

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: P935687

Luminaire Tested: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-6-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935687
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-B2750-1D-UNV-STD-W-6-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

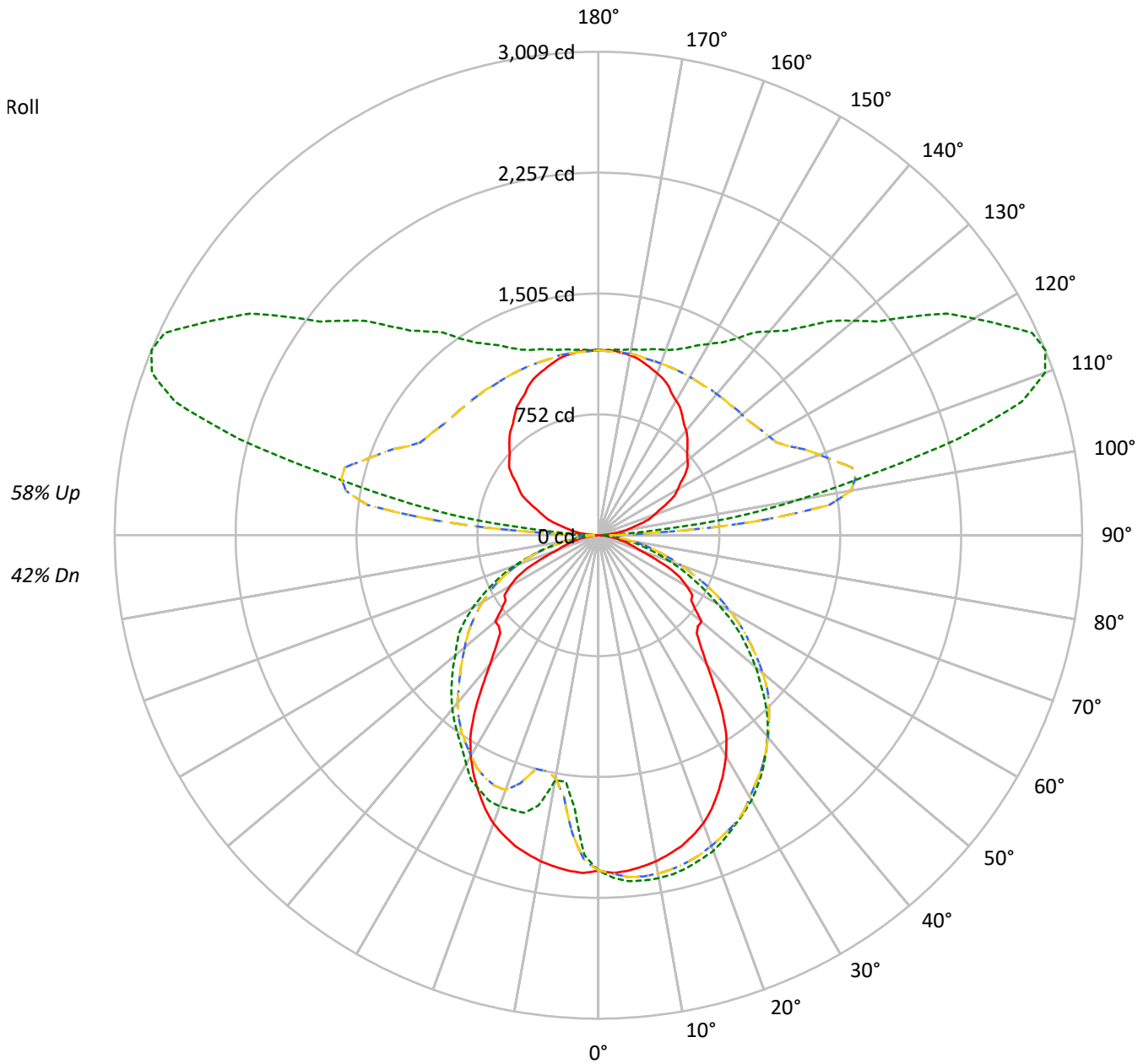
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12885.2 lumens
Efficiency: N/A
Efficacy: 133.4 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°	12906	12906	12906	12906
5°	12997	13028	12997	10244
10°	12906	12833	12906	9175
15°	12761	12555	12761	10484
20°	12489	12226	12489	10506
25°	11937	11746	11937	10283
30°	11227	11347	11227	9794
35°	10004	10841	10004	9257
40°	8331	10248	8331	8851
45°	7439	9553	7439	8384
50°	7896	8724	7896	7916
55°	7424	7830	7424	7646
60°	7642	6651	7642	7002
65°	6918	5497	6918	6145
70°	4779	4381	4779	5151
75°	4176	3239	4176	3879
80°	3339	2142	3339	2331
85°	1884	1135	1884	964

