

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: P935642

Luminaire Tested: SQ4-FA-125U-100D-92765-1D-UNV-STD-W-6-6500K

Issue Date: 12/17/2024

**Test Information**

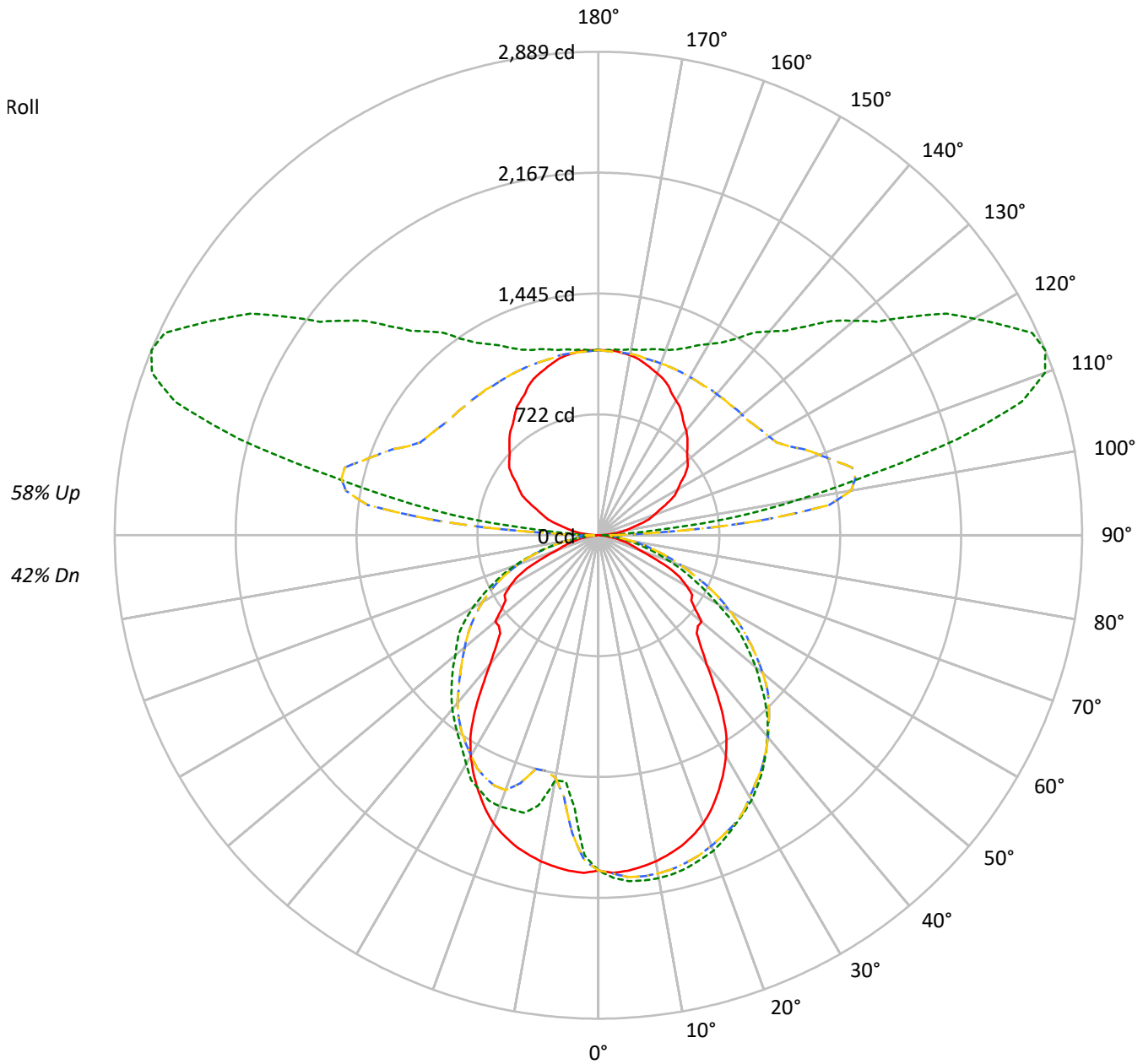
Test Method: LM-79-2019  
Report Number: P935642  
REPORT IS A COMBINATION OF REPORTS P933763 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-100D-92765-1D-UNV-STD-W-6-6500K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12370.2 lumens  
Efficiency: N/A  
Efficacy: 128.1 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: General Diffuse  
  
Input Watts (W): 96.6  
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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### 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	0
RCR																		
0	105	105	105	105	96	96	96	96	79	79	79	63	63	63	49	49	49	42
1	96	92	88	85	88	84	81	78	69	67	65	56	54	53	43	42	41	35
2	87	80	74	69	80	73	68	64	61	57	54	49	46	44	38	36	35	30
3	80	70	63	57	72	65	58	53	53	49	45	43	40	37	34	31	30	25
4	73	62	54	49	66	57	50	45	47	42	38	38	35	32	30	28	25	22
5	67	55	47	41	61	51	44	39	42	37	33	34	31	27	27	24	22	19
6	62	50	42	36	56	46	39	33	38	33	29	31	27	24	24	22	19	16
7	57	45	37	31	52	41	34	29	34	29	25	28	24	21	22	19	17	15
8	53	40	33	28	48	37	31	26	31	26	22	26	22	19	20	18	15	13
9	49	37	30	25	45	34	27	23	29	24	20	24	20	17	19	16	14	12
10	46	34	27	22	42	31	25	21	26	21	18	22	18	15	17	15	13	11

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

	0°	90°	180°	270°
0°	12390	12390	12390	12390
5°	12478	12507	12478	9835
10°	12390	12320	12390	8808
15°	12251	12053	12251	10064
20°	11990	11737	11990	10086
25°	11461	11276	11461	9872
30°	10779	10893	10779	9403
35°	9605	10408	9605	8887
40°	7998	9838	7998	8497
45°	7142	9171	7142	8049
50°	7581	8375	7581	7600
55°	7127	7517	7127	7340
60°	7337	6384	7337	6722
65°	6642	5278	6642	5900
70°	4587	4206	4587	4945
75°	4008	3109	4008	3724
80°	3206	2056	3206	2238
85°	1806	1089	1806	925

