

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: P935547

Luminaire Tested: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-5000K

Issue Date: 12/17/2024

**Test Information**

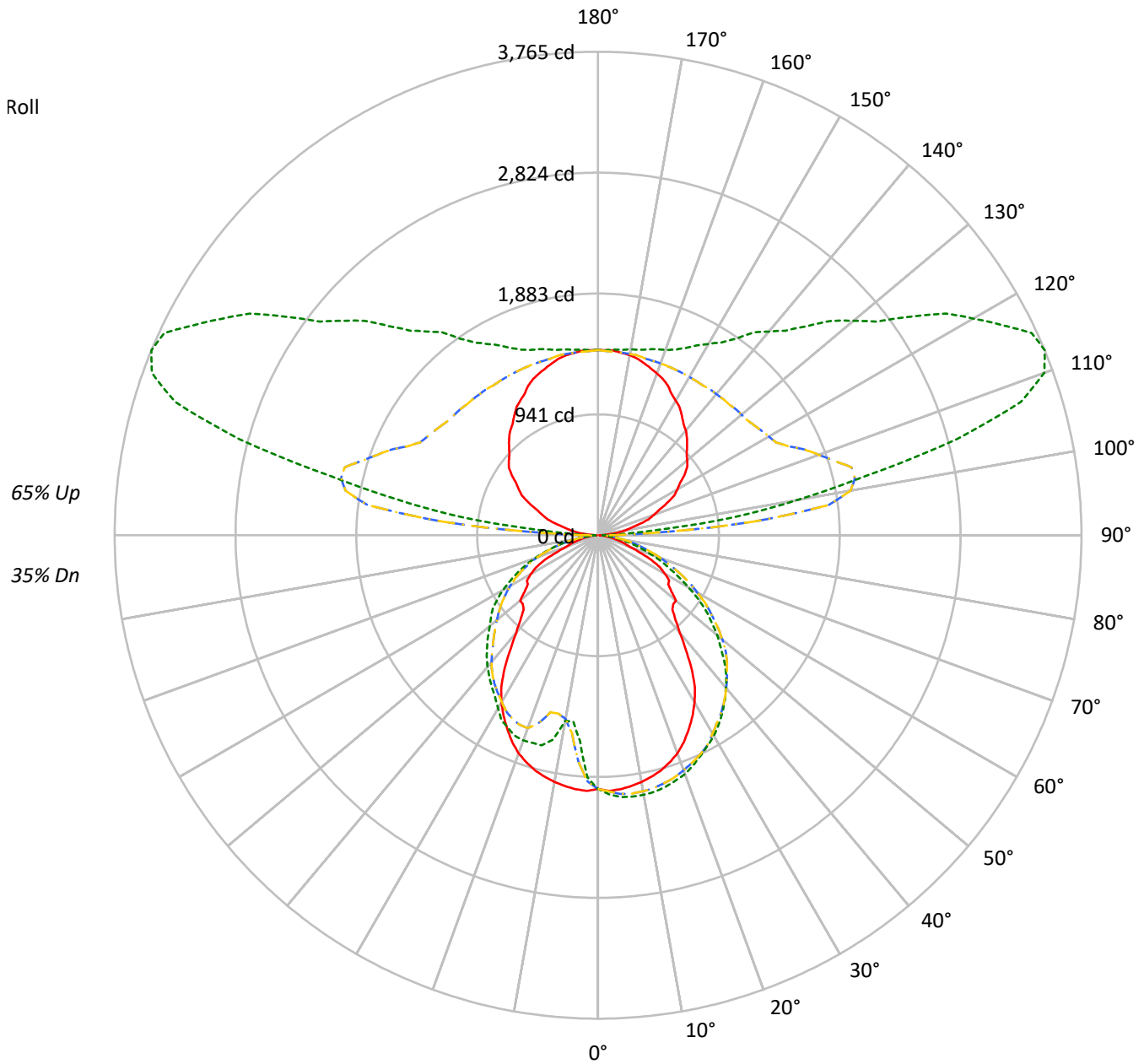
Test Method: LM-79-2019  
Report Number: P935547  
REPORT IS A COMBINATION OF REPORTS P933760 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-5000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 14477.7 lumens  
Efficiency: N/A  
Efficacy: 130.2 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): 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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### 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°	9167	9167	9167	9167
5°	9236	9254	9236	7276
10°	9174	9115	9174	6517
15°	9074	8918	9074	7447
20°	8884	8684	8884	7462
25°	8496	8343	8496	7304
30°	7994	8060	7994	6957
35°	7126	7701	7126	6575
40°	5939	7279	5939	6287
45°	5306	6785	5306	5955
50°	5637	6197	5637	5623
55°	5304	5562	5304	5431
60°	5468	4724	5468	4974
65°	4957	3905	4957	4365
70°	3432	3112	3432	3659
75°	3009	2301	3009	2754
80°	2425	1521	2425	1656
85°	1393	806	1393	685