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11410 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.3	1.5
10°-20°	534.7	4.1
20°-30°	826.5	6.4
30°-40°	986.7	7.7
40°-50°	992.5	7.7
50°-60°	863.6	6.7
60°-70°	612.3	4.8
70°-80°	323.9	2.5
80°-90°	85.1	0.7
90°-100°	561.8	4.4
100°-110°	1477.0	11.5
110°-120°	1531.5	11.9
120°-130°	1228.5	9.5
130°-140°	963.9	7.5
140°-150°	739.8	5.7
150°-160°	532.8	4.1
160°-170°	326.0	2.5
170°-180°	110.1	0.9
0°-30°	1549.6	12.0
0°-40°	2536.3	19.7
0°-60°	4392.4	34.1
0°-90°	5413.7	42.0
90°-120°	3570.4	27.7
90°-150°	6502.6	50.5
90°-180°	7472.0	58.0
0°-180°	12885.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2086	2086	2086	2086	2086	
5°	2096	2161	2096	1699	2096	199
15°	2001	2142	2001	1788	2001	563
25°	1762	1998	1762	1749	1762	809
35°	1340	1782	1340	1522	1340	829
45°	864	1468	864	1289	864	692
55°	705	1084	705	1058	705	647
65°	490	653	490	730	490	468
75°	186	310	186	371	186	195
85°	32	79	32	67	32	43
90°	8	29	8	29	8	8
95°	74	340	74	340	74	82
105°	266	2313	266	2313	266	282
115°	473	2978	473	2978	473	467
125°	658	2372	658	2372	658	584
135°	784	1840	784	1840	784	606
145°	909	1493	909	1493	909	569
155°	1027	1286	1027	1286	1027	472
165°	1108	1197	1108	1197	1108	313
175°	1153	1160	1153	1160	1153	109
180°	1153	1153	1153	1153	1153	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2
2.5°	2104.0	2104.0	2115.9	2119.8	2119.8	2113.9	2107.9	2113.9	2131.6	2137.6	2135.6
5°	2096.1	2111.9	2133.6	2137.6	2141.5	2139.5	2135.6	2139.5	2159.2	2163.2	2165.2
7.5°	2080.3	2109.9	2137.6	2143.5	2149.4	2143.5	2141.5	2145.5	2165.2	2169.2	2169.2
10°	2060.6	2102.1	2133.6	2137.6	2143.5	2137.6	2137.6	2145.5	2165.2	2169.2	2171.1
12.5°	2032.9	2090.2	2119.8	2123.8	2131.6	2129.6	2127.7	2135.6	2155.3	2159.2	2159.2
15°	2001.4	2068.5	2096.1	2100.1	2113.9	2109.9	2109.9	2117.8	2139.5	2145.5	2143.5
17.5°	1957.9	2040.8	2072.5	2078.4	2088.2	2086.2	2088.2	2096.1	2115.9	2119.8	2121.8
20°	1908.6	2003.4	2040.8	2046.8	2056.6	2056.6	2056.6	2066.5	2086.2	2094.2	2094.2
22.5°	1841.5	1963.9	2003.4	2007.3	2019.2	2019.2	2023.1	2036.9	2054.6	2056.6	2056.6
25°	1762.5	1920.5	1954.1	1965.8	1977.7	1983.6	1989.5	1997.5	2003.4	2001.4	2003.4
27.5°	1679.7	1865.2	1908.6	1916.5	1932.3	1938.2	1946.1	1948.1	1950.1	1955.9	1952.1
30°	1586.9	1788.2	1853.4	1861.2	1886.9	1890.8	1882.9	1886.9	1896.8	1900.8	1904.7
32.5°	1482.2	1673.8	1796.1	1813.9	1837.5	1825.7	1823.8	1829.7	1845.5	1845.5	1849.4
35°	1340.2	1584.9	1742.8	1758.6	1776.4	1762.5	1770.5	1772.4	1782.2	1788.2	1786.2
37.5°	1184.2	1507.9	1687.5	1699.4	1713.2	1695.5	1707.2	1713.2	1721.1	1717.2	1717.2
40°	1046.1	1387.5	1622.4	1630.4	1642.2	1628.4	1640.2	1644.1	1648.1	1644.1	1642.2
42.5°	943.4	1255.3	1553.4	1563.2	1555.4	1565.2	1569.1	1577.1	1571.1	1563.2	1563.2
45°	864.5	1219.8	1478.4	1490.2	1478.4	1494.1	1500.1	1500.1	1482.2	1478.4	1476.4
47.5°	838.8	1148.7	1403.4	1403.4	1397.4	1417.1	1427.0	1413.2	1395.4	1389.5	1389.5
50°	836.8	1069.8	1300.7	1292.8	1320.4	1344.1	1334.2	1320.4	1306.7	1284.9	1284.9
52.5°	759.8	973.1	1168.4	1198.1	1241.5	1255.3	1239.5	1225.7	1202.0	1192.1	1184.2
55°	704.7	872.4	1048.1	1107.3	1152.7	1170.4	1140.8	1127.0	1091.5	1085.5	1081.7
57.5°	692.8	726.4	937.5	1012.5	1067.8	1065.8	1048.1	1022.4	992.8	986.8	984.9
60°	635.5	525.0	819.1	908.0	965.1	959.2	943.4	919.8	892.1	888.2	884.2
62.5°	576.3	381.0	684.8	785.5	866.5	864.5	850.7	815.1	795.4	785.5	777.7
65°	489.5	319.7	487.5	653.3	769.8	773.7	744.1	718.4	696.7	684.8	683.0
67.5°	373.0	260.6	329.6	544.7	677.0	673.1	635.5	623.7	596.1	590.1	578.3
70°	276.3	173.7	229.0	442.1	586.2	576.3	546.7	533.0	507.3	493.4	485.6
72.5°	229.0	140.1	167.7	343.4	493.4	481.6	456.0	440.1	418.4	406.6	398.7
75°	185.6	148.0	128.3	254.6	400.7	392.8	369.1	353.3	335.6	319.7	321.7
77.5°	136.2	138.1	102.6	187.5	317.7	306.0	292.1	272.4	264.4	248.7	248.7
80°	102.6	108.6	77.0	128.3	229.0	229.0	217.1	203.3	189.4	181.6	181.6
82.5°	69.1	69.1	57.3	80.9	156.0	150.0	142.1	138.1	130.3	126.3	126.3
85°	31.6	39.4	35.6	49.3	84.9	88.8	88.8	84.9	82.9	79.0	80.9
87.5°	9.9	17.7	21.7	27.6	43.4	45.4	47.4	47.4	47.4	49.3	49.3
90°	7.8	13.9	20.1	21.6	34.0	50.5	58.8	52.2	39.1	29.4	29.4
92.5°	31.0	83.6	136.2	149.3	209.9	290.6	331.1	290.1	208.4	147.0	141.1
95°	74.3	170.5	266.7	290.8	516.4	817.3	967.7	863.5	655.2	498.9	481.2
97.5°	128.4	213.2	298.2	319.4	695.6	1197.3	1448.1	1382.2	1250.6	1151.8	1118.1
100°	170.2	247.2	324.2	343.4	760.8	1317.5	1595.8	1600.6	1610.2	1617.4	1577.3
102.5°	205.8	277.6	349.5	367.4	790.8	1355.3	1637.5	1721.4	1889.2	2015.0	1980.6
105°	266.1	327.0	387.7	403.0	812.9	1359.6	1632.9	1821.0	2197.1	2479.1	2460.6
107.5°	328.0	384.7	441.4	455.6	817.1	1299.1	1540.1	1802.5	2327.1	2720.5	2725.0
110°	369.7	420.9	472.1	485.0	810.8	1245.4	1462.7	1755.9	2342.5	2782.4	2801.6