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 10953 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	180.8	1.5
10°-20°	513.3	4.1
20°-30°	793.5	6.4
30°-40°	947.3	7.7
40°-50°	952.8	7.7
50°-60°	829.1	6.7
60°-70°	587.8	4.8
70°-80°	311.0	2.5
80°-90°	81.7	0.7
90°-100°	539.4	4.4
100°-110°	1418.0	11.5
110°-120°	1470.3	11.9
120°-130°	1179.4	9.5
130°-140°	925.4	7.5
140°-150°	710.3	5.7
150°-160°	511.5	4.1
160°-170°	313.0	2.5
170°-180°	105.7	0.9
0°-30°	1487.6	12.0
0°-40°	2434.9	19.7
0°-60°	4216.8	34.1
0°-90°	5197.3	42.0
90°-120°	3427.7	27.7
90°-150°	6242.7	50.5
90°-180°	7173.0	58.0
0°-180°	12370.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2003	2003	2003	2003	2003	
5°	2012	2075	2012	1632	2012	191
15°	1921	2056	1921	1717	1921	541
25°	1692	1918	1692	1679	1692	777
35°	1287	1711	1287	1461	1287	796
45°	830	1410	830	1237	830	665
55°	676	1040	676	1016	676	622
65°	470	627	470	701	470	449
75°	178	298	178	356	178	187
85°	30	76	30	64	30	41
90°	8	28	8	28	8	7
95°	71	326	71	326	71	79
105°	256	2220	256	2220	256	271
115°	454	2859	454	2859	454	448
125°	631	2277	631	2277	631	560
135°	752	1767	752	1767	752	582
145°	872	1433	872	1433	872	547
155°	986	1234	986	1234	986	453
165°	1064	1150	1064	1150	1064	300
175°	1106	1114	1106	1114	1106	105
180°	1106	1106	1106	1106	1106	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8
2.5°	2020.0	2020.0	2031.3	2035.1	2035.1	2029.4	2023.7	2029.4	2046.4	2052.2	2050.3
5°	2012.3	2027.5	2048.4	2052.2	2055.9	2054.0	2050.3	2054.0	2072.9	2076.8	2078.7
7.5°	1997.2	2025.6	2052.2	2057.8	2063.5	2057.8	2055.9	2059.7	2078.7	2082.5	2082.5
10°	1978.3	2018.0	2048.4	2052.2	2057.8	2052.2	2052.2	2059.7	2078.7	2082.5	2084.3
12.5°	1951.7	2006.7	2035.1	2038.9	2046.4	2044.5	2042.6	2050.3	2069.2	2072.9	2072.9
15°	1921.4	1985.8	2012.3	2016.1	2029.4	2025.6	2025.6	2033.2	2054.0	2059.7	2057.8
17.5°	1879.7	1959.2	1989.6	1995.3	2004.8	2002.8	2004.8	2012.3	2031.3	2035.1	2037.0
20°	1832.4	1923.3	1959.2	1965.0	1974.4	1974.4	1974.4	1983.9	2002.8	2010.5	2010.5
22.5°	1767.9	1885.4	1923.3	1927.1	1938.5	1938.5	1942.2	1955.5	1972.5	1974.4	1974.4
25°	1692.1	1843.7	1876.0	1887.2	1898.6	1904.4	1910.0	1917.6	1923.3	1921.4	1923.3
27.5°	1612.5	1790.7	1832.4	1839.9	1855.1	1860.8	1868.3	1870.2	1872.1	1877.8	1874.0
30°	1523.5	1716.7	1779.3	1786.8	1811.5	1815.2	1807.7	1811.5	1821.0	1824.8	1828.5
32.5°	1423.0	1606.9	1724.3	1741.4	1764.1	1752.7	1750.9	1756.5	1771.7	1771.7	1775.5
35°	1286.7	1521.6	1673.1	1688.3	1705.4	1692.1	1699.7	1701.5	1711.0	1716.7	1714.8
37.5°	1136.9	1447.7	1620.1	1631.5	1644.7	1627.7	1639.0	1644.7	1652.3	1648.6	1648.6
40°	1004.3	1332.1	1557.5	1565.2	1576.6	1563.3	1574.7	1578.4	1582.2	1578.4	1576.6
42.5°	905.7	1205.1	1491.3	1500.7	1493.2	1502.7	1506.4	1514.0	1508.3	1500.7	1500.7
45°	830.0	1171.0	1419.3	1430.7	1419.3	1434.4	1440.1	1440.1	1423.0	1419.3	1417.4
47.5°	805.3	1102.8	1347.3	1347.3	1341.5	1360.5	1369.9	1356.7	1339.6	1334.0	1334.0
50°	803.4	1027.0	1248.7	1241.1	1267.6	1290.4	1280.9	1267.6	1254.4	1233.6	1233.6
52.5°	729.5	934.2	1121.7	1150.2	1191.9	1205.1	1190.0	1176.7	1153.9	1144.5	1136.9
55°	676.5	837.5	1006.2	1063.0	1106.6	1123.6	1095.2	1081.9	1047.9	1042.2	1038.4
57.5°	665.1	697.4	900.1	972.1	1025.1	1023.2	1006.2	981.5	953.1	947.4	945.6
60°	610.1	504.0	786.4	871.7	926.6	920.9	905.7	883.0	856.5	852.7	848.9
62.5°	553.3	365.7	657.5	754.1	831.9	830.0	816.7	782.5	763.6	754.1	746.6
65°	470.0	306.9	468.1	627.2	739.0	742.8	714.4	689.7	668.9	657.5	655.7
67.5°	358.1	250.1	316.4	522.9	649.9	646.2	610.1	598.8	572.3	566.5	555.2
70°	265.2	166.8	219.8	424.5	562.8	553.3	524.9	511.7	487.0	473.7	466.1
72.5°	219.8	134.5	161.0	329.7	473.7	462.3	437.7	422.5	401.7	390.3	382.8
75°	178.1	142.1	123.2	244.4	384.7	377.1	354.4	339.2	322.1	306.9	308.9
77.5°	130.7	132.6	98.5	180.1	305.0	293.7	280.5	261.5	253.9	238.8	238.8
80°	98.5	104.2	73.9	123.2	219.8	219.8	208.5	195.2	181.9	174.3	174.3
82.5°	66.4	66.4	55.0	77.6	149.7	144.0	136.4	132.6	125.1	121.2	121.2
85°	30.3	37.9	34.1	47.3	81.5	85.3	85.3	81.5	79.6	75.8	77.6
87.5°	9.5	17.0	20.8	26.5	41.7	43.6	45.5	45.5	45.5	47.3	47.3
90°	7.5	13.4	19.3	20.7	32.6	48.5	56.4	50.1	37.6	28.2	28.2
92.5°	29.7	80.2	130.7	143.3	201.5	279.0	317.8	278.5	200.0	141.1	135.5
95°	71.3	163.7	256.1	279.2	495.8	784.7	929.0	829.0	629.0	479.0	461.9
97.5°	123.3	204.7	286.3	306.7	667.8	1149.4	1390.2	1327.0	1200.6	1105.7	1073.4
100°	163.4	237.3	311.2	329.7	730.4	1264.9	1532.0	1536.6	1545.9	1552.8	1514.2
102.5°	197.5	266.5	335.5	352.7	759.2	1301.1	1572.1	1652.6	1813.7	1934.5	1901.5
105°	255.5	313.9	372.2	386.9	780.4	1305.3	1567.7	1748.2	2109.3	2380.1	2362.3
107.5°	314.9	369.3	423.8	437.4	784.5	1247.2	1478.6	1730.4	2234.0	2611.7	2616.0
110°	354.9	404.1	453.2	465.6	778.4	1195.6	1404.3	1685.8	2248.9	2671.2	2689.7



