

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: P936123

Luminaire Tested: SQ4-FA-150U-125D-927-1D-UNV-STD-W-6

Issue Date: 12/17/2024

**Test Information**

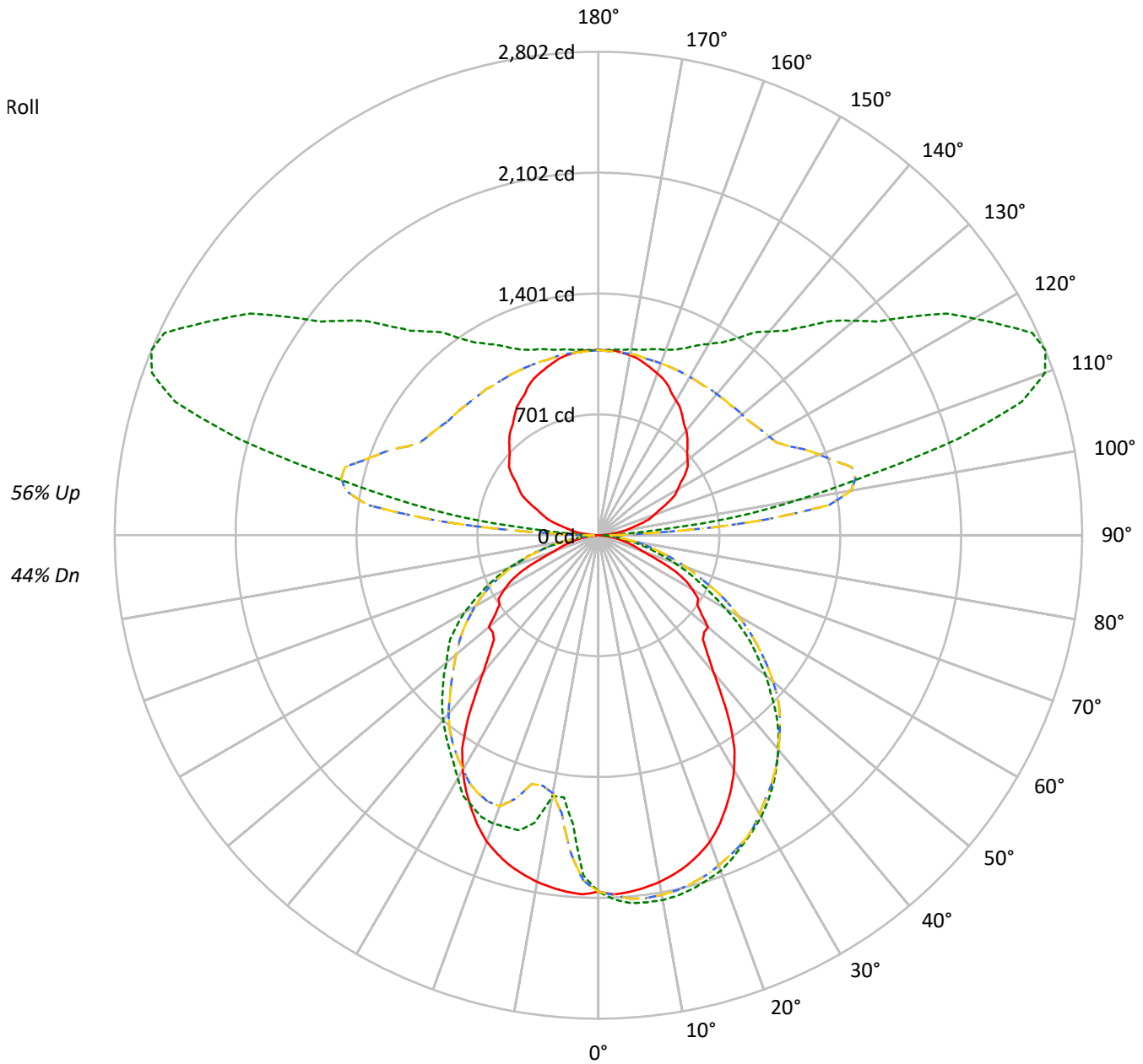
Test Method: LM-79-2019  
Report Number: P936123  
REPORT IS A COMBINATION OF REPORTS P933783 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-150U-125D-927-1D-UNV-STD-W-6  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12318.5 lumens  
Efficiency: N/A  
Efficacy: 98.7 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): 124.8  
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				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	106	106	106	106	97	97	97	97	80	80	80	64	64	64	50	50	50	44	44	44	44
1	96	92	88	85	88	84	81	78	70	68	66	57	55	54	44	43	42	37	37	37	37
2	88	80	74	69	80	74	69	64	61	58	54	50	47	45	39	37	36	31	31	31	31
3	80	71	63	58	73	65	59	54	54	49	46	44	41	38	35	32	30	26	26	26	26
4	73	63	55	49	67	57	51	45	48	43	39	39	35	32	31	28	26	22	22	22	22
5	67	56	48	42	61	51	44	39	43	37	33	35	31	28	28	25	23	19	19	19	19
6	62	50	42	36	56	46	39	34	39	33	29	32	28	24	25	22	20	17	17	17	17
7	57	45	37	31	52	41	34	29	35	29	25	29	25	22	23	20	18	15	15	15	15
8	53	41	33	28	48	38	31	26	32	26	23	26	22	19	21	18	16	13	13	13	13
9	49	37	30	25	45	34	28	23	29	24	20	24	20	17	19	16	14	12	12	12	12
10	46	34	27	22	42	31	25	21	27	22	18	22	18	16	18	15	13	11	11	11	11

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

	0°	90°	180°	270°
0°	12779	12779	12779	12779
5°	12870	12900	12870	10143
10°	12779	12707	12779	9084
15°	12635	12432	12635	10380
20°	12367	12106	12367	10403
25°	11820	11630	11820	10182
30°	11117	11235	11117	9698
35°	9906	10736	9906	9166
40°	8249	10148	8249	8764
45°	7366	9459	7366	8302
50°	7820	8638	7820	7838
55°	7350	7753	7350	7570
60°	7567	6586	7567	6933
65°	6850	5444	6850	6085
70°	4732	4338	4732	5101
75°	4134	3206	4134	3840
80°	3307	2120	3307	2308
85°	1866	1123	1866	955