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	410.8	459.6	508.4	520.6	811.1	1198.6	1392.3	1692.4	2292.7	2742.9	2772.5
115°	472.6	517.6	562.7	574.0	818.7	1144.9	1308.0	1597.2	2175.5	2609.1	2650.2
117.5°	533.8	574.7	615.5	625.8	833.9	1111.2	1250.0	1510.9	2032.8	2424.3	2469.7
120°	569.3	607.9	646.3	656.0	846.2	1099.9	1226.8	1465.2	1942.0	2299.7	2343.9
122.5°	604.2	643.0	681.9	691.5	864.0	1094.0	1209.0	1423.8	1853.2	2175.2	2218.7
125°	657.5	692.9	728.3	737.1	888.0	1089.1	1189.7	1372.1	1736.8	2010.4	2050.6
127.5°	700.8	736.5	772.3	781.3	912.0	1086.3	1173.5	1330.1	1643.3	1878.2	1912.0
130°	724.0	762.5	801.0	810.6	929.5	1087.9	1167.2	1306.7	1585.4	1794.6	1825.9
132.5°	748.0	786.5	825.0	834.6	943.7	1089.1	1161.8	1286.6	1536.2	1723.4	1751.4
135°	783.6	818.6	853.7	862.4	959.1	1088.1	1152.6	1257.1	1466.1	1622.9	1647.0
137.5°	819.9	854.7	889.4	898.1	982.4	1094.8	1151.0	1239.3	1416.0	1548.6	1568.3
140°	850.1	882.1	914.0	922.0	996.5	1095.9	1145.6	1221.9	1374.6	1489.0	1507.5
142.5°	873.3	902.9	932.5	939.8	1008.4	1099.9	1145.6	1212.6	1346.7	1447.3	1463.2
145°	908.8	934.6	960.4	966.9	1023.9	1099.9	1137.8	1192.7	1302.4	1384.6	1396.7
147.5°	944.5	969.6	994.7	1001.0	1046.6	1107.5	1137.8	1181.0	1267.3	1332.1	1342.0
150°	967.7	990.4	1013.0	1018.7	1058.4	1111.3	1137.8	1174.3	1247.2	1301.9	1309.9
152.5°	991.6	1008.8	1026.1	1030.4	1066.2	1113.9	1137.8	1168.9	1231.2	1277.9	1283.9
155°	1027.3	1040.0	1052.7	1055.9	1083.2	1119.6	1137.8	1162.6	1212.1	1249.3	1253.4
157.5°	1053.6	1065.9	1078.3	1081.4	1100.2	1125.3	1137.8	1157.1	1195.6	1224.5	1227.3
160°	1071.3	1081.0	1090.6	1093.0	1108.0	1127.9	1137.8	1154.4	1187.3	1212.1	1213.7
162.5°	1089.1	1096.3	1103.6	1105.4	1116.2	1130.7	1137.8	1151.8	1179.6	1200.5	1202.1
165°	1108.4	1115.0	1121.6	1123.2	1128.1	1134.5	1137.8	1147.8	1167.8	1182.8	1184.3
167.5°	1126.3	1129.4	1132.5	1133.2	1137.3	1142.8	1145.6	1152.2	1165.2	1175.0	1175.7
170°	1137.8	1140.9	1144.0	1144.8	1145.1	1145.4	1145.6	1152.2	1165.2	1175.0	1175.0
172.5°	1144.0	1144.7	1145.4	1145.6	1145.6	1145.6	1145.6	1150.8	1161.0	1168.8	1168.2
175°	1152.6	1152.6	1152.6	1152.6	1150.3	1147.2	1145.6	1148.9	1155.5	1160.3	1160.3
177.5°	1152.6	1152.6	1152.6	1152.6	1150.8	1148.3	1147.1	1149.7	1154.9	1158.7	1158.0
180°	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2
2.5°	2139.5	2133.6	2139.5	2135.6	2137.6	2131.6	2113.9	2107.9	2113.9	2119.8	2119.8
5°	2165.2	2161.2	2165.2	2165.2	2163.2	2159.2	2139.5	2135.6	2139.5	2141.5	2137.6
7.5°	2173.1	2167.2	2173.1	2169.2	2169.2	2165.2	2145.5	2141.5	2143.5	2149.4	2143.5
10°	2173.1	2167.2	2173.1	2171.1	2169.2	2165.2	2145.5	2137.6	2137.6	2143.5	2137.6
12.5°	2163.2	2159.2	2163.2	2159.2	2159.2	2155.3	2135.6	2127.7	2129.6	2131.6	2123.8
15°	2147.5	2141.5	2147.5	2143.5	2145.5	2139.5	2117.8	2109.9	2109.9	2113.9	2100.1
17.5°	2123.8	2115.9	2123.8	2121.8	2119.8	2115.9	2096.1	2088.2	2086.2	2088.2	2078.4
20°	2096.1	2090.2	2096.1	2094.2	2094.2	2086.2	2066.5	2056.6	2056.6	2056.6	2046.8
22.5°	2052.7	2046.8	2052.7	2056.6	2056.6	2054.6	2036.9	2023.1	2019.2	2019.2	2007.3
25°	2003.4	1997.5	2003.4	2003.4	2001.4	2003.4	1997.5	1989.5	1983.6	1977.7	1965.8
27.5°	1955.9	1952.1	1955.9	1952.1	1955.9	1950.1	1948.1	1946.1	1938.2	1932.3	1916.5
30°	1908.6	1904.7	1908.6	1904.7	1900.8	1896.8	1886.9	1882.9	1890.8	1886.9	1861.2
32.5°	1849.4	1845.5	1849.4	1849.4	1845.5	1845.5	1829.7	1823.8	1825.7	1837.5	1813.9
35°	1788.2	1782.2	1788.2	1786.2	1788.2	1782.2	1772.4	1770.5	1762.5	1776.4	1758.6
37.5°	1717.2	1711.2	1717.2	1717.2	1717.2	1721.1	1713.2	1707.2	1695.5	1713.2	1699.4
40°	1644.1	1636.2	1644.1	1642.2	1644.1	1648.1	1644.1	1640.2	1628.4	1642.2	1630.4
42.5°	1561.2	1559.2	1561.2	1563.2	1563.2	1571.1	1577.1	1569.1	1565.2	1555.4	1563.2
45°	1472.4	1468.5	1472.4	1476.4	1478.4	1482.2	1500.1	1500.1	1494.1	1478.4	1490.2
47.5°	1377.7	1367.8	1377.7	1389.5	1389.5	1395.4	1413.2	1427.0	1417.1	1397.4	1403.4
50°	1277.0	1279.0	1277.0	1284.9	1284.9	1306.7	1320.4	1334.2	1344.1	1320.4	1292.8
52.5°	1178.4	1176.4	1178.4	1184.2	1192.1	1202.0	1225.7	1239.5	1255.3	1241.5	1198.1
55°	1079.7	1083.5	1079.7	1081.7	1085.5	1091.5	1127.0	1140.8	1170.4	1152.7	1107.3
57.5°	981.0	975.0	981.0	984.9	986.8	992.8	1022.4	1048.1	1065.8	1067.8	1012.5
60°	866.5	858.6	866.5	884.2	888.2	892.1	919.8	943.4	959.2	965.1	908.0
62.5°	765.8	752.0	765.8	777.7	785.5	795.4	815.1	850.7	864.5	866.5	785.5
65°	659.3	653.3	659.3	683.0	684.8	696.7	718.4	744.1	773.7	769.8	653.3
67.5°	562.5	562.5	562.5	578.3	590.1	596.1	623.7	635.5	673.1	677.0	544.7
70°	473.7	471.7	473.7	485.6	493.4	507.3	533.0	546.7	576.3	586.2	442.1
72.5°	388.8	386.8	388.8	398.7	406.6	418.4	440.1	456.0	481.6	493.4	343.4
75°	313.8	309.9	313.8	321.7	319.7	335.6	353.3	369.1	392.8	400.7	254.6
77.5°	240.8	240.8	240.8	248.7	248.7	264.4	272.4	292.1	306.0	317.7	187.5
80°	179.6	177.7	179.6	181.6	181.6	189.4	203.3	217.1	229.0	229.0	128.3
82.5°	126.3	122.4	126.3	126.3	126.3	130.3	138.1	142.1	150.0	156.0	80.9
85°	79.0	79.0	79.0	80.9	79.0	82.9	84.9	88.8	88.8	84.9	49.3
87.5°	51.3	49.3	51.3	49.3	49.3	47.4	47.4	47.4	45.4	43.4	27.6
90°	29.4	29.4	29.4	29.4	29.4	39.1	52.2	58.8	50.5	34.0	21.6
92.5°	117.7	94.3	117.7	141.1	147.0	208.4	290.1	331.1	290.6	209.9	149.3
95°	410.4	339.5	410.4	481.2	498.9	655.2	863.5	967.7	817.3	516.4	290.8
97.5°	983.4	848.6	983.4	1118.1	1151.8	1250.6	1382.2	1448.1	1197.3	695.6	319.4
100°	1416.8	1256.3	1416.8	1577.3	1617.4	1610.2	1600.6	1595.8	1317.5	760.8	343.4
102.5°	1843.1	1705.6	1843.1	1980.6	2015.0	1889.2	1721.4	1637.5	1355.3	790.8	367.4
105°	2386.7	2312.8	2386.7	2460.6	2479.1	2197.1	1821.0	1632.9	1359.6	812.9	403.0
107.5°	2742.8	2760.7	2742.8	2725.0	2720.5	2327.1	1802.5	1540.1	1299.1	817.1	455.6
110°	2878.6	2955.6	2878.6	2801.6	2782.4	2342.5	1755.9	1462.7	1245.4	810.8	485.0