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	394.3	441.2	488.0	499.8	778.7	1150.7	1336.7	1624.8	2201.1	2633.3	2661.7
115°	453.7	496.9	540.2	551.1	786.0	1099.1	1255.8	1533.4	2088.5	2504.8	2544.2
117.5°	512.4	551.7	590.9	600.8	800.5	1066.8	1200.0	1450.5	1951.6	2327.4	2371.0
120°	546.6	583.6	620.5	629.7	812.4	1055.9	1177.7	1406.7	1864.4	2207.8	2250.2
122.5°	580.0	617.3	654.6	663.9	829.5	1050.3	1160.7	1366.9	1779.1	2088.2	2130.0
125°	631.2	665.2	699.2	707.7	852.5	1045.6	1142.2	1317.3	1667.4	1930.1	1968.6
127.5°	672.8	707.1	741.4	750.0	875.6	1042.9	1126.6	1276.9	1577.6	1803.1	1835.6
130°	695.1	732.1	769.0	778.2	892.3	1044.4	1120.6	1254.4	1522.1	1722.9	1752.9
132.5°	718.1	755.1	792.0	801.3	906.0	1045.6	1115.4	1235.2	1474.8	1654.5	1681.4
135°	752.2	785.9	819.6	828.0	920.8	1044.6	1106.5	1206.8	1407.5	1558.0	1581.2
137.5°	787.1	820.5	853.9	862.2	943.1	1051.0	1105.0	1189.8	1359.4	1486.7	1505.6
140°	816.1	846.8	877.5	885.1	956.7	1052.1	1099.8	1173.1	1319.6	1429.5	1447.3
142.5°	838.4	866.8	895.2	902.3	968.1	1055.9	1099.8	1164.2	1292.9	1389.4	1404.7
145°	872.5	897.3	922.1	928.3	983.0	1055.9	1092.4	1145.0	1250.3	1329.3	1340.9
147.5°	906.8	930.9	954.9	961.0	1004.8	1063.2	1092.4	1133.8	1216.7	1278.8	1288.4
150°	929.0	950.8	972.5	978.0	1016.1	1066.9	1092.4	1127.4	1197.3	1249.8	1257.6
152.5°	952.0	968.5	985.1	989.2	1023.6	1069.4	1092.4	1122.2	1182.0	1226.8	1232.6
155°	986.2	998.5	1010.6	1013.7	1039.9	1074.9	1092.4	1116.2	1163.7	1199.4	1203.3
157.5°	1011.5	1023.3	1035.2	1038.1	1056.2	1080.3	1092.4	1110.8	1147.8	1175.5	1178.2
160°	1028.5	1037.8	1047.0	1049.3	1063.7	1082.8	1092.4	1108.2	1139.9	1163.7	1165.2
162.5°	1045.6	1052.5	1059.5	1061.2	1071.6	1085.5	1092.4	1105.7	1132.4	1152.5	1154.0
165°	1064.1	1070.5	1076.8	1078.3	1083.0	1089.2	1092.4	1101.9	1121.1	1135.5	1137.0
167.5°	1081.3	1084.2	1087.2	1088.0	1091.9	1097.1	1099.8	1106.1	1118.7	1128.0	1128.7
170°	1092.4	1095.3	1098.3	1099.0	1099.3	1099.6	1099.8	1106.1	1118.7	1128.0	1128.0
172.5°	1098.3	1099.0	1099.6	1099.8	1099.8	1099.8	1099.8	1104.8	1114.6	1122.1	1121.5
175°	1106.5	1106.5	1106.5	1106.5	1104.3	1101.3	1099.8	1103.0	1109.3	1114.0	1114.0
177.5°	1106.5	1106.5	1106.5	1106.5	1104.8	1102.4	1101.2	1103.7	1108.7	1112.4	1111.8
180°	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8
2.5°	2054.0	2048.4	2054.0	2050.3	2052.2	2046.4	2029.4	2023.7	2029.4	2035.1	2035.1
5°	2078.7	2074.8	2078.7	2078.7	2076.8	2072.9	2054.0	2050.3	2054.0	2055.9	2052.2
7.5°	2086.2	2080.6	2086.2	2082.5	2082.5	2078.7	2059.7	2055.9	2057.8	2063.5	2057.8
10°	2086.2	2080.6	2086.2	2084.3	2082.5	2078.7	2059.7	2052.2	2052.2	2057.8	2052.2
12.5°	2076.8	2072.9	2076.8	2072.9	2072.9	2069.2	2050.3	2042.6	2044.5	2046.4	2038.9
15°	2061.6	2055.9	2061.6	2057.8	2059.7	2054.0	2033.2	2025.6	2025.6	2029.4	2016.1
17.5°	2038.9	2031.3	2038.9	2037.0	2035.1	2031.3	2012.3	2004.8	2002.8	2004.8	1995.3
20°	2012.3	2006.7	2012.3	2010.5	2010.5	2002.8	1983.9	1974.4	1974.4	1974.4	1965.0
22.5°	1970.6	1965.0	1970.6	1974.4	1974.4	1972.5	1955.5	1942.2	1938.5	1938.5	1927.1
25°	1923.3	1917.6	1923.3	1923.3	1921.4	1923.3	1917.6	1910.0	1904.4	1898.6	1887.2
27.5°	1877.8	1874.0	1877.8	1874.0	1877.8	1872.1	1870.2	1868.3	1860.8	1855.1	1839.9
30°	1832.4	1828.5	1832.4	1828.5	1824.8	1821.0	1811.5	1807.7	1815.2	1811.5	1786.8
32.5°	1775.5	1771.7	1775.5	1775.5	1771.7	1771.7	1756.5	1750.9	1752.7	1764.1	1741.4
35°	1716.7	1711.0	1716.7	1714.8	1716.7	1711.0	1701.5	1699.7	1692.1	1705.4	1688.3
37.5°	1648.6	1642.8	1648.6	1648.6	1648.6	1652.3	1644.7	1639.0	1627.7	1644.7	1631.5
40°	1578.4	1570.8	1578.4	1576.6	1578.4	1582.2	1578.4	1574.7	1563.3	1576.6	1565.2
42.5°	1498.8	1496.9	1498.8	1500.7	1500.7	1508.3	1514.0	1506.4	1502.7	1493.2	1500.7
45°	1413.5	1409.8	1413.5	1417.4	1419.3	1423.0	1440.1	1440.1	1434.4	1419.3	1430.7
47.5°	1322.6	1313.1	1322.6	1334.0	1334.0	1339.6	1356.7	1369.9	1360.5	1341.5	1347.3
50°	1225.9	1227.8	1225.9	1233.6	1233.6	1254.4	1267.6	1280.9	1290.4	1267.6	1241.1
52.5°	1131.3	1129.4	1131.3	1136.9	1144.5	1153.9	1176.7	1190.0	1205.1	1191.9	1150.2
55°	1036.5	1040.2	1036.5	1038.4	1042.2	1047.9	1081.9	1095.2	1123.6	1106.6	1063.0
57.5°	941.8	936.0	941.8	945.6	947.4	953.1	981.5	1006.2	1023.2	1025.1	972.1
60°	831.9	824.2	831.9	848.9	852.7	856.5	883.0	905.7	920.9	926.6	871.7
62.5°	735.2	721.9	735.2	746.6	754.1	763.6	782.5	816.7	830.0	831.9	754.1
65°	632.9	627.2	632.9	655.7	657.5	668.9	689.7	714.4	742.8	739.0	627.2
67.5°	540.1	540.1	540.1	555.2	566.5	572.3	598.8	610.1	646.2	649.9	522.9
70°	454.8	452.9	454.8	466.1	473.7	487.0	511.7	524.9	553.3	562.8	424.5
72.5°	373.3	371.4	373.3	382.8	390.3	401.7	422.5	437.7	462.3	473.7	329.7
75°	301.3	297.5	301.3	308.9	306.9	322.1	339.2	354.4	377.1	384.7	244.4
77.5°	231.2	231.2	231.2	238.8	238.8	253.9	261.5	280.5	293.7	305.0	180.1
80°	172.4	170.6	172.4	174.3	174.3	181.9	195.2	208.5	219.8	219.8	123.2
82.5°	121.2	117.5	121.2	121.2	121.2	125.1	132.6	136.4	144.0	149.7	77.6
85°	75.8	75.8	75.8	77.6	75.8	79.6	81.5	85.3	85.3	81.5	47.3
87.5°	49.2	47.3	49.2	47.3	47.3	45.5	45.5	45.5	43.6	41.7	26.5
90°	28.2	28.2	28.2	28.2	28.2	37.6	50.1	56.4	48.5	32.6	20.7
92.5°	113.0	90.6	113.0	135.5	141.1	200.0	278.5	317.8	279.0	201.5	143.3
95°	394.0	326.0	394.0	461.9	479.0	629.0	829.0	929.0	784.7	495.8	279.2
97.5°	944.0	814.7	944.0	1073.4	1105.7	1200.6	1327.0	1390.2	1149.4	667.8	306.7
100°	1360.2	1206.0	1360.2	1514.2	1552.8	1545.9	1536.6	1532.0	1264.9	730.4	329.7
102.5°	1769.4	1637.5	1769.4	1901.5	1934.5	1813.7	1652.6	1572.1	1301.1	759.2	352.7
105°	2291.3	2220.4	2291.3	2362.3	2380.1	2109.3	1748.2	1567.7	1305.3	780.4	386.9
107.5°	2633.2	2650.4	2633.2	2616.0	2611.7	2234.0	1730.4	1478.6	1247.2	784.5	437.4
110°	2763.6	2837.5	2763.6	2689.7	2671.2	2248.9	1685.8	1404.3	1195.6	778.4	465.6





