

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: P936151

Luminaire Tested: SQ4-FA-150U-125D-930-1D-UNV-STD-W-6

Issue Date: 12/17/2024

**Test Information**

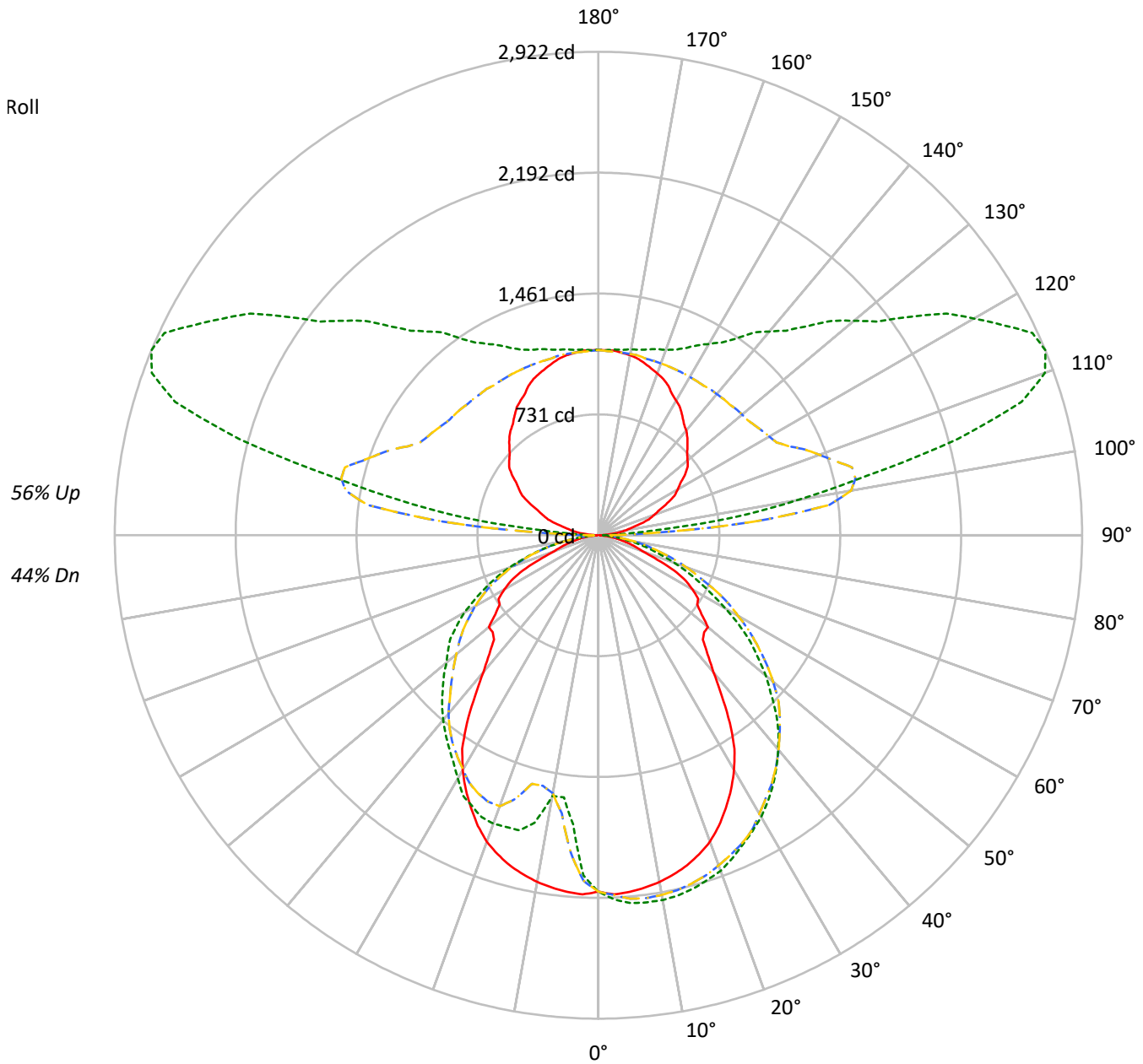
Test Method: LM-79-2019  
Report Number: P936151  
REPORT IS A COMBINATION OF REPORTS P933783 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-150U-125D-930-1D-UNV-STD-W-6  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12846.4 lumens  
Efficiency: N/A  
Efficacy: 102.9 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
1	96	92	88	85	88	84	81	78	70	68	66	57	55	54	44	43	42	37				37
2	88	80	74	69	80	74	69	64	61	58	54	50	47	45	39	37	36	31				31
3	80	71	63	58	73	65	59	54	54	49	46	44	41	38	35	32	30	26				26
4	73	63	55	49	67	57	51	45	48	43	39	39	35	32	31	28	26	22				22
5	67	56	48	42	61	51	44	39	43	37	33	35	31	28	28	25	23	19				19
6	62	50	42	36	56	46	39	34	39	33	29	32	28	24	25	22	20	17				17
7	57	45	37	31	52	41	34	29	35	29	25	29	25	22	23	20	18	15				15
8	53	41	33	28	48	38	31	26	32	26	23	26	22	19	21	18	16	13				13
9	49	37	30	25	45	34	28	23	29	24	20	24	20	17	19	16	14	12				12
10	46	34	27	22	42	31	25	21	27	22	18	22	18	16	18	15	13	11				11