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 11297 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	186.5	1.5
10°-20°	529.4	4.3
20°-30°	818.4	6.6
30°-40°	977.0	7.9
40°-50°	982.7	8.0
50°-60°	855.1	6.9
60°-70°	606.3	4.9
70°-80°	320.8	2.6
80°-90°	84.0	0.7
90°-100°	523.2	4.2
100°-110°	1375.6	11.2
110°-120°	1426.3	11.6
120°-130°	1144.1	9.3
130°-140°	897.7	7.3
140°-150°	689.0	5.6
150°-160°	496.2	4.0
160°-170°	303.6	2.5
170°-180°	102.6	0.8
0°-30°	1534.3	12.5
0°-40°	2511.3	20.4
0°-60°	4349.2	35.3
0°-90°	5360.2	43.5
90°-120°	3325.1	27.0
90°-150°	6055.9	49.2
90°-180°	6958.0	56.5
0°-180°	12318.5	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2066	2066	2066	2066	2066	
5°	2076	2140	2076	1683	2076	197
15°	1982	2120	1982	1771	1982	558
25°	1745	1978	1745	1732	1745	801
35°	1327	1765	1327	1507	1327	821
45°	856	1454	856	1276	856	686
55°	698	1073	698	1048	698	641
65°	485	647	485	723	485	463
75°	184	307	184	367	184	193
85°	31	78	31	66	31	42
90°	7	27	7	27	7	7
95°	69	316	69	316	69	77
105°	248	2154	248	2154	248	263
115°	440	2774	440	2774	440	435
125°	612	2209	612	2209	612	544
135°	730	1714	730	1714	730	565
145°	846	1390	846	1390	846	530
155°	957	1197	957	1197	957	440
165°	1032	1115	1032	1115	1032	291
175°	1073	1080	1073	1080	1073	102
180°	1073	1073	1073	1073	1073	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8
2.5°	2083.3	2083.3	2095.1	2098.9	2098.9	2093.1	2087.2	2093.1	2110.7	2116.6	2114.6
5°	2075.5	2091.2	2112.6	2116.6	2120.5	2118.5	2114.6	2118.5	2138.1	2142.0	2143.9
7.5°	2059.9	2089.2	2116.6	2122.4	2128.3	2122.4	2120.5	2124.4	2143.9	2147.8	2147.8
10°	2040.3	2081.4	2112.6	2116.6	2122.4	2116.6	2116.6	2124.4	2143.9	2147.8	2149.8
12.5°	2013.0	2069.7	2098.9	2102.9	2110.7	2108.7	2106.8	2114.6	2134.1	2138.1	2138.1
15°	1981.7	2048.1	2075.5	2079.5	2093.1	2089.2	2089.2	2097.0	2118.5	2124.4	2122.4
17.5°	1938.7	2020.8	2052.0	2057.9	2067.7	2065.8	2067.7	2075.5	2095.1	2098.9	2100.9
20°	1889.9	1983.7	2020.8	2026.6	2036.4	2036.4	2036.4	2046.2	2065.8	2073.5	2073.5
22.5°	1823.4	1944.6	1983.7	1987.6	1999.3	1999.3	2003.2	2016.9	2034.5	2036.4	2036.4
25°	1745.2	1901.6	1934.8	1946.6	1958.3	1964.1	1970.0	1977.8	1983.7	1981.7	1983.7
27.5°	1663.1	1846.8	1889.9	1897.7	1913.3	1919.1	1927.0	1928.9	1930.9	1936.8	1932.9
30°	1571.3	1770.6	1835.1	1842.9	1868.3	1872.3	1864.5	1868.3	1878.1	1882.0	1886.0
32.5°	1467.7	1657.3	1778.5	1796.0	1819.5	1807.8	1805.8	1811.7	1827.3	1827.3	1831.2
35°	1327.0	1569.3	1725.7	1741.4	1758.9	1745.2	1753.1	1755.0	1764.8	1770.6	1768.7
37.5°	1172.6	1493.1	1671.0	1682.7	1696.4	1678.8	1690.5	1696.4	1704.2	1700.3	1700.3
40°	1035.8	1373.9	1606.5	1614.3	1626.0	1612.3	1624.1	1628.0	1631.9	1628.0	1626.0
42.5°	934.2	1242.9	1538.1	1547.9	1540.0	1549.8	1553.7	1561.6	1555.6	1547.9	1547.9
45°	856.0	1207.8	1463.8	1475.6	1463.8	1479.5	1485.3	1485.3	1467.7	1463.8	1461.8
47.5°	830.6	1137.4	1389.5	1389.5	1383.7	1403.2	1413.0	1399.3	1381.7	1375.8	1375.8
50°	828.7	1059.3	1287.9	1280.1	1307.5	1330.9	1321.2	1307.5	1293.8	1272.3	1272.3
52.5°	752.4	963.5	1157.0	1186.3	1229.3	1242.9	1227.3	1213.7	1190.2	1180.4	1172.6
55°	697.7	863.8	1037.7	1096.4	1141.4	1158.9	1129.6	1116.0	1080.8	1074.9	1071.0
57.5°	686.0	719.2	928.3	1002.6	1057.3	1055.4	1037.7	1012.3	983.1	977.2	975.2
60°	629.3	519.8	811.0	899.0	955.6	949.8	934.2	910.8	883.3	879.5	875.6
62.5°	570.6	377.2	678.1	777.9	857.9	856.0	842.3	807.1	787.6	777.9	770.0
65°	484.7	316.6	482.7	646.9	762.2	766.1	736.8	711.4	689.9	678.1	676.2
67.5°	369.4	258.0	326.4	539.4	670.4	666.4	629.3	617.5	590.2	584.4	572.6
70°	273.6	172.0	226.7	437.7	580.4	570.6	541.4	527.7	502.3	488.6	480.8
72.5°	226.7	138.8	166.1	340.0	488.6	476.9	451.5	435.8	414.3	402.6	394.8
75°	183.7	146.6	127.0	252.1	396.7	388.9	365.4	349.8	332.3	316.6	318.5
77.5°	134.8	136.8	101.6	185.6	314.6	302.9	289.2	269.7	261.9	246.2	246.2
80°	101.6	107.5	76.2	127.0	226.7	226.7	215.0	201.3	187.6	179.8	179.8
82.5°	68.4	68.4	56.7	80.2	154.4	148.5	140.7	136.8	129.0	125.0	125.0
85°	31.3	39.1	35.2	48.9	84.0	87.9	87.9	84.0	82.1	78.2	80.2
87.5°	9.8	17.6	21.5	27.3	43.0	45.0	46.9	46.9	46.9	48.9	48.9
90°	7.2	13.0	18.7	20.2	31.7	47.0	54.7	48.7	36.5	27.4	27.4
92.5°	28.8	77.8	126.8	139.1	195.5	270.7	308.3	270.2	194.0	136.9	131.4
95°	69.1	158.8	248.5	270.9	481.0	761.1	901.2	804.2	610.1	464.6	448.1
97.5°	119.6	198.7	277.7	297.5	647.9	1115.0	1348.6	1287.3	1164.6	1072.7	1041.3
100°	158.5	230.2	301.9	319.9	708.6	1227.0	1486.2	1490.6	1499.7	1506.4	1469.0
102.5°	191.7	258.6	325.5	342.2	736.5	1262.2	1525.1	1603.1	1759.4	1876.6	1844.5
105°	247.8	304.5	361.1	375.3	757.1	1266.2	1520.8	1695.8	2046.1	2308.8	2291.6
107.5°	305.5	358.3	411.1	424.3	760.9	1209.8	1434.3	1678.6	2167.2	2533.6	2537.8
110°	344.3	392.1	439.7	451.7	755.2	1159.9	1362.2	1635.3	2181.6	2591.2	2609.1