TEST NUMBER: P935642

CATALOG NUMBER: SQ4-FA-125U-100D-92765-1D-UNV-STD-W-6-6500K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2775.2	2888.8	2775.2	2661.7	2633.3	2201.1	1624.8	1336.7	1150.7	778.7	499.8
115°	2701.6	2859.0	2701.6	2544.2	2504.8	2088.5	1533.4	1255.8	1099.1	786.0	551.1
117.5°	2545.6	2720.2	2545.6	2371.0	2327.4	1951.6	1450.5	1200.0	1066.8	800.5	600.8
120°	2419.8	2589.5	2419.8	2250.2	2207.8	1864.4	1406.7	1177.7	1055.9	812.4	629.7
122.5°	2297.3	2464.7	2297.3	2130.0	2088.2	1779.1	1366.9	1160.7	1050.3	829.5	663.9
125°	2122.7	2276.9	2122.7	1968.6	1930.1	1667.4	1317.3	1142.2	1045.6	852.5	707.7
127.5°	1965.6	2095.7	1965.6	1835.6	1803.1	1577.6	1276.9	1126.6	1042.9	875.6	750.0
130°	1873.1	1993.2	1873.1	1752.9	1722.9	1522.1	1254.4	1120.6	1044.4	892.3	778.2
132.5°	1789.0	1896.6	1789.0	1681.4	1654.5	1474.8	1235.2	1115.4	1045.6	906.0	801.3
135°	1673.9	1766.7	1673.9	1581.2	1558.0	1407.5	1206.8	1106.5	1044.6	920.8	828.0
137.5°	1581.5	1657.5	1581.5	1505.6	1486.7	1359.4	1189.8	1105.0	1051.0	943.1	862.2
140°	1518.2	1589.2	1518.2	1447.3	1429.5	1319.6	1173.1	1099.8	1052.1	956.7	885.1
142.5°	1465.7	1526.8	1465.7	1404.7	1389.4	1292.9	1164.2	1099.8	1055.9	968.1	902.3
145°	1387.1	1433.2	1387.1	1340.9	1329.3	1250.3	1145.0	1092.4	1055.9	983.0	928.3
147.5°	1326.7	1365.0	1326.7	1288.4	1278.8	1216.7	1133.8	1092.4	1063.2	1004.8	961.0
150°	1288.7	1319.6	1288.7	1257.6	1249.8	1197.3	1127.4	1092.4	1066.9	1016.1	978.0
152.5°	1256.1	1279.5	1256.1	1232.6	1226.8	1182.0	1122.2	1092.4	1069.4	1023.6	989.2
155°	1218.8	1234.3	1218.8	1203.3	1199.4	1163.7	1116.2	1092.4	1074.9	1039.9	1013.7
157.5°	1189.1	1200.0	1189.1	1178.2	1175.5	1147.8	1110.8	1092.4	1080.3	1056.2	1038.1
160°	1171.5	1177.7	1171.5	1165.2	1163.7	1139.9	1108.2	1092.4	1082.8	1063.7	1049.3
162.5°	1160.0	1165.9	1160.0	1154.0	1152.5	1132.4	1105.7	1092.4	1085.5	1071.6	1061.2
165°	1143.3	1149.5	1143.3	1137.0	1135.5	1121.1	1101.9	1092.4	1089.2	1083.0	1078.3
167.5°	1131.3	1133.9	1131.3	1128.7	1128.0	1118.7	1106.1	1099.8	1097.1	1091.9	1088.0
170°	1128.0	1128.0	1128.0	1128.0	1128.0	1118.7	1106.1	1099.8	1099.6	1099.3	1099.0
172.5°	1119.2	1116.9	1119.2	1121.5	1122.1	1114.6	1104.8	1099.8	1099.8	1099.8	1099.8
175°	1114.0	1114.0	1114.0	1114.0	1114.0	1109.3	1103.0	1099.8	1101.3	1104.3	1106.5
177.5°	1109.2	1106.5	1109.2	1111.8	1112.4	1108.7	1103.7	1101.2	1102.4	1104.8	1106.5
180°	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5