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

	0°	90°	180°	270°
0°	13327	13327	13327	13327
5°	13422	13453	13422	10578
10°	13327	13252	13327	9474
15°	13177	12965	13177	10825
20°	12897	12625	12897	10848
25°	12327	12128	12327	10618
30°	11593	11717	11593	10114
35°	10331	11195	10331	9559
40°	8603	10582	8603	9140
45°	7682	9865	7682	8658
50°	8155	9008	8155	8174
55°	7665	8086	7665	7894
60°	7892	6868	7892	7231
65°	7144	5677	7144	6346
70°	4934	4524	4934	5319
75°	4311	3344	4311	4005
80°	3450	2211	3450	2407
85°	1944	1171	1944	995

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 11781 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	194.5	1.5
10°-20°	552.1	4.3
20°-30°	853.5	6.6
30°-40°	1018.9	7.9
40°-50°	1024.9	8.0
50°-60°	891.8	6.9
60°-70°	632.3	4.9
70°-80°	334.5	2.6
80°-90°	87.6	0.7
90°-100°	545.6	4.2
100°-110°	1434.5	11.2
110°-120°	1487.4	11.6
120°-130°	1193.1	9.3
130°-140°	936.2	7.3
140°-150°	718.5	5.6
150°-160°	517.5	4.0
160°-170°	316.6	2.5
170°-180°	107.0	0.8
0°-30°	1600.1	12.5
0°-40°	2619.0	20.4
0°-60°	4535.6	35.3
0°-90°	5590.0	43.5
90°-120°	3467.6	27.0
90°-150°	6315.4	49.2
90°-180°	7256.0	56.5
0°-180°	12846.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2154	2154	2154	2154	2154	
5°	2164	2232	2164	1755	2164	205
15°	2067	2211	2067	1846	2067	581
25°	1820	2063	1820	1806	1820	836
35°	1384	1840	1384	1571	1384	856
45°	893	1516	893	1331	893	715
55°	728	1119	728	1092	728	669
65°	506	675	506	754	506	483
75°	192	320	192	383	192	201
85°	33	82	33	69	33	44
90°	8	29	8	29	8	8
95°	72	330	72	330	72	80
105°	258	2246	258	2246	258	274
115°	459	2892	459	2892	459	453
125°	638	2303	638	2303	638	567
135°	761	1787	761	1787	761	589
145°	883	1450	883	1450	883	553
155°	998	1249	998	1249	998	458
165°	1077	1163	1077	1163	1077	304
175°	1119	1127	1119	1127	1119	106
180°	1119	1119	1119	1119	1119	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2154.3	2154.3	2154.3	2154.3	2154.3	2154.3	2154.3	2154.3	2154.3	2154.3	2154.3
2.5°	2172.6	2172.6	2184.9	2188.9	2188.9	2182.8	2176.7	2182.8	2201.2	2207.3	2205.2
5°	2164.5	2180.8	2203.2	2207.3	2211.4	2209.3	2205.2	2209.3	2229.7	2233.8	2235.8
7.5°	2148.2	2178.7	2207.3	2213.4	2219.5	2213.4	2211.4	2215.4	2235.8	2239.9	2239.9
10°	2127.8	2170.6	2203.2	2207.3	2213.4	2207.3	2207.3	2215.4	2235.8	2239.9	2241.9
12.5°	2099.3	2158.4	2188.9	2193.0	2201.2	2199.1	2197.1	2205.2	2225.6	2229.7	2229.7
15°	2066.7	2135.9	2164.5	2168.6	2182.8	2178.7	2178.7	2186.9	2209.3	2215.4	2213.4
17.5°	2021.8	2107.4	2140.0	2146.1	2156.3	2154.3	2156.3	2164.5	2184.9	2188.9	2191.0
20°	1970.9	2068.7	2107.4	2113.5	2123.7	2123.7	2123.7	2133.9	2154.3	2162.4	2162.4
22.5°	1901.6	2027.9	2068.7	2072.8	2085.0	2085.0	2089.1	2103.3	2121.7	2123.7	2123.7
