

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: P935543

Luminaire Tested: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-2700K

Issue Date: 12/17/2024

**Test Information**

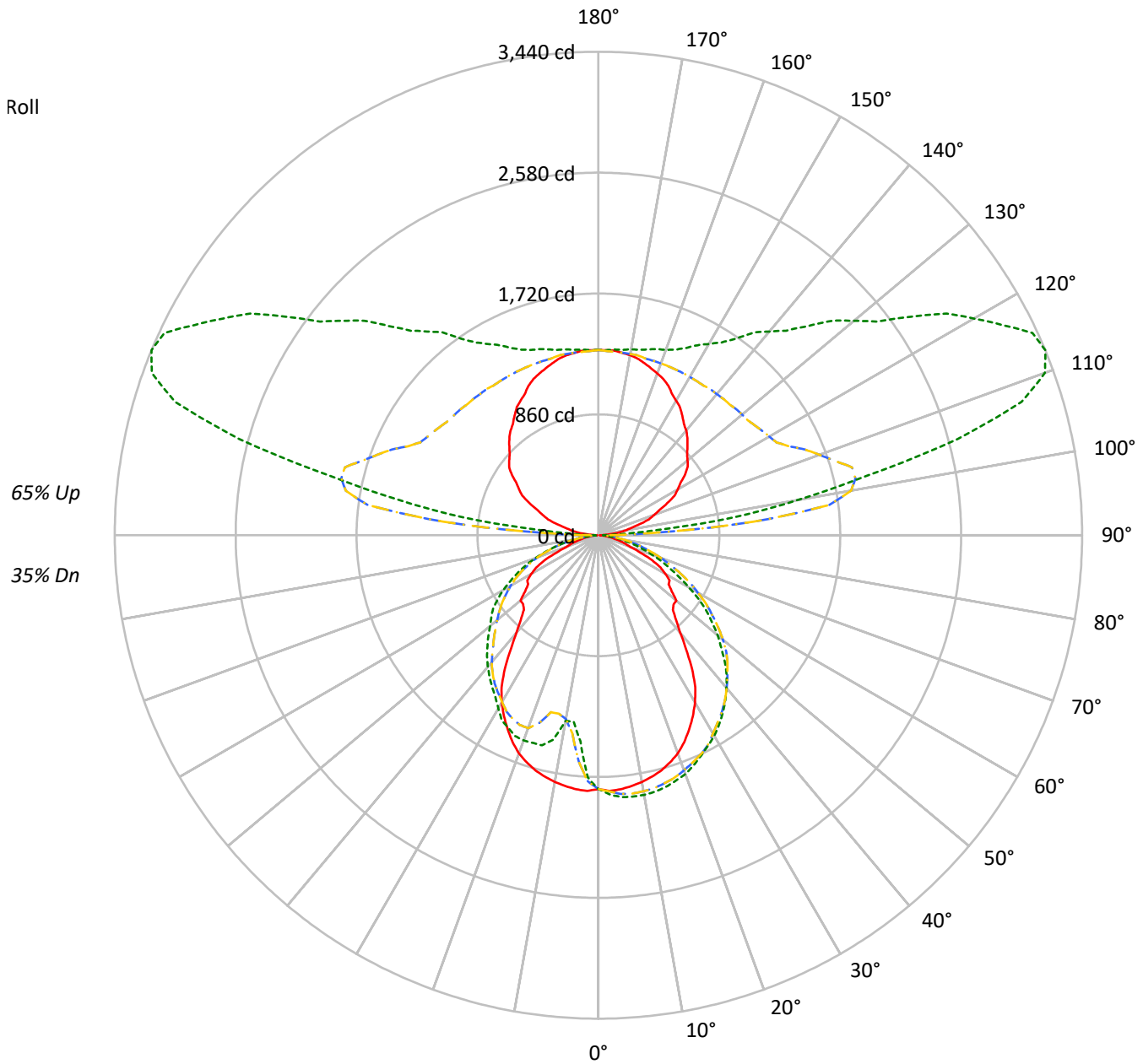
Test Method: LM-79-2019  
Report Number: P935543  
REPORT IS A COMBINATION OF REPORTS P933760 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-2700K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13229.6 lumens  
Efficiency: N/A  
Efficacy: 119.0 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): 111.2  
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-075D-92765-1D-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				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	104	104	104	104	94	94	94	94	75	75	75	58	58	58	43	43	43	35			35
1	95	90	87	83	85	82	79	76	66	64	62	51	50	49	38	37	36	30			30
2	86	79	73	68	78	72	66	62	58	54	51	45	43	41	33	32	30	25			25
3	78	69	62	56	71	63	57	52	51	47	43	40	37	34	29	28	26	21			21
4	72	61	54	48	65	56	49	44	45	40	36	35	32	29	26	24	22	18			18
5	66	54	46	41	59	50	43	38	40	35	31	32	28	25	24	21	19	16			16
6	60	49	41	35	54	44	37	32	36	31	27	29	25	22	21	19	17	14			14
7	56	44	36	31	50	40	33	28	33	28	24	26	22	19	20	17	15	12			12
8	52	40	32	27	47	36	30	25	30	25	21	24	20	17	18	15	13	11			11
9	48	36	29	24	43	33	27	22	27	22	19	22	18	15	16	14	12	10			10
10	45	33	26	21	41	30	24	20	25	20	17	20	16	14	15	13	11	9			9

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	8377	8377	8377	8377
5°	8440	8456	8440	6649
10°	8383	8330	8383	5955
15°	8292	8149	8292	6805
20°	8119	7936	8119	6819
25°	7764	7624	7764	6674
30°	7305	7365	7305	6357
35°	6512	7037	6512	6009
40°	5427	6652	5427	5745
45°	4849	6201	4849	5442
50°	5151	5663	5151	5139
55°	4846	5083	4846	4962
60°	4996	4317	4996	4545
65°	4529	3568	4529	3989
70°	3137	2844	3137	3344
75°	2751	2102	2751	2518
80°	2216	1389	2216	1513
85°	1272	736	1272	626

