1434.8	1430.8	1426.8	1430.8	1442.8	1446.8	1445.5
5°	1418.8	1429.5	1444.2	1446.8	1449.5	1448.2	1445.5	1448.2	1461.5	1464.2	1465.5
7.5°	1408.0	1428.2	1446.8	1450.9	1454.9	1450.9	1449.5	1452.2	1465.5	1468.2	1468.2
10°	1394.7	1422.8	1444.2	1446.8	1450.9	1446.8	1446.8	1452.2	1465.5	1468.2	1469.5
12.5°	1376.0	1414.7	1434.8	1437.4	1442.8	1441.5	1440.1	1445.5	1458.8	1461.5	1461.5
15°	1354.7	1400.1	1418.8	1421.4	1430.8	1428.2	1428.2	1433.4	1448.2	1452.2	1450.9
17.5°	1325.3	1381.4	1402.8	1406.8	1413.4	1412.1	1413.4	1418.8	1432.1	1434.8	1436.1
20°	1291.8	1356.0	1381.4	1385.3	1392.0	1392.0	1392.0	1398.7	1412.1	1417.4	1417.4
22.5°	1246.4	1329.3	1356.0	1358.6	1366.7	1366.7	1369.3	1378.7	1390.7	1392.0	1392.0
25°	1193.0	1299.9	1322.6	1330.6	1338.6	1342.6	1346.6	1352.0	1356.0	1354.7	1356.0
27.5°	1136.9	1262.4	1291.8	1297.2	1307.8	1311.9	1317.2	1318.6	1319.9	1323.9	1321.3
30°	1074.1	1210.3	1254.5	1259.8	1277.2	1279.9	1274.5	1277.2	1283.8	1286.5	1289.2
32.5°	1003.3	1132.9	1215.7	1227.8	1243.8	1235.7	1234.4	1238.4	1249.1	1249.1	1251.8
35°	907.1	1072.8	1179.7	1190.3	1202.4	1193.0	1198.4	1199.7	1206.4	1210.3	1209.0
37.5°	801.6	1020.7	1142.2	1150.3	1159.6	1147.6	1155.6	1159.6	1164.9	1162.2	1162.2
40°	708.1	939.1	1098.2	1103.5	1111.5	1102.2	1110.1	1112.8	1115.5	1112.8	1111.5
42.5°	638.5	849.7	1051.4	1058.1	1052.7	1059.4	1062.0	1067.4	1063.4	1058.1	1058.1
45°	585.2	825.6	1000.6	1008.6	1000.6	1011.3	1015.3	1015.3	1003.3	1000.6	999.3
47.5°	567.8	777.5	949.9	949.9	945.8	959.2	965.9	956.6	944.5	940.5	940.5
50°	566.4	724.1	880.4	875.1	893.7	909.7	903.1	893.7	884.3	869.7	869.7
52.5°	514.3	658.7	790.9	810.9	840.3	849.7	838.9	829.7	813.6	806.9	801.6
55°	476.9	590.5	709.4	749.5	780.2	792.2	772.2	762.8	738.7	734.7	732.1
57.5°	468.9	491.6	634.6	685.3	722.7	721.4	709.4	692.0	672.0	668.0	666.6
60°	430.2	355.4	554.4	614.5	653.3	649.3	638.5	622.5	603.9	601.2	598.5
62.5°	390.1	257.9	463.5	531.7	586.4	585.2	575.8	551.8	538.3	531.7	526.4
65°	331.3	216.4	330.0	442.2	521.0	523.7	503.7	486.2	471.6	463.5	462.2
67.5°	252.5	176.4	223.1	368.7	458.3	455.6	430.2	422.2	403.5	399.5	391.4
70°	187.0	117.5	155.0	299.3	396.8	390.1	370.0	360.8	343.3	334.0	328.7
72.5°	155.0	94.8	113.5	232.5	334.0	326.0	308.6	297.9	283.3	275.2	269.8
75°	125.6	100.2	86.9	172.3	271.2	265.8	249.8	239.1	227.1	216.4	217.7
77.5°	92.2	93.5	69.4	126.9	215.1	207.1	197.7	184.4	179.0	168.3	168.3
80°	69.4	73.5	52.1	86.9	155.0	155.0	146.9	137.6	128.3	122.9	122.9
82.5°	46.7	46.7	38.7	54.8	105.6	101.5	96.2	93.5	88.1	85.5	85.5
85°	21.4	26.7	24.0	33.4	57.5	60.2	60.2	57.5	56.1	53.5	54.8
87.5°	6.7	12.1	14.7	18.7	29.4	30.8	32.1	32.1	32.1	33.4	33.4
90°	10.4	18.6	26.8	28.9	45.4	67.4	78.4	69.6	52.2	39.1	39.1
92.5°	41.2	111.4	181.6	199.1	279.9	387.5	441.4	386.8	277.8	195.9	188.1
95°	99.0	227.4	355.8	387.8	688.6	1089.7	1290.2	1151.4	873.6	665.2	641.6
97.5°	171.2	284.5	397.7	426.0	927.6	1596.4	1930.7	1843.0	1667.4	1535.7	1490.8
100°	226.9	329.6	432.3	458.0	1014.5	1756.6	2127.8	2134.1	2147.0	2156.6	2103.2
102.5°	274.3	370.1	465.9	489.9	1054.5	1807.1	2183.4	2295.3	2519.0	2686.7	2640.9
105°	354.8	435.9	517.0	537.3	1083.9	1812.8	2177.3	2427.9	2929.4	3305.5	3280.9
107.5°	437.3	512.9	588.5	607.5	1089.4	1732.1	2053.5	2403.2	3102.7	3627.3	3633.3
110°	493.0	561.3	629.7	646.7	1081.3	1660.6	1950.4	2341.4	3123.4	3709.8	3735.5