TEST NUMBER: P935687

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2890.7	3009.0	2890.7	2772.5	2742.9	2292.7	1692.4	1392.3	1198.6	811.1	520.6
115°	2814.1	2978.0	2814.1	2650.2	2609.1	2175.5	1597.2	1308.0	1144.9	818.7	574.0
117.5°	2651.6	2833.4	2651.6	2469.7	2424.3	2032.8	1510.9	1250.0	1111.2	833.9	625.8
120°	2520.6	2697.3	2520.6	2343.9	2299.7	1942.0	1465.2	1226.8	1099.9	846.2	656.0
122.5°	2393.0	2567.3	2393.0	2218.7	2175.2	1853.2	1423.8	1209.0	1094.0	864.0	691.5
125°	2211.1	2371.7	2211.1	2050.6	2010.4	1736.8	1372.1	1189.7	1089.1	888.0	737.1
127.5°	2047.5	2182.9	2047.5	1912.0	1878.2	1643.3	1330.1	1173.5	1086.3	912.0	781.3
130°	1951.1	2076.2	1951.1	1825.9	1794.6	1585.4	1306.7	1167.2	1087.9	929.5	810.6
132.5°	1863.5	1975.6	1863.5	1751.4	1723.4	1536.2	1286.6	1161.8	1089.1	943.7	834.6
135°	1743.6	1840.2	1743.6	1647.0	1622.9	1466.1	1257.1	1152.6	1088.1	959.1	862.4
137.5°	1647.4	1726.5	1647.4	1568.3	1548.6	1416.0	1239.3	1151.0	1094.8	982.4	898.1
140°	1581.4	1655.4	1581.4	1507.5	1489.0	1374.6	1221.9	1145.6	1095.9	996.5	922.0
142.5°	1526.8	1590.4	1526.8	1463.2	1447.3	1346.7	1212.6	1145.6	1099.9	1008.4	939.8
145°	1444.8	1492.9	1444.8	1396.7	1384.6	1302.4	1192.7	1137.8	1099.9	1023.9	966.9
147.5°	1382.0	1421.8	1382.0	1342.0	1332.1	1267.3	1181.0	1137.8	1107.5	1046.6	1001.0
150°	1342.3	1374.6	1342.3	1309.9	1301.9	1247.2	1174.3	1137.8	1111.3	1058.4	1018.7
152.5°	1308.3	1332.7	1308.3	1283.9	1277.9	1231.2	1168.9	1137.8	1113.9	1066.2	1030.4
155°	1269.5	1285.6	1269.5	1253.4	1249.3	1212.1	1162.6	1137.8	1119.6	1083.2	1055.9
157.5°	1238.6	1250.0	1238.6	1227.3	1224.5	1195.6	1157.1	1137.8	1125.3	1100.2	1081.4
160°	1220.3	1226.8	1220.3	1213.7	1212.1	1187.3	1154.4	1137.8	1127.9	1108.0	1093.0
162.5°	1208.2	1214.4	1208.2	1202.1	1200.5	1179.6	1151.8	1137.8	1130.7	1116.2	1105.4
165°	1190.9	1197.4	1190.9	1184.3	1182.8	1167.8	1147.8	1137.8	1134.5	1128.1	1123.2
167.5°	1178.4	1181.2	1178.4	1175.7	1175.0	1165.2	1152.2	1145.6	1142.8	1137.3	1133.2
170°	1175.0	1175.0	1175.0	1175.0	1175.0	1165.2	1152.2	1145.6	1145.4	1145.1	1144.8
172.5°	1165.8	1163.4	1165.8	1168.2	1168.8	1161.0	1150.8	1145.6	1145.6	1145.6	1145.6
175°	1160.3	1160.3	1160.3	1160.3	1160.3	1155.5	1148.9	1145.6	1147.2	1150.3	1152.6
177.5°	1155.4	1152.6	1155.4	1158.0	1158.7	1154.9	1149.7	1147.1	1148.3	1150.8	1152.6
180°	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6