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 7431 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	163.0	1.2
10°-20°	462.7	3.5
20°-30°	715.3	5.4
30°-40°	853.9	6.5
40°-50°	859.0	6.5
50°-60°	747.4	5.6
60°-70°	529.9	4.0
70°-80°	280.4	2.1
80°-90°	74.9	0.6
90°-100°	642.4	4.9
100°-110°	1688.9	12.8
110°-120°	1751.2	13.2
120°-130°	1404.7	10.6
130°-140°	1102.1	8.3
140°-150°	845.9	6.4
150°-160°	609.2	4.6
160°-170°	372.8	2.8
170°-180°	125.9	1.0
0°-30°	1341.1	10.1
0°-40°	2195.0	16.6
0°-60°	3801.4	28.7
0°-90°	4686.5	35.4
90°-120°	4082.4	30.9
90°-150°	7435.2	56.2
90°-180°	8543.0	64.6
0°-180°	13229.6	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1806	1806	1806	1806	1806	
5°	1814	1870	1814	1471	1814	172
15°	1732	1853	1732	1548	1732	487
25°	1525	1729	1525	1513	1525	700
35°	1160	1542	1160	1317	1160	718
45°	748	1271	748	1115	748	599
55°	610	938	610	916	610	560
65°	424	565	424	632	424	405
75°	161	268	161	321	161	169
85°	27	68	27	58	27	37
90°	9	34	9	34	9	8
95°	85	388	85	388	85	94
105°	304	2645	304	2645	304	323
115°	540	3405	540	3405	540	534
125°	752	2712	752	2712	752	667
135°	896	2104	896	2104	896	693
145°	1039	1707	1039	1707	1039	651
155°	1175	1470	1175	1470	1175	540
165°	1267	1369	1267	1369	1267	358
175°	1318	1327	1318	1327	1318	125
180°	1318	1318	1318	1318	1318	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5
2.5°	1820.9	1820.9	1831.2	1834.6	1834.6	1829.5	1824.3	1829.5	1844.8	1850.0	1848.2
5°	1814.1	1827.7	1846.5	1850.0	1853.4	1851.7	1848.2	1851.7	1868.7	1872.2	1873.9
7.5°	1800.4	1826.0	1850.0	1855.1	1860.2	1855.1	1853.4	1856.8	1873.9	1877.3	1877.3
10°	1783.3	1819.2	1846.5	1850.0	1855.1	1850.0	1850.0	1856.8	1873.9	1877.3	1879.0
12.5°	1759.4	1809.0	1834.6	1838.0	1844.8	1843.1	1841.4	1848.2	1865.3	1868.7	1868.7
15°	1732.1	1790.2	1814.1	1817.5	1829.5	1826.0	1826.0	1832.9	1851.7	1856.8	1855.1
17.5°	1694.5	1766.3	1793.6	1798.7	1807.2	1805.5	1807.2	1814.1	1831.2	1834.6	1836.3
20°	1651.8	1733.8	1766.3	1771.4	1779.9	1779.9	1779.9	1788.5	1805.5	1812.4	1812.4
22.5°	1593.7	1699.6	1733.8	1737.2	1747.5	1747.5	1750.9	1762.8	1778.2	1779.9	1779.9
25°	1525.4	1662.0	1691.1	1701.3	1711.6	1716.7	1721.8	1728.7	1733.8	1732.1	1733.8
27.5°	1453.6	1614.2	1651.8	1658.6	1672.3	1677.4	1684.3	1686.0	1687.7	1692.8	1689.4
30°	1373.4	1547.6	1604.0	1610.8	1633.0	1636.4	1629.6	1633.0	1641.5	1645.0	1648.4
32.5°	1282.8	1448.5	1554.4	1569.8	1590.3	1580.1	1578.3	1583.5	1597.1	1597.1	1600.6
35°	1159.8	1371.6	1508.3	1522.0	1537.3	1525.4	1532.2	1533.9	1542.5	1547.6	1545.9
37.5°	1024.9	1305.0	1460.5	1470.7	1482.7	1467.3	1477.6	1482.7	1489.5	1486.1	1486.1
40°	905.4	1200.8	1404.1	1410.9	1421.2	1409.2	1419.5	1422.9	1426.3	1422.9	1421.2
42.5°	816.5	1086.4	1344.3	1352.9	1346.0	1354.6	1358.0	1364.8	1359.7	1352.9	1352.9
45°	748.2	1055.6	1279.4	1289.6	1279.4	1293.1	1298.2	1298.2	1282.8	1279.4	1277.7
47.5°	726.0	994.2	1214.5	1214.5	1209.4	1226.4	1235.0	1223.0	1207.7	1202.5	1202.5
50°	724.3	925.9	1125.7	1118.8	1142.7	1163.2	1154.7	1142.7	1130.8	1112.0	1112.0
52.5°	657.7	842.2	1011.3	1036.8	1074.4	1086.4	1072.7	1060.7	1040.2	1031.7	1024.9
55°	609.8	755.0	907.1	958.3	997.6	1013.0	987.4	975.4	944.7	939.5	936.1
57.5°	599.6	628.6	811.4	876.3	924.2	922.5	907.1	884.9	859.3	854.1	852.4
60°	550.1	454.4	708.9	785.8	835.3	830.2	816.5	796.0	772.1	768.7	765.3
62.5°	498.8	329.7	592.8	679.9	749.9	748.2	736.3	705.5	688.4	679.9	673.1
65°	423.6	276.7	421.9	565.4	666.2	669.6	644.0	621.8	603.0	592.8	591.1
67.5°	322.9	225.5	285.3	471.5	585.9	582.5	550.1	539.8	515.9	510.8	500.5
70°	239.2	150.3	198.2	382.6	507.4	498.8	473.2	461.2	439.0	427.1	420.2
72.5°	198.2	121.3	145.2	297.2	427.1	416.8	394.6	380.9	362.2	351.9	345.1
75°	160.6	128.1	111.0	220.4	346.8	339.9	319.4	305.8	290.4	276.7	278.4
77.5°	117.9	119.6	88.8	162.3	275.0	264.8	252.8	235.7	228.9	215.2	215.2
80°	88.8	94.0	66.6	111.0	198.2	198.2	187.9	176.0	164.0	157.2	157.2
82.5°	59.8	59.8	49.5	70.0	135.0	129.8	123.0	119.6	112.7	109.3	109.3
85°	27.3	34.2	30.7	42.7	73.5	76.9	76.9	73.5	71.7	68.3	70.0
87.5°	8.5	15.4	18.8	23.9	37.6	39.3	41.0	41.0	41.0	42.7	42.7
90°	8.9	16.0	23.0	24.8	38.9	57.8	67.2	59.7	44.8	33.6	33.6
92.5°	35.4	95.5	155.7	170.7	240.0	332.3	378.5	331.7	238.2	168.0	161.3
95°	84.9	195.0	305.1	332.6	590.5	934.5	1106.4	987.4	749.2	570.5	550.2
97.5°	146.8	243.9	341.1	365.3	795.4	1369.0	1655.7	1580.5	1429.9	1317.0	1278.5
100°	194.6	282.6	370.7	392.7	870.0	1506.4	1824.7	1830.1	1841.2	1849.4	1803.6
102.5°	235.2	317.4	399.6	420.1	904.3	1549.7	1872.4	1968.3	2160.2	2304.0	2264.7
105°	304.2	373.9	443.4	460.8	929.5	1554.6	1867.1	2082.1	2512.2	2834.7	2813.6
107.5°	375.0	439.9	504.7	520.9	934.2	1485.4	1761.0	2060.9	2660.8	3110.6	3115.8
110°	422.8	481.4	540.0	554.6	927.2	1424.1	1672.6	2007.9	2678.5	3181.4	3203.4