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 8132 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	178.4	1.2
10°-20°	506.4	3.5
20°-30°	782.8	5.4
30°-40°	934.5	6.5
40°-50°	940.0	6.5
50°-60°	817.9	5.6
60°-70°	579.9	4.0
70°-80°	306.8	2.1
80°-90°	81.9	0.6
90°-100°	703.0	4.9
100°-110°	1848.2	12.8
110°-120°	1916.4	13.2
120°-130°	1537.2	10.6
130°-140°	1206.1	8.3
140°-150°	925.8	6.4
150°-160°	666.7	4.6
160°-170°	407.9	2.8
170°-180°	137.8	1.0
0°-30°	1467.6	10.1
0°-40°	2402.1	16.6
0°-60°	4160.0	28.7
0°-90°	5128.6	35.4
90°-120°	4467.6	30.9
90°-150°	8136.6	56.2
90°-180°	9349.0	64.6
0°-180°	14477.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1976	1976	1976	1976	1976	
5°	1985	2047	1985	1610	1985	188
15°	1896	2028	1896	1694	1896	533
25°	1669	1892	1669	1656	1669	766
35°	1269	1688	1269	1441	1269	785
45°	819	1391	819	1221	819	656
55°	667	1026	667	1002	667	613
65°	464	619	464	692	464	443
75°	176	294	176	351	176	185
85°	30	75	30	64	30	40
90°	10	37	10	37	10	9
95°	93	425	93	425	93	103
105°	333	2894	333	2894	333	353
115°	591	3726	591	3726	591	584
125°	823	2968	823	2968	823	730
135°	980	2303	980	2303	980	759
145°	1137	1868	1137	1868	1137	712
155°	1285	1609	1285	1609	1285	591
165°	1387	1498	1387	1498	1387	391
175°	1442	1452	1442	1452	1442	137
180°	1442	1442	1442	1442	1442	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9
2.5°	1992.7	1992.7	2003.9	2007.7	2007.7	2002.0	1996.4	2002.0	2018.9	2024.5	2022.6
5°	1985.2	2000.2	2020.7	2024.5	2028.2	2026.3	2022.6	2026.3	2045.0	2048.8	2050.7
7.5°	1970.3	1998.3	2024.5	2030.1	2035.7	2030.1	2028.2	2032.0	2050.7	2054.4	2054.4
10°	1951.6	1990.8	2020.7	2024.5	2030.1	2024.5	2024.5	2032.0	2050.7	2054.4	2056.3
12.5°	1925.4	1979.6	2007.7	2011.4	2018.9	2017.0	2015.1	2022.6	2041.3	2045.0	2045.0
15°	1895.5	1959.1	1985.2	1989.0	2002.0	1998.3	1998.3	2005.8	2026.3	2032.0	2030.1
17.5°	1854.4	1932.9	1962.8	1968.4	1977.7	1975.9	1977.7	1985.2	2003.9	2007.7	2009.5
20°	1807.6	1897.4	1932.9	1938.5	1947.8	1947.8	1947.8	1957.2	1975.9	1983.4	1983.4
22.5°	1744.1	1860.0	1897.4	1901.1	1912.3	1912.3	1916.1	1929.1	1946.0	1947.8	1947.8
25°	1669.3	1818.8	1850.6	1861.8	1873.1	1878.7	1884.3	1891.8	1897.4	1895.5	1897.4
27.5°	1590.8	1766.5	1807.6	1815.1	1830.1	1835.7	1843.1	1845.0	1846.9	1852.5	1848.8
30°	1502.9	1693.6	1755.3	1762.8	1787.1	1790.8	1783.3	1787.1	1796.4	1800.2	1803.9
32.5°	1403.8	1585.2	1701.1	1717.9	1740.3	1729.1	1727.2	1732.9	1747.8	1747.8	1751.5
35°	1269.2	1501.0	1650.6	1665.6	1682.4	1669.3	1676.8	1678.6	1688.0	1693.6	1691.7
37.5°	1121.6	1428.1	1598.3	1609.5	1622.6	1605.7	1616.9	1622.6	1630.0	1626.3	1626.3
40°	990.8	1314.1	1536.6	1544.0	1555.3	1542.2	1553.4	1557.1	1560.9	1557.1	1555.3
42.5°	893.6	1188.9	1471.1	1480.5	1473.0	1482.4	1486.1	1493.6	1488.0	1480.5	1480.5
45°	818.8	1155.2	1400.1	1411.3	1400.1	1415.1	1420.7	1420.7	1403.8	1400.1	1398.2
47.5°	794.5	1088.0	1329.1	1329.1	1323.5	1342.1	1351.5	1338.4	1321.6	1316.0	1316.0
50°	792.6	1013.2	1231.8	1224.4	1250.5	1273.0	1263.6	1250.5	1237.5	1216.9	1216.9
52.5°	719.7	921.6	1106.7	1134.6	1175.8	1188.9	1173.9	1160.8	1138.4	1129.0	1121.6
55°	667.4	826.3	992.7	1048.7	1091.7	1108.6	1080.5	1067.4	1033.8	1028.2	1024.4
57.5°	656.2	687.9	888.0	959.0	1011.4	1009.5	992.7	968.4	940.3	934.7	932.8
60°	602.0	497.3	775.8	859.9	914.1	908.5	893.6	871.1	845.0	841.2	837.5
62.5°	545.9	360.8	648.7	744.0	820.7	818.8	805.7	772.1	753.4	744.0	736.5
65°	463.6	302.8	461.7	618.8	729.1	732.8	704.8	680.5	659.9	648.7	646.8
67.5°	353.3	246.8	312.2	516.0	641.2	637.5	602.0	590.7	564.6	559.0	547.7
70°	261.7	164.5	216.9	418.7	555.2	545.9	517.8	504.7	480.4	467.4	459.9
72.5°	216.9	132.7	158.9	325.3	467.4	456.1	431.8	416.9	396.3	385.1	377.6
75°	175.7	140.2	121.5	241.2	379.5	372.0	349.6	334.6	317.8	302.8	304.7
77.5°	129.0	130.9	97.2	177.6	301.0	289.8	276.7	258.0	250.5	235.5	235.5
80°	97.2	102.8	72.9	121.5	216.9	216.9	205.6	192.5	179.5	172.0	172.0
82.5°	65.4	65.4	54.2	76.6	147.7	142.1	134.6	130.9	123.4	119.6	119.6
85°	29.9	37.4	33.6	46.7	80.4	84.1	84.1	80.4	78.5	74.8	76.6
87.5°	9.3	16.8	20.6	26.2	41.1	43.0	44.9	44.9	44.9	46.7	46.7
90°	9.7	17.5	25.1	27.1	42.6	63.3	73.6	65.3	49.0	36.7	36.7
92.5°	38.7	104.5	170.4	186.8	262.7	363.7	414.3	363.0	260.7	183.9	176.6
95°	92.9	213.4	333.9	364.0	646.3	1022.7	1210.8	1080.5	819.8	624.3	602.1
97.5°	160.7	267.0	373.2	399.8	870.5	1498.1	1811.9	1729.6	1564.8	1441.2	1399.1
100°	212.9	309.3	405.7	429.8	952.1	1648.5	1996.8	2002.8	2014.9	2023.9	1973.7
102.5°	257.4	347.3	437.3	459.8	989.6	1695.9	2049.1	2154.0	2364.0	2521.4	2478.4
105°	332.9	409.1	485.2	504.3	1017.2	1701.3	2043.3	2278.5	2749.2	3102.1	3079.0
107.5°	410.4	481.4	552.3	570.1	1022.4	1625.5	1927.1	2255.4	2911.8	3404.1	3409.7
110°	462.7	526.8	590.9	606.9	1014.7	1558.4	1830.3	2197.3	2931.1	3481.5	3505.6