TEST NUMBER: P935687

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2
2.5°	2115.9	2104.0	2104.0	2084.2	2076.4	2070.5	2060.6	2030.9	2023.1	2015.2	2027.1
5°	2133.6	2111.9	2096.1	2060.6	2030.9	2019.2	1981.6	1910.6	1863.2	1827.7	1807.9
7.5°	2137.6	2109.9	2080.3	2025.1	1954.1	1922.4	1807.9	1677.7	1642.2	1610.5	1590.8
10°	2133.6	2102.1	2060.6	1977.7	1809.9	1754.7	1640.2	1555.4	1533.6	1527.7	1533.6
12.5°	2119.8	2090.2	2032.9	1894.8	1659.9	1622.4	1555.4	1506.0	1502.1	1511.9	1565.2
15°	2096.1	2068.5	2001.4	1784.2	1577.1	1549.4	1502.1	1484.2	1506.0	1575.1	1734.9
17.5°	2072.5	2040.8	1957.9	1675.7	1513.8	1494.1	1460.5	1496.1	1618.5	1711.2	1764.5
20°	2040.8	2003.4	1908.6	1596.8	1468.5	1450.7	1434.9	1594.8	1687.5	1721.1	1750.7
22.5°	2003.4	1963.9	1841.5	1541.5	1421.1	1407.2	1417.1	1650.1	1687.5	1711.2	1736.9
25°	1954.1	1920.5	1762.5	1498.1	1383.6	1367.8	1405.4	1644.1	1665.8	1671.8	1723.1
27.5°	1908.6	1865.2	1679.7	1458.6	1338.2	1332.2	1415.2	1618.5	1634.2	1640.2	1695.5
30°	1853.4	1788.2	1586.9	1417.1	1290.8	1288.8	1417.1	1586.9	1582.9	1598.8	1654.0
32.5°	1796.1	1673.8	1482.2	1365.8	1245.4	1243.5	1403.4	1539.5	1535.5	1557.2	1598.8
35°	1742.8	1584.9	1340.2	1306.7	1188.2	1190.1	1369.8	1484.2	1486.2	1506.0	1531.6
37.5°	1687.5	1507.9	1184.2	1241.5	1133.0	1133.0	1324.4	1432.9	1429.0	1434.9	1470.4
40°	1622.4	1387.5	1046.1	1156.7	1081.7	1075.7	1269.1	1377.7	1363.8	1361.9	1411.2
42.5°	1553.4	1255.3	943.4	1044.1	1022.4	1014.5	1202.0	1310.5	1284.9	1290.8	1354.0
45°	1478.4	1219.8	864.5	882.3	961.2	955.3	1129.0	1233.5	1215.8	1231.7	1296.8
47.5°	1403.4	1148.7	838.8	732.3	896.1	894.1	1048.1	1158.5	1148.7	1164.5	1233.5
50°	1300.7	1069.8	836.8	627.7	823.1	831.0	951.4	1085.5	1085.5	1099.4	1172.4
52.5°	1168.4	973.1	759.8	568.4	738.1	761.8	866.5	1022.4	1026.4	1040.1	1105.3
55°	1048.1	872.4	704.7	523.0	637.5	688.8	783.6	957.3	965.1	979.0	1038.2
57.5°	937.5	726.4	692.8	469.7	544.7	594.1	710.5	894.1	898.1	909.9	967.1
60°	819.1	525.0	635.5	412.5	463.8	501.3	643.4	819.1	833.0	840.8	890.1
62.5°	684.8	381.0	576.3	373.0	424.4	432.3	588.1	748.1	765.8	771.7	801.4
65°	487.5	319.7	489.5	339.4	382.9	384.9	529.0	675.0	690.8	700.7	722.4
67.5°	329.6	260.6	373.0	307.9	351.3	353.3	471.7	590.1	611.8	619.7	633.6
70°	229.0	173.7	276.3	274.4	315.8	319.7	410.6	513.1	533.0	538.8	546.7
72.5°	167.7	140.1	229.0	246.7	278.3	282.3	347.4	426.3	446.1	452.0	456.0
75°	128.3	148.0	185.6	215.1	236.8	238.8	284.3	347.4	361.1	365.1	367.1
77.5°	102.6	138.1	136.2	173.7	193.4	189.4	223.0	268.4	280.3	280.3	280.3
80°	77.0	108.6	102.6	124.3	142.1	138.1	159.9	191.4	195.4	199.3	197.4
82.5°	57.3	69.1	69.1	79.0	94.7	90.8	106.6	124.3	124.3	124.3	128.3
85°	35.6	39.4	31.6	41.4	53.3	51.3	59.3	67.1	69.1	69.1	65.1
87.5°	21.7	17.7	9.9	15.8	23.7	23.7	27.6	29.6	27.6	27.6	27.6
90°	20.1	13.9	7.8	13.9	20.1	21.6	34.0	50.5	58.8	52.2	39.1
92.5°	136.2	83.6	31.0	83.6	136.2	149.3	209.9	290.6	331.1	290.1	208.4
95°	266.7	170.5	74.3	170.5	266.7	290.8	516.4	817.3	967.7	863.5	655.2
97.5°	298.2	213.2	128.4	213.2	298.2	319.4	695.6	1197.3	1448.1	1382.2	1250.6
100°	324.2	247.2	170.2	247.2	324.2	343.4	760.8	1317.5	1595.8	1600.6	1610.2
102.5°	349.5	277.6	205.8	277.6	349.5	367.4	790.8	1355.3	1637.5	1721.4	1889.2
105°	387.7	327.0	266.1	327.0	387.7	403.0	812.9	1359.6	1632.9	1821.0	2197.1
107.5°	441.4	384.7	328.0	384.7	441.4	455.6	817.1	1299.1	1540.1	1802.5	2327.1
110°	472.1	420.9	369.7	420.9	472.1	485.0	810.8	1245.4	1462.7	1755.9	2342.5