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	382.5	428.0	473.4	484.8	755.4	1116.3	1296.7	1576.2	2135.2	2554.5	2582.0
115°	440.1	482.1	524.1	534.5	762.4	1066.2	1218.1	1487.4	2025.9	2429.8	2468.0
117.5°	497.0	535.2	573.3	582.8	776.6	1035.0	1164.2	1407.2	1893.1	2257.6	2300.0
120°	530.2	566.1	602.0	610.9	788.1	1024.4	1142.5	1364.6	1808.7	2141.7	2182.8
122.5°	562.6	598.8	635.0	644.0	804.6	1018.9	1126.0	1325.9	1725.8	2025.7	2066.3
125°	612.3	645.3	678.3	686.5	827.0	1014.3	1108.0	1277.8	1617.5	1872.3	1909.6
127.5°	652.7	685.9	719.3	727.6	849.3	1011.6	1092.8	1238.6	1530.3	1749.1	1780.6
130°	674.3	710.2	746.1	755.0	865.7	1013.3	1087.1	1216.9	1476.6	1671.3	1700.4
132.5°	696.6	732.5	768.4	777.3	878.9	1014.3	1082.0	1198.2	1430.7	1605.0	1631.1
135°	729.7	762.4	795.1	803.3	893.3	1013.3	1073.4	1170.7	1365.4	1511.4	1533.8
137.5°	763.6	795.9	828.3	836.4	914.9	1019.6	1071.9	1154.2	1318.8	1442.2	1460.6
140°	791.7	821.5	851.2	858.7	928.1	1020.6	1066.9	1138.0	1280.1	1386.8	1403.9
142.5°	813.3	840.8	868.4	875.3	939.2	1024.3	1066.9	1129.4	1254.2	1347.8	1362.6
145°	846.5	870.5	894.5	900.5	953.6	1024.3	1059.7	1110.7	1212.9	1289.5	1300.7
147.5°	879.6	903.0	926.3	932.2	974.7	1031.3	1059.7	1099.9	1180.2	1240.5	1249.8
150°	901.2	922.3	943.4	948.7	985.7	1035.0	1059.7	1093.6	1161.5	1212.4	1219.9
152.5°	923.5	939.6	955.6	959.6	992.9	1037.4	1059.7	1088.6	1146.6	1190.0	1195.7
155°	956.6	968.5	980.4	983.3	1008.8	1042.7	1059.7	1082.7	1128.8	1163.4	1167.2
157.5°	981.1	992.7	1004.2	1007.1	1024.6	1048.0	1059.7	1077.6	1113.5	1140.4	1143.0
160°	997.8	1006.7	1015.6	1017.9	1031.8	1050.4	1059.7	1075.1	1105.8	1128.8	1130.4
162.5°	1014.3	1021.0	1027.7	1029.4	1039.5	1053.0	1059.7	1072.6	1098.6	1118.0	1119.5
165°	1032.3	1038.4	1044.4	1046.0	1050.5	1056.6	1059.7	1069.0	1087.5	1101.5	1103.0
167.5°	1048.9	1051.7	1054.7	1055.4	1059.2	1064.4	1066.9	1073.0	1085.2	1094.2	1094.9
170°	1059.7	1062.5	1065.4	1066.1	1066.4	1066.8	1066.9	1073.0	1085.2	1094.2	1094.2
172.5°	1065.4	1066.1	1066.8	1066.9	1066.9	1066.9	1066.9	1071.7	1081.3	1088.5	1087.9
175°	1073.4	1073.4	1073.4	1073.4	1071.2	1068.4	1066.9	1069.9	1076.0	1080.5	1080.5
177.5°	1073.4	1073.4	1073.4	1073.4	1071.7	1069.5	1068.3	1070.7	1075.5	1079.2	1078.5
180°	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8
2.5°	2118.5	2112.6	2118.5	2114.6	2116.6	2110.7	2093.1	2087.2	2093.1	2098.9	2098.9
5°	2143.9	2140.0	2143.9	2143.9	2142.0	2138.1	2118.5	2114.6	2118.5	2120.5	2116.6
7.5°	2151.8	2145.9	2151.8	2147.8	2147.8	2143.9	2124.4	2120.5	2122.4	2128.3	2122.4
10°	2151.8	2145.9	2151.8	2149.8	2147.8	2143.9	2124.4	2116.6	2116.6	2122.4	2116.6
12.5°	2142.0	2138.1	2142.0	2138.1	2138.1	2134.1	2114.6	2106.8	2108.7	2110.7	2102.9
15°	2126.4	2120.5	2126.4	2122.4	2124.4	2118.5	2097.0	2089.2	2089.2	2093.1	2079.5
17.5°	2102.9	2095.1	2102.9	2100.9	2098.9	2095.1	2075.5	2067.7	2065.8	2067.7	2057.9
20°	2075.5	2069.7	2075.5	2073.5	2073.5	2065.8	2046.2	2036.4	2036.4	2036.4	2026.6
22.5°	2032.5	2026.6	2032.5	2036.4	2036.4	2034.5	2016.9	2003.2	1999.3	1999.3	1987.6
25°	1983.7	1977.8	1983.7	1983.7	1981.7	1983.7	1977.8	1970.0	1964.1	1958.3	1946.6
27.5°	1936.8	1932.9	1936.8	1932.9	1936.8	1930.9	1928.9	1927.0	1919.1	1913.3	1897.7
30°	1889.9	1886.0	1889.9	1886.0	1882.0	1878.1	1868.3	1864.5	1872.3	1868.3	1842.9
32.5°	1831.2	1827.3	1831.2	1831.2	1827.3	1827.3	1811.7	1805.8	1807.8	1819.5	1796.0
35°	1770.6	1764.8	1770.6	1768.7	1770.6	1764.8	1755.0	1753.1	1745.2	1758.9	1741.4
37.5°	1700.3	1694.4	1700.3	1700.3	1700.3	1704.2	1696.4	1690.5	1678.8	1696.4	1682.7
40°	1628.0	1620.2	1628.0	1626.0	1628.0	1631.9	1628.0	1624.1	1612.3	1626.0	1614.3
42.5°	1545.9	1543.9	1545.9	1547.9	1547.9	1555.6	1561.6	1553.7	1549.8	1540.0	1547.9
45°	1457.9	1454.1	1457.9	1461.8	1463.8	1467.7	1485.3	1485.3	1479.5	1463.8	1475.6
47.5°	1364.1	1354.4	1364.1	1375.8	1375.8	1381.7	1399.3	1413.0	1403.2	1383.7	1389.5
50°	1264.5	1266.4	1264.5	1272.3	1272.3	1293.8	1307.5	1321.2	1330.9	1307.5	1280.1
52.5°	1166.8	1164.8	1166.8	1172.6	1180.4	1190.2	1213.7	1227.3	1242.9	1229.3	1186.3
55°	1069.0	1072.9	1069.0	1071.0	1074.9	1080.8	1116.0	1129.6	1158.9	1141.4	1096.4
57.5°	971.3	965.4	971.3	975.2	977.2	983.1	1012.3	1037.7	1055.4	1057.3	1002.6
60°	857.9	850.2	857.9	875.6	879.5	883.3	910.8	934.2	949.8	955.6	899.0
62.5°	758.3	744.6	758.3	770.0	777.9	787.6	807.1	842.3	856.0	857.9	777.9
65°	652.7	646.9	652.7	676.2	678.1	689.9	711.4	736.8	766.1	762.2	646.9
67.5°	557.0	557.0	557.0	572.6	584.4	590.2	617.5	629.3	666.4	670.4	539.4
70°	469.0	467.1	469.0	480.8	488.6	502.3	527.7	541.4	570.6	580.4	437.7
72.5°	385.0	383.1	385.0	394.8	402.6	414.3	435.8	451.5	476.9	488.6	340.0
75°	310.8	306.8	310.8	318.5	316.6	332.3	349.8	365.4	388.9	396.7	252.1
77.5°	238.5	238.5	238.5	246.2	246.2	261.9	269.7	289.2	302.9	314.6	185.6
80°	177.9	175.9	177.9	179.8	179.8	187.6	201.3	215.0	226.7	226.7	127.0
82.5°	125.0	121.2	125.0	125.0	125.0	129.0	136.8	140.7	148.5	154.4	80.2
85°	78.2	78.2	78.2	80.2	78.2	82.1	84.0	87.9	87.9	84.0	48.9
87.5°	50.8	48.9	50.8	48.9	48.9	46.9	46.9	46.9	45.0	43.0	27.3
90°	27.4	27.4	27.4	27.4	27.4	36.5	48.7	54.7	47.0	31.7	20.2
92.5°	109.6	87.9	109.6	131.4	136.9	194.0	270.2	308.3	270.7	195.5	139.1
95°	382.2	316.2	382.2	448.1	464.6	610.1	804.2	901.2	761.1	481.0	270.9
97.5°	915.8	790.3	915.8	1041.3	1072.7	1164.6	1287.3	1348.6	1115.0	647.9	297.5
100°	1319.5	1169.9	1319.5	1469.0	1506.4	1499.7	1490.6	1486.2	1227.0	708.6	319.9
102.5°	1716.5	1588.4	1716.5	1844.5	1876.6	1759.4	1603.1	1525.1	1262.2	736.5	342.2
105°	2222.8	2153.9	2222.8	2291.6	2308.8	2046.1	1695.8	1520.8	1266.2	757.1	375.3
107.5°	2554.4	2571.0	2554.4	2537.8	2533.6	2167.2	1678.6	1434.3	1209.8	760.9	424.3
110°	2680.8	2752.6	2680.8	2609.1	2591.2	2181.6	1635.3	1362.2	1159.9	755.2	451.7