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	514.0	575.0	636.2	651.4	1015.0	1499.8	1742.2	2117.8	2868.8	3432.1	3469.2
115°	591.4	647.8	704.0	718.1	1024.3	1432.6	1636.8	1998.5	2722.1	3264.7	3316.1
117.5°	667.8	719.1	770.2	783.0	1043.4	1390.6	1564.1	1890.6	2543.6	3033.4	3090.3
120°	712.3	760.6	808.7	820.8	1058.8	1376.4	1535.1	1833.4	2430.0	2877.6	2932.8
122.5°	755.9	804.5	853.1	865.3	1081.1	1368.9	1512.8	1781.5	2318.8	2721.8	2776.3
125°	822.7	867.0	911.3	922.4	1111.1	1362.8	1488.6	1716.9	2173.3	2515.6	2565.8
127.5°	876.9	921.7	966.4	977.6	1141.2	1359.2	1468.3	1664.2	2056.2	2350.0	2392.4
130°	905.9	954.1	1002.3	1014.3	1163.1	1361.4	1460.6	1635.0	1983.9	2245.5	2284.7
132.5°	935.9	984.2	1032.3	1044.3	1180.8	1362.8	1453.7	1609.9	1922.2	2156.5	2191.5
135°	980.5	1024.3	1068.3	1079.2	1200.2	1361.5	1442.2	1572.9	1834.5	2030.6	2060.8
137.5°	1025.9	1069.4	1112.9	1123.7	1229.2	1369.9	1440.2	1550.8	1771.9	1937.7	1962.5
140°	1063.7	1103.7	1143.7	1153.7	1247.0	1371.3	1433.5	1529.0	1720.0	1863.2	1886.3
142.5°	1092.8	1129.8	1166.7	1176.0	1261.8	1376.3	1433.5	1517.3	1685.1	1810.9	1830.8
145°	1137.3	1169.5	1201.8	1209.9	1281.2	1376.3	1423.7	1492.4	1629.7	1732.6	1747.6
147.5°	1181.8	1213.2	1244.7	1252.5	1309.6	1385.7	1423.7	1477.8	1585.7	1666.8	1679.2
150°	1210.8	1239.2	1267.6	1274.8	1324.4	1390.7	1423.7	1469.4	1560.6	1629.0	1639.1
152.5°	1240.8	1262.3	1283.8	1289.2	1334.1	1393.8	1423.7	1462.7	1540.6	1599.0	1606.7
155°	1285.4	1301.3	1317.2	1321.2	1355.4	1400.9	1423.7	1454.8	1516.7	1563.2	1568.2
157.5°	1318.3	1333.7	1349.2	1353.1	1376.6	1408.0	1423.7	1447.9	1496.0	1532.2	1535.7
160°	1340.6	1352.6	1364.7	1367.7	1386.4	1411.3	1423.7	1444.4	1485.7	1516.7	1518.7
162.5°	1362.8	1371.8	1380.8	1383.1	1396.6	1414.7	1423.7	1441.1	1476.0	1502.2	1504.1
165°	1387.0	1395.2	1403.4	1405.4	1411.5	1419.6	1423.7	1436.3	1461.2	1479.9	1482.0
167.5°	1409.3	1413.1	1417.0	1417.9	1423.1	1430.0	1433.5	1441.6	1458.0	1470.2	1471.0
170°	1423.7	1427.7	1431.6	1432.5	1432.8	1433.3	1433.5	1441.6	1458.0	1470.2	1470.2
172.5°	1431.5	1432.3	1433.3	1433.5	1433.5	1433.5	1433.5	1439.9	1452.8	1462.5	1461.8
175°	1442.2	1442.2	1442.2	1442.2	1439.3	1435.4	1433.5	1437.6	1445.7	1451.9	1451.9
177.5°	1442.2	1442.2	1442.2	1442.2	1439.9	1436.9	1435.4	1438.6	1445.1	1449.9	1449.1
180°	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9
2.5°	2026.3	2020.7	2026.3	2022.6	2024.5	2018.9	2002.0	1996.4	2002.0	2007.7	2007.7
5°	2050.7	2046.9	2050.7	2050.7	2048.8	2045.0	2026.3	2022.6	2026.3	2028.2	2024.5
7.5°	2058.1	2052.5	2058.1	2054.4	2054.4	2050.7	2032.0	2028.2	2030.1	2035.7	2030.1
10°	2058.1	2052.5	2058.1	2056.3	2054.4	2050.7	2032.0	2024.5	2024.5	2030.1	2024.5
12.5°	2048.8	2045.0	2048.8	2045.0	2045.0	2041.3	2022.6	2015.1	2017.0	2018.9	2011.4
15°	2033.8	2028.2	2033.8	2030.1	2032.0	2026.3	2005.8	1998.3	1998.3	2002.0	1989.0
17.5°	2011.4	2003.9	2011.4	2009.5	2007.7	2003.9	1985.2	1977.7	1975.9	1977.7	1968.4
20°	1985.2	1979.6	1985.2	1983.4	1983.4	1975.9	1957.2	1947.8	1947.8	1947.8	1938.5
22.5°	1944.1	1938.5	1944.1	1947.8	1947.8	1946.0	1929.1	1916.1	1912.3	1912.3	1901.1
25°	1897.4	1891.8	1897.4	1897.4	1895.5	1897.4	1891.8	1884.3	1878.7	1873.1	1861.8
27.5°	1852.5	1848.8	1852.5	1848.8	1852.5	1846.9	1845.0	1843.1	1835.7	1830.1	1815.1
30°	1807.6	1803.9	1807.6	1803.9	1800.2	1796.4	1787.1	1783.3	1790.8	1787.1	1762.8
32.5°	1751.5	1747.8	1751.5	1751.5	1747.8	1747.8	1732.9	1727.2	1729.1	1740.3	1717.9
35°	1693.6	1688.0	1693.6	1691.7	1693.6	1688.0	1678.6	1676.8	1669.3	1682.4	1665.6
37.5°	1626.3	1620.7	1626.3	1626.3	1626.3	1630.0	1622.6	1616.9	1605.7	1622.6	1609.5
40°	1557.1	1549.6	1557.1	1555.3	1557.1	1560.9	1557.1	1553.4	1542.2	1555.3	1544.0
42.5°	1478.6	1476.7	1478.6	1480.5	1480.5	1488.0	1493.6	1486.1	1482.4	1473.0	1480.5
45°	1394.5	1390.7	1394.5	1398.2	1400.1	1403.8	1420.7	1420.7	1415.1	1400.1	1411.3
47.5°	1304.8	1295.4	1304.8	1316.0	1316.0	1321.6	1338.4	1351.5	1342.1	1323.5	1329.1
50°	1209.4	1211.3	1209.4	1216.9	1216.9	1237.5	1250.5	1263.6	1273.0	1250.5	1224.4
52.5°	1115.9	1114.2	1115.9	1121.6	1129.0	1138.4	1160.8	1173.9	1188.9	1175.8	1134.6
55°	1022.6	1026.3	1022.6	1024.4	1028.2	1033.8	1067.4	1080.5	1108.6	1091.7	1048.7
57.5°	929.1	923.5	929.1	932.8	934.7	940.3	968.4	992.7	1009.5	1011.4	959.0
60°	820.7	813.2	820.7	837.5	841.2	845.0	871.1	893.6	908.5	914.1	859.9
62.5°	725.3	712.2	725.3	736.5	744.0	753.4	772.1	805.7	818.8	820.7	744.0
65°	624.4	618.8	624.4	646.8	648.7	659.9	680.5	704.8	732.8	729.1	618.8
67.5°	532.8	532.8	532.8	547.7	559.0	564.6	590.7	602.0	637.5	641.2	516.0
70°	448.7	446.8	448.7	459.9	467.4	480.4	504.7	517.8	545.9	555.2	418.7
72.5°	368.3	366.4	368.3	377.6	385.1	396.3	416.9	431.8	456.1	467.4	325.3
75°	297.2	293.5	297.2	304.7	302.8	317.8	334.6	349.6	372.0	379.5	241.2
77.5°	228.1	228.1	228.1	235.5	235.5	250.5	258.0	276.7	289.8	301.0	177.6
80°	170.1	168.2	170.1	172.0	172.0	179.5	192.5	205.6	216.9	216.9	121.5
82.5°	119.6	115.9	119.6	119.6	119.6	123.4	130.9	134.6	142.1	147.7	76.6
85°	74.8	74.8	74.8	76.6	74.8	78.5	80.4	84.1	84.1	80.4	46.7
87.5°	48.6	46.7	48.6	46.7	46.7	44.9	44.9	44.9	43.0	41.1	26.2
90°	36.7	36.7	36.7	36.7	36.7	49.0	65.3	73.6	63.3	42.6	27.1
92.5°	147.3	118.1	147.3	176.6	183.9	260.7	363.0	414.3	363.7	262.7	186.8
95°	513.5	424.9	513.5	602.1	624.3	819.8	1080.5	1210.8	1022.7	646.3	364.0
97.5°	1230.4	1061.8	1230.4	1399.1	1441.2	1564.8	1729.6	1811.9	1498.1	870.5	399.8
100°	1772.8	1571.9	1772.8	1973.7	2023.9	2014.9	2002.8	1996.8	1648.5	952.1	429.8
102.5°	2306.3	2134.2	2306.3	2478.4	2521.4	2364.0	2154.0	2049.1	1695.9	989.6	459.8
105°	2986.5	2894.0	2986.5	3079.0	3102.1	2749.2	2278.5	2043.3	1701.3	1017.2	504.3
107.5°	3432.1	3454.4	3432.1	3409.7	3404.1	2911.8	2255.4	1927.1	1625.5	1022.4	570.1
110°	3602.0	3698.4	3602.0	3505.6	3481.5	2931.1	2197.3	1830.3	1558.4	1014.7	606.9