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	469.7	525.5	581.3	595.2	927.5	1370.5	1592.0	1935.2	2621.5	3136.3	3170.1
115°	540.4	591.9	643.3	656.2	936.0	1309.1	1495.7	1826.2	2487.4	2983.3	3030.2
117.5°	610.3	657.1	703.8	715.5	953.5	1270.7	1429.3	1727.6	2324.3	2771.9	2823.9
120°	650.9	695.0	739.0	750.0	967.6	1257.7	1402.7	1675.4	2220.6	2629.5	2680.0
122.5°	690.7	735.1	779.6	790.7	987.9	1250.9	1382.4	1627.9	2118.9	2487.1	2536.9
125°	751.8	792.3	832.8	842.9	1015.3	1245.3	1360.3	1568.9	1985.9	2298.7	2344.6
127.5°	801.3	842.3	883.1	893.3	1042.8	1242.1	1341.7	1520.8	1878.9	2147.4	2186.1
130°	827.8	871.9	915.9	926.9	1062.8	1244.0	1334.7	1494.0	1812.9	2052.0	2087.7
132.5°	855.2	899.3	943.3	954.3	1079.0	1245.3	1328.4	1471.2	1756.5	1970.6	2002.6
135°	896.0	936.0	976.2	986.2	1096.7	1244.1	1317.8	1437.3	1676.3	1855.6	1883.2
137.5°	937.5	977.2	1016.9	1026.8	1123.3	1251.8	1316.0	1417.1	1619.2	1770.7	1793.3
140°	972.0	1008.6	1045.1	1054.3	1139.5	1253.1	1309.9	1397.2	1571.7	1702.6	1723.7
142.5°	998.6	1032.4	1066.1	1074.6	1153.0	1257.6	1309.9	1386.5	1539.8	1654.8	1673.0
145°	1039.2	1068.7	1098.2	1105.6	1170.8	1257.6	1301.0	1363.7	1489.2	1583.2	1597.0
147.5°	1080.0	1108.7	1137.4	1144.5	1196.7	1266.2	1301.0	1350.4	1449.0	1523.1	1534.4
150°	1106.4	1132.4	1158.4	1164.9	1210.2	1270.8	1301.0	1342.7	1426.1	1488.6	1497.8
152.5°	1133.9	1153.5	1173.1	1178.1	1219.1	1273.7	1301.0	1336.6	1407.8	1461.2	1468.2
155°	1174.6	1189.1	1203.6	1207.3	1238.6	1280.2	1301.0	1329.4	1386.0	1428.4	1433.1
157.5°	1204.7	1218.8	1232.9	1236.4	1258.0	1286.7	1301.0	1323.0	1367.0	1400.1	1403.3
160°	1225.0	1236.0	1247.0	1249.8	1266.8	1289.6	1301.0	1319.9	1357.6	1385.9	1387.8
162.5°	1245.3	1253.5	1261.8	1263.9	1276.2	1292.7	1301.0	1316.9	1348.8	1372.7	1374.5
165°	1267.4	1275.0	1282.4	1284.3	1289.8	1297.2	1301.0	1312.5	1335.3	1352.3	1354.2
167.5°	1287.8	1291.3	1294.9	1295.7	1300.4	1306.7	1309.9	1317.3	1332.3	1343.5	1344.2
170°	1301.0	1304.6	1308.2	1309.0	1309.3	1309.7	1309.9	1317.3	1332.3	1343.5	1343.5
172.5°	1308.1	1308.9	1309.7	1309.9	1309.9	1309.9	1309.9	1315.8	1327.6	1336.5	1335.8
175°	1317.8	1317.8	1317.8	1317.8	1315.2	1311.7	1309.9	1313.6	1321.1	1326.7	1326.7
177.5°	1317.8	1317.8	1317.8	1317.8	1315.8	1313.1	1311.7	1314.6	1320.5	1324.9	1324.2
180°	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5
2.5°	1851.7	1846.5	1851.7	1848.2	1850.0	1844.8	1829.5	1824.3	1829.5	1834.6	1834.6
5°	1873.9	1870.5	1873.9	1873.9	1872.2	1868.7	1851.7	1848.2	1851.7	1853.4	1850.0
7.5°	1880.7	1875.6	1880.7	1877.3	1877.3	1873.9	1856.8	1853.4	1855.1	1860.2	1855.1
10°	1880.7	1875.6	1880.7	1879.0	1877.3	1873.9	1856.8	1850.0	1850.0	1855.1	1850.0
12.5°	1872.2	1868.7	1872.2	1868.7	1868.7	1865.3	1848.2	1841.4	1843.1	1844.8	1838.0
15°	1858.5	1853.4	1858.5	1855.1	1856.8	1851.7	1832.9	1826.0	1826.0	1829.5	1817.5
17.5°	1838.0	1831.2	1838.0	1836.3	1834.6	1831.2	1814.1	1807.2	1805.5	1807.2	1798.7
20°	1814.1	1809.0	1814.1	1812.4	1812.4	1805.5	1788.5	1779.9	1779.9	1779.9	1771.4
22.5°	1776.5	1771.4	1776.5	1779.9	1779.9	1778.2	1762.8	1750.9	1747.5	1747.5	1737.2
25°	1733.8	1728.7	1733.8	1733.8	1732.1	1733.8	1728.7	1721.8	1716.7	1711.6	1701.3
27.5°	1692.8	1689.4	1692.8	1689.4	1692.8	1687.7	1686.0	1684.3	1677.4	1672.3	1658.6
30°	1651.8	1648.4	1651.8	1648.4	1645.0	1641.5	1633.0	1629.6	1636.4	1633.0	1610.8
32.5°	1600.6	1597.1	1600.6	1600.6	1597.1	1597.1	1583.5	1578.3	1580.1	1590.3	1569.8
35°	1547.6	1542.5	1547.6	1545.9	1547.6	1542.5	1533.9	1532.2	1525.4	1537.3	1522.0
37.5°	1486.1	1481.0	1486.1	1486.1	1486.1	1489.5	1482.7	1477.6	1467.3	1482.7	1470.7
40°	1422.9	1416.1	1422.9	1421.2	1422.9	1426.3	1422.9	1419.5	1409.2	1421.2	1410.9
42.5°	1351.1	1349.4	1351.1	1352.9	1352.9	1359.7	1364.8	1358.0	1354.6	1346.0	1352.9
45°	1274.3	1270.9	1274.3	1277.7	1279.4	1282.8	1298.2	1298.2	1293.1	1279.4	1289.6
47.5°	1192.3	1183.7	1192.3	1202.5	1202.5	1207.7	1223.0	1235.0	1226.4	1209.4	1214.5
50°	1105.2	1106.9	1105.2	1112.0	1112.0	1130.8	1142.7	1154.7	1163.2	1142.7	1118.8
52.5°	1019.7	1018.1	1019.7	1024.9	1031.7	1040.2	1060.7	1072.7	1086.4	1074.4	1036.8
55°	934.4	937.8	934.4	936.1	939.5	944.7	975.4	987.4	1013.0	997.6	958.3
57.5°	849.0	843.9	849.0	852.4	854.1	859.3	884.9	907.1	922.5	924.2	876.3
60°	749.9	743.1	749.9	765.3	768.7	772.1	796.0	816.5	830.2	835.3	785.8
62.5°	662.8	650.8	662.8	673.1	679.9	688.4	705.5	736.3	748.2	749.9	679.9
65°	570.6	565.4	570.6	591.1	592.8	603.0	621.8	644.0	669.6	666.2	565.4
67.5°	486.9	486.9	486.9	500.5	510.8	515.9	539.8	550.1	582.5	585.9	471.5
70°	410.0	408.3	410.0	420.2	427.1	439.0	461.2	473.2	498.8	507.4	382.6
72.5°	336.5	334.8	336.5	345.1	351.9	362.2	380.9	394.6	416.8	427.1	297.2
75°	271.6	268.2	271.6	278.4	276.7	290.4	305.8	319.4	339.9	346.8	220.4
77.5°	208.4	208.4	208.4	215.2	215.2	228.9	235.7	252.8	264.8	275.0	162.3
80°	155.5	153.7	155.5	157.2	157.2	164.0	176.0	187.9	198.2	198.2	111.0
82.5°	109.3	105.9	109.3	109.3	109.3	112.7	119.6	123.0	129.8	135.0	70.0
85°	68.3	68.3	68.3	70.0	68.3	71.7	73.5	76.9	76.9	73.5	42.7
87.5°	44.4	42.7	44.4	42.7	42.7	41.0	41.0	41.0	39.3	37.6	23.9
90°	33.6	33.6	33.6	33.6	33.6	44.8	59.7	67.2	57.8	38.9	24.8
92.5°	134.6	107.9	134.6	161.3	168.0	238.2	331.7	378.5	332.3	240.0	170.7
95°	469.3	388.3	469.3	550.2	570.5	749.2	987.4	1106.4	934.5	590.5	332.6
97.5°	1124.4	970.3	1124.4	1278.5	1317.0	1429.9	1580.5	1655.7	1369.0	795.4	365.3
100°	1619.9	1436.4	1619.9	1803.6	1849.4	1841.2	1830.1	1824.7	1506.4	870.0	392.7
102.5°	2107.5	1950.2	2107.5	2264.7	2304.0	2160.2	1968.3	1872.4	1549.7	904.3	420.1
105°	2729.0	2644.6	2729.0	2813.6	2834.7	2512.2	2082.1	1867.1	1554.6	929.5	460.8
107.5°	3136.2	3156.6	3136.2	3115.8	3110.6	2660.8	2060.9	1761.0	1485.4	934.2	520.9
110°	3291.5	3379.5	3291.5	3203.4	3181.4	2678.5	2007.9	1672.6	1424.1	927.2	554.6