TEST NUMBER: P935687

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	508.4	459.6	410.8	459.6	508.4	520.6	811.1	1198.6	1392.3	1692.4	2292.7
115°	562.7	517.6	472.6	517.6	562.7	574.0	818.7	1144.9	1308.0	1597.2	2175.5
117.5°	615.5	574.7	533.8	574.7	615.5	625.8	833.9	1111.2	1250.0	1510.9	2032.8
120°	646.3	607.9	569.3	607.9	646.3	656.0	846.2	1099.9	1226.8	1465.2	1942.0
122.5°	681.9	643.0	604.2	643.0	681.9	691.5	864.0	1094.0	1209.0	1423.8	1853.2
125°	728.3	692.9	657.5	692.9	728.3	737.1	888.0	1089.1	1189.7	1372.1	1736.8
127.5°	772.3	736.5	700.8	736.5	772.3	781.3	912.0	1086.3	1173.5	1330.1	1643.3
130°	801.0	762.5	724.0	762.5	801.0	810.6	929.5	1087.9	1167.2	1306.7	1585.4
132.5°	825.0	786.5	748.0	786.5	825.0	834.6	943.7	1089.1	1161.8	1286.6	1536.2
135°	853.7	818.6	783.6	818.6	853.7	862.4	959.1	1088.1	1152.6	1257.1	1466.1
137.5°	889.4	854.7	819.9	854.7	889.4	898.1	982.4	1094.8	1151.0	1239.3	1416.0
140°	914.0	882.1	850.1	882.1	914.0	922.0	996.5	1095.9	1145.6	1221.9	1374.6
142.5°	932.5	902.9	873.3	902.9	932.5	939.8	1008.4	1099.9	1145.6	1212.6	1346.7
145°	960.4	934.6	908.8	934.6	960.4	966.9	1023.9	1099.9	1137.8	1192.7	1302.4
147.5°	994.7	969.6	944.5	969.6	994.7	1001.0	1046.6	1107.5	1137.8	1181.0	1267.3
150°	1013.0	990.4	967.7	990.4	1013.0	1018.7	1058.4	1111.3	1137.8	1174.3	1247.2
152.5°	1026.1	1008.8	991.6	1008.8	1026.1	1030.4	1066.2	1113.9	1137.8	1168.9	1231.2
155°	1052.7	1040.0	1027.3	1040.0	1052.7	1055.9	1083.2	1119.6	1137.8	1162.6	1212.1
157.5°	1078.3	1065.9	1053.6	1065.9	1078.3	1081.4	1100.2	1125.3	1137.8	1157.1	1195.6
160°	1090.6	1081.0	1071.3	1081.0	1090.6	1093.0	1108.0	1127.9	1137.8	1154.4	1187.3
162.5°	1103.6	1096.3	1089.1	1096.3	1103.6	1105.4	1116.2	1130.7	1137.8	1151.8	1179.6
165°	1121.6	1115.0	1108.4	1115.0	1121.6	1123.2	1128.1	1134.5	1137.8	1147.8	1167.8
167.5°	1132.5	1129.4	1126.3	1129.4	1132.5	1133.2	1137.3	1142.8	1145.6	1152.2	1165.2
170°	1144.0	1140.9	1137.8	1140.9	1144.0	1144.8	1145.1	1145.4	1145.6	1152.2	1165.2
172.5°	1145.4	1144.7	1144.0	1144.7	1145.4	1145.6	1145.6	1145.6	1145.6	1150.8	1161.0
175°	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1150.3	1147.2	1145.6	1148.9	1155.5
177.5°	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1150.8	1148.3	1147.1	1149.7	1154.9
180°	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6



TEST NUMBER: P935687

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2
2.5°	2013.2	2007.3	2015.2	1993.5	2015.2	2007.3	2013.2	2027.1	2015.2	2023.1	2030.9
5°	1766.5	1756.6	1725.1	1699.4	1725.1	1756.6	1766.5	1807.9	1827.7	1863.2	1910.6
7.5°	1579.0	1571.1	1563.2	1547.4	1563.2	1571.1	1579.0	1590.8	1610.5	1642.2	1677.7
10°	1537.5	1539.5	1551.4	1549.4	1551.4	1539.5	1537.5	1533.6	1527.7	1533.6	1555.4
12.5°	1644.1	1661.9	1727.1	1723.1	1727.1	1661.9	1644.1	1565.2	1511.9	1502.1	1506.0
15°	1766.5	1772.4	1786.2	1788.2	1786.2	1772.4	1766.5	1734.9	1575.1	1506.0	1484.2
17.5°	1778.4	1780.4	1790.2	1790.2	1790.2	1780.4	1778.4	1764.5	1711.2	1618.5	1496.1
20°	1768.5	1772.4	1792.2	1796.1	1792.2	1772.4	1768.5	1750.7	1721.1	1687.5	1594.8
22.5°	1764.5	1772.4	1788.2	1786.2	1788.2	1772.4	1764.5	1736.9	1711.2	1687.5	1650.1
25°	1744.8	1744.8	1746.8	1748.8	1746.8	1744.8	1744.8	1723.1	1671.8	1665.8	1644.1
27.5°	1703.4	1707.2	1719.1	1717.2	1719.1	1707.2	1703.4	1695.5	1640.2	1634.2	1618.5
30°	1665.8	1661.9	1652.1	1644.1	1652.1	1661.9	1665.8	1654.0	1598.8	1582.9	1586.9
32.5°	1602.7	1592.8	1582.9	1577.1	1582.9	1592.8	1602.7	1598.8	1557.2	1535.5	1539.5
35°	1527.7	1529.7	1527.7	1521.8	1527.7	1529.7	1527.7	1531.6	1506.0	1486.2	1484.2
37.5°	1474.4	1478.4	1476.4	1468.5	1476.4	1478.4	1474.4	1470.4	1434.9	1429.0	1432.9
40°	1419.1	1421.1	1419.1	1413.2	1419.1	1421.1	1419.1	1411.2	1361.9	1363.8	1377.7
42.5°	1365.8	1363.8	1357.9	1354.0	1357.9	1363.8	1365.8	1354.0	1290.8	1284.9	1310.5
45°	1304.7	1306.7	1294.8	1288.8	1294.8	1306.7	1304.7	1296.8	1231.7	1215.8	1233.5
47.5°	1243.5	1243.5	1233.5	1227.7	1233.5	1243.5	1243.5	1233.5	1164.5	1148.7	1158.5
50°	1178.4	1176.4	1162.5	1160.5	1162.5	1176.4	1178.4	1172.4	1099.4	1085.5	1085.5
52.5°	1103.4	1103.4	1105.3	1109.2	1105.3	1103.4	1103.4	1105.3	1040.1	1026.4	1022.4
55°	1038.2	1040.1	1054.0	1058.0	1054.0	1040.1	1038.2	1038.2	979.0	965.1	957.3
57.5°	971.1	971.1	981.0	981.0	981.0	971.1	971.1	967.1	909.9	898.1	894.1
60°	894.1	898.1	906.0	904.0	906.0	898.1	894.1	890.1	840.8	833.0	819.1
62.5°	813.1	817.1	819.1	815.1	819.1	817.1	813.1	801.4	771.7	765.8	748.1
65°	728.3	732.3	734.3	730.3	734.3	732.3	728.3	722.4	700.7	690.8	675.0
67.5°	641.4	639.5	637.5	645.4	637.5	639.5	641.4	633.6	619.7	611.8	590.1
70°	552.7	552.7	550.7	554.6	550.7	552.7	552.7	546.7	538.8	533.0	513.1
72.5°	457.9	456.0	463.8	457.9	463.8	456.0	457.9	456.0	452.0	446.1	426.3
75°	365.1	369.1	365.1	371.1	365.1	369.1	365.1	367.1	365.1	361.1	347.4
77.5°	278.3	282.3	278.3	278.3	278.3	282.3	278.3	280.3	280.3	280.3	268.4
80°	197.4	195.4	195.4	193.4	195.4	195.4	197.4	197.4	199.3	195.4	191.4
82.5°	126.3	124.3	124.3	128.3	124.3	124.3	126.3	128.3	124.3	124.3	124.3
85°	69.1	71.0	67.1	67.1	67.1	71.0	69.1	65.1	69.1	69.1	67.1
87.5°	25.7	23.7	23.7	23.7	23.7	23.7	25.7	27.6	27.6	27.6	29.6
90°	29.4	29.4	29.4	29.4	29.4	29.4	29.4	39.1	52.2	58.8	50.5
92.5°	147.0	141.1	117.7	94.3	117.7	141.1	147.0	208.4	290.1	331.1	290.6
95°	498.9	481.2	410.4	339.5	410.4	481.2	498.9	655.2	863.5	967.7	817.3
97.5°	1151.8	1118.1	983.4	848.6	983.4	1118.1	1151.8	1250.6	1382.2	1448.1	1197.3
100°	1617.4	1577.3	1416.8	1256.3	1416.8	1577.3	1617.4	1610.2	1600.6	1595.8	1317.5
102.5°	2015.0	1980.6	1843.1	1705.6	1843.1	1980.6	2015.0	1889.2	1721.4	1637.5	1355.3
105°	2479.1	2460.6	2386.7	2312.8	2386.7	2460.6	2479.1	2197.1	1821.0	1632.9	1359.6
107.5°	2720.5	2725.0	2742.8	2760.7	2742.8	2725.0	2720.5	2327.1	1802.5	1540.1	1299.1
110°	2782.4	2801.6	2878.6	2955.6	2878.6	2801.6	2782.4	2342.5	1755.9	1462.7	1245.4