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	547.7	612.7	677.9	694.1	1081.6	1598.2	1856.4	2256.6	3056.9	3657.2	3696.7
115°	630.2	690.2	750.2	765.2	1091.5	1526.6	1744.1	2129.5	2900.6	3478.8	3533.5
117.5°	711.6	766.2	820.7	834.3	1111.8	1481.7	1666.7	2014.6	2710.4	3232.3	3293.0
120°	759.1	810.4	861.7	874.6	1128.3	1466.6	1635.7	1953.7	2589.4	3066.3	3125.1
122.5°	805.5	857.3	909.0	922.0	1152.0	1458.6	1612.0	1898.3	2470.9	2900.3	2958.3
125°	876.7	923.9	971.1	982.9	1183.9	1452.2	1586.2	1829.5	2315.8	2680.5	2734.0
127.5°	934.4	982.2	1029.8	1041.7	1216.0	1448.4	1564.6	1773.4	2191.0	2504.1	2549.3
130°	965.3	1016.7	1068.0	1080.9	1239.3	1450.7	1556.3	1742.2	2114.0	2392.8	2434.5
132.5°	997.3	1048.7	1100.0	1112.8	1258.2	1452.2	1549.1	1715.5	2048.3	2297.9	2335.2
135°	1044.8	1091.5	1138.3	1150.0	1278.9	1450.8	1536.7	1676.1	1954.7	2163.8	2196.0
137.5°	1093.2	1139.5	1185.8	1197.4	1309.8	1459.7	1534.6	1652.5	1888.1	2064.8	2091.2
140°	1133.4	1176.1	1218.7	1229.4	1328.8	1461.2	1527.5	1629.3	1832.7	1985.4	2010.0
142.5°	1164.4	1203.9	1243.2	1253.1	1344.5	1466.5	1527.5	1616.8	1795.6	1929.7	1950.9
145°	1211.8	1246.2	1280.7	1289.2	1365.2	1466.5	1517.1	1590.2	1736.5	1846.2	1862.2
147.5°	1259.3	1292.8	1326.3	1334.6	1395.5	1476.6	1517.1	1574.7	1689.7	1776.1	1789.3
150°	1290.2	1320.5	1350.8	1358.3	1411.2	1481.8	1517.1	1565.7	1662.9	1735.8	1746.6
152.5°	1322.2	1345.1	1368.0	1373.8	1421.6	1485.2	1517.1	1558.6	1641.6	1703.9	1712.0
155°	1369.7	1386.6	1403.6	1407.8	1444.3	1492.8	1517.1	1550.2	1616.2	1665.7	1671.1
157.5°	1404.8	1421.2	1437.7	1441.8	1466.9	1500.4	1517.1	1542.8	1594.1	1632.6	1636.4
160°	1428.5	1441.3	1454.2	1457.3	1477.3	1503.9	1517.1	1539.1	1583.1	1616.1	1618.3
162.5°	1452.2	1461.7	1471.4	1473.8	1488.2	1507.4	1517.1	1535.6	1572.8	1600.7	1602.8
165°	1478.0	1486.7	1495.4	1497.6	1504.1	1512.7	1517.1	1530.5	1557.0	1577.0	1579.2
167.5°	1501.7	1505.8	1509.9	1510.9	1516.4	1523.8	1527.5	1536.1	1553.6	1566.6	1567.5
170°	1517.1	1521.3	1525.5	1526.5	1526.8	1527.3	1527.5	1536.1	1553.6	1566.6	1566.6
172.5°	1525.4	1526.3	1527.3	1527.5	1527.5	1527.5	1527.5	1534.3	1548.1	1558.4	1557.6
175°	1536.7	1536.7	1536.7	1536.7	1533.6	1529.6	1527.5	1531.8	1540.5	1547.1	1547.1
177.5°	1536.7	1536.7	1536.7	1536.7	1534.3	1531.2	1529.6	1532.9	1539.8	1545.0	1544.1
180°	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7