TEST NUMBER: P935543

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-2700K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3305.3	3440.5	3305.3	3170.1	3136.3	2621.5	1935.2	1592.0	1370.5	927.5	595.2
115°	3217.7	3405.2	3217.7	3030.2	2983.3	2487.4	1826.2	1495.7	1309.1	936.0	656.2
117.5°	3031.8	3239.8	3031.8	2823.9	2771.9	2324.3	1727.6	1429.3	1270.7	953.5	715.5
120°	2882.1	3084.1	2882.1	2680.0	2629.5	2220.6	1675.4	1402.7	1257.7	967.6	750.0
122.5°	2736.3	2935.6	2736.3	2536.9	2487.1	2118.9	1627.9	1382.4	1250.9	987.9	790.7
125°	2528.2	2711.8	2528.2	2344.6	2298.7	1985.9	1568.9	1360.3	1245.3	1015.3	842.9
127.5°	2341.1	2495.9	2341.1	2186.1	2147.4	1878.9	1520.8	1341.7	1242.1	1042.8	893.3
130°	2230.8	2373.9	2230.8	2087.7	2052.0	1812.9	1494.0	1334.7	1244.0	1062.8	926.9
132.5°	2130.8	2258.9	2130.8	2002.6	1970.6	1756.5	1471.2	1328.4	1245.3	1079.0	954.3
135°	1993.7	2104.1	1993.7	1883.2	1855.6	1676.3	1437.3	1317.8	1244.1	1096.7	986.2
137.5°	1883.7	1974.1	1883.7	1793.3	1770.7	1619.2	1417.1	1316.0	1251.8	1123.3	1026.8
140°	1808.3	1892.7	1808.3	1723.7	1702.6	1571.7	1397.2	1309.9	1253.1	1139.5	1054.3
142.5°	1745.7	1818.4	1745.7	1673.0	1654.8	1539.8	1386.5	1309.9	1257.6	1153.0	1074.6
145°	1652.0	1707.0	1652.0	1597.0	1583.2	1489.2	1363.7	1301.0	1257.6	1170.8	1105.6
147.5°	1580.1	1625.7	1580.1	1534.4	1523.1	1449.0	1350.4	1301.0	1266.2	1196.7	1144.5
150°	1534.8	1571.7	1534.8	1497.8	1488.6	1426.1	1342.7	1301.0	1270.8	1210.2	1164.9
152.5°	1496.0	1523.9	1496.0	1468.2	1461.2	1407.8	1336.6	1301.0	1273.7	1219.1	1178.1
155°	1451.5	1470.0	1451.5	1433.1	1428.4	1386.0	1329.4	1301.0	1280.2	1238.6	1207.3
157.5°	1416.3	1429.3	1416.3	1403.3	1400.1	1367.0	1323.0	1301.0	1286.7	1258.0	1236.4
160°	1395.2	1402.7	1395.2	1387.8	1385.9	1357.6	1319.9	1301.0	1289.6	1266.8	1249.8
162.5°	1381.6	1388.6	1381.6	1374.5	1372.7	1348.8	1316.9	1301.0	1292.7	1276.2	1263.9
165°	1361.7	1369.2	1361.7	1354.2	1352.3	1335.3	1312.5	1301.0	1297.2	1289.8	1284.3
167.5°	1347.4	1350.5	1347.4	1344.2	1343.5	1332.3	1317.3	1309.9	1306.7	1300.4	1295.7
170°	1343.5	1343.5	1343.5	1343.5	1343.5	1332.3	1317.3	1309.9	1309.7	1309.3	1309.0
172.5°	1333.0	1330.2	1333.0	1335.8	1336.5	1327.6	1315.8	1309.9	1309.9	1309.9	1309.9
175°	1326.7	1326.7	1326.7	1326.7	1326.7	1321.1	1313.6	1309.9	1311.7	1315.2	1317.8
177.5°	1321.0	1317.8	1321.0	1324.2	1324.9	1320.5	1314.6	1311.7	1313.1	1315.8	1317.8
180°	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8