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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2692.2	2802.3	2692.2	2582.0	2554.5	2135.2	1576.2	1296.7	1116.3	755.4	484.8
115°	2620.7	2773.5	2620.7	2468.0	2429.8	2025.9	1487.4	1218.1	1066.2	762.4	534.5
117.5°	2469.4	2638.8	2469.4	2300.0	2257.6	1893.1	1407.2	1164.2	1035.0	776.6	582.8
120°	2347.4	2512.0	2347.4	2182.8	2141.7	1808.7	1364.6	1142.5	1024.4	788.1	610.9
122.5°	2228.6	2390.9	2228.6	2066.3	2025.7	1725.8	1325.9	1126.0	1018.9	804.6	644.0
125°	2059.1	2208.7	2059.1	1909.6	1872.3	1617.5	1277.8	1108.0	1014.3	827.0	686.5
127.5°	1906.8	2033.0	1906.8	1780.6	1749.1	1530.3	1238.6	1092.8	1011.6	849.3	727.6
130°	1817.0	1933.5	1817.0	1700.4	1671.3	1476.6	1216.9	1087.1	1013.3	865.7	755.0
132.5°	1735.4	1839.8	1735.4	1631.1	1605.0	1430.7	1198.2	1082.0	1014.3	878.9	777.3
135°	1623.9	1713.8	1623.9	1533.8	1511.4	1365.4	1170.7	1073.4	1013.3	893.3	803.3
137.5°	1534.3	1607.9	1534.3	1460.6	1442.2	1318.8	1154.2	1071.9	1019.6	914.9	836.4
140°	1472.8	1541.6	1472.8	1403.9	1386.8	1280.1	1138.0	1066.9	1020.6	928.1	858.7
142.5°	1421.9	1481.1	1421.9	1362.6	1347.8	1254.2	1129.4	1066.9	1024.3	939.2	875.3
145°	1345.5	1390.3	1345.5	1300.7	1289.5	1212.9	1110.7	1059.7	1024.3	953.6	900.5
147.5°	1286.9	1324.1	1286.9	1249.8	1240.5	1180.2	1099.9	1059.7	1031.3	974.7	932.2
150°	1250.0	1280.1	1250.0	1219.9	1212.4	1161.5	1093.6	1059.7	1035.0	985.7	948.7
152.5°	1218.4	1241.2	1218.4	1195.7	1190.0	1146.6	1088.6	1059.7	1037.4	992.9	959.6
155°	1182.2	1197.3	1182.2	1167.2	1163.4	1128.8	1082.7	1059.7	1042.7	1008.8	983.3
157.5°	1153.6	1164.2	1153.6	1143.0	1140.4	1113.5	1077.6	1059.7	1048.0	1024.6	1007.1
160°	1136.4	1142.5	1136.4	1130.4	1128.8	1105.8	1075.1	1059.7	1050.4	1031.8	1017.9
162.5°	1125.2	1131.0	1125.2	1119.5	1118.0	1098.6	1072.6	1059.7	1053.0	1039.5	1029.4
165°	1109.0	1115.1	1109.0	1103.0	1101.5	1087.5	1069.0	1059.7	1056.6	1050.5	1046.0
167.5°	1097.5	1100.0	1097.5	1094.9	1094.2	1085.2	1073.0	1066.9	1064.4	1059.2	1055.4
170°	1094.2	1094.2	1094.2	1094.2	1094.2	1085.2	1073.0	1066.9	1066.8	1066.4	1066.1
172.5°	1085.7	1083.5	1085.7	1087.9	1088.5	1081.3	1071.7	1066.9	1066.9	1066.9	1066.9
175°	1080.5	1080.5	1080.5	1080.5	1080.5	1076.0	1069.9	1066.9	1068.4	1071.2	1073.4
177.5°	1075.9	1073.4	1075.9	1078.5	1079.2	1075.5	1070.7	1068.3	1069.5	1071.7	1073.4
180°	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4