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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8
2.5°	2031.3	2020.0	2020.0	2000.9	1993.4	1987.7	1978.3	1949.8	1942.2	1934.7	1946.0
5°	2048.4	2027.5	2012.3	1978.3	1949.8	1938.5	1902.4	1834.3	1788.8	1754.6	1735.7
7.5°	2052.2	2025.6	1997.2	1944.1	1876.0	1845.5	1735.7	1610.6	1576.6	1546.2	1527.2
10°	2048.4	2018.0	1978.3	1898.6	1737.6	1684.5	1574.7	1493.2	1472.3	1466.6	1472.3
12.5°	2035.1	2006.7	1951.7	1819.1	1593.6	1557.5	1493.2	1445.8	1442.0	1451.5	1502.7
15°	2012.3	1985.8	1921.4	1712.9	1514.0	1487.5	1442.0	1424.9	1445.8	1512.1	1665.6
17.5°	1989.6	1959.2	1879.7	1608.7	1453.3	1434.4	1402.2	1436.3	1553.8	1642.8	1694.0
20°	1959.2	1923.3	1832.4	1533.0	1409.8	1392.7	1377.6	1531.1	1620.1	1652.3	1680.7
22.5°	1923.3	1885.4	1767.9	1479.9	1364.3	1351.0	1360.5	1584.1	1620.1	1642.8	1667.5
25°	1876.0	1843.7	1692.1	1438.2	1328.3	1313.1	1349.2	1578.4	1599.2	1605.0	1654.2
27.5°	1832.4	1790.7	1612.5	1400.3	1284.7	1279.0	1358.7	1553.8	1568.9	1574.7	1627.7
30°	1779.3	1716.7	1523.5	1360.5	1239.2	1237.3	1360.5	1523.5	1519.7	1534.9	1587.9
32.5°	1724.3	1606.9	1423.0	1311.2	1195.6	1193.8	1347.3	1478.0	1474.2	1495.0	1534.9
35°	1673.1	1521.6	1286.7	1254.4	1140.7	1142.6	1315.1	1424.9	1426.8	1445.8	1470.4
37.5°	1620.1	1447.7	1136.9	1191.9	1087.7	1087.7	1271.4	1375.7	1371.9	1377.6	1411.6
40°	1557.5	1332.1	1004.3	1110.4	1038.4	1032.7	1218.4	1322.6	1309.3	1307.5	1354.8
42.5°	1491.3	1205.1	905.7	1002.4	981.5	974.0	1153.9	1258.2	1233.6	1239.2	1299.8
45°	1419.3	1171.0	830.0	847.0	922.8	917.1	1083.8	1184.2	1167.2	1182.4	1245.0
47.5°	1347.3	1102.8	805.3	703.0	860.3	858.4	1006.2	1112.2	1102.8	1118.0	1184.2
50°	1248.7	1027.0	803.4	602.6	790.2	797.8	913.4	1042.2	1042.2	1055.4	1125.5
52.5°	1121.7	934.2	729.5	545.7	708.6	731.4	831.9	981.5	985.4	998.6	1061.1
55°	1006.2	837.5	676.5	502.1	612.1	661.3	752.2	919.0	926.6	939.8	996.7
57.5°	900.1	697.4	665.1	450.9	522.9	570.4	682.1	858.4	862.2	873.6	928.5
60°	786.4	504.0	610.1	396.1	445.3	481.3	617.7	786.4	799.7	807.2	854.5
62.5°	657.5	365.7	553.3	358.1	407.4	415.0	564.6	718.2	735.2	740.9	769.4
65°	468.1	306.9	470.0	325.9	367.6	369.5	507.8	648.0	663.2	672.7	693.5
67.5°	316.4	250.1	358.1	295.6	337.2	339.2	452.9	566.5	587.4	594.9	608.2
70°	219.8	166.8	265.2	263.4	303.2	306.9	394.1	492.6	511.7	517.3	524.9
72.5°	161.0	134.5	219.8	236.8	267.2	271.0	333.5	409.3	428.3	433.9	437.7
75°	123.2	142.1	178.1	206.5	227.4	229.3	272.9	333.5	346.7	350.5	352.5
77.5°	98.5	132.6	130.7	166.8	185.7	181.9	214.1	257.7	269.1	269.1	269.1
80°	73.9	104.2	98.5	119.3	136.4	132.6	153.5	183.8	187.6	191.3	189.5
82.5°	55.0	66.4	66.4	75.8	90.9	87.2	102.3	119.3	119.3	119.3	123.2
85°	34.1	37.9	30.3	39.8	51.2	49.2	56.9	64.4	66.4	66.4	62.5
87.5°	20.8	17.0	9.5	15.2	22.8	22.8	26.5	28.4	26.5	26.5	26.5
90°	19.3	13.4	7.5	13.4	19.3	20.7	32.6	48.5	56.4	50.1	37.6
92.5°	130.7	80.2	29.7	80.2	130.7	143.3	201.5	279.0	317.8	278.5	200.0
95°	256.1	163.7	71.3	163.7	256.1	279.2	495.8	784.7	929.0	829.0	629.0
97.5°	286.3	204.7	123.3	204.7	286.3	306.7	667.8	1149.4	1390.2	1327.0	1200.6
100°	311.2	237.3	163.4	237.3	311.2	329.7	730.4	1264.9	1532.0	1536.6	1545.9
102.5°	335.5	266.5	197.5	266.5	335.5	352.7	759.2	1301.1	1572.1	1652.6	1813.7
105°	372.2	313.9	255.5	313.9	372.2	386.9	780.4	1305.3	1567.7	1748.2	2109.3
107.5°	423.8	369.3	314.9	369.3	423.8	437.4	784.5	1247.2	1478.6	1730.4	2234.0
110°	453.2	404.1	354.9	404.1	453.2	465.6	778.4	1195.6	1404.3	1685.8	2248.9