TEST NUMBER: P935543

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-2700K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5
2.5°	1831.2	1820.9	1820.9	1803.8	1797.0	1791.9	1783.3	1757.7	1750.9	1744.0	1754.3
5°	1846.5	1827.7	1814.1	1783.3	1757.7	1747.5	1715.0	1653.5	1612.5	1581.8	1564.7
7.5°	1850.0	1826.0	1800.4	1752.6	1691.1	1663.8	1564.7	1451.9	1421.2	1393.9	1376.8
10°	1846.5	1819.2	1783.3	1711.6	1566.4	1518.6	1419.5	1346.0	1327.2	1322.1	1327.2
12.5°	1834.6	1809.0	1759.4	1639.8	1436.6	1404.1	1346.0	1303.3	1299.9	1308.4	1354.6
15°	1814.1	1790.2	1732.1	1544.2	1364.8	1340.9	1299.9	1284.5	1303.3	1363.1	1501.5
17.5°	1793.6	1766.3	1694.5	1450.2	1310.1	1293.1	1264.0	1294.8	1400.7	1481.0	1527.1
20°	1766.3	1733.8	1651.8	1381.9	1270.9	1255.5	1241.8	1380.2	1460.5	1489.5	1515.1
22.5°	1733.8	1699.6	1593.7	1334.1	1229.9	1217.9	1226.4	1428.0	1460.5	1481.0	1503.2
25°	1691.1	1662.0	1525.4	1296.5	1197.4	1183.7	1216.2	1422.9	1441.7	1446.8	1491.2
27.5°	1651.8	1614.2	1453.6	1262.3	1158.1	1153.0	1224.7	1400.7	1414.4	1419.5	1467.3
30°	1604.0	1547.6	1373.4	1226.4	1117.1	1115.4	1226.4	1373.4	1369.9	1383.6	1431.4
32.5°	1554.4	1448.5	1282.8	1182.0	1077.8	1076.1	1214.5	1332.4	1328.9	1347.7	1383.6
35°	1508.3	1371.6	1159.8	1130.8	1028.3	1030.0	1185.4	1284.5	1286.2	1303.3	1325.5
37.5°	1460.5	1305.0	1024.9	1074.4	980.5	980.5	1146.2	1240.1	1236.7	1241.8	1272.6
40°	1404.1	1200.8	905.4	1001.0	936.1	931.0	1098.3	1192.3	1180.3	1178.6	1221.3
42.5°	1344.3	1086.4	816.5	903.7	884.9	878.0	1040.2	1134.2	1112.0	1117.1	1171.8
45°	1279.4	1055.6	748.2	763.6	831.9	826.8	977.1	1067.6	1052.2	1065.9	1122.2
47.5°	1214.5	994.2	726.0	633.8	775.5	773.8	907.1	1002.7	994.2	1007.9	1067.6
50°	1125.7	925.9	724.3	543.2	712.3	719.2	823.4	939.5	939.5	951.5	1014.7
52.5°	1011.3	842.2	657.7	492.0	638.9	659.4	749.9	884.9	888.3	900.3	956.6
55°	907.1	755.0	609.8	452.7	551.8	596.2	678.2	828.5	835.3	847.3	898.5
57.5°	811.4	628.6	599.6	406.6	471.5	514.2	615.0	773.8	777.3	787.5	837.0
60°	708.9	454.4	550.1	357.0	401.4	433.9	556.9	708.9	720.9	727.7	770.4
62.5°	592.8	329.7	498.8	322.9	367.3	374.1	509.1	647.4	662.8	667.9	693.6
65°	421.9	276.7	423.6	293.8	331.4	333.1	457.8	584.2	597.9	606.4	625.2
67.5°	285.3	225.5	322.9	266.5	304.1	305.8	408.3	510.8	529.6	536.4	548.4
70°	198.2	150.3	239.2	237.4	273.3	276.7	355.3	444.1	461.2	466.4	473.2
72.5°	145.2	121.3	198.2	213.5	240.9	244.3	300.7	369.0	386.1	391.2	394.6
75°	111.0	128.1	160.6	186.2	205.0	206.7	246.0	300.7	312.6	316.0	317.7
77.5°	88.8	119.6	117.9	150.3	167.4	164.0	193.0	232.3	242.6	242.6	242.6
80°	66.6	94.0	88.8	107.6	123.0	119.6	138.4	165.7	169.1	172.5	170.8
82.5°	49.5	59.8	59.8	68.3	82.0	78.6	92.2	107.6	107.6	107.6	111.0
85°	30.7	34.2	27.3	35.9	46.1	44.4	51.2	58.1	59.8	59.8	56.4
87.5°	18.8	15.4	8.5	13.7	20.5	20.5	23.9	25.6	23.9	23.9	23.9
90°	23.0	16.0	8.9	16.0	23.0	24.8	38.9	57.8	67.2	59.7	44.8
92.5°	155.7	95.5	35.4	95.5	155.7	170.7	240.0	332.3	378.5	331.7	238.2
95°	305.1	195.0	84.9	195.0	305.1	332.6	590.5	934.5	1106.4	987.4	749.2
97.5°	341.1	243.9	146.8	243.9	341.1	365.3	795.4	1369.0	1655.7	1580.5	1429.9
100°	370.7	282.6	194.6	282.6	370.7	392.7	870.0	1506.4	1824.7	1830.1	1841.2
102.5°	399.6	317.4	235.2	317.4	399.6	420.1	904.3	1549.7	1872.4	1968.3	2160.2
105°	443.4	373.9	304.2	373.9	443.4	460.8	929.5	1554.6	1867.1	2082.1	2512.2
107.5°	504.7	439.9	375.0	439.9	504.7	520.9	934.2	1485.4	1761.0	2060.9	2660.8
110°	540.0	481.4	422.8	481.4	540.0	554.6	927.2	1424.1	1672.6	2007.9	2678.5