TEST NUMBER: P935547

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-5000K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3617.1	3765.1	3617.1	3469.2	3432.1	2868.8	2117.8	1742.2	1499.8	1015.0	651.4
115°	3521.2	3726.4	3521.2	3316.1	3264.7	2722.1	1998.5	1636.8	1432.6	1024.3	718.1
117.5°	3317.8	3545.4	3317.8	3090.3	3033.4	2543.6	1890.6	1564.1	1390.6	1043.4	783.0
120°	3154.0	3375.0	3154.0	2932.8	2877.6	2430.0	1833.4	1535.1	1376.4	1058.8	820.8
122.5°	2994.4	3212.5	2994.4	2776.3	2721.8	2318.8	1781.5	1512.8	1368.9	1081.1	865.3
125°	2766.7	2967.6	2766.7	2565.8	2515.6	2173.3	1716.9	1488.6	1362.8	1111.1	922.4
127.5°	2561.9	2731.4	2561.9	2392.4	2350.0	2056.2	1664.2	1468.3	1359.2	1141.2	977.6
130°	2441.3	2597.8	2441.3	2284.7	2245.5	1983.9	1635.0	1460.6	1361.4	1163.1	1014.3
132.5°	2331.8	2472.0	2331.8	2191.5	2156.5	1922.2	1609.9	1453.7	1362.8	1180.8	1044.3
135°	2181.8	2302.6	2181.8	2060.8	2030.6	1834.5	1572.9	1442.2	1361.5	1200.2	1079.2
137.5°	2061.4	2160.4	2061.4	1962.5	1937.7	1771.9	1550.8	1440.2	1369.9	1229.2	1123.7
140°	1978.9	2071.3	1978.9	1886.3	1863.2	1720.0	1529.0	1433.5	1371.3	1247.0	1153.7
142.5°	1910.4	1990.0	1910.4	1830.8	1810.9	1685.1	1517.3	1433.5	1376.3	1261.8	1176.0
145°	1807.8	1868.0	1807.8	1747.6	1732.6	1629.7	1492.4	1423.7	1376.3	1281.2	1209.9
147.5°	1729.1	1779.0	1729.1	1679.2	1666.8	1585.7	1477.8	1423.7	1385.7	1309.6	1252.5
150°	1679.6	1720.0	1679.6	1639.1	1629.0	1560.6	1469.4	1423.7	1390.7	1324.4	1274.8
152.5°	1637.1	1667.7	1637.1	1606.7	1599.0	1540.6	1462.7	1423.7	1393.8	1334.1	1289.2
155°	1588.4	1608.6	1588.4	1568.2	1563.2	1516.7	1454.8	1423.7	1400.9	1355.4	1321.2
157.5°	1549.9	1564.1	1549.9	1535.7	1532.2	1496.0	1447.9	1423.7	1408.0	1376.6	1353.1
160°	1526.8	1535.1	1526.8	1518.7	1516.7	1485.7	1444.4	1423.7	1411.3	1386.4	1367.7
162.5°	1511.9	1519.6	1511.9	1504.1	1502.2	1476.0	1441.1	1423.7	1414.7	1396.6	1383.1
165°	1490.1	1498.3	1490.1	1482.0	1479.9	1461.2	1436.3	1423.7	1419.6	1411.5	1405.4
167.5°	1474.5	1478.0	1474.5	1471.0	1470.2	1458.0	1441.6	1433.5	1430.0	1423.1	1417.9
170°	1470.2	1470.2	1470.2	1470.2	1470.2	1458.0	1441.6	1433.5	1433.3	1432.8	1432.5
172.5°	1458.7	1455.7	1458.7	1461.8	1462.5	1452.8	1439.9	1433.5	1433.5	1433.5	1433.5
175°	1451.9	1451.9	1451.9	1451.9	1451.9	1445.7	1437.6	1433.5	1435.4	1439.3	1442.2
177.5°	1445.6	1442.2	1445.6	1449.1	1449.9	1445.1	1438.6	1435.4	1436.9	1439.9	1442.2
180°	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2