25°	1820.0	1983.1	2017.7	2030.0	2042.2	2048.3	2054.4	2062.6	2068.7	2066.7	2068.7
27.5°	1734.4	1926.0	1970.9	1979.0	1995.3	2001.4	2009.6	2011.6	2013.7	2019.8	2015.7
30°	1638.6	1846.5	1913.8	1921.9	1948.4	1952.5	1944.4	1948.4	1958.6	1962.7	1966.8
32.5°	1530.6	1728.3	1854.7	1873.0	1897.5	1885.3	1883.2	1889.3	1905.6	1905.6	1909.7
35°	1383.9	1636.6	1799.7	1816.0	1834.3	1820.0	1828.2	1830.2	1840.4	1846.5	1844.5
37.5°	1222.9	1557.1	1742.6	1754.8	1769.1	1750.7	1763.0	1769.1	1777.2	1773.2	1773.2
40°	1080.2	1432.8	1675.3	1683.5	1695.7	1681.4	1693.7	1697.8	1701.8	1697.8	1695.7
42.5°	974.2	1296.2	1604.0	1614.2	1606.0	1616.2	1620.3	1628.5	1622.3	1614.2	1614.2
45°	892.7	1259.6	1526.5	1538.8	1526.5	1542.9	1549.0	1549.0	1530.6	1526.5	1524.5
47.5°	866.2	1186.2	1449.1	1449.1	1443.0	1463.4	1473.6	1459.3	1440.9	1434.8	1434.8
50°	864.2	1104.7	1343.1	1335.0	1363.5	1388.0	1377.8	1363.5	1349.2	1326.8	1326.8
52.5°	784.7	1004.8	1206.6	1237.1	1282.0	1296.2	1279.9	1265.7	1241.2	1231.0	1222.9
55°	727.6	900.8	1082.2	1143.4	1190.3	1208.6	1178.0	1163.8	1127.1	1121.0	1116.9
57.5°	715.4	750.0	968.1	1045.6	1102.6	1100.6	1082.2	1055.7	1025.2	1019.1	1017.0
60°	656.3	542.1	845.8	937.5	996.6	990.5	974.2	949.8	921.2	917.2	913.1
62.5°	595.1	393.4	707.2	811.2	894.7	892.7	878.4	841.7	821.4	811.2	803.0
65°	505.5	330.2	503.4	674.6	794.9	798.9	768.4	741.9	719.5	707.2	705.2
67.5°	385.2	269.0	340.4	562.5	699.1	695.0	656.3	644.0	615.5	609.4	597.2
70°	285.3	179.4	236.4	456.5	605.3	595.1	564.6	550.3	523.8	509.5	501.4
72.5°	236.4	144.7	173.2	354.6	509.5	497.3	470.8	454.5	432.1	419.9	411.7
75°	191.6	152.9	132.5	262.9	413.7	405.6	381.1	364.8	346.5	330.2	332.2
77.5°	140.6	142.7	106.0	193.6	328.1	315.9	301.6	281.3	273.1	256.8	256.8
80°	106.0	112.1	79.5	132.5	236.4	236.4	224.2	209.9	195.7	187.5	187.5
82.5°	71.3	71.3	59.1	83.6	161.0	154.9	146.7	142.7	134.5	130.4	130.4
85°	32.6	40.8	36.7	51.0	87.6	91.7	91.7	87.6	85.6	81.5	83.6
87.5°	10.2	18.3	22.4	28.5	44.8	46.9	48.9	48.9	48.9	51.0	51.0
90°	7.5	13.6	19.5	21.0	33.1	49.1	57.1	50.7	38.1	28.6	28.6
92.5°	30.0	81.1	132.3	145.0	203.9	282.3	321.5	281.8	202.4	142.8	137.1
95°	72.1	165.6	259.1	282.5	501.6	793.8	939.8	838.7	636.3	484.5	467.3
97.5°	124.7	207.2	289.6	310.3	675.6	1162.8	1406.4	1342.5	1214.5	1118.7	1085.9
100°	165.3	240.1	314.9	333.6	739.0	1279.6	1549.9	1554.5	1563.9	1570.9	1532.0
102.5°	199.9	269.6	339.4	356.9	768.1	1316.3	1590.4	1671.8	1834.8	1957.0	1923.6
105°	258.4	317.5	376.6	391.4	789.6	1320.5	1585.9	1768.5	2133.8	2407.8	2389.8
107.5°	318.6	373.6	428.7	442.5	793.5	1261.7	1495.7	1750.5	2260.0	2642.2	2646.5
110°	359.1	408.9	458.6	471.0	787.6	1209.6	1420.6	1705.4	2275.1	2702.3	2721.0