TEST NUMBER: P935543

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-2700K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	581.3	525.5	469.7	525.5	581.3	595.2	927.5	1370.5	1592.0	1935.2	2621.5
115°	643.3	591.9	540.4	591.9	643.3	656.2	936.0	1309.1	1495.7	1826.2	2487.4
117.5°	703.8	657.1	610.3	657.1	703.8	715.5	953.5	1270.7	1429.3	1727.6	2324.3
120°	739.0	695.0	650.9	695.0	739.0	750.0	967.6	1257.7	1402.7	1675.4	2220.6
122.5°	779.6	735.1	690.7	735.1	779.6	790.7	987.9	1250.9	1382.4	1627.9	2118.9
125°	832.8	792.3	751.8	792.3	832.8	842.9	1015.3	1245.3	1360.3	1568.9	1985.9
127.5°	883.1	842.3	801.3	842.3	883.1	893.3	1042.8	1242.1	1341.7	1520.8	1878.9
130°	915.9	871.9	827.8	871.9	915.9	926.9	1062.8	1244.0	1334.7	1494.0	1812.9
132.5°	943.3	899.3	855.2	899.3	943.3	954.3	1079.0	1245.3	1328.4	1471.2	1756.5
135°	976.2	936.0	896.0	936.0	976.2	986.2	1096.7	1244.1	1317.8	1437.3	1676.3
137.5°	1016.9	977.2	937.5	977.2	1016.9	1026.8	1123.3	1251.8	1316.0	1417.1	1619.2
140°	1045.1	1008.6	972.0	1008.6	1045.1	1054.3	1139.5	1253.1	1309.9	1397.2	1571.7
142.5°	1066.1	1032.4	998.6	1032.4	1066.1	1074.6	1153.0	1257.6	1309.9	1386.5	1539.8
145°	1098.2	1068.7	1039.2	1068.7	1098.2	1105.6	1170.8	1257.6	1301.0	1363.7	1489.2
147.5°	1137.4	1108.7	1080.0	1108.7	1137.4	1144.5	1196.7	1266.2	1301.0	1350.4	1449.0
150°	1158.4	1132.4	1106.4	1132.4	1158.4	1164.9	1210.2	1270.8	1301.0	1342.7	1426.1
152.5°	1173.1	1153.5	1133.9	1153.5	1173.1	1178.1	1219.1	1273.7	1301.0	1336.6	1407.8
155°	1203.6	1189.1	1174.6	1189.1	1203.6	1207.3	1238.6	1280.2	1301.0	1329.4	1386.0
157.5°	1232.9	1218.8	1204.7	1218.8	1232.9	1236.4	1258.0	1286.7	1301.0	1323.0	1367.0
160°	1247.0	1236.0	1225.0	1236.0	1247.0	1249.8	1266.8	1289.6	1301.0	1319.9	1357.6
162.5°	1261.8	1253.5	1245.3	1253.5	1261.8	1263.9	1276.2	1292.7	1301.0	1316.9	1348.8
165°	1282.4	1275.0	1267.4	1275.0	1282.4	1284.3	1289.8	1297.2	1301.0	1312.5	1335.3
167.5°	1294.9	1291.3	1287.8	1291.3	1294.9	1295.7	1300.4	1306.7	1309.9	1317.3	1332.3
170°	1308.2	1304.6	1301.0	1304.6	1308.2	1309.0	1309.3	1309.7	1309.9	1317.3	1332.3
172.5°	1309.7	1308.9	1308.1	1308.9	1309.7	1309.9	1309.9	1309.9	1309.9	1315.8	1327.6
175°	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1315.2	1311.7	1309.9	1313.6	1321.1
177.5°	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1315.8	1313.1	1311.7	1314.6	1320.5
180°	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8



TEST NUMBER: P935543

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-2700K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5
2.5°	1742.3	1737.2	1744.0	1725.3	1744.0	1737.2	1742.3	1754.3	1744.0	1750.9	1757.7
5°	1528.8	1520.3	1492.9	1470.7	1492.9	1520.3	1528.8	1564.7	1581.8	1612.5	1653.5
7.5°	1366.5	1359.7	1352.9	1339.2	1352.9	1359.7	1366.5	1376.8	1393.9	1421.2	1451.9
10°	1330.6	1332.4	1342.6	1340.9	1342.6	1332.4	1330.6	1327.2	1322.1	1327.2	1346.0
12.5°	1422.9	1438.3	1494.6	1491.2	1494.6	1438.3	1422.9	1354.6	1308.4	1299.9	1303.3
15°	1528.8	1533.9	1545.9	1547.6	1545.9	1533.9	1528.8	1501.5	1363.1	1303.3	1284.5
17.5°	1539.1	1540.8	1549.3	1549.3	1549.3	1540.8	1539.1	1527.1	1481.0	1400.7	1294.8
20°	1530.5	1533.9	1551.0	1554.4	1551.0	1533.9	1530.5	1515.1	1489.5	1460.5	1380.2
22.5°	1527.1	1533.9	1547.6	1545.9	1547.6	1533.9	1527.1	1503.2	1481.0	1460.5	1428.0
25°	1510.0	1510.0	1511.7	1513.4	1511.7	1510.0	1510.0	1491.2	1446.8	1441.7	1422.9
27.5°	1474.1	1477.6	1487.8	1486.1	1487.8	1477.6	1474.1	1467.3	1419.5	1414.4	1400.7
30°	1441.7	1438.3	1429.7	1422.9	1429.7	1438.3	1441.7	1431.4	1383.6	1369.9	1373.4
32.5°	1387.0	1378.5	1369.9	1364.8	1369.9	1378.5	1387.0	1383.6	1347.7	1328.9	1332.4
35°	1322.1	1323.8	1322.1	1317.0	1322.1	1323.8	1322.1	1325.5	1303.3	1286.2	1284.5
37.5°	1276.0	1279.4	1277.7	1270.9	1277.7	1279.4	1276.0	1272.6	1241.8	1236.7	1240.1
40°	1228.2	1229.9	1228.2	1223.0	1228.2	1229.9	1228.2	1221.3	1178.6	1180.3	1192.3
42.5°	1182.0	1180.3	1175.2	1171.8	1175.2	1180.3	1182.0	1171.8	1117.1	1112.0	1134.2
45°	1129.1	1130.8	1120.5	1115.4	1120.5	1130.8	1129.1	1122.2	1065.9	1052.2	1067.6
47.5°	1076.1	1076.1	1067.6	1062.4	1067.6	1076.1	1076.1	1067.6	1007.9	994.2	1002.7
50°	1019.7	1018.1	1006.2	1004.5	1006.2	1018.1	1019.7	1014.7	951.5	939.5	939.5
52.5°	954.9	954.9	956.6	960.0	956.6	954.9	954.9	956.6	900.3	888.3	884.9
55°	898.5	900.3	912.2	915.6	912.2	900.3	898.5	898.5	847.3	835.3	828.5
57.5°	840.5	840.5	849.0	849.0	849.0	840.5	840.5	837.0	787.5	777.3	773.8
60°	773.8	777.3	784.1	782.4	784.1	777.3	773.8	770.4	727.7	720.9	708.9
62.5°	703.8	707.2	708.9	705.5	708.9	707.2	703.8	693.6	667.9	662.8	647.4
65°	630.3	633.8	635.5	632.1	635.5	633.8	630.3	625.2	606.4	597.9	584.2
67.5°	555.2	553.5	551.8	558.6	551.8	553.5	555.2	548.4	536.4	529.6	510.8
70°	478.3	478.3	476.6	480.0	476.6	478.3	478.3	473.2	466.4	461.2	444.1
72.5°	396.3	394.6	401.4	396.3	401.4	394.6	396.3	394.6	391.2	386.1	369.0
75°	316.0	319.4	316.0	321.2	316.0	319.4	316.0	317.7	316.0	312.6	300.7
77.5°	240.9	244.3	240.9	240.9	240.9	244.3	240.9	242.6	242.6	242.6	232.3
80°	170.8	169.1	169.1	167.4	169.1	169.1	170.8	170.8	172.5	169.1	165.7
82.5°	109.3	107.6	107.6	111.0	107.6	107.6	109.3	111.0	107.6	107.6	107.6
85°	59.8	61.5	58.1	58.1	58.1	61.5	59.8	56.4	59.8	59.8	58.1
87.5°	22.2	20.5	20.5	20.5	20.5	20.5	22.2	23.9	23.9	23.9	25.6
90°	33.6	33.6	33.6	33.6	33.6	33.6	33.6	44.8	59.7	67.2	57.8
92.5°	168.0	161.3	134.6	107.9	134.6	161.3	168.0	238.2	331.7	378.5	332.3
95°	570.5	550.2	469.3	388.3	469.3	550.2	570.5	749.2	987.4	1106.4	934.5
97.5°	1317.0	1278.5	1124.4	970.3	1124.4	1278.5	1317.0	1429.9	1580.5	1655.7	1369.0
100°	1849.4	1803.6	1619.9	1436.4	1619.9	1803.6	1849.4	1841.2	1830.1	1824.7	1506.4
102.5°	2304.0	2264.7	2107.5	1950.2	2107.5	2264.7	2304.0	2160.2	1968.3	1872.4	1549.7
105°	2834.7	2813.6	2729.0	2644.6	2729.0	2813.6	2834.7	2512.2	2082.1	1867.1	1554.6
107.5°	3110.6	3115.8	3136.2	3156.6	3136.2	3115.8	3110.6	2660.8	2060.9	1761.0	1485.4
110°	3181.4	3203.4	3291.5	3379.5	3291.5	3203.4	3181.4	2678.5	2007.9	1672.6	1424.1