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CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1412.1	1412.1	1412.1	1412.1	1412.1	1412.1	1412.1	1412.1	1412.1	1412.1	1412.1
2.5°	1448.2	1444.2	1448.2	1445.5	1446.8	1442.8	1430.8	1426.8	1430.8	1434.8	1434.8
5°	1465.5	1462.8	1465.5	1465.5	1464.2	1461.5	1448.2	1445.5	1448.2	1449.5	1446.8
7.5°	1470.9	1466.9	1470.9	1468.2	1468.2	1465.5	1452.2	1449.5	1450.9	1454.9	1450.9
10°	1470.9	1466.9	1470.9	1469.5	1468.2	1465.5	1452.2	1446.8	1446.8	1450.9	1446.8
12.5°	1464.2	1461.5	1464.2	1461.5	1461.5	1458.8	1445.5	1440.1	1441.5	1442.8	1437.4
15°	1453.5	1449.5	1453.5	1450.9	1452.2	1448.2	1433.4	1428.2	1428.2	1430.8	1421.4
17.5°	1437.4	1432.1	1437.4	1436.1	1434.8	1432.1	1418.8	1413.4	1412.1	1413.4	1406.8
20°	1418.8	1414.7	1418.8	1417.4	1417.4	1412.1	1398.7	1392.0	1392.0	1392.0	1385.3
22.5°	1389.4	1385.3	1389.4	1392.0	1392.0	1390.7	1378.7	1369.3	1366.7	1366.7	1358.6
25°	1356.0	1352.0	1356.0	1356.0	1354.7	1356.0	1352.0	1346.6	1342.6	1338.6	1330.6
27.5°	1323.9	1321.3	1323.9	1321.3	1323.9	1319.9	1318.6	1317.2	1311.9	1307.8	1297.2
30°	1291.8	1289.2	1291.8	1289.2	1286.5	1283.8	1277.2	1274.5	1279.9	1277.2	1259.8
32.5°	1251.8	1249.1	1251.8	1251.8	1249.1	1249.1	1238.4	1234.4	1235.7	1243.8	1227.8
35°	1210.3	1206.4	1210.3	1209.0	1210.3	1206.4	1199.7	1198.4	1193.0	1202.4	1190.3
37.5°	1162.2	1158.2	1162.2	1162.2	1162.2	1164.9	1159.6	1155.6	1147.6	1159.6	1150.3
40°	1112.8	1107.5	1112.8	1111.5	1112.8	1115.5	1112.8	1110.1	1102.2	1111.5	1103.5
42.5°	1056.8	1055.4	1056.8	1058.1	1058.1	1063.4	1067.4	1062.0	1059.4	1052.7	1058.1
45°	996.6	993.9	996.6	999.3	1000.6	1003.3	1015.3	1015.3	1011.3	1000.6	1008.6
47.5°	932.5	925.8	932.5	940.5	940.5	944.5	956.6	965.9	959.2	945.8	949.9
50°	864.3	865.7	864.3	869.7	869.7	884.3	893.7	903.1	909.7	893.7	875.1
52.5°	797.6	796.2	797.6	801.6	806.9	813.6	829.7	838.9	849.7	840.3	810.9
55°	730.8	733.5	730.8	732.1	734.7	738.7	762.8	772.2	792.2	780.2	749.5
57.5°	663.9	659.9	663.9	666.6	668.0	672.0	692.0	709.4	721.4	722.7	685.3
60°	586.4	581.2	586.4	598.5	601.2	603.9	622.5	638.5	649.3	653.3	614.5
62.5°	518.3	509.0	518.3	526.4	531.7	538.3	551.8	575.8	585.2	586.4	531.7
65°	446.2	442.2	446.2	462.2	463.5	471.6	486.2	503.7	523.7	521.0	442.2
67.5°	380.8	380.8	380.8	391.4	399.5	403.5	422.2	430.2	455.6	458.3	368.7
70°	320.6	319.3	320.6	328.7	334.0	343.3	360.8	370.0	390.1	396.8	299.3
72.5°	263.1	261.8	263.1	269.8	275.2	283.3	297.9	308.6	326.0	334.0	232.5
75°	212.4	209.8	212.4	217.7	216.4	227.1	239.1	249.8	265.8	271.2	172.3
77.5°	162.9	162.9	162.9	168.3	168.3	179.0	184.4	197.7	207.1	215.1	126.9
80°	121.6	120.2	121.6	122.9	122.9	128.3	137.6	146.9	155.0	155.0	86.9
82.5°	85.5	82.9	85.5	85.5	85.5	88.1	93.5	96.2	101.5	105.6	54.8
85°	53.5	53.5	53.5	54.8	53.5	56.1	57.5	60.2	60.2	57.5	33.4
87.5°	34.8	33.4	34.8	33.4	33.4	32.1	32.1	32.1	30.8	29.4	18.7
90°	39.1	39.1	39.1	39.1	39.1	52.2	69.6	78.4	67.4	45.4	28.9
92.5°	157.0	125.8	157.0	188.1	195.9	277.8	386.8	441.4	387.5	279.9	199.1
95°	547.2	452.8	547.2	641.6	665.2	873.6	1151.4	1290.2	1089.7	688.6	387.8
97.5°	1311.1	1131.5	1311.1	1490.8	1535.7	1667.4	1843.0	1930.7	1596.4	927.6	426.0
100°	1889.0	1675.0	1889.0	2103.2	2156.6	2147.0	2134.1	2127.8	1756.6	1014.5	458.0
102.5°	2457.5	2274.2	2457.5	2640.9	2686.7	2519.0	2295.3	2183.4	1807.1	1054.5	489.9
105°	3182.3	3083.8	3182.3	3280.9	3305.5	2929.4	2427.9	2177.3	1812.8	1083.9	537.3
107.5°	3657.1	3680.9	3657.1	3633.3	3627.3	3102.7	2403.2	2053.5	1732.1	1089.4	607.5
110°	3838.2	3940.9	3838.2	3735.5	3709.8	3123.4	2341.4	1950.4	1660.6	1081.3	646.7