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	398.9	446.3	493.7	505.6	787.8	1164.1	1352.3	1643.7	2226.7	2664.0	2692.7
115°	459.0	502.8	546.5	557.4	795.1	1111.9	1270.3	1551.2	2112.8	2533.9	2573.8
117.5°	518.3	558.1	597.8	607.8	809.9	1079.3	1214.1	1467.5	1974.3	2354.4	2398.6
120°	552.9	590.4	627.8	637.1	821.9	1068.3	1191.5	1423.1	1886.2	2233.5	2276.3
122.5°	586.8	624.5	662.2	671.6	839.1	1062.5	1174.2	1382.8	1799.8	2112.5	2154.9
125°	638.5	672.9	707.4	716.0	862.4	1057.8	1155.4	1332.6	1686.8	1952.5	1991.4
127.5°	680.6	715.3	750.1	758.8	885.7	1055.0	1139.6	1291.7	1595.9	1824.0	1856.9
130°	703.2	740.6	778.0	787.3	902.8	1056.7	1133.7	1269.1	1539.8	1742.9	1773.3
132.5°	726.5	763.9	801.3	810.6	916.5	1057.8	1128.4	1249.5	1492.0	1673.8	1701.0
135°	761.0	795.1	829.2	837.7	931.6	1056.7	1119.4	1220.9	1423.9	1576.1	1599.6
137.5°	796.3	830.1	863.8	872.2	954.1	1063.3	1117.9	1203.7	1375.3	1504.0	1523.2
140°	825.6	856.7	887.7	895.5	967.9	1064.4	1112.6	1186.8	1335.0	1446.2	1464.1
142.5°	848.1	876.9	905.6	912.8	979.4	1068.2	1112.6	1177.8	1307.9	1405.6	1421.0
145°	882.7	907.8	932.8	939.1	994.4	1068.2	1105.1	1158.3	1264.9	1344.8	1356.4
147.5°	917.3	941.7	966.0	972.1	1016.4	1075.5	1105.1	1147.0	1230.8	1293.6	1303.3
150°	939.8	961.8	983.8	989.4	1027.9	1079.4	1105.1	1140.5	1211.2	1264.3	1272.2
152.5°	963.1	979.8	996.5	1000.7	1035.5	1081.9	1105.1	1135.3	1195.7	1241.0	1247.0
155°	997.6	1010.0	1022.4	1025.4	1052.0	1087.4	1105.1	1129.1	1177.2	1213.3	1217.2
157.5°	1023.2	1035.2	1047.3	1050.2	1068.6	1092.9	1105.1	1123.8	1161.2	1189.2	1192.0
160°	1040.5	1049.8	1059.2	1061.5	1076.0	1095.4	1105.1	1121.1	1153.2	1177.2	1178.8
162.5°	1057.8	1064.8	1071.8	1073.5	1084.0	1098.1	1105.1	1118.6	1145.6	1166.0	1167.5
165°	1076.6	1082.9	1089.2	1090.8	1095.5	1101.9	1105.1	1114.8	1134.2	1148.7	1150.3
167.5°	1093.8	1096.8	1099.9	1100.6	1104.6	1110.0	1112.6	1119.0	1131.7	1141.1	1141.8
170°	1105.1	1108.1	1111.1	1111.8	1112.1	1112.5	1112.6	1119.0	1131.7	1141.1	1141.1
172.5°	1111.1	1111.8	1112.5	1112.6	1112.6	1112.6	1112.6	1117.6	1127.7	1135.1	1134.6
175°	1119.4	1119.4	1119.4	1119.4	1117.1	1114.2	1112.6	1115.8	1122.1	1126.8	1126.8
177.5°	1119.4	1119.4	1119.4	1119.4	1117.6	1115.3	1114.1	1116.6	1121.6	1125.4	1124.8