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3136.3	3170.1	3305.3	3440.5	3305.3	3170.1	3136.3	2621.5	1935.2	1592.0	1370.5
115°	2983.3	3030.2	3217.7	3405.2	3217.7	3030.2	2983.3	2487.4	1826.2	1495.7	1309.1
117.5°	2771.9	2823.9	3031.8	3239.8	3031.8	2823.9	2771.9	2324.3	1727.6	1429.3	1270.7
120°	2629.5	2680.0	2882.1	3084.1	2882.1	2680.0	2629.5	2220.6	1675.4	1402.7	1257.7
122.5°	2487.1	2536.9	2736.3	2935.6	2736.3	2536.9	2487.1	2118.9	1627.9	1382.4	1250.9
125°	2298.7	2344.6	2528.2	2711.8	2528.2	2344.6	2298.7	1985.9	1568.9	1360.3	1245.3
127.5°	2147.4	2186.1	2341.1	2495.9	2341.1	2186.1	2147.4	1878.9	1520.8	1341.7	1242.1
130°	2052.0	2087.7	2230.8	2373.9	2230.8	2087.7	2052.0	1812.9	1494.0	1334.7	1244.0
132.5°	1970.6	2002.6	2130.8	2258.9	2130.8	2002.6	1970.6	1756.5	1471.2	1328.4	1245.3
135°	1855.6	1883.2	1993.7	2104.1	1993.7	1883.2	1855.6	1676.3	1437.3	1317.8	1244.1
137.5°	1770.7	1793.3	1883.7	1974.1	1883.7	1793.3	1770.7	1619.2	1417.1	1316.0	1251.8
140°	1702.6	1723.7	1808.3	1892.7	1808.3	1723.7	1702.6	1571.7	1397.2	1309.9	1253.1
142.5°	1654.8	1673.0	1745.7	1818.4	1745.7	1673.0	1654.8	1539.8	1386.5	1309.9	1257.6
145°	1583.2	1597.0	1652.0	1707.0	1652.0	1597.0	1583.2	1489.2	1363.7	1301.0	1257.6
147.5°	1523.1	1534.4	1580.1	1625.7	1580.1	1534.4	1523.1	1449.0	1350.4	1301.0	1266.2
150°	1488.6	1497.8	1534.8	1571.7	1534.8	1497.8	1488.6	1426.1	1342.7	1301.0	1270.8
152.5°	1461.2	1468.2	1496.0	1523.9	1496.0	1468.2	1461.2	1407.8	1336.6	1301.0	1273.7
155°	1428.4	1433.1	1451.5	1470.0	1451.5	1433.1	1428.4	1386.0	1329.4	1301.0	1280.2
157.5°	1400.1	1403.3	1416.3	1429.3	1416.3	1403.3	1400.1	1367.0	1323.0	1301.0	1286.7
160°	1385.9	1387.8	1395.2	1402.7	1395.2	1387.8	1385.9	1357.6	1319.9	1301.0	1289.6
162.5°	1372.7	1374.5	1381.6	1388.6	1381.6	1374.5	1372.7	1348.8	1316.9	1301.0	1292.7
165°	1352.3	1354.2	1361.7	1369.2	1361.7	1354.2	1352.3	1335.3	1312.5	1301.0	1297.2
167.5°	1343.5	1344.2	1347.4	1350.5	1347.4	1344.2	1343.5	1332.3	1317.3	1309.9	1306.7
170°	1343.5	1343.5	1343.5	1343.5	1343.5	1343.5	1343.5	1332.3	1317.3	1309.9	1309.7
172.5°	1336.5	1335.8	1333.0	1330.2	1333.0	1335.8	1336.5	1327.6	1315.8	1309.9	1309.9
175°	1326.7	1326.7	1326.7	1326.7	1326.7	1326.7	1326.7	1321.1	1313.6	1309.9	1311.7
177.5°	1324.9	1324.2	1321.0	1317.8	1321.0	1324.2	1324.9	1320.5	1314.6	1311.7	1313.1
180°	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1805.5	1805.5	1805.5	1805.5	1805.5
2.5°	1783.3	1791.9	1797.0	1803.8	1820.9
5°	1715.0	1747.5	1757.7	1783.3	1814.1
7.5°	1564.7	1663.8	1691.1	1752.6	1800.4
10°	1419.5	1518.6	1566.4	1711.6	1783.3
12.5°	1346.0	1404.1	1436.6	1639.8	1759.4
15°	1299.9	1340.9	1364.8	1544.2	1732.1
17.5°	1264.0	1293.1	1310.1	1450.2	1694.5
20°	1241.8	1255.5	1270.9	1381.9	1651.8
22.5°	1226.4	1217.9	1229.9	1334.1	1593.7
25°	1216.2	1183.7	1197.4	1296.5	1525.4
27.5°	1224.7	1153.0	1158.1	1262.3	1453.6
30°	1226.4	1115.4	1117.1	1226.4	1373.4
32.5°	1214.5	1076.1	1077.8	1182.0	1282.8
35°	1185.4	1030.0	1028.3	1130.8	1159.8
37.5°	1146.2	980.5	980.5	1074.4	1024.9
40°	1098.3	931.0	936.1	1001.0	905.4
42.5°	1040.2	878.0	884.9	903.7	816.5
45°	977.1	826.8	831.9	763.6	748.2
47.5°	907.1	773.8	775.5	633.8	726.0
50°	823.4	719.2	712.3	543.2	724.3
52.5°	749.9	659.4	638.9	492.0	657.7
55°	678.2	596.2	551.8	452.7	609.8
57.5°	615.0	514.2	471.5	406.6	599.6
60°	556.9	433.9	401.4	357.0	550.1
62.5°	509.1	374.1	367.3	322.9	498.8
65°	457.8	333.1	331.4	293.8	423.6
67.5°	408.3	305.8	304.1	266.5	322.9
70°	355.3	276.7	273.3	237.4	239.2
72.5°	300.7	244.3	240.9	213.5	198.2
75°	246.0	206.7	205.0	186.2	160.6
77.5°	193.0	164.0	167.4	150.3	117.9
80°	138.4	119.6	123.0	107.6	88.8
82.5°	92.2	78.6	82.0	68.3	59.8
85°	51.2	44.4	46.1	35.9	27.3
87.5°	23.9	20.5	20.5	13.7	8.5
90°	38.9	24.8	23.0	16.0	8.9
92.5°	240.0	170.7	155.7	95.5	35.4
95°	590.5	332.6	305.1	195.0	84.9
97.5°	795.4	365.3	341.1	243.9	146.8
100°	870.0	392.7	370.7	282.6	194.6
102.5°	904.3	420.1	399.6	317.4	235.2
105°	929.5	460.8	443.4	373.9	304.2
107.5°	934.2	520.9	504.7	439.9	375.0
110°	927.2	554.6	540.0	481.4	422.8