TEST NUMBER: P935547

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-5000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9
2.5°	2003.9	1992.7	1992.7	1974.0	1966.5	1960.9	1951.6	1923.5	1916.1	1908.6	1919.8
5°	2020.7	2000.2	1985.2	1951.6	1923.5	1912.3	1876.8	1809.5	1764.6	1731.0	1712.3
7.5°	2024.5	1998.3	1970.3	1917.9	1850.6	1820.7	1712.3	1588.9	1555.3	1525.3	1506.7
10°	2020.7	1990.8	1951.6	1873.1	1714.2	1661.8	1553.4	1473.0	1452.4	1446.8	1452.4
12.5°	2007.7	1979.6	1925.4	1794.5	1572.1	1536.6	1473.0	1426.3	1422.5	1431.9	1482.4
15°	1985.2	1959.1	1895.5	1689.9	1493.6	1467.4	1422.5	1405.7	1426.3	1491.7	1643.1
17.5°	1962.8	1932.9	1854.4	1587.0	1433.7	1415.1	1383.3	1416.9	1532.8	1620.7	1671.2
20°	1932.9	1897.4	1807.6	1512.3	1390.7	1373.9	1359.0	1510.4	1598.3	1630.0	1658.1
22.5°	1897.4	1860.0	1744.1	1459.9	1345.9	1332.8	1342.1	1562.7	1598.3	1620.7	1645.0
25°	1850.6	1818.8	1669.3	1418.8	1310.4	1295.4	1330.9	1557.1	1577.7	1583.3	1631.9
27.5°	1807.6	1766.5	1590.8	1381.4	1267.4	1261.8	1340.3	1532.8	1547.8	1553.4	1605.7
30°	1755.3	1693.6	1502.9	1342.1	1222.5	1220.6	1342.1	1502.9	1499.2	1514.1	1566.5
32.5°	1701.1	1585.2	1403.8	1293.5	1179.5	1177.6	1329.1	1458.0	1454.3	1474.9	1514.1
35°	1650.6	1501.0	1269.2	1237.5	1125.3	1127.2	1297.3	1405.7	1407.6	1426.3	1450.6
37.5°	1598.3	1428.1	1121.6	1175.8	1073.0	1073.0	1254.3	1357.1	1353.4	1359.0	1392.6
40°	1536.6	1314.1	990.8	1095.5	1024.4	1018.8	1201.9	1304.8	1291.7	1289.8	1336.5
42.5°	1471.1	1188.9	893.6	988.9	968.4	960.9	1138.4	1241.2	1216.9	1222.5	1282.3
45°	1400.1	1155.2	818.8	835.6	910.4	904.8	1069.3	1168.3	1151.5	1166.4	1228.1
47.5°	1329.1	1088.0	794.5	693.6	848.7	846.8	992.7	1097.3	1088.0	1103.0	1168.3
50°	1231.8	1013.2	792.6	594.5	779.5	787.0	901.1	1028.2	1028.2	1041.3	1110.4
52.5°	1106.7	921.6	719.7	538.4	699.2	721.6	820.7	968.4	972.1	985.2	1046.9
55°	992.7	826.3	667.4	495.4	603.8	652.4	742.2	906.7	914.1	927.2	983.3
57.5°	888.0	687.9	656.2	444.9	516.0	562.7	673.0	846.8	850.6	861.8	916.0
60°	775.8	497.3	602.0	390.7	439.3	474.8	609.4	775.8	788.9	796.4	843.1
62.5°	648.7	360.8	545.9	353.3	401.9	409.4	557.1	708.5	725.3	730.9	759.0
65°	461.7	302.8	463.6	321.5	362.7	364.5	501.0	639.3	654.3	663.6	684.2
67.5°	312.2	246.8	353.3	291.6	332.8	334.6	446.8	559.0	579.5	587.0	600.1
70°	216.9	164.5	261.7	259.8	299.1	302.8	388.8	486.0	504.7	510.3	517.8
72.5°	158.9	132.7	216.9	233.7	263.6	267.3	329.0	403.8	422.5	428.1	431.8
75°	121.5	140.2	175.7	203.8	224.3	226.2	269.2	329.0	342.1	345.8	347.7
77.5°	97.2	130.9	129.0	164.5	183.2	179.5	211.2	254.2	265.5	265.5	265.5
80°	72.9	102.8	97.2	117.8	134.6	130.9	151.4	181.3	185.1	188.8	186.9
82.5°	54.2	65.4	65.4	74.8	89.7	86.0	100.9	117.8	117.8	117.8	121.5
85°	33.6	37.4	29.9	39.3	50.5	48.6	56.1	63.6	65.4	65.4	61.7
87.5°	20.6	16.8	9.3	15.0	22.4	22.4	26.2	28.0	26.2	26.2	26.2
90°	25.1	17.5	9.7	17.5	25.1	27.1	42.6	63.3	73.6	65.3	49.0
92.5°	170.4	104.5	38.7	104.5	170.4	186.8	262.7	363.7	414.3	363.0	260.7
95°	333.9	213.4	92.9	213.4	333.9	364.0	646.3	1022.7	1210.8	1080.5	819.8
97.5°	373.2	267.0	160.7	267.0	373.2	399.8	870.5	1498.1	1811.9	1729.6	1564.8
100°	405.7	309.3	212.9	309.3	405.7	429.8	952.1	1648.5	1996.8	2002.8	2014.9
102.5°	437.3	347.3	257.4	347.3	437.3	459.8	989.6	1695.9	2049.1	2154.0	2364.0
105°	485.2	409.1	332.9	409.1	485.2	504.3	1017.2	1701.3	2043.3	2278.5	2749.2
107.5°	552.3	481.4	410.4	481.4	552.3	570.1	1022.4	1625.5	1927.1	2255.4	2911.8
110°	590.9	526.8	462.7	526.8	590.9	606.9	1014.7	1558.4	1830.3	2197.3	2931.1