TEST NUMBER: P935492

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3854.3	4012.0	3854.3	3696.7	3657.2	3056.9	2256.6	1856.4	1598.2	1081.6	694.1
115°	3752.1	3970.8	3752.1	3533.5	3478.8	2900.6	2129.5	1744.1	1526.6	1091.5	765.2
117.5°	3535.4	3777.9	3535.4	3293.0	3232.3	2710.4	2014.6	1666.7	1481.7	1111.8	834.3
120°	3360.8	3596.4	3360.8	3125.1	3066.3	2589.4	1953.7	1635.7	1466.6	1128.3	874.6
122.5°	3190.8	3423.2	3190.8	2958.3	2900.3	2470.9	1898.3	1612.0	1458.6	1152.0	922.0
125°	2948.2	3162.2	2948.2	2734.0	2680.5	2315.8	1829.5	1586.2	1452.2	1183.9	982.9
127.5°	2729.9	2910.5	2729.9	2549.3	2504.1	2191.0	1773.4	1564.6	1448.4	1216.0	1041.7
130°	2601.4	2768.2	2601.4	2434.5	2392.8	2114.0	1742.2	1556.3	1450.7	1239.3	1080.9
132.5°	2484.7	2634.1	2484.7	2335.2	2297.9	2048.3	1715.5	1549.1	1452.2	1258.2	1112.8
135°	2324.9	2453.6	2324.9	2196.0	2163.8	1954.7	1676.1	1536.7	1450.8	1278.9	1150.0
137.5°	2196.6	2302.1	2196.6	2091.2	2064.8	1888.1	1652.5	1534.6	1459.7	1309.8	1197.4
140°	2108.6	2207.1	2108.6	2010.0	1985.4	1832.7	1629.3	1527.5	1461.2	1328.8	1229.4
142.5°	2035.6	2120.5	2035.6	1950.9	1929.7	1795.6	1616.8	1527.5	1466.5	1344.5	1253.1
145°	1926.4	1990.5	1926.4	1862.2	1846.2	1736.5	1590.2	1517.1	1466.5	1365.2	1289.2
147.5°	1842.5	1895.7	1842.5	1789.3	1776.1	1689.7	1574.7	1517.1	1476.6	1395.5	1334.6
150°	1789.7	1832.7	1789.7	1746.6	1735.8	1662.9	1565.7	1517.1	1481.8	1411.2	1358.3
152.5°	1744.5	1777.1	1744.5	1712.0	1703.9	1641.6	1558.6	1517.1	1485.2	1421.6	1373.8
155°	1692.6	1714.1	1692.6	1671.1	1665.7	1616.2	1550.2	1517.1	1492.8	1444.3	1407.8
157.5°	1651.6	1666.7	1651.6	1636.4	1632.6	1594.1	1542.8	1517.1	1500.4	1466.9	1441.8
160°	1627.0	1635.7	1627.0	1618.3	1616.1	1583.1	1539.1	1517.1	1503.9	1477.3	1457.3
162.5°	1611.0	1619.3	1611.0	1602.8	1600.7	1572.8	1535.6	1517.1	1507.4	1488.2	1473.8
165°	1587.8	1596.6	1587.8	1579.2	1577.0	1557.0	1530.5	1517.1	1512.7	1504.1	1497.6
167.5°	1571.2	1574.9	1571.2	1567.5	1566.6	1553.6	1536.1	1527.5	1523.8	1516.4	1510.9
170°	1566.6	1566.6	1566.6	1566.6	1566.6	1553.6	1536.1	1527.5	1527.3	1526.8	1526.5
172.5°	1554.4	1551.2	1554.4	1557.6	1558.4	1548.1	1534.3	1527.5	1527.5	1527.5	1527.5
175°	1547.1	1547.1	1547.1	1547.1	1547.1	1540.5	1531.8	1527.5	1529.6	1533.6	1536.7
177.5°	1540.4	1536.7	1540.4	1544.1	1545.0	1539.8	1532.9	1529.6	1531.2	1534.3	1536.7
180°	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7



TEST NUMBER: P935492

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1412.1	1412.1	1412.1	1412.1	1412.1	1412.1	1412.1	1412.1	1412.1	1412.1	1412.1
2.5°	1432.1	1424.1	1424.1	1410.7	1405.5	1401.4	1394.7	1374.7	1369.3	1364.0	1372.0
5°	1444.2	1429.5	1418.8	1394.7	1374.7	1366.7	1341.3	1293.2	1261.1	1237.0	1223.7
7.5°	1446.8	1428.2	1408.0	1370.7	1322.6	1301.2	1223.7	1135.5	1111.5	1090.1	1076.8
10°	1444.2	1422.8	1394.7	1338.6	1225.1	1187.6	1110.1	1052.7	1038.0	1034.0	1038.0
12.5°	1434.8	1414.7	1376.0	1282.5	1123.5	1098.2	1052.7	1019.3	1016.6	1023.3	1059.4
15°	1418.8	1400.1	1354.7	1207.6	1067.4	1048.7	1016.6	1004.7	1019.3	1066.1	1174.3
17.5°	1402.8	1381.4	1325.3	1134.2	1024.7	1011.3	988.6	1012.6	1095.5	1158.2	1194.3
20°	1381.4	1356.0	1291.8	1080.8	993.9	982.0	971.2	1079.5	1142.2	1164.9	1184.9
22.5°	1356.0	1329.3	1246.4	1043.4	961.8	952.6	959.2	1116.8	1142.2	1158.2	1175.6
25°	1322.6	1299.9	1193.0	1014.0	936.5	925.8	951.2	1112.8	1127.6	1131.6	1166.3
27.5°	1291.8	1262.4	1136.9	987.2	905.8	901.8	957.9	1095.5	1106.2	1110.1	1147.6
30°	1254.5	1210.3	1074.1	959.2	873.7	872.4	959.2	1074.1	1071.4	1082.2	1119.5
32.5°	1215.7	1132.9	1003.3	924.5	843.0	841.6	949.9	1042.0	1039.3	1054.1	1082.2
35°	1179.7	1072.8	907.1	884.3	804.3	805.6	927.2	1004.7	1006.0	1019.3	1036.7
37.5°	1142.2	1020.7	801.6	840.3	766.8	766.8	896.4	969.9	967.2	971.2	995.3
40°	1098.2	939.1	708.1	782.9	732.1	728.1	859.0	932.5	923.1	921.8	955.2
42.5°	1051.4	849.7	638.5	706.8	692.0	686.6	813.6	887.0	869.7	873.7	916.4
45°	1000.6	825.6	585.2	597.2	650.6	646.6	764.1	834.9	822.9	833.7	877.7
47.5°	949.9	777.5	567.8	495.6	606.6	605.2	709.4	784.2	777.5	788.2	834.9
50°	880.4	724.1	566.4	424.8	557.1	562.4	643.9	734.7	734.7	744.1	793.5
52.5°	790.9	658.7	514.3	384.8	499.6	515.6	586.4	692.0	694.7	704.1	748.1
55°	709.4	590.5	476.9	354.0	431.5	466.2	530.4	647.9	653.3	662.6	702.7
57.5°	634.6	491.6	468.9	317.9	368.7	402.1	481.0	605.2	607.9	615.8	654.6
60°	554.4	355.4	430.2	279.2	313.9	339.3	435.6	554.4	563.7	569.1	602.5
62.5°	463.5	257.9	390.1	252.5	287.2	292.5	398.1	506.4	518.3	522.4	542.4
65°	330.0	216.4	331.3	229.8	259.2	260.6	358.1	456.9	467.6	474.3	488.9
67.5°	223.1	176.4	252.5	208.4	237.8	239.1	319.3	399.5	414.1	419.5	428.9
70°	155.0	117.5	187.0	185.7	213.7	216.4	277.9	347.3	360.8	364.7	370.0
72.5°	113.5	94.8	155.0	167.0	188.3	191.0	235.2	288.5	301.9	306.0	308.6
75°	86.9	100.2	125.6	145.6	160.4	161.7	192.3	235.2	244.5	247.1	248.5
77.5°	69.4	93.5	92.2	117.5	130.9	128.3	151.0	181.7	189.7	189.7	189.7
80°	52.1	73.5	69.4	84.2	96.2	93.5	108.2	129.6	132.3	135.0	133.6
82.5°	38.7	46.7	46.7	53.5	64.1	61.5	72.1	84.2	84.2	84.2	86.9
85°	24.0	26.7	21.4	28.1	36.1	34.8	40.0	45.4	46.7	46.7	44.1
87.5°	14.7	12.1	6.7	10.7	16.0	16.0	18.7	20.0	18.7	18.7	18.7
90°	26.8	18.6	10.4	18.6	26.8	28.9	45.4	67.4	78.4	69.6	52.2
92.5°	181.6	111.4	41.2	111.4	181.6	199.1	279.9	387.5	441.4	386.8	277.8
95°	355.8	227.4	99.0	227.4	355.8	387.8	688.6	1089.7	1290.2	1151.4	873.6
97.5°	397.7	284.5	171.2	284.5	397.7	426.0	927.6	1596.4	1930.7	1843.0	1667.4
100°	432.3	329.6	226.9	329.6	432.3	458.0	1014.5	1756.6	2127.8	2134.1	2147.0
102.5°	465.9	370.1	274.3	370.1	465.9	489.9	1054.5	1807.1	2183.4	2295.3	2519.0
105°	517.0	435.9	354.8	435.9	517.0	537.3	1083.9	1812.8	2177.3	2427.9	2929.4
107.5°	588.5	512.9	437.3	512.9	588.5	607.5	1089.4	1732.1	2053.5	2403.2	3102.7
110°	629.7	561.3	493.0	561.3	629.7	646.7	1081.3	1660.6	1950.4	2341.4	3123.4