TEST NUMBER: P935543

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-2700K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	927.5	595.2	581.3	525.5	469.7
115°	936.0	656.2	643.3	591.9	540.4
117.5°	953.5	715.5	703.8	657.1	610.3
120°	967.6	750.0	739.0	695.0	650.9
122.5°	987.9	790.7	779.6	735.1	690.7
125°	1015.3	842.9	832.8	792.3	751.8
127.5°	1042.8	893.3	883.1	842.3	801.3
130°	1062.8	926.9	915.9	871.9	827.8
132.5°	1079.0	954.3	943.3	899.3	855.2
135°	1096.7	986.2	976.2	936.0	896.0
137.5°	1123.3	1026.8	1016.9	977.2	937.5
140°	1139.5	1054.3	1045.1	1008.6	972.0
142.5°	1153.0	1074.6	1066.1	1032.4	998.6
145°	1170.8	1105.6	1098.2	1068.7	1039.2
147.5°	1196.7	1144.5	1137.4	1108.7	1080.0
150°	1210.2	1164.9	1158.4	1132.4	1106.4
152.5°	1219.1	1178.1	1173.1	1153.5	1133.9
155°	1238.6	1207.3	1203.6	1189.1	1174.6
157.5°	1258.0	1236.4	1232.9	1218.8	1204.7
160°	1266.8	1249.8	1247.0	1236.0	1225.0
162.5°	1276.2	1263.9	1261.8	1253.5	1245.3
165°	1289.8	1284.3	1282.4	1275.0	1267.4
167.5°	1300.4	1295.7	1294.9	1291.3	1287.8
170°	1309.3	1309.0	1308.2	1304.6	1301.0
172.5°	1309.9	1309.9	1309.7	1308.9	1308.1
175°	1315.2	1317.8	1317.8	1317.8	1317.8
177.5°	1315.8	1317.8	1317.8	1317.8	1317.8
180°	1317.8	1317.8	1317.8	1317.8	1317.8



TEST NUMBER: P935543  
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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	10.67	11.41	11.74	12.49	13.95	13.51	14.25	14.58	15.33	16.79
	3H	11.14	11.80	12.22	12.89	14.37	14.85	15.51	15.93	16.60	18.08
	4H	11.32	11.96	12.42	13.04	14.53	15.29	15.92	16.38	17.00	18.49
	6H	11.44	12.02	12.54	13.11	14.61	15.57	16.15	16.67	17.24	18.74
	8H	11.43	11.99	12.54	13.09	14.59	15.64	16.19	16.75	17.30	18.79
	12H	11.40	11.93	12.51	13.02	14.54	15.68	16.20	16.79	17.30	18.82
4H	2H	11.69	12.32	12.79	13.41	14.90	13.90	14.53	15.00	15.62	17.11
	3H	12.71	13.23	13.81	14.34	15.85	15.40	15.93	16.51	17.04	18.54
	4H	12.98	13.46	14.09	14.56	16.08	15.92	16.41	17.04	17.51	19.03
	6H	13.10	13.51	14.21	14.63	16.15	16.28	16.70	17.40	17.82	19.34
	8H	13.10	13.49	14.22	14.60	16.13	16.39	16.78	17.51	17.89	19.42
	12H	13.06	13.41	14.20	14.54	16.08	16.44	16.79	17.58	17.92	19.46
8H	4H	13.42	13.81	14.54	14.93	16.46	16.04	16.43	17.16	17.54	19.07
	6H	13.68	14.00	14.82	15.16	16.68	16.47	16.79	17.61	17.95	19.48
	8H	13.72	14.00	14.87	15.14	16.69	16.62	16.90	17.77	18.04	19.59
	12H	13.70	13.94	14.85	15.08	16.66	16.72	16.96	17.87	18.10	19.68
12H	4H	13.42	13.77	14.56	14.90	16.44	16.00	16.35	17.13	17.48	19.01
	6H	13.74	14.02	14.89	15.16	16.71	16.47	16.75	17.61	17.89	19.43
	8H	13.80	14.05	14.95	15.18	16.77	16.63	16.87	17.78	18.01	19.59