TEST NUMBER: P935547

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-5000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	636.2	575.0	514.0	575.0	636.2	651.4	1015.0	1499.8	1742.2	2117.8	2868.8
115°	704.0	647.8	591.4	647.8	704.0	718.1	1024.3	1432.6	1636.8	1998.5	2722.1
117.5°	770.2	719.1	667.8	719.1	770.2	783.0	1043.4	1390.6	1564.1	1890.6	2543.6
120°	808.7	760.6	712.3	760.6	808.7	820.8	1058.8	1376.4	1535.1	1833.4	2430.0
122.5°	853.1	804.5	755.9	804.5	853.1	865.3	1081.1	1368.9	1512.8	1781.5	2318.8
125°	911.3	867.0	822.7	867.0	911.3	922.4	1111.1	1362.8	1488.6	1716.9	2173.3
127.5°	966.4	921.7	876.9	921.7	966.4	977.6	1141.2	1359.2	1468.3	1664.2	2056.2
130°	1002.3	954.1	905.9	954.1	1002.3	1014.3	1163.1	1361.4	1460.6	1635.0	1983.9
132.5°	1032.3	984.2	935.9	984.2	1032.3	1044.3	1180.8	1362.8	1453.7	1609.9	1922.2
135°	1068.3	1024.3	980.5	1024.3	1068.3	1079.2	1200.2	1361.5	1442.2	1572.9	1834.5
137.5°	1112.9	1069.4	1025.9	1069.4	1112.9	1123.7	1229.2	1369.9	1440.2	1550.8	1771.9
140°	1143.7	1103.7	1063.7	1103.7	1143.7	1153.7	1247.0	1371.3	1433.5	1529.0	1720.0
142.5°	1166.7	1129.8	1092.8	1129.8	1166.7	1176.0	1261.8	1376.3	1433.5	1517.3	1685.1
145°	1201.8	1169.5	1137.3	1169.5	1201.8	1209.9	1281.2	1376.3	1423.7	1492.4	1629.7
147.5°	1244.7	1213.2	1181.8	1213.2	1244.7	1252.5	1309.6	1385.7	1423.7	1477.8	1585.7
150°	1267.6	1239.2	1210.8	1239.2	1267.6	1274.8	1324.4	1390.7	1423.7	1469.4	1560.6
152.5°	1283.8	1262.3	1240.8	1262.3	1283.8	1289.2	1334.1	1393.8	1423.7	1462.7	1540.6
155°	1317.2	1301.3	1285.4	1301.3	1317.2	1321.2	1355.4	1400.9	1423.7	1454.8	1516.7
157.5°	1349.2	1333.7	1318.3	1333.7	1349.2	1353.1	1376.6	1408.0	1423.7	1447.9	1496.0
160°	1364.7	1352.6	1340.6	1352.6	1364.7	1367.7	1386.4	1411.3	1423.7	1444.4	1485.7
162.5°	1380.8	1371.8	1362.8	1371.8	1380.8	1383.1	1396.6	1414.7	1423.7	1441.1	1476.0
165°	1403.4	1395.2	1387.0	1395.2	1403.4	1405.4	1411.5	1419.6	1423.7	1436.3	1461.2
167.5°	1417.0	1413.1	1409.3	1413.1	1417.0	1417.9	1423.1	1430.0	1433.5	1441.6	1458.0
170°	1431.6	1427.7	1423.7	1427.7	1431.6	1432.5	1432.8	1433.3	1433.5	1441.6	1458.0
172.5°	1433.3	1432.3	1431.5	1432.3	1433.3	1433.5	1433.5	1433.5	1433.5	1439.9	1452.8
175°	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1439.3	1435.4	1433.5	1437.6	1445.7
177.5°	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1439.9	1436.9	1435.4	1438.6	1445.1
180°	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2



TEST NUMBER: P935547

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-5000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9
2.5°	1906.7	1901.1	1908.6	1888.0	1908.6	1901.1	1906.7	1919.8	1908.6	1916.1	1923.5
5°	1673.0	1663.7	1633.8	1609.5	1633.8	1663.7	1673.0	1712.3	1731.0	1764.6	1809.5
7.5°	1495.4	1488.0	1480.5	1465.5	1480.5	1488.0	1495.4	1506.7	1525.3	1555.3	1588.9
10°	1456.2	1458.0	1469.3	1467.4	1469.3	1458.0	1456.2	1452.4	1446.8	1452.4	1473.0
12.5°	1557.1	1574.0	1635.6	1631.9	1635.6	1574.0	1557.1	1482.4	1431.9	1422.5	1426.3
15°	1673.0	1678.6	1691.7	1693.6	1691.7	1678.6	1673.0	1643.1	1491.7	1426.3	1405.7
17.5°	1684.2	1686.1	1695.5	1695.5	1695.5	1686.1	1684.2	1671.2	1620.7	1532.8	1416.9
20°	1674.9	1678.6	1697.3	1701.1	1697.3	1678.6	1674.9	1658.1	1630.0	1598.3	1510.4
22.5°	1671.2	1678.6	1693.6	1691.7	1693.6	1678.6	1671.2	1645.0	1620.7	1598.3	1562.7
25°	1652.5	1652.5	1654.3	1656.2	1654.3	1652.5	1652.5	1631.9	1583.3	1577.7	1557.1
27.5°	1613.2	1616.9	1628.2	1626.3	1628.2	1616.9	1613.2	1605.7	1553.4	1547.8	1532.8
30°	1577.7	1574.0	1564.6	1557.1	1564.6	1574.0	1577.7	1566.5	1514.1	1499.2	1502.9
32.5°	1517.9	1508.5	1499.2	1493.6	1499.2	1508.5	1517.9	1514.1	1474.9	1454.3	1458.0
35°	1446.8	1448.7	1446.8	1441.2	1446.8	1448.7	1446.8	1450.6	1426.3	1407.6	1405.7
37.5°	1396.4	1400.1	1398.2	1390.7	1398.2	1400.1	1396.4	1392.6	1359.0	1353.4	1357.1
40°	1344.0	1345.9	1344.0	1338.4	1344.0	1345.9	1344.0	1336.5	1289.8	1291.7	1304.8
42.5°	1293.5	1291.7	1286.1	1282.3	1286.1	1291.7	1293.5	1282.3	1222.5	1216.9	1241.2
45°	1235.6	1237.5	1226.2	1220.6	1226.2	1237.5	1235.6	1228.1	1166.4	1151.5	1168.3
47.5°	1177.6	1177.6	1168.3	1162.7	1168.3	1177.6	1177.6	1168.3	1103.0	1088.0	1097.3
50°	1115.9	1114.2	1101.1	1099.2	1101.1	1114.2	1115.9	1110.4	1041.3	1028.2	1028.2
52.5°	1045.0	1045.0	1046.9	1050.6	1046.9	1045.0	1045.0	1046.9	985.2	972.1	968.4
55°	983.3	985.2	998.3	1002.0	998.3	985.2	983.3	983.3	927.2	914.1	906.7
57.5°	919.8	919.8	929.1	929.1	929.1	919.8	919.8	916.0	861.8	850.6	846.8
60°	846.8	850.6	858.1	856.2	858.1	850.6	846.8	843.1	796.4	788.9	775.8
62.5°	770.2	773.9	775.8	772.1	775.8	773.9	770.2	759.0	730.9	725.3	708.5
65°	689.8	693.6	695.4	691.7	695.4	693.6	689.8	684.2	663.6	654.3	639.3
67.5°	607.6	605.7	603.8	611.3	603.8	605.7	607.6	600.1	587.0	579.5	559.0
70°	523.4	523.4	521.6	525.3	521.6	523.4	523.4	517.8	510.3	504.7	486.0
72.5°	433.7	431.8	439.3	433.7	439.3	431.8	433.7	431.8	428.1	422.5	403.8
75°	345.8	349.6	345.8	351.4	345.8	349.6	345.8	347.7	345.8	342.1	329.0
77.5°	263.6	267.3	263.6	263.6	263.6	267.3	263.6	265.5	265.5	265.5	254.2
80°	186.9	185.1	185.1	183.2	185.1	185.1	186.9	186.9	188.8	185.1	181.3
82.5°	119.6	117.8	117.8	121.5	117.8	117.8	119.6	121.5	117.8	117.8	117.8
85°	65.4	67.3	63.6	63.6	63.6	67.3	65.4	61.7	65.4	65.4	63.6
87.5°	24.3	22.4	22.4	22.4	22.4	22.4	24.3	26.2	26.2	26.2	28.0
90°	36.7	36.7	36.7	36.7	36.7	36.7	36.7	49.0	65.3	73.6	63.3
92.5°	183.9	176.6	147.3	118.1	147.3	176.6	183.9	260.7	363.0	414.3	363.7
95°	624.3	602.1	513.5	424.9	513.5	602.1	624.3	819.8	1080.5	1210.8	1022.7
97.5°	1441.2	1399.1	1230.4	1061.8	1230.4	1399.1	1441.2	1564.8	1729.6	1811.9	1498.1
100°	2023.9	1973.7	1772.8	1571.9	1772.8	1973.7	2023.9	2014.9	2002.8	1996.8	1648.5
102.5°	2521.4	2478.4	2306.3	2134.2	2306.3	2478.4	2521.4	2364.0	2154.0	2049.1	1695.9
105°	3102.1	3079.0	2986.5	2894.0	2986.5	3079.0	3102.1	2749.2	2278.5	2043.3	1701.3
107.5°	3404.1	3409.7	3432.1	3454.4	3432.1	3409.7	3404.1	2911.8	2255.4	1927.1	1625.5
110°	3481.5	3505.6	3602.0	3698.4	3602.0	3505.6	3481.5	2931.1	2197.3	1830.3	1558.4