TEST NUMBER: P935642

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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	488.0	441.2	394.3	441.2	488.0	499.8	778.7	1150.7	1336.7	1624.8	2201.1
115°	540.2	496.9	453.7	496.9	540.2	551.1	786.0	1099.1	1255.8	1533.4	2088.5
117.5°	590.9	551.7	512.4	551.7	590.9	600.8	800.5	1066.8	1200.0	1450.5	1951.6
120°	620.5	583.6	546.6	583.6	620.5	629.7	812.4	1055.9	1177.7	1406.7	1864.4
122.5°	654.6	617.3	580.0	617.3	654.6	663.9	829.5	1050.3	1160.7	1366.9	1779.1
125°	699.2	665.2	631.2	665.2	699.2	707.7	852.5	1045.6	1142.2	1317.3	1667.4
127.5°	741.4	707.1	672.8	707.1	741.4	750.0	875.6	1042.9	1126.6	1276.9	1577.6
130°	769.0	732.1	695.1	732.1	769.0	778.2	892.3	1044.4	1120.6	1254.4	1522.1
132.5°	792.0	755.1	718.1	755.1	792.0	801.3	906.0	1045.6	1115.4	1235.2	1474.8
135°	819.6	785.9	752.2	785.9	819.6	828.0	920.8	1044.6	1106.5	1206.8	1407.5
137.5°	853.9	820.5	787.1	820.5	853.9	862.2	943.1	1051.0	1105.0	1189.8	1359.4
140°	877.5	846.8	816.1	846.8	877.5	885.1	956.7	1052.1	1099.8	1173.1	1319.6
142.5°	895.2	866.8	838.4	866.8	895.2	902.3	968.1	1055.9	1099.8	1164.2	1292.9
145°	922.1	897.3	872.5	897.3	922.1	928.3	983.0	1055.9	1092.4	1145.0	1250.3
147.5°	954.9	930.9	906.8	930.9	954.9	961.0	1004.8	1063.2	1092.4	1133.8	1216.7
150°	972.5	950.8	929.0	950.8	972.5	978.0	1016.1	1066.9	1092.4	1127.4	1197.3
152.5°	985.1	968.5	952.0	968.5	985.1	989.2	1023.6	1069.4	1092.4	1122.2	1182.0
155°	1010.6	998.5	986.2	998.5	1010.6	1013.7	1039.9	1074.9	1092.4	1116.2	1163.7
157.5°	1035.2	1023.3	1011.5	1023.3	1035.2	1038.1	1056.2	1080.3	1092.4	1110.8	1147.8
160°	1047.0	1037.8	1028.5	1037.8	1047.0	1049.3	1063.7	1082.8	1092.4	1108.2	1139.9
162.5°	1059.5	1052.5	1045.6	1052.5	1059.5	1061.2	1071.6	1085.5	1092.4	1105.7	1132.4
165°	1076.8	1070.5	1064.1	1070.5	1076.8	1078.3	1083.0	1089.2	1092.4	1101.9	1121.1
167.5°	1087.2	1084.2	1081.3	1084.2	1087.2	1088.0	1091.9	1097.1	1099.8	1106.1	1118.7
170°	1098.3	1095.3	1092.4	1095.3	1098.3	1099.0	1099.3	1099.6	1099.8	1106.1	1118.7
172.5°	1099.6	1099.0	1098.3	1099.0	1099.6	1099.8	1099.8	1099.8	1099.8	1104.8	1114.6
175°	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1104.3	1101.3	1099.8	1103.0	1109.3
177.5°	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1104.8	1102.4	1101.2	1103.7	1108.7
180°	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5



TEST NUMBER: P935642

CATALOG NUMBER: SQ4-FA-125U-100D-92765-1D-UNV-STD-W-6-6500K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8
2.5°	1932.8	1927.1	1934.7	1913.8	1934.7	1927.1	1932.8	1946.0	1934.7	1942.2	1949.8
5°	1695.9	1686.4	1656.1	1631.5	1656.1	1686.4	1695.9	1735.7	1754.6	1788.8	1834.3
7.5°	1515.9	1508.3	1500.7	1485.5	1500.7	1508.3	1515.9	1527.2	1546.2	1576.6	1610.6
10°	1476.1	1478.0	1489.4	1487.5	1489.4	1478.0	1476.1	1472.3	1466.6	1472.3	1493.2
12.5°	1578.4	1595.5	1658.0	1654.2	1658.0	1595.5	1578.4	1502.7	1451.5	1442.0	1445.8
15°	1695.9	1701.5	1714.8	1716.7	1714.8	1701.5	1695.9	1665.6	1512.1	1445.8	1424.9
17.5°	1707.3	1709.2	1718.7	1718.7	1718.7	1709.2	1707.3	1694.0	1642.8	1553.8	1436.3
20°	1697.8	1701.5	1720.6	1724.3	1720.6	1701.5	1697.8	1680.7	1652.3	1620.1	1531.1
22.5°	1694.0	1701.5	1716.7	1714.8	1716.7	1701.5	1694.0	1667.5	1642.8	1620.1	1584.1
25°	1675.1	1675.1	1677.0	1678.9	1677.0	1675.1	1675.1	1654.2	1605.0	1599.2	1578.4
27.5°	1635.3	1639.0	1650.4	1648.6	1650.4	1639.0	1635.3	1627.7	1574.7	1568.9	1553.8
30°	1599.2	1595.5	1586.0	1578.4	1586.0	1595.5	1599.2	1587.9	1534.9	1519.7	1523.5
32.5°	1538.6	1529.1	1519.7	1514.0	1519.7	1529.1	1538.6	1534.9	1495.0	1474.2	1478.0
35°	1466.6	1468.5	1466.6	1461.0	1466.6	1468.5	1466.6	1470.4	1445.8	1426.8	1424.9
37.5°	1415.5	1419.3	1417.4	1409.8	1417.4	1419.3	1415.5	1411.6	1377.6	1371.9	1375.7
40°	1362.4	1364.3	1362.4	1356.7	1362.4	1364.3	1362.4	1354.8	1307.5	1309.3	1322.6
42.5°	1311.2	1309.3	1303.7	1299.8	1303.7	1309.3	1311.2	1299.8	1239.2	1233.6	1258.2
45°	1252.5	1254.4	1243.1	1237.3	1243.1	1254.4	1252.5	1245.0	1182.4	1167.2	1184.2
47.5°	1193.8	1193.8	1184.2	1178.6	1184.2	1193.8	1193.8	1184.2	1118.0	1102.8	1112.2
50°	1131.3	1129.4	1116.1	1114.2	1116.1	1129.4	1131.3	1125.5	1055.4	1042.2	1042.2
52.5°	1059.3	1059.3	1061.1	1064.9	1061.1	1059.3	1059.3	1061.1	998.6	985.4	981.5
55°	996.7	998.6	1011.8	1015.7	1011.8	998.6	996.7	996.7	939.8	926.6	919.0
57.5°	932.3	932.3	941.8	941.8	941.8	932.3	932.3	928.5	873.6	862.2	858.4
60°	858.4	862.2	869.8	867.8	869.8	862.2	858.4	854.5	807.2	799.7	786.4
62.5°	780.6	784.5	786.4	782.5	786.4	784.5	780.6	769.4	740.9	735.2	718.2
65°	699.2	703.0	704.9	701.1	704.9	703.0	699.2	693.5	672.7	663.2	648.0
67.5°	615.8	614.0	612.1	619.6	612.1	614.0	615.8	608.2	594.9	587.4	566.5
70°	530.6	530.6	528.7	532.4	528.7	530.6	530.6	524.9	517.3	511.7	492.6
72.5°	439.6	437.7	445.3	439.6	445.3	437.7	439.6	437.7	433.9	428.3	409.3
75°	350.5	354.4	350.5	356.3	350.5	354.4	350.5	352.5	350.5	346.7	333.5
77.5°	267.2	271.0	267.2	267.2	267.2	271.0	267.2	269.1	269.1	269.1	257.7
80°	189.5	187.6	187.6	185.7	187.6	187.6	189.5	189.5	191.3	187.6	183.8
82.5°	121.2	119.3	119.3	123.2	119.3	119.3	121.2	123.2	119.3	119.3	119.3
85°	66.4	68.2	64.4	64.4	64.4	68.2	66.4	62.5	66.4	66.4	64.4
87.5°	24.7	22.8	22.8	22.8	22.8	22.8	24.7	26.5	26.5	26.5	28.4
90°	28.2	28.2	28.2	28.2	28.2	28.2	28.2	37.6	50.1	56.4	48.5
92.5°	141.1	135.5	113.0	90.6	113.0	135.5	141.1	200.0	278.5	317.8	279.0
95°	479.0	461.9	394.0	326.0	394.0	461.9	479.0	629.0	829.0	929.0	784.7
97.5°	1105.7	1073.4	944.0	814.7	944.0	1073.4	1105.7	1200.6	1327.0	1390.2	1149.4
100°	1552.8	1514.2	1360.2	1206.0	1360.2	1514.2	1552.8	1545.9	1536.6	1532.0	1264.9
102.5°	1934.5	1901.5	1769.4	1637.5	1769.4	1901.5	1934.5	1813.7	1652.6	1572.1	1301.1
105°	2380.1	2362.3	2291.3	2220.4	2291.3	2362.3	2380.1	2109.3	1748.2	1567.7	1305.3
107.5°	2611.7	2616.0	2633.2	2650.4	2633.2	2616.0	2611.7	2234.0	1730.4	1478.6	1247.2
110°	2671.2	2689.7	2763.6	2837.5	2763.6	2689.7	2671.2	2248.9	1685.8	1404.3	1195.6