TEST NUMBER: P935492

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	677.9	612.7	547.7	612.7	677.9	694.1	1081.6	1598.2	1856.4	2256.6	3056.9
115°	750.2	690.2	630.2	690.2	750.2	765.2	1091.5	1526.6	1744.1	2129.5	2900.6
117.5°	820.7	766.2	711.6	766.2	820.7	834.3	1111.8	1481.7	1666.7	2014.6	2710.4
120°	861.7	810.4	759.1	810.4	861.7	874.6	1128.3	1466.6	1635.7	1953.7	2589.4
122.5°	909.0	857.3	805.5	857.3	909.0	922.0	1152.0	1458.6	1612.0	1898.3	2470.9
125°	971.1	923.9	876.7	923.9	971.1	982.9	1183.9	1452.2	1586.2	1829.5	2315.8
127.5°	1029.8	982.2	934.4	982.2	1029.8	1041.7	1216.0	1448.4	1564.6	1773.4	2191.0
130°	1068.0	1016.7	965.3	1016.7	1068.0	1080.9	1239.3	1450.7	1556.3	1742.2	2114.0
132.5°	1100.0	1048.7	997.3	1048.7	1100.0	1112.8	1258.2	1452.2	1549.1	1715.5	2048.3
135°	1138.3	1091.5	1044.8	1091.5	1138.3	1150.0	1278.9	1450.8	1536.7	1676.1	1954.7
137.5°	1185.8	1139.5	1093.2	1139.5	1185.8	1197.4	1309.8	1459.7	1534.6	1652.5	1888.1
140°	1218.7	1176.1	1133.4	1176.1	1218.7	1229.4	1328.8	1461.2	1527.5	1629.3	1832.7
142.5°	1243.2	1203.9	1164.4	1203.9	1243.2	1253.1	1344.5	1466.5	1527.5	1616.8	1795.6
145°	1280.7	1246.2	1211.8	1246.2	1280.7	1289.2	1365.2	1466.5	1517.1	1590.2	1736.5
147.5°	1326.3	1292.8	1259.3	1292.8	1326.3	1334.6	1395.5	1476.6	1517.1	1574.7	1689.7
150°	1350.8	1320.5	1290.2	1320.5	1350.8	1358.3	1411.2	1481.8	1517.1	1565.7	1662.9
152.5°	1368.0	1345.1	1322.2	1345.1	1368.0	1373.8	1421.6	1485.2	1517.1	1558.6	1641.6
155°	1403.6	1386.6	1369.7	1386.6	1403.6	1407.8	1444.3	1492.8	1517.1	1550.2	1616.2
157.5°	1437.7	1421.2	1404.8	1421.2	1437.7	1441.8	1466.9	1500.4	1517.1	1542.8	1594.1
160°	1454.2	1441.3	1428.5	1441.3	1454.2	1457.3	1477.3	1503.9	1517.1	1539.1	1583.1
162.5°	1471.4	1461.7	1452.2	1461.7	1471.4	1473.8	1488.2	1507.4	1517.1	1535.6	1572.8
165°	1495.4	1486.7	1478.0	1486.7	1495.4	1497.6	1504.1	1512.7	1517.1	1530.5	1557.0
167.5°	1509.9	1505.8	1501.7	1505.8	1509.9	1510.9	1516.4	1523.8	1527.5	1536.1	1553.6
170°	1525.5	1521.3	1517.1	1521.3	1525.5	1526.5	1526.8	1527.3	1527.5	1536.1	1553.6
172.5°	1527.3	1526.3	1525.4	1526.3	1527.3	1527.5	1527.5	1527.5	1527.5	1534.3	1548.1
175°	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1533.6	1529.6	1527.5	1531.8	1540.5
177.5°	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1534.3	1531.2	1529.6	1532.9	1539.8
180°	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7