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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8
2.5°	2095.1	2083.3	2083.3	2063.8	2056.0	2050.1	2040.3	2011.0	2003.2	1995.4	2007.1
5°	2112.6	2091.2	2075.5	2040.3	2011.0	1999.3	1962.2	1891.8	1844.9	1809.7	1790.2
7.5°	2116.6	2089.2	2059.9	2005.2	1934.8	1903.5	1790.2	1661.2	1626.0	1594.7	1575.2
10°	2112.6	2081.4	2040.3	1958.3	1792.2	1737.4	1624.1	1540.0	1518.5	1512.7	1518.5
12.5°	2098.9	2069.7	2013.0	1876.2	1643.6	1606.5	1540.0	1491.2	1487.3	1497.0	1549.8
15°	2075.5	2048.1	1981.7	1766.8	1561.6	1534.1	1487.3	1469.7	1491.2	1559.6	1717.9
17.5°	2052.0	2020.8	1938.7	1659.3	1499.0	1479.5	1446.2	1481.4	1602.6	1694.4	1747.2
20°	2020.8	1983.7	1889.9	1581.0	1454.1	1436.4	1420.8	1579.1	1671.0	1704.2	1733.5
22.5°	1983.7	1944.6	1823.4	1526.4	1407.1	1393.5	1403.2	1633.9	1671.0	1694.4	1719.8
25°	1934.8	1901.6	1745.2	1483.3	1370.0	1354.4	1391.5	1628.0	1649.5	1655.3	1706.2
27.5°	1889.9	1846.8	1663.1	1444.3	1325.0	1319.2	1401.2	1602.6	1618.2	1624.1	1678.8
30°	1835.1	1770.6	1571.3	1403.2	1278.1	1276.2	1403.2	1571.3	1567.4	1583.0	1637.7
32.5°	1778.5	1657.3	1467.7	1352.4	1233.2	1231.2	1389.5	1524.4	1520.5	1542.0	1583.0
35°	1725.7	1569.3	1327.0	1293.8	1176.5	1178.5	1356.4	1469.7	1471.6	1491.2	1516.6
37.5°	1671.0	1493.1	1172.6	1229.3	1121.8	1121.8	1311.4	1418.9	1415.0	1420.8	1456.0
40°	1606.5	1373.9	1035.8	1145.2	1071.0	1065.1	1256.6	1364.1	1350.4	1348.5	1397.4
42.5°	1538.1	1242.9	934.2	1033.9	1012.3	1004.5	1190.2	1297.7	1272.3	1278.1	1340.6
45°	1463.8	1207.8	856.0	873.6	951.8	945.9	1117.9	1221.5	1203.9	1219.5	1284.0
47.5°	1389.5	1137.4	830.6	725.0	887.3	885.3	1037.7	1147.2	1137.4	1153.1	1221.5
50°	1287.9	1059.3	828.7	621.5	815.0	822.7	942.0	1074.9	1074.9	1088.5	1160.9
52.5°	1157.0	963.5	752.4	562.9	731.0	754.4	857.9	1012.3	1016.2	1030.0	1094.4
55°	1037.7	863.8	697.7	517.9	631.2	682.1	775.9	947.9	955.6	969.4	1028.0
57.5°	928.3	719.2	686.0	465.2	539.4	588.3	703.5	885.3	889.2	901.0	957.6
60°	811.0	519.8	629.3	408.5	459.3	496.4	637.1	811.0	824.7	832.5	881.4
62.5°	678.1	377.2	570.6	369.4	420.2	428.0	582.4	740.7	758.3	764.1	793.5
65°	482.7	316.6	484.7	336.2	379.1	381.1	523.8	668.4	684.0	693.8	715.3
67.5°	326.4	258.0	369.4	304.8	347.9	349.8	467.1	584.4	605.8	613.7	627.3
70°	226.7	172.0	273.6	271.7	312.7	316.6	406.5	508.1	527.7	533.5	541.4
72.5°	166.1	138.8	226.7	244.3	275.6	279.5	344.0	422.1	441.7	447.5	451.5
75°	127.0	146.6	183.7	213.1	234.5	236.5	281.4	344.0	357.7	361.6	363.5
77.5°	101.6	136.8	134.8	172.0	191.5	187.6	220.8	265.8	277.5	277.5	277.5
80°	76.2	107.5	101.6	123.1	140.7	136.8	158.3	189.6	193.5	197.4	195.4
82.5°	56.7	68.4	68.4	78.2	93.8	89.9	105.6	123.1	123.1	123.1	127.0
85°	35.2	39.1	31.3	41.0	52.7	50.8	58.6	66.5	68.4	68.4	64.5
87.5°	21.5	17.6	9.8	15.6	23.5	23.5	27.3	29.3	27.3	27.3	27.3
90°	18.7	13.0	7.2	13.0	18.7	20.2	31.7	47.0	54.7	48.7	36.5
92.5°	126.8	77.8	28.8	77.8	126.8	139.1	195.5	270.7	308.3	270.2	194.0
95°	248.5	158.8	69.1	158.8	248.5	270.9	481.0	761.1	901.2	804.2	610.1
97.5°	277.7	198.7	119.6	198.7	277.7	297.5	647.9	1115.0	1348.6	1287.3	1164.6
100°	301.9	230.2	158.5	230.2	301.9	319.9	708.6	1227.0	1486.2	1490.6	1499.7
102.5°	325.5	258.6	191.7	258.6	325.5	342.2	736.5	1262.2	1525.1	1603.1	1759.4
105°	361.1	304.5	247.8	304.5	361.1	375.3	757.1	1266.2	1520.8	1695.8	2046.1
107.5°	411.1	358.3	305.5	358.3	411.1	424.3	760.9	1209.8	1434.3	1678.6	2167.2
110°	439.7	392.1	344.3	392.1	439.7	451.7	755.2	1159.9	1362.2	1635.3	2181.6