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3432.1	3469.2	3617.1	3765.1	3617.1	3469.2	3432.1	2868.8	2117.8	1742.2	1499.8
115°	3264.7	3316.1	3521.2	3726.4	3521.2	3316.1	3264.7	2722.1	1998.5	1636.8	1432.6
117.5°	3033.4	3090.3	3317.8	3545.4	3317.8	3090.3	3033.4	2543.6	1890.6	1564.1	1390.6
120°	2877.6	2932.8	3154.0	3375.0	3154.0	2932.8	2877.6	2430.0	1833.4	1535.1	1376.4
122.5°	2721.8	2776.3	2994.4	3212.5	2994.4	2776.3	2721.8	2318.8	1781.5	1512.8	1368.9
125°	2515.6	2565.8	2766.7	2967.6	2766.7	2565.8	2515.6	2173.3	1716.9	1488.6	1362.8
127.5°	2350.0	2392.4	2561.9	2731.4	2561.9	2392.4	2350.0	2056.2	1664.2	1468.3	1359.2
130°	2245.5	2284.7	2441.3	2597.8	2441.3	2284.7	2245.5	1983.9	1635.0	1460.6	1361.4
132.5°	2156.5	2191.5	2331.8	2472.0	2331.8	2191.5	2156.5	1922.2	1609.9	1453.7	1362.8
135°	2030.6	2060.8	2181.8	2302.6	2181.8	2060.8	2030.6	1834.5	1572.9	1442.2	1361.5
137.5°	1937.7	1962.5	2061.4	2160.4	2061.4	1962.5	1937.7	1771.9	1550.8	1440.2	1369.9
140°	1863.2	1886.3	1978.9	2071.3	1978.9	1886.3	1863.2	1720.0	1529.0	1433.5	1371.3
142.5°	1810.9	1830.8	1910.4	1990.0	1910.4	1830.8	1810.9	1685.1	1517.3	1433.5	1376.3
145°	1732.6	1747.6	1807.8	1868.0	1807.8	1747.6	1732.6	1629.7	1492.4	1423.7	1376.3
147.5°	1666.8	1679.2	1729.1	1779.0	1729.1	1679.2	1666.8	1585.7	1477.8	1423.7	1385.7
150°	1629.0	1639.1	1679.6	1720.0	1679.6	1639.1	1629.0	1560.6	1469.4	1423.7	1390.7
152.5°	1599.0	1606.7	1637.1	1667.7	1637.1	1606.7	1599.0	1540.6	1462.7	1423.7	1393.8
155°	1563.2	1568.2	1588.4	1608.6	1588.4	1568.2	1563.2	1516.7	1454.8	1423.7	1400.9
157.5°	1532.2	1535.7	1549.9	1564.1	1549.9	1535.7	1532.2	1496.0	1447.9	1423.7	1408.0
160°	1516.7	1518.7	1526.8	1535.1	1526.8	1518.7	1516.7	1485.7	1444.4	1423.7	1411.3
162.5°	1502.2	1504.1	1511.9	1519.6	1511.9	1504.1	1502.2	1476.0	1441.1	1423.7	1414.7
165°	1479.9	1482.0	1490.1	1498.3	1490.1	1482.0	1479.9	1461.2	1436.3	1423.7	1419.6
167.5°	1470.2	1471.0	1474.5	1478.0	1474.5	1471.0	1470.2	1458.0	1441.6	1433.5	1430.0
170°	1470.2	1470.2	1470.2	1470.2	1470.2	1470.2	1470.2	1458.0	1441.6	1433.5	1433.3
172.5°	1462.5	1461.8	1458.7	1455.7	1458.7	1461.8	1462.5	1452.8	1439.9	1433.5	1433.5
175°	1451.9	1451.9	1451.9	1451.9	1451.9	1451.9	1451.9	1445.7	1437.6	1433.5	1435.4
177.5°	1449.9	1449.1	1445.6	1442.2	1445.6	1449.1	1449.9	1445.1	1438.6	1435.4	1436.9
180°	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1975.9	1975.9	1975.9	1975.9	1975.9
2.5°	1951.6	1960.9	1966.5	1974.0	1992.7
5°	1876.8	1912.3	1923.5	1951.6	1985.2
7.5°	1712.3	1820.7	1850.6	1917.9	1970.3
10°	1553.4	1661.8	1714.2	1873.1	1951.6
12.5°	1473.0	1536.6	1572.1	1794.5	1925.4
15°	1422.5	1467.4	1493.6	1689.9	1895.5
17.5°	1383.3	1415.1	1433.7	1587.0	1854.4
20°	1359.0	1373.9	1390.7	1512.3	1807.6
22.5°	1342.1	1332.8	1345.9	1459.9	1744.1
25°	1330.9	1295.4	1310.4	1418.8	1669.3
27.5°	1340.3	1261.8	1267.4	1381.4	1590.8
30°	1342.1	1220.6	1222.5	1342.1	1502.9
32.5°	1329.1	1177.6	1179.5	1293.5	1403.8
35°	1297.3	1127.2	1125.3	1237.5	1269.2
37.5°	1254.3	1073.0	1073.0	1175.8	1121.6
40°	1201.9	1018.8	1024.4	1095.5	990.8
42.5°	1138.4	960.9	968.4	988.9	893.6
45°	1069.3	904.8	910.4	835.6	818.8
47.5°	992.7	846.8	848.7	693.6	794.5
50°	901.1	787.0	779.5	594.5	792.6
52.5°	820.7	721.6	699.2	538.4	719.7
55°	742.2	652.4	603.8	495.4	667.4
57.5°	673.0	562.7	516.0	444.9	656.2
60°	609.4	474.8	439.3	390.7	602.0
62.5°	557.1	409.4	401.9	353.3	545.9
65°	501.0	364.5	362.7	321.5	463.6
67.5°	446.8	334.6	332.8	291.6	353.3
70°	388.8	302.8	299.1	259.8	261.7
72.5°	329.0	267.3	263.6	233.7	216.9
75°	269.2	226.2	224.3	203.8	175.7
77.5°	211.2	179.5	183.2	164.5	129.0
80°	151.4	130.9	134.6	117.8	97.2
82.5°	100.9	86.0	89.7	74.8	65.4
85°	56.1	48.6	50.5	39.3	29.9
87.5°	26.2	22.4	22.4	15.0	9.3
90°	42.6	27.1	25.1	17.5	9.7
92.5°	262.7	186.8	170.4	104.5	38.7
95°	646.3	364.0	333.9	213.4	92.9
97.5°	870.5	399.8	373.2	267.0	160.7
100°	952.1	429.8	405.7	309.3	212.9
102.5°	989.6	459.8	437.3	347.3	257.4
105°	1017.2	504.3	485.2	409.1	332.9
107.5°	1022.4	570.1	552.3	481.4	410.4
110°	1014.7	606.9	590.9	526.8	462.7