TEST NUMBER: P935492

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1412.1	1412.1	1412.1	1412.1	1412.1	1412.1	1412.1	1412.1	1412.1	1412.1	1412.1
2.5°	1362.6	1358.6	1364.0	1349.3	1364.0	1358.6	1362.6	1372.0	1364.0	1369.3	1374.7
5°	1195.7	1189.0	1167.6	1150.3	1167.6	1189.0	1195.7	1223.7	1237.0	1261.1	1293.2
7.5°	1068.7	1063.4	1058.1	1047.4	1058.1	1063.4	1068.7	1076.8	1090.1	1111.5	1135.5
10°	1040.7	1042.0	1050.1	1048.7	1050.1	1042.0	1040.7	1038.0	1034.0	1038.0	1052.7
12.5°	1112.8	1124.9	1168.9	1166.3	1168.9	1124.9	1112.8	1059.4	1023.3	1016.6	1019.3
15°	1195.7	1199.7	1209.0	1210.3	1209.0	1199.7	1195.7	1174.3	1066.1	1019.3	1004.7
17.5°	1203.7	1205.1	1211.7	1211.7	1211.7	1205.1	1203.7	1194.3	1158.2	1095.5	1012.6
20°	1197.0	1199.7	1213.0	1215.7	1213.0	1199.7	1197.0	1184.9	1164.9	1142.2	1079.5
22.5°	1194.3	1199.7	1210.3	1209.0	1210.3	1199.7	1194.3	1175.6	1158.2	1142.2	1116.8
25°	1181.0	1181.0	1182.4	1183.6	1182.4	1181.0	1181.0	1166.3	1131.6	1127.6	1112.8
27.5°	1152.9	1155.6	1163.6	1162.2	1163.6	1155.6	1152.9	1147.6	1110.1	1106.2	1095.5
30°	1127.6	1124.9	1118.2	1112.8	1118.2	1124.9	1127.6	1119.5	1082.2	1071.4	1074.1
32.5°	1084.7	1078.1	1071.4	1067.4	1071.4	1078.1	1084.7	1082.2	1054.1	1039.3	1042.0
35°	1034.0	1035.3	1034.0	1030.0	1034.0	1035.3	1034.0	1036.7	1019.3	1006.0	1004.7
37.5°	998.0	1000.6	999.3	993.9	999.3	1000.6	998.0	995.3	971.2	967.2	969.9
40°	960.5	961.8	960.5	956.6	960.5	961.8	960.5	955.2	921.8	923.1	932.5
42.5°	924.5	923.1	919.1	916.4	919.1	923.1	924.5	916.4	873.7	869.7	887.0
45°	883.1	884.3	876.4	872.4	876.4	884.3	883.1	877.7	833.7	822.9	834.9
47.5°	841.6	841.6	834.9	831.0	834.9	841.6	841.6	834.9	788.2	777.5	784.2
50°	797.6	796.2	786.8	785.5	786.8	796.2	797.6	793.5	744.1	734.7	734.7
52.5°	746.8	746.8	748.1	750.8	748.1	746.8	746.8	748.1	704.1	694.7	692.0
55°	702.7	704.1	713.4	716.0	713.4	704.1	702.7	702.7	662.6	653.3	647.9
57.5°	657.3	657.3	663.9	663.9	663.9	657.3	657.3	654.6	615.8	607.9	605.2
60°	605.2	607.9	613.2	611.8	613.2	607.9	605.2	602.5	569.1	563.7	554.4
62.5°	550.4	553.1	554.4	551.8	554.4	553.1	550.4	542.4	522.4	518.3	506.4
65°	492.9	495.6	497.0	494.3	497.0	495.6	492.9	488.9	474.3	467.6	456.9
67.5°	434.2	432.9	431.5	436.8	431.5	432.9	434.2	428.9	419.5	414.1	399.5
70°	374.1	374.1	372.7	375.4	372.7	374.1	374.1	370.0	364.7	360.8	347.3
72.5°	310.0	308.6	313.9	310.0	313.9	308.6	310.0	308.6	306.0	301.9	288.5
75°	247.1	249.8	247.1	251.2	247.1	249.8	247.1	248.5	247.1	244.5	235.2
77.5°	188.3	191.0	188.3	188.3	188.3	191.0	188.3	189.7	189.7	189.7	181.7
80°	133.6	132.3	132.3	130.9	132.3	132.3	133.6	133.6	135.0	132.3	129.6
82.5°	85.5	84.2	84.2	86.9	84.2	84.2	85.5	86.9	84.2	84.2	84.2
85°	46.7	48.1	45.4	45.4	45.4	48.1	46.7	44.1	46.7	46.7	45.4
87.5°	17.3	16.0	16.0	16.0	16.0	16.0	17.3	18.7	18.7	18.7	20.0
90°	39.1	39.1	39.1	39.1	39.1	39.1	39.1	52.2	69.6	78.4	67.4
92.5°	195.9	188.1	157.0	125.8	157.0	188.1	195.9	277.8	386.8	441.4	387.5
95°	665.2	641.6	547.2	452.8	547.2	641.6	665.2	873.6	1151.4	1290.2	1089.7
97.5°	1535.7	1490.8	1311.1	1131.5	1311.1	1490.8	1535.7	1667.4	1843.0	1930.7	1596.4
100°	2156.6	2103.2	1889.0	1675.0	1889.0	2103.2	2156.6	2147.0	2134.1	2127.8	1756.6
102.5°	2686.7	2640.9	2457.5	2274.2	2457.5	2640.9	2686.7	2519.0	2295.3	2183.4	1807.1
105°	3305.5	3280.9	3182.3	3083.8	3182.3	3280.9	3305.5	2929.4	2427.9	2177.3	1812.8
107.5°	3627.3	3633.3	3657.1	3680.9	3657.1	3633.3	3627.3	3102.7	2403.2	2053.5	1732.1
110°	3709.8	3735.5	3838.2	3940.9	3838.2	3735.5	3709.8	3123.4	2341.4	1950.4	1660.6