TEST NUMBER: P936123

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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	473.4	428.0	382.5	428.0	473.4	484.8	755.4	1116.3	1296.7	1576.2	2135.2
115°	524.1	482.1	440.1	482.1	524.1	534.5	762.4	1066.2	1218.1	1487.4	2025.9
117.5°	573.3	535.2	497.0	535.2	573.3	582.8	776.6	1035.0	1164.2	1407.2	1893.1
120°	602.0	566.1	530.2	566.1	602.0	610.9	788.1	1024.4	1142.5	1364.6	1808.7
122.5°	635.0	598.8	562.6	598.8	635.0	644.0	804.6	1018.9	1126.0	1325.9	1725.8
125°	678.3	645.3	612.3	645.3	678.3	686.5	827.0	1014.3	1108.0	1277.8	1617.5
127.5°	719.3	685.9	652.7	685.9	719.3	727.6	849.3	1011.6	1092.8	1238.6	1530.3
130°	746.1	710.2	674.3	710.2	746.1	755.0	865.7	1013.3	1087.1	1216.9	1476.6
132.5°	768.4	732.5	696.6	732.5	768.4	777.3	878.9	1014.3	1082.0	1198.2	1430.7
135°	795.1	762.4	729.7	762.4	795.1	803.3	893.3	1013.3	1073.4	1170.7	1365.4
137.5°	828.3	795.9	763.6	795.9	828.3	836.4	914.9	1019.6	1071.9	1154.2	1318.8
140°	851.2	821.5	791.7	821.5	851.2	858.7	928.1	1020.6	1066.9	1138.0	1280.1
142.5°	868.4	840.8	813.3	840.8	868.4	875.3	939.2	1024.3	1066.9	1129.4	1254.2
145°	894.5	870.5	846.5	870.5	894.5	900.5	953.6	1024.3	1059.7	1110.7	1212.9
147.5°	926.3	903.0	879.6	903.0	926.3	932.2	974.7	1031.3	1059.7	1099.9	1180.2
150°	943.4	922.3	901.2	922.3	943.4	948.7	985.7	1035.0	1059.7	1093.6	1161.5
152.5°	955.6	939.6	923.5	939.6	955.6	959.6	992.9	1037.4	1059.7	1088.6	1146.6
155°	980.4	968.5	956.6	968.5	980.4	983.3	1008.8	1042.7	1059.7	1082.7	1128.8
157.5°	1004.2	992.7	981.1	992.7	1004.2	1007.1	1024.6	1048.0	1059.7	1077.6	1113.5
160°	1015.6	1006.7	997.8	1006.7	1015.6	1017.9	1031.8	1050.4	1059.7	1075.1	1105.8
162.5°	1027.7	1021.0	1014.3	1021.0	1027.7	1029.4	1039.5	1053.0	1059.7	1072.6	1098.6
165°	1044.4	1038.4	1032.3	1038.4	1044.4	1046.0	1050.5	1056.6	1059.7	1069.0	1087.5
167.5°	1054.7	1051.7	1048.9	1051.7	1054.7	1055.4	1059.2	1064.4	1066.9	1073.0	1085.2
170°	1065.4	1062.5	1059.7	1062.5	1065.4	1066.1	1066.4	1066.8	1066.9	1073.0	1085.2
172.5°	1066.8	1066.1	1065.4	1066.1	1066.8	1066.9	1066.9	1066.9	1066.9	1071.7	1081.3
175°	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1071.2	1068.4	1066.9	1069.9	1076.0
177.5°	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1071.7	1069.5	1068.3	1070.7	1075.5
180°	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4



TEST NUMBER: P936123  
 CATALOG NUMBER: SQ4-FA-150U-125D-927-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8
2.5°	1993.5	1987.6	1995.4	1973.9	1995.4	1987.6	1993.5	2007.1	1995.4	2003.2	2011.0
5°	1749.1	1739.4	1708.1	1682.7	1708.1	1739.4	1749.1	1790.2	1809.7	1844.9	1891.8
7.5°	1563.5	1555.6	1547.9	1532.2	1547.9	1555.6	1563.5	1575.2	1594.7	1626.0	1661.2
10°	1522.4	1524.4	1536.2	1534.1	1536.2	1524.4	1522.4	1518.5	1512.7	1518.5	1540.0
12.5°	1628.0	1645.6	1710.1	1706.2	1710.1	1645.6	1628.0	1549.8	1497.0	1487.3	1491.2
15°	1749.1	1755.0	1768.7	1770.6	1768.7	1755.0	1749.1	1717.9	1559.6	1491.2	1469.7
17.5°	1760.8	1762.8	1772.6	1772.6	1772.6	1762.8	1760.8	1747.2	1694.4	1602.6	1481.4
20°	1751.1	1755.0	1774.5	1778.5	1774.5	1755.0	1751.1	1733.5	1704.2	1671.0	1579.1
22.5°	1747.2	1755.0	1770.6	1768.7	1770.6	1755.0	1747.2	1719.8	1694.4	1671.0	1633.9
25°	1727.6	1727.6	1729.6	1731.6	1729.6	1727.6	1727.6	1706.2	1655.3	1649.5	1628.0
27.5°	1686.6	1690.5	1702.2	1700.3	1702.2	1690.5	1686.6	1678.8	1624.1	1618.2	1602.6
30°	1649.5	1645.6	1635.8	1628.0	1635.8	1645.6	1649.5	1637.7	1583.0	1567.4	1571.3
32.5°	1587.0	1577.2	1567.4	1561.6	1567.4	1577.2	1587.0	1583.0	1542.0	1520.5	1524.4
35°	1512.7	1514.6	1512.7	1506.8	1512.7	1514.6	1512.7	1516.6	1491.2	1471.6	1469.7
37.5°	1459.9	1463.8	1461.8	1454.1	1461.8	1463.8	1459.9	1456.0	1420.8	1415.0	1418.9
40°	1405.2	1407.1	1405.2	1399.3	1405.2	1407.1	1405.2	1397.4	1348.5	1350.4	1364.1
42.5°	1352.4	1350.4	1344.6	1340.6	1344.6	1350.4	1352.4	1340.6	1278.1	1272.3	1297.7
45°	1291.8	1293.8	1282.0	1276.2	1282.0	1293.8	1291.8	1284.0	1219.5	1203.9	1221.5
47.5°	1231.2	1231.2	1221.5	1215.6	1221.5	1231.2	1231.2	1221.5	1153.1	1137.4	1147.2
50°	1166.8	1164.8	1151.2	1149.1	1151.2	1164.8	1166.8	1160.9	1088.5	1074.9	1074.9
52.5°	1092.5	1092.5	1094.4	1098.3	1094.4	1092.5	1092.5	1094.4	1030.0	1016.2	1012.3
55°	1028.0	1030.0	1043.7	1047.5	1043.7	1030.0	1028.0	1028.0	969.4	955.6	947.9
57.5°	961.6	961.6	971.3	971.3	971.3	961.6	961.6	957.6	901.0	889.2	885.3
60°	885.3	889.2	897.0	895.1	897.0	889.2	885.3	881.4	832.5	824.7	811.0
62.5°	805.2	809.1	811.0	807.1	811.0	809.1	805.2	793.5	764.1	758.3	740.7
65°	721.2	725.0	727.0	723.1	727.0	725.0	721.2	715.3	693.8	684.0	668.4
67.5°	635.2	633.2	631.2	639.1	631.2	633.2	635.2	627.3	613.7	605.8	584.4
70°	547.2	547.2	545.2	549.2	545.2	547.2	547.2	541.4	533.5	527.7	508.1
72.5°	453.4	451.5	459.3	453.4	459.3	451.5	453.4	451.5	447.5	441.7	422.1
75°	361.6	365.4	361.6	367.4	361.6	365.4	361.6	363.5	361.6	357.7	344.0
77.5°	275.6	279.5	275.6	275.6	275.6	279.5	275.6	277.5	277.5	277.5	265.8
80°	195.4	193.5	193.5	191.5	193.5	193.5	195.4	195.4	197.4	193.5	189.6
82.5°	125.0	123.1	123.1	127.0	123.1	123.1	125.0	127.0	123.1	123.1	123.1
85°	68.4	70.4	66.5	66.5	66.5	70.4	68.4	64.5	68.4	68.4	66.5
87.5°	25.4	23.5	23.5	23.5	23.5	23.5	25.4	27.3	27.3	27.3	29.3
90°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	36.5	48.7	54.7	47.0
92.5°	136.9	131.4	109.6	87.9	109.6	131.4	136.9	194.0	270.2	308.3	270.7
95°	464.6	448.1	382.2	316.2	382.2	448.1	464.6	610.1	804.2	901.2	761.1
97.5°	1072.7	1041.3	915.8	790.3	915.8	1041.3	1072.7	1164.6	1287.3	1348.6	1115.0
100°	1506.4	1469.0	1319.5	1169.9	1319.5	1469.0	1506.4	1499.7	1490.6	1486.2	1227.0
102.5°	1876.6	1844.5	1716.5	1588.4	1716.5	1844.5	1876.6	1759.4	1603.1	1525.1	1262.2
105°	2308.8	2291.6	2222.8	2153.9	2222.8	2291.6	2308.8	2046.1	1695.8	1520.8	1266.2
107.5°	2533.6	2537.8	2554.4	2571.0	2554.4	2537.8	2533.6	2167.2	1678.6	1434.3	1209.8
110°	2591.2	2609.1	2680.8	2752.6	2680.8	2609.1	2591.2	2181.6	1635.3	1362.2	1159.9