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2742.9	2772.5	2890.7	3009.0	2890.7	2772.5	2742.9	2292.7	1692.4	1392.3	1198.6
115°	2609.1	2650.2	2814.1	2978.0	2814.1	2650.2	2609.1	2175.5	1597.2	1308.0	1144.9
117.5°	2424.3	2469.7	2651.6	2833.4	2651.6	2469.7	2424.3	2032.8	1510.9	1250.0	1111.2
120°	2299.7	2343.9	2520.6	2697.3	2520.6	2343.9	2299.7	1942.0	1465.2	1226.8	1099.9
122.5°	2175.2	2218.7	2393.0	2567.3	2393.0	2218.7	2175.2	1853.2	1423.8	1209.0	1094.0
125°	2010.4	2050.6	2211.1	2371.7	2211.1	2050.6	2010.4	1736.8	1372.1	1189.7	1089.1
127.5°	1878.2	1912.0	2047.5	2182.9	2047.5	1912.0	1878.2	1643.3	1330.1	1173.5	1086.3
130°	1794.6	1825.9	1951.1	2076.2	1951.1	1825.9	1794.6	1585.4	1306.7	1167.2	1087.9
132.5°	1723.4	1751.4	1863.5	1975.6	1863.5	1751.4	1723.4	1536.2	1286.6	1161.8	1089.1
135°	1622.9	1647.0	1743.6	1840.2	1743.6	1647.0	1622.9	1466.1	1257.1	1152.6	1088.1
137.5°	1548.6	1568.3	1647.4	1726.5	1647.4	1568.3	1548.6	1416.0	1239.3	1151.0	1094.8
140°	1489.0	1507.5	1581.4	1655.4	1581.4	1507.5	1489.0	1374.6	1221.9	1145.6	1095.9
142.5°	1447.3	1463.2	1526.8	1590.4	1526.8	1463.2	1447.3	1346.7	1212.6	1145.6	1099.9
145°	1384.6	1396.7	1444.8	1492.9	1444.8	1396.7	1384.6	1302.4	1192.7	1137.8	1099.9
147.5°	1332.1	1342.0	1382.0	1421.8	1382.0	1342.0	1332.1	1267.3	1181.0	1137.8	1107.5
150°	1301.9	1309.9	1342.3	1374.6	1342.3	1309.9	1301.9	1247.2	1174.3	1137.8	1111.3
152.5°	1277.9	1283.9	1308.3	1332.7	1308.3	1283.9	1277.9	1231.2	1168.9	1137.8	1113.9
155°	1249.3	1253.4	1269.5	1285.6	1269.5	1253.4	1249.3	1212.1	1162.6	1137.8	1119.6
157.5°	1224.5	1227.3	1238.6	1250.0	1238.6	1227.3	1224.5	1195.6	1157.1	1137.8	1125.3
160°	1212.1	1213.7	1220.3	1226.8	1220.3	1213.7	1212.1	1187.3	1154.4	1137.8	1127.9
162.5°	1200.5	1202.1	1208.2	1214.4	1208.2	1202.1	1200.5	1179.6	1151.8	1137.8	1130.7
165°	1182.8	1184.3	1190.9	1197.4	1190.9	1184.3	1182.8	1167.8	1147.8	1137.8	1134.5
167.5°	1175.0	1175.7	1178.4	1181.2	1178.4	1175.7	1175.0	1165.2	1152.2	1145.6	1142.8
170°	1175.0	1175.0	1175.0	1175.0	1175.0	1175.0	1175.0	1165.2	1152.2	1145.6	1145.4
172.5°	1168.8	1168.2	1165.8	1163.4	1165.8	1168.2	1168.8	1161.0	1150.8	1145.6	1145.6
175°	1160.3	1160.3	1160.3	1160.3	1160.3	1160.3	1160.3	1155.5	1148.9	1145.6	1147.2
177.5°	1158.7	1158.0	1155.4	1152.6	1155.4	1158.0	1158.7	1154.9	1149.7	1147.1	1148.3
180°	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2086.2	2086.2	2086.2	2086.2	2086.2
2.5°	2060.6	2070.5	2076.4	2084.2	2104.0
5°	1981.6	2019.2	2030.9	2060.6	2096.1
7.5°	1807.9	1922.4	1954.1	2025.1	2080.3
10°	1640.2	1754.7	1809.9	1977.7	2060.6
12.5°	1555.4	1622.4	1659.9	1894.8	2032.9
15°	1502.1	1549.4	1577.1	1784.2	2001.4
17.5°	1460.5	1494.1	1513.8	1675.7	1957.9
20°	1434.9	1450.7	1468.5	1596.8	1908.6
22.5°	1417.1	1407.2	1421.1	1541.5	1841.5
25°	1405.4	1367.8	1383.6	1498.1	1762.5
27.5°	1415.2	1332.2	1338.2	1458.6	1679.7
30°	1417.1	1288.8	1290.8	1417.1	1586.9
32.5°	1403.4	1243.5	1245.4	1365.8	1482.2
35°	1369.8	1190.1	1188.2	1306.7	1340.2
37.5°	1324.4	1133.0	1133.0	1241.5	1184.2
40°	1269.1	1075.7	1081.7	1156.7	1046.1
42.5°	1202.0	1014.5	1022.4	1044.1	943.4
45°	1129.0	955.3	961.2	882.3	864.5
47.5°	1048.1	894.1	896.1	732.3	838.8
50°	951.4	831.0	823.1	627.7	836.8
52.5°	866.5	761.8	738.1	568.4	759.8
55°	783.6	688.8	637.5	523.0	704.7
57.5°	710.5	594.1	544.7	469.7	692.8
60°	643.4	501.3	463.8	412.5	635.5
62.5°	588.1	432.3	424.4	373.0	576.3
65°	529.0	384.9	382.9	339.4	489.5
67.5°	471.7	353.3	351.3	307.9	373.0
70°	410.6	319.7	315.8	274.4	276.3
72.5°	347.4	282.3	278.3	246.7	229.0
75°	284.3	238.8	236.8	215.1	185.6
77.5°	223.0	189.4	193.4	173.7	136.2
80°	159.9	138.1	142.1	124.3	102.6
82.5°	106.6	90.8	94.7	79.0	69.1
85°	59.3	51.3	53.3	41.4	31.6
87.5°	27.6	23.7	23.7	15.8	9.9
90°	34.0	21.6	20.1	13.9	7.8
92.5°	209.9	149.3	136.2	83.6	31.0
95°	516.4	290.8	266.7	170.5	74.3
97.5°	695.6	319.4	298.2	213.2	128.4
100°	760.8	343.4	324.2	247.2	170.2
102.5°	790.8	367.4	349.5	277.6	205.8
105°	812.9	403.0	387.7	327.0	266.1
107.5°	817.1	455.6	441.4	384.7	328.0
110°	810.8	485.0	472.1	420.9	369.7