TEST NUMBER: P935492

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3657.2	3696.7	3854.3	4012.0	3854.3	3696.7	3657.2	3056.9	2256.6	1856.4	1598.2
115°	3478.8	3533.5	3752.1	3970.8	3752.1	3533.5	3478.8	2900.6	2129.5	1744.1	1526.6
117.5°	3232.3	3293.0	3535.4	3777.9	3535.4	3293.0	3232.3	2710.4	2014.6	1666.7	1481.7
120°	3066.3	3125.1	3360.8	3596.4	3360.8	3125.1	3066.3	2589.4	1953.7	1635.7	1466.6
122.5°	2900.3	2958.3	3190.8	3423.2	3190.8	2958.3	2900.3	2470.9	1898.3	1612.0	1458.6
125°	2680.5	2734.0	2948.2	3162.2	2948.2	2734.0	2680.5	2315.8	1829.5	1586.2	1452.2
127.5°	2504.1	2549.3	2729.9	2910.5	2729.9	2549.3	2504.1	2191.0	1773.4	1564.6	1448.4
130°	2392.8	2434.5	2601.4	2768.2	2601.4	2434.5	2392.8	2114.0	1742.2	1556.3	1450.7
132.5°	2297.9	2335.2	2484.7	2634.1	2484.7	2335.2	2297.9	2048.3	1715.5	1549.1	1452.2
135°	2163.8	2196.0	2324.9	2453.6	2324.9	2196.0	2163.8	1954.7	1676.1	1536.7	1450.8
137.5°	2064.8	2091.2	2196.6	2302.1	2196.6	2091.2	2064.8	1888.1	1652.5	1534.6	1459.7
140°	1985.4	2010.0	2108.6	2207.1	2108.6	2010.0	1985.4	1832.7	1629.3	1527.5	1461.2
142.5°	1929.7	1950.9	2035.6	2120.5	2035.6	1950.9	1929.7	1795.6	1616.8	1527.5	1466.5
145°	1846.2	1862.2	1926.4	1990.5	1926.4	1862.2	1846.2	1736.5	1590.2	1517.1	1466.5
147.5°	1776.1	1789.3	1842.5	1895.7	1842.5	1789.3	1776.1	1689.7	1574.7	1517.1	1476.6
150°	1735.8	1746.6	1789.7	1832.7	1789.7	1746.6	1735.8	1662.9	1565.7	1517.1	1481.8
152.5°	1703.9	1712.0	1744.5	1777.1	1744.5	1712.0	1703.9	1641.6	1558.6	1517.1	1485.2
155°	1665.7	1671.1	1692.6	1714.1	1692.6	1671.1	1665.7	1616.2	1550.2	1517.1	1492.8
157.5°	1632.6	1636.4	1651.6	1666.7	1651.6	1636.4	1632.6	1594.1	1542.8	1517.1	1500.4
160°	1616.1	1618.3	1627.0	1635.7	1627.0	1618.3	1616.1	1583.1	1539.1	1517.1	1503.9
162.5°	1600.7	1602.8	1611.0	1619.3	1611.0	1602.8	1600.7	1572.8	1535.6	1517.1	1507.4
165°	1577.0	1579.2	1587.8	1596.6	1587.8	1579.2	1577.0	1557.0	1530.5	1517.1	1512.7
167.5°	1566.6	1567.5	1571.2	1574.9	1571.2	1567.5	1566.6	1553.6	1536.1	1527.5	1523.8
170°	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1553.6	1536.1	1527.5	1527.3
172.5°	1558.4	1557.6	1554.4	1551.2	1554.4	1557.6	1558.4	1548.1	1534.3	1527.5	1527.5
175°	1547.1	1547.1	1547.1	1547.1	1547.1	1547.1	1547.1	1540.5	1531.8	1527.5	1529.6
177.5°	1545.0	1544.1	1540.4	1536.7	1540.4	1544.1	1545.0	1539.8	1532.9	1529.6	1531.2
180°	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7