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2554.5	2582.0	2692.2	2802.3	2692.2	2582.0	2554.5	2135.2	1576.2	1296.7	1116.3
115°	2429.8	2468.0	2620.7	2773.5	2620.7	2468.0	2429.8	2025.9	1487.4	1218.1	1066.2
117.5°	2257.6	2300.0	2469.4	2638.8	2469.4	2300.0	2257.6	1893.1	1407.2	1164.2	1035.0
120°	2141.7	2182.8	2347.4	2512.0	2347.4	2182.8	2141.7	1808.7	1364.6	1142.5	1024.4
122.5°	2025.7	2066.3	2228.6	2390.9	2228.6	2066.3	2025.7	1725.8	1325.9	1126.0	1018.9
125°	1872.3	1909.6	2059.1	2208.7	2059.1	1909.6	1872.3	1617.5	1277.8	1108.0	1014.3
127.5°	1749.1	1780.6	1906.8	2033.0	1906.8	1780.6	1749.1	1530.3	1238.6	1092.8	1011.6
130°	1671.3	1700.4	1817.0	1933.5	1817.0	1700.4	1671.3	1476.6	1216.9	1087.1	1013.3
132.5°	1605.0	1631.1	1735.4	1839.8	1735.4	1631.1	1605.0	1430.7	1198.2	1082.0	1014.3
135°	1511.4	1533.8	1623.9	1713.8	1623.9	1533.8	1511.4	1365.4	1170.7	1073.4	1013.3
137.5°	1442.2	1460.6	1534.3	1607.9	1534.3	1460.6	1442.2	1318.8	1154.2	1071.9	1019.6
140°	1386.8	1403.9	1472.8	1541.6	1472.8	1403.9	1386.8	1280.1	1138.0	1066.9	1020.6
142.5°	1347.8	1362.6	1421.9	1481.1	1421.9	1362.6	1347.8	1254.2	1129.4	1066.9	1024.3
145°	1289.5	1300.7	1345.5	1390.3	1345.5	1300.7	1289.5	1212.9	1110.7	1059.7	1024.3
147.5°	1240.5	1249.8	1286.9	1324.1	1286.9	1249.8	1240.5	1180.2	1099.9	1059.7	1031.3
150°	1212.4	1219.9	1250.0	1280.1	1250.0	1219.9	1212.4	1161.5	1093.6	1059.7	1035.0
152.5°	1190.0	1195.7	1218.4	1241.2	1218.4	1195.7	1190.0	1146.6	1088.6	1059.7	1037.4
155°	1163.4	1167.2	1182.2	1197.3	1182.2	1167.2	1163.4	1128.8	1082.7	1059.7	1042.7
157.5°	1140.4	1143.0	1153.6	1164.2	1153.6	1143.0	1140.4	1113.5	1077.6	1059.7	1048.0
160°	1128.8	1130.4	1136.4	1142.5	1136.4	1130.4	1128.8	1105.8	1075.1	1059.7	1050.4
162.5°	1118.0	1119.5	1125.2	1131.0	1125.2	1119.5	1118.0	1098.6	1072.6	1059.7	1053.0
165°	1101.5	1103.0	1109.0	1115.1	1109.0	1103.0	1101.5	1087.5	1069.0	1059.7	1056.6
167.5°	1094.2	1094.9	1097.5	1100.0	1097.5	1094.9	1094.2	1085.2	1073.0	1066.9	1064.4
170°	1094.2	1094.2	1094.2	1094.2	1094.2	1094.2	1094.2	1085.2	1073.0	1066.9	1066.8
172.5°	1088.5	1087.9	1085.7	1083.5	1085.7	1087.9	1088.5	1081.3	1071.7	1066.9	1066.9
175°	1080.5	1080.5	1080.5	1080.5	1080.5	1080.5	1080.5	1076.0	1069.9	1066.9	1068.4
177.5°	1079.2	1078.5	1075.9	1073.4	1075.9	1078.5	1079.2	1075.5	1070.7	1068.3	1069.5
180°	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	2065.8	2065.8	2065.8	2065.8	2065.8
2.5°	2040.3	2050.1	2056.0	2063.8	2083.3
5°	1962.2	1999.3	2011.0	2040.3	2075.5
7.5°	1790.2	1903.5	1934.8	2005.2	2059.9
10°	1624.1	1737.4	1792.2	1958.3	2040.3
12.5°	1540.0	1606.5	1643.6	1876.2	2013.0
15°	1487.3	1534.1	1561.6	1766.8	1981.7
17.5°	1446.2	1479.5	1499.0	1659.3	1938.7
20°	1420.8	1436.4	1454.1	1581.0	1889.9
22.5°	1403.2	1393.5	1407.1	1526.4	1823.4
25°	1391.5	1354.4	1370.0	1483.3	1745.2
27.5°	1401.2	1319.2	1325.0	1444.3	1663.1
30°	1403.2	1276.2	1278.1	1403.2	1571.3
32.5°	1389.5	1231.2	1233.2	1352.4	1467.7
35°	1356.4	1178.5	1176.5	1293.8	1327.0
37.5°	1311.4	1121.8	1121.8	1229.3	1172.6
40°	1256.6	1065.1	1071.0	1145.2	1035.8
42.5°	1190.2	1004.5	1012.3	1033.9	934.2
45°	1117.9	945.9	951.8	873.6	856.0
47.5°	1037.7	885.3	887.3	725.0	830.6
50°	942.0	822.7	815.0	621.5	828.7
52.5°	857.9	754.4	731.0	562.9	752.4
55°	775.9	682.1	631.2	517.9	697.7
57.5°	703.5	588.3	539.4	465.2	686.0
60°	637.1	496.4	459.3	408.5	629.3
62.5°	582.4	428.0	420.2	369.4	570.6
65°	523.8	381.1	379.1	336.2	484.7
67.5°	467.1	349.8	347.9	304.8	369.4
70°	406.5	316.6	312.7	271.7	273.6
72.5°	344.0	279.5	275.6	244.3	226.7
75°	281.4	236.5	234.5	213.1	183.7
77.5°	220.8	187.6	191.5	172.0	134.8
80°	158.3	136.8	140.7	123.1	101.6
82.5°	105.6	89.9	93.8	78.2	68.4
85°	58.6	50.8	52.7	41.0	31.3
87.5°	27.3	23.5	23.5	15.6	9.8
90°	31.7	20.2	18.7	13.0	7.2
92.5°	195.5	139.1	126.8	77.8	28.8
95°	481.0	270.9	248.5	158.8	69.1
97.5°	647.9	297.5	277.7	198.7	119.6
100°	708.6	319.9	301.9	230.2	158.5
102.5°	736.5	342.2	325.5	258.6	191.7
105°	757.1	375.3	361.1	304.5	247.8
107.5°	760.9	424.3	411.1	358.3	305.5
110°	755.2	451.7	439.7	392.1	344.3