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2633.3	2661.7	2775.2	2888.8	2775.2	2661.7	2633.3	2201.1	1624.8	1336.7	1150.7
115°	2504.8	2544.2	2701.6	2859.0	2701.6	2544.2	2504.8	2088.5	1533.4	1255.8	1099.1
117.5°	2327.4	2371.0	2545.6	2720.2	2545.6	2371.0	2327.4	1951.6	1450.5	1200.0	1066.8
120°	2207.8	2250.2	2419.8	2589.5	2419.8	2250.2	2207.8	1864.4	1406.7	1177.7	1055.9
122.5°	2088.2	2130.0	2297.3	2464.7	2297.3	2130.0	2088.2	1779.1	1366.9	1160.7	1050.3
125°	1930.1	1968.6	2122.7	2276.9	2122.7	1968.6	1930.1	1667.4	1317.3	1142.2	1045.6
127.5°	1803.1	1835.6	1965.6	2095.7	1965.6	1835.6	1803.1	1577.6	1276.9	1126.6	1042.9
130°	1722.9	1752.9	1873.1	1993.2	1873.1	1752.9	1722.9	1522.1	1254.4	1120.6	1044.4
132.5°	1654.5	1681.4	1789.0	1896.6	1789.0	1681.4	1654.5	1474.8	1235.2	1115.4	1045.6
135°	1558.0	1581.2	1673.9	1766.7	1673.9	1581.2	1558.0	1407.5	1206.8	1106.5	1044.6
137.5°	1486.7	1505.6	1581.5	1657.5	1581.5	1505.6	1486.7	1359.4	1189.8	1105.0	1051.0
140°	1429.5	1447.3	1518.2	1589.2	1518.2	1447.3	1429.5	1319.6	1173.1	1099.8	1052.1
142.5°	1389.4	1404.7	1465.7	1526.8	1465.7	1404.7	1389.4	1292.9	1164.2	1099.8	1055.9
145°	1329.3	1340.9	1387.1	1433.2	1387.1	1340.9	1329.3	1250.3	1145.0	1092.4	1055.9
147.5°	1278.8	1288.4	1326.7	1365.0	1326.7	1288.4	1278.8	1216.7	1133.8	1092.4	1063.2
150°	1249.8	1257.6	1288.7	1319.6	1288.7	1257.6	1249.8	1197.3	1127.4	1092.4	1066.9
152.5°	1226.8	1232.6	1256.1	1279.5	1256.1	1232.6	1226.8	1182.0	1122.2	1092.4	1069.4
155°	1199.4	1203.3	1218.8	1234.3	1218.8	1203.3	1199.4	1163.7	1116.2	1092.4	1074.9
157.5°	1175.5	1178.2	1189.1	1200.0	1189.1	1178.2	1175.5	1147.8	1110.8	1092.4	1080.3
160°	1163.7	1165.2	1171.5	1177.7	1171.5	1165.2	1163.7	1139.9	1108.2	1092.4	1082.8
162.5°	1152.5	1154.0	1160.0	1165.9	1160.0	1154.0	1152.5	1132.4	1105.7	1092.4	1085.5
165°	1135.5	1137.0	1143.3	1149.5	1143.3	1137.0	1135.5	1121.1	1101.9	1092.4	1089.2
167.5°	1128.0	1128.7	1131.3	1133.9	1131.3	1128.7	1128.0	1118.7	1106.1	1099.8	1097.1
170°	1128.0	1128.0	1128.0	1128.0	1128.0	1128.0	1128.0	1118.7	1106.1	1099.8	1099.6
172.5°	1122.1	1121.5	1119.2	1116.9	1119.2	1121.5	1122.1	1114.6	1104.8	1099.8	1099.8
175°	1114.0	1114.0	1114.0	1114.0	1114.0	1114.0	1114.0	1109.3	1103.0	1099.8	1101.3
177.5°	1112.4	1111.8	1109.2	1106.5	1109.2	1111.8	1112.4	1108.7	1103.7	1101.2	1102.4
180°	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	2002.8	2002.8	2002.8	2002.8	2002.8
2.5°	1978.3	1987.7	1993.4	2000.9	2020.0
5°	1902.4	1938.5	1949.8	1978.3	2012.3
7.5°	1735.7	1845.5	1876.0	1944.1	1997.2
10°	1574.7	1684.5	1737.6	1898.6	1978.3
12.5°	1493.2	1557.5	1593.6	1819.1	1951.7
15°	1442.0	1487.5	1514.0	1712.9	1921.4
17.5°	1402.2	1434.4	1453.3	1608.7	1879.7
20°	1377.6	1392.7	1409.8	1533.0	1832.4
22.5°	1360.5	1351.0	1364.3	1479.9	1767.9
25°	1349.2	1313.1	1328.3	1438.2	1692.1
27.5°	1358.7	1279.0	1284.7	1400.3	1612.5
30°	1360.5	1237.3	1239.2	1360.5	1523.5
32.5°	1347.3	1193.8	1195.6	1311.2	1423.0
35°	1315.1	1142.6	1140.7	1254.4	1286.7
37.5°	1271.4	1087.7	1087.7	1191.9	1136.9
40°	1218.4	1032.7	1038.4	1110.4	1004.3
42.5°	1153.9	974.0	981.5	1002.4	905.7
45°	1083.8	917.1	922.8	847.0	830.0
47.5°	1006.2	858.4	860.3	703.0	805.3
50°	913.4	797.8	790.2	602.6	803.4
52.5°	831.9	731.4	708.6	545.7	729.5
55°	752.2	661.3	612.1	502.1	676.5
57.5°	682.1	570.4	522.9	450.9	665.1
60°	617.7	481.3	445.3	396.1	610.1
62.5°	564.6	415.0	407.4	358.1	553.3
65°	507.8	369.5	367.6	325.9	470.0
67.5°	452.9	339.2	337.2	295.6	358.1
70°	394.1	306.9	303.2	263.4	265.2
72.5°	333.5	271.0	267.2	236.8	219.8
75°	272.9	229.3	227.4	206.5	178.1
77.5°	214.1	181.9	185.7	166.8	130.7
80°	153.5	132.6	136.4	119.3	98.5
82.5°	102.3	87.2	90.9	75.8	66.4
85°	56.9	49.2	51.2	39.8	30.3
87.5°	26.5	22.8	22.8	15.2	9.5
90°	32.6	20.7	19.3	13.4	7.5
92.5°	201.5	143.3	130.7	80.2	29.7
95°	495.8	279.2	256.1	163.7	71.3
97.5°	667.8	306.7	286.3	204.7	123.3
100°	730.4	329.7	311.2	237.3	163.4
102.5°	759.2	352.7	335.5	266.5	197.5
105°	780.4	386.9	372.2	313.9	255.5
107.5°	784.5	437.4	423.8	369.3	314.9
110°	778.4	465.6	453.2	404.1	354.9