TEST NUMBER: P935492

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1412.1	1412.1	1412.1	1412.1	1412.1
2.5°	1394.7	1401.4	1405.5	1410.7	1424.1
5°	1341.3	1366.7	1374.7	1394.7	1418.8
7.5°	1223.7	1301.2	1322.6	1370.7	1408.0
10°	1110.1	1187.6	1225.1	1338.6	1394.7
12.5°	1052.7	1098.2	1123.5	1282.5	1376.0
15°	1016.6	1048.7	1067.4	1207.6	1354.7
17.5°	988.6	1011.3	1024.7	1134.2	1325.3
20°	971.2	982.0	993.9	1080.8	1291.8
22.5°	959.2	952.6	961.8	1043.4	1246.4
25°	951.2	925.8	936.5	1014.0	1193.0
27.5°	957.9	901.8	905.8	987.2	1136.9
30°	959.2	872.4	873.7	959.2	1074.1
32.5°	949.9	841.6	843.0	924.5	1003.3
35°	927.2	805.6	804.3	884.3	907.1
37.5°	896.4	766.8	766.8	840.3	801.6
40°	859.0	728.1	732.1	782.9	708.1
42.5°	813.6	686.6	692.0	706.8	638.5
45°	764.1	646.6	650.6	597.2	585.2
47.5°	709.4	605.2	606.6	495.6	567.8
50°	643.9	562.4	557.1	424.8	566.4
52.5°	586.4	515.6	499.6	384.8	514.3
55°	530.4	466.2	431.5	354.0	476.9
57.5°	481.0	402.1	368.7	317.9	468.9
60°	435.6	339.3	313.9	279.2	430.2
62.5°	398.1	292.5	287.2	252.5	390.1
65°	358.1	260.6	259.2	229.8	331.3
67.5°	319.3	239.1	237.8	208.4	252.5
70°	277.9	216.4	213.7	185.7	187.0
72.5°	235.2	191.0	188.3	167.0	155.0
75°	192.3	161.7	160.4	145.6	125.6
77.5°	151.0	128.3	130.9	117.5	92.2
80°	108.2	93.5	96.2	84.2	69.4
82.5°	72.1	61.5	64.1	53.5	46.7
85°	40.0	34.8	36.1	28.1	21.4
87.5°	18.7	16.0	16.0	10.7	6.7
90°	45.4	28.9	26.8	18.6	10.4
92.5°	279.9	199.1	181.6	111.4	41.2
95°	688.6	387.8	355.8	227.4	99.0
97.5°	927.6	426.0	397.7	284.5	171.2
100°	1014.5	458.0	432.3	329.6	226.9
102.5°	1054.5	489.9	465.9	370.1	274.3
105°	1083.9	537.3	517.0	435.9	354.8
107.5°	1089.4	607.5	588.5	512.9	437.3
110°	1081.3	646.7	629.7	561.3	493.0



TEST NUMBER: P935492

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1081.6	694.1	677.9	612.7	547.7
115°	1091.5	765.2	750.2	690.2	630.2
117.5°	1111.8	834.3	820.7	766.2	711.6
120°	1128.3	874.6	861.7	810.4	759.1
122.5°	1152.0	922.0	909.0	857.3	805.5
125°	1183.9	982.9	971.1	923.9	876.7
127.5°	1216.0	1041.7	1029.8	982.2	934.4
130°	1239.3	1080.9	1068.0	1016.7	965.3
132.5°	1258.2	1112.8	1100.0	1048.7	997.3
135°	1278.9	1150.0	1138.3	1091.5	1044.8
137.5°	1309.8	1197.4	1185.8	1139.5	1093.2
140°	1328.8	1229.4	1218.7	1176.1	1133.4
142.5°	1344.5	1253.1	1243.2	1203.9	1164.4
145°	1365.2	1289.2	1280.7	1246.2	1211.8
147.5°	1395.5	1334.6	1326.3	1292.8	1259.3
150°	1411.2	1358.3	1350.8	1320.5	1290.2
152.5°	1421.6	1373.8	1368.0	1345.1	1322.2
155°	1444.3	1407.8	1403.6	1386.6	1369.7
157.5°	1466.9	1441.8	1437.7	1421.2	1404.8
160°	1477.3	1457.3	1454.2	1441.3	1428.5
162.5°	1488.2	1473.8	1471.4	1461.7	1452.2
165°	1504.1	1497.6	1495.4	1486.7	1478.0
167.5°	1516.4	1510.9	1509.9	1505.8	1501.7
170°	1526.8	1526.5	1525.5	1521.3	1517.1
172.5°	1527.5	1527.5	1527.3	1526.3	1525.4
175°	1533.6	1536.7	1536.7	1536.7	1536.7
177.5°	1534.3	1536.7	1536.7	1536.7	1536.7
180°	1536.7	1536.7	1536.7	1536.7	1536.7



TEST NUMBER: P935492
 CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-8-2700K

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	8.68	9.37	9.82	10.49	12.06	11.52	12.21	12.65	13.33	14.90
	3H	9.15	9.76	10.29	10.89	12.48	12.85	13.47	14.00	14.60	16.18
	4H	9.33	9.91	10.48	11.04	12.63	13.29	13.88	14.44	15.01	16.60
	6H	9.44	9.97	10.60	11.11	12.71	13.57	14.11	14.73	15.24	16.84
	8H	9.43	9.94	10.60	11.10	12.69	13.64	14.15	14.80	15.30	16.89
	12H	9.40	9.88	10.56	11.03	12.64	13.67	14.16	14.84	15.30	16.92
4H	2H	9.69	10.28	10.85	11.41	13.00	11.91	12.49	13.07	13.62	15.21
	3H	10.71	11.19	11.87	12.35	13.95	13.40	13.88	14.56	15.04	16.64
	4H	10.97	11.42	12.14	12.57	14.19	13.92	14.37	15.09	15.52	17.13
	6H	11.09	11.47	12.26	12.64	14.25	14.28	14.66	15.45	15.83	17.44
	8H	11.09	11.45	12.26	12.61	14.24	14.38	14.74	15.55	15.90	17.53
	12H	11.05	11.37	12.24	12.55	14.18	14.43	14.76	15.62	15.93	17.56
8H	4H	11.41	11.77	12.58	12.93	14.56	14.03	14.39	15.20	15.55	17.18
	6H	11.67	11.96	12.86	13.17	14.79	14.46	14.76	15.65	15.96	17.58
	8H	11.71	11.97	12.90	13.15	14.79	14.61	14.87	15.81	16.05	17.69
	12H	11.69	11.91	12.88	13.09	14.77	14.71	14.93	15.90	16.11	17.78
12H	4H	11.41	11.74	12.60	12.91	14.54	13.99	14.31	15.17	15.48	17.11
	6H	11.73	11.99	12.92	13.17	14.81	14.46	14.71	15.65	15.90	17.54
	8H	11.79	12.01	12.99	13.19	14.87	14.61	14.84	15.81	16.02	17.69