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CATALOG NUMBER: SQ4-FA-150U-125D-927-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	755.4	484.8	473.4	428.0	382.5
115°	762.4	534.5	524.1	482.1	440.1
117.5°	776.6	582.8	573.3	535.2	497.0
120°	788.1	610.9	602.0	566.1	530.2
122.5°	804.6	644.0	635.0	598.8	562.6
125°	827.0	686.5	678.3	645.3	612.3
127.5°	849.3	727.6	719.3	685.9	652.7
130°	865.7	755.0	746.1	710.2	674.3
132.5°	878.9	777.3	768.4	732.5	696.6
135°	893.3	803.3	795.1	762.4	729.7
137.5°	914.9	836.4	828.3	795.9	763.6
140°	928.1	858.7	851.2	821.5	791.7
142.5°	939.2	875.3	868.4	840.8	813.3
145°	953.6	900.5	894.5	870.5	846.5
147.5°	974.7	932.2	926.3	903.0	879.6
150°	985.7	948.7	943.4	922.3	901.2
152.5°	992.9	959.6	955.6	939.6	923.5
155°	1008.8	983.3	980.4	968.5	956.6
157.5°	1024.6	1007.1	1004.2	992.7	981.1
160°	1031.8	1017.9	1015.6	1006.7	997.8
162.5°	1039.5	1029.4	1027.7	1021.0	1014.3
165°	1050.5	1046.0	1044.4	1038.4	1032.3
167.5°	1059.2	1055.4	1054.7	1051.7	1048.9
170°	1066.4	1066.1	1065.4	1062.5	1059.7
172.5°	1066.9	1066.9	1066.8	1066.1	1065.4
175°	1071.2	1073.4	1073.4	1073.4	1073.4
177.5°	1071.7	1073.4	1073.4	1073.4	1073.4
180°	1073.4	1073.4	1073.4	1073.4	1073.4



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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	13.02	13.83	14.03	14.85	16.21	15.85	16.65	16.86	17.67	19.04
	3H	13.50	14.22	14.52	15.25	16.63	17.19	17.91	18.21	18.94	20.32
	4H	13.69	14.37	14.72	15.40	16.79	17.63	18.31	18.66	19.34	20.73
	6H	13.80	14.43	14.85	15.47	16.87	17.91	18.54	18.95	19.57	20.98
	8H	13.80	14.40	14.85	15.45	16.85	17.98	18.58	19.03	19.63	21.03
	12H	13.77	14.34	14.82	15.39	16.81	18.02	18.59	19.07	19.63	21.05
4H	2H	14.05	14.73	15.09	15.76	17.15	16.25	16.93	17.29	17.97	19.36
	3H	15.07	15.64	16.12	16.70	18.10	17.75	18.32	18.80	19.38	20.78
	4H	15.34	15.87	16.40	16.92	18.34	18.27	18.80	19.33	19.85	21.27
	6H	15.47	15.91	16.53	16.99	18.41	18.63	19.08	19.70	20.16	21.58
	8H	15.47	15.89	16.54	16.96	18.39	18.74	19.16	19.80	20.23	21.66
	12H	15.43	15.81	16.52	16.89	18.33	18.79	19.17	19.88	20.25	21.69
8H	4H	15.79	16.21	16.86	17.28	18.71	18.39	18.81	19.46	19.88	21.32
	6H	16.05	16.40	17.14	17.51	18.94	18.83	19.17	19.92	20.28	21.71
	8H	16.09	16.40	17.19	17.49	18.94	18.98	19.28	20.07	20.37	21.83
	12H	16.07	16.34	17.17	17.43	18.92	19.07	19.34	20.17	20.43	21.92
12H	4H	15.80	16.17	16.88	17.26	18.70	18.36	18.73	19.44	19.82	21.26
	6H	16.11	16.42	17.21	17.51	18.96	18.82	19.13	19.92	20.22	21.67
	8H	16.18	16.44	17.27	17.53	19.02	18.98	19.25	20.08	20.34	21.83