TEST NUMBER: P935687

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	811.1	520.6	508.4	459.6	410.8
115°	818.7	574.0	562.7	517.6	472.6
117.5°	833.9	625.8	615.5	574.7	533.8
120°	846.2	656.0	646.3	607.9	569.3
122.5°	864.0	691.5	681.9	643.0	604.2
125°	888.0	737.1	728.3	692.9	657.5
127.5°	912.0	781.3	772.3	736.5	700.8
130°	929.5	810.6	801.0	762.5	724.0
132.5°	943.7	834.6	825.0	786.5	748.0
135°	959.1	862.4	853.7	818.6	783.6
137.5°	982.4	898.1	889.4	854.7	819.9
140°	996.5	922.0	914.0	882.1	850.1
142.5°	1008.4	939.8	932.5	902.9	873.3
145°	1023.9	966.9	960.4	934.6	908.8
147.5°	1046.6	1001.0	994.7	969.6	944.5
150°	1058.4	1018.7	1013.0	990.4	967.7
152.5°	1066.2	1030.4	1026.1	1008.8	991.6
155°	1083.2	1055.9	1052.7	1040.0	1027.3
157.5°	1100.2	1081.4	1078.3	1065.9	1053.6
160°	1108.0	1093.0	1090.6	1081.0	1071.3
162.5°	1116.2	1105.4	1103.6	1096.3	1089.1
165°	1128.1	1123.2	1121.6	1115.0	1108.4
167.5°	1137.3	1133.2	1132.5	1129.4	1126.3
170°	1145.1	1144.8	1144.0	1140.9	1137.8
172.5°	1145.6	1145.6	1145.4	1144.7	1144.0
175°	1150.3	1152.6	1152.6	1152.6	1152.6
177.5°	1150.8	1152.6	1152.6	1152.6	1152.6
180°	1152.6	1152.6	1152.6	1152.6	1152.6



TEST NUMBER: P935687
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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	12.90	13.70	13.93	14.73	16.11	15.73	16.52	16.75	17.55	18.93
	3H	13.37	14.09	14.41	15.13	16.53	17.07	17.78	18.10	18.82	20.22
	4H	13.56	14.24	14.61	15.28	16.69	17.51	18.18	18.55	19.22	20.63
	6H	13.68	14.30	14.73	15.34	16.76	17.79	18.41	18.84	19.45	20.87
	8H	13.68	14.27	14.74	15.33	16.75	17.86	18.45	18.92	19.51	20.93
	12H	13.65	14.21	14.71	15.26	16.70	17.89	18.45	18.96	19.51	20.95
4H	2H	13.93	14.60	14.98	15.64	17.05	16.13	16.80	17.18	17.84	19.25
	3H	14.95	15.51	16.01	16.58	18.00	17.63	18.19	18.69	19.26	20.68
	4H	15.22	15.73	16.29	16.80	18.24	18.15	18.66	19.22	19.73	21.17
	6H	15.34	15.78	16.42	16.87	18.30	18.51	18.95	19.59	20.04	21.47
	8H	15.35	15.76	16.42	16.83	18.29	18.61	19.03	19.69	20.10	21.56
	12H	15.31	15.68	16.40	16.77	18.23	18.67	19.04	19.76	20.13	21.59
8H	4H	15.67	16.08	16.74	17.16	18.61	18.27	18.68	19.34	19.76	21.21
	6H	15.93	16.27	17.02	17.39	18.84	18.70	19.04	19.80	20.16	21.61
	8H	15.97	16.27	17.07	17.37	18.84	18.85	19.15	19.96	20.25	21.72
	12H	15.95	16.21	17.06	17.31	18.82	18.95	19.21	20.06	20.31	21.81
12H	4H	15.67	16.04	16.76	17.13	18.59	18.23	18.60	19.32	19.69	21.15
	6H	15.99	16.28	17.09	17.39	18.86	18.70	19.00	19.80	20.10	21.57
	8H	16.05	16.31	17.16	17.41	18.92	18.86	19.12	19.96	20.22	21.72