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CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-5000K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	1015.0	651.4	636.2	575.0	514.0
115°	1024.3	718.1	704.0	647.8	591.4
117.5°	1043.4	783.0	770.2	719.1	667.8
120°	1058.8	820.8	808.7	760.6	712.3
122.5°	1081.1	865.3	853.1	804.5	755.9
125°	1111.1	922.4	911.3	867.0	822.7
127.5°	1141.2	977.6	966.4	921.7	876.9
130°	1163.1	1014.3	1002.3	954.1	905.9
132.5°	1180.8	1044.3	1032.3	984.2	935.9
135°	1200.2	1079.2	1068.3	1024.3	980.5
137.5°	1229.2	1123.7	1112.9	1069.4	1025.9
140°	1247.0	1153.7	1143.7	1103.7	1063.7
142.5°	1261.8	1176.0	1166.7	1129.8	1092.8
145°	1281.2	1209.9	1201.8	1169.5	1137.3
147.5°	1309.6	1252.5	1244.7	1213.2	1181.8
150°	1324.4	1274.8	1267.6	1239.2	1210.8
152.5°	1334.1	1289.2	1283.8	1262.3	1240.8
155°	1355.4	1321.2	1317.2	1301.3	1285.4
157.5°	1376.6	1353.1	1349.2	1333.7	1318.3
160°	1386.4	1367.7	1364.7	1352.6	1340.6
162.5°	1396.6	1383.1	1380.8	1371.8	1362.8
165°	1411.5	1405.4	1403.4	1395.2	1387.0
167.5°	1423.1	1417.9	1417.0	1413.1	1409.3
170°	1432.8	1432.5	1431.6	1427.7	1423.7
172.5°	1433.5	1433.5	1433.3	1432.3	1431.5
175°	1439.3	1442.2	1442.2	1442.2	1442.2
177.5°	1439.9	1442.2	1442.2	1442.2	1442.2
180°	1442.2	1442.2	1442.2	1442.2	1442.2



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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	10.98	11.73	12.06	12.80	14.27	13.82	14.56	14.89	15.64	17.10
	3H	11.45	12.12	12.53	13.20	14.68	15.16	15.83	16.24	16.91	18.39
	4H	11.64	12.27	12.73	13.35	14.84	15.60	16.23	16.69	17.32	18.81
	6H	11.75	12.33	12.85	13.42	14.92	15.88	16.46	16.98	17.55	19.05
	8H	11.75	12.30	12.85	13.40	14.90	15.95	16.51	17.06	17.61	19.10
	12H	11.71	12.24	12.83	13.34	14.86	15.99	16.51	17.10	17.61	19.13
4H	2H	12.00	12.64	13.10	13.72	15.21	14.22	14.85	15.32	15.93	17.42
	3H	13.02	13.55	14.13	14.66	16.16	15.71	16.24	16.82	17.35	18.85
	4H	13.29	13.77	14.40	14.87	16.40	16.24	16.72	17.35	17.82	19.34
	6H	13.41	13.82	14.53	14.95	16.46	16.60	17.01	17.72	18.14	19.65
	8H	13.41	13.80	14.53	14.91	16.45	16.70	17.09	17.82	18.21	19.74
	12H	13.37	13.72	14.51	14.85	16.39	16.75	17.11	17.89	18.23	19.77
8H	4H	13.74	14.12	14.85	15.24	16.77	16.35	16.74	17.47	17.85	19.39
	6H	13.99	14.31	15.13	15.47	17.00	16.79	17.10	17.93	18.26	19.79
	8H	14.03	14.31	15.18	15.45	17.00	16.94	17.22	18.08	18.36	19.90
	12H	14.01	14.26	15.16	15.39	16.98	17.03	17.28	18.18	18.41	20.00
12H	4H	13.74	14.09	14.87	15.22	16.75	16.31	16.66	17.45	17.79	19.33
	6H	14.05	14.33	15.20	15.47	17.02	16.78	17.06	17.93	18.20	19.75
	8H	14.11	14.36	15.26	15.49	17.08	16.94	17.18	18.09	18.32	19.90