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CATALOG NUMBER: SQ4-FA-125U-100D-92765-1D-UNV-STD-W-6-6500K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	778.7	499.8	488.0	441.2	394.3
115°	786.0	551.1	540.2	496.9	453.7
117.5°	800.5	600.8	590.9	551.7	512.4
120°	812.4	629.7	620.5	583.6	546.6
122.5°	829.5	663.9	654.6	617.3	580.0
125°	852.5	707.7	699.2	665.2	631.2
127.5°	875.6	750.0	741.4	707.1	672.8
130°	892.3	778.2	769.0	732.1	695.1
132.5°	906.0	801.3	792.0	755.1	718.1
135°	920.8	828.0	819.6	785.9	752.2
137.5°	943.1	862.2	853.9	820.5	787.1
140°	956.7	885.1	877.5	846.8	816.1
142.5°	968.1	902.3	895.2	866.8	838.4
145°	983.0	928.3	922.1	897.3	872.5
147.5°	1004.8	961.0	954.9	930.9	906.8
150°	1016.1	978.0	972.5	950.8	929.0
152.5°	1023.6	989.2	985.1	968.5	952.0
155°	1039.9	1013.7	1010.6	998.5	986.2
157.5°	1056.2	1038.1	1035.2	1023.3	1011.5
160°	1063.7	1049.3	1047.0	1037.8	1028.5
162.5°	1071.6	1061.2	1059.5	1052.5	1045.6
165°	1083.0	1078.3	1076.8	1070.5	1064.1
167.5°	1091.9	1088.0	1087.2	1084.2	1081.3
170°	1099.3	1099.0	1098.3	1095.3	1092.4
172.5°	1099.8	1099.8	1099.6	1099.0	1098.3
175°	1104.3	1106.5	1106.5	1106.5	1106.5
177.5°	1104.8	1106.5	1106.5	1106.5	1106.5
180°	1106.5	1106.5	1106.5	1106.5	1106.5



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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	12.76	13.56	13.78	14.59	15.97	15.59	16.38	16.61	17.41	18.79
	3H	13.23	13.94	14.27	14.98	16.38	16.92	17.64	17.96	18.68	20.08
	4H	13.42	14.09	14.47	15.14	16.55	17.36	18.04	18.41	19.08	20.49
	6H	13.54	14.16	14.59	15.20	16.62	17.64	18.26	18.70	19.31	20.73
	8H	13.54	14.13	14.60	15.19	16.60	17.72	18.31	18.78	19.37	20.78
	12H	13.50	14.07	14.57	15.12	16.56	17.75	18.31	18.82	19.37	20.81
4H	2H	13.78	14.46	14.84	15.50	16.91	15.99	16.66	17.04	17.70	19.11
	3H	14.80	15.37	15.86	16.44	17.86	17.48	18.05	18.54	19.12	20.54
	4H	15.08	15.59	16.14	16.65	18.10	18.01	18.52	19.07	19.58	21.03
	6H	15.20	15.64	16.27	16.73	18.16	18.37	18.81	19.44	19.90	21.33
	8H	15.20	15.62	16.28	16.69	18.15	18.47	18.89	19.55	19.96	21.42
	12H	15.17	15.54	16.26	16.63	18.09	18.53	18.90	19.62	19.99	21.45
8H	4H	15.53	15.94	16.60	17.01	18.47	18.13	18.54	19.20	19.62	21.07
	6H	15.78	16.12	16.88	17.24	18.69	18.56	18.90	19.66	20.02	21.47
	8H	15.83	16.12	16.93	17.23	18.70	18.71	19.01	19.82	20.11	21.58
	12H	15.81	16.07	16.92	17.17	18.68	18.80	19.07	19.91	20.16	21.67
12H	4H	15.53	15.90	16.62	16.99	18.45	18.09	18.46	19.18	19.55	21.01
	6H	15.84	16.14	16.95	17.24	18.71	18.56	18.86	19.66	19.96	21.43
	8H	15.91	16.17	17.02	17.27	18.78	18.71	18.98	19.82	20.07	21.58