180°	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2154.3	2154.3	2154.3	2154.3	2154.3	2154.3	2154.3	2154.3	2154.3	2154.3	2154.3
2.5°	2209.3	2203.2	2209.3	2205.2	2207.3	2201.2	2182.8	2176.7	2182.8	2188.9	2188.9
5°	2235.8	2231.7	2235.8	2235.8	2233.8	2229.7	2209.3	2205.2	2209.3	2211.4	2207.3
7.5°	2244.0	2237.9	2244.0	2239.9	2239.9	2235.8	2215.4	2211.4	2213.4	2219.5	2213.4
10°	2244.0	2237.9	2244.0	2241.9	2239.9	2235.8	2215.4	2207.3	2207.3	2213.4	2207.3
12.5°	2233.8	2229.7	2233.8	2229.7	2229.7	2225.6	2205.2	2197.1	2199.1	2201.2	2193.0
15°	2217.5	2211.4	2217.5	2213.4	2215.4	2209.3	2186.9	2178.7	2178.7	2182.8	2168.6
17.5°	2193.0	2184.9	2193.0	2191.0	2188.9	2184.9	2164.5	2156.3	2154.3	2156.3	2146.1
20°	2164.5	2158.4	2164.5	2162.4	2162.4	2154.3	2133.9	2123.7	2123.7	2123.7	2113.5
22.5°	2119.6	2113.5	2119.6	2123.7	2123.7	2121.7	2103.3	2089.1	2085.0	2085.0	2072.8
25°	2068.7	2062.6	2068.7	2068.7	2066.7	2068.7	2062.6	2054.4	2048.3	2042.2	2030.0
27.5°	2019.8	2015.7	2019.8	2015.7	2019.8	2013.7	2011.6	2009.6	2001.4	1995.3	1979.0
30°	1970.9	1966.8	1970.9	1966.8	1962.7	1958.6	1948.4	1944.4	1952.5	1948.4	1921.9
32.5°	1909.7	1905.6	1909.7	1909.7	1905.6	1905.6	1889.3	1883.2	1885.3	1897.5	1873.0
35°	1846.5	1840.4	1846.5	1844.5	1846.5	1840.4	1830.2	1828.2	1820.0	1834.3	1816.0
37.5°	1773.2	1767.0	1773.2	1773.2	1773.2	1777.2	1769.1	1763.0	1750.7	1769.1	1754.8
40°	1697.8	1689.6	1697.8	1695.7	1697.8	1701.8	1697.8	1693.7	1681.4	1695.7	1683.5
42.5°	1612.2	1610.1	1612.2	1614.2	1614.2	1622.3	1628.5	1620.3	1616.2	1606.0	1614.2
45°	1520.4	1516.4	1520.4	1524.5	1526.5	1530.6	1549.0	1549.0	1542.9	1526.5	1538.8
47.5°	1422.6	1412.4	1422.6	1434.8	1434.8	1440.9	1459.3	1473.6	1463.4	1443.0	1449.1
50°	1318.7	1320.7	1318.7	1326.8	1326.8	1349.2	1363.5	1377.8	1388.0	1363.5	1335.0
52.5°	1216.8	1214.7	1216.8	1222.9	1231.0	1241.2	1265.7	1279.9	1296.2	1282.0	1237.1
55°	1114.8	1118.9	1114.8	1116.9	1121.0	1127.1	1163.8	1178.0	1208.6	1190.3	1143.4
57.5°	1012.9	1006.8	1012.9	1017.0	1019.1	1025.2	1055.7	1082.2	1100.6	1102.6	1045.6
60°	894.7	886.6	894.7	913.1	917.2	921.2	949.8	974.2	990.5	996.6	937.5
62.5°	790.8	776.5	790.8	803.0	811.2	821.4	841.7	878.4	892.7	894.7	811.2
65°	680.7	674.6	680.7	705.2	707.2	719.5	741.9	768.4	798.9	794.9	674.6
67.5°	580.9	580.9	580.9	597.2	609.4	615.5	644.0	656.3	695.0	699.1	562.5
70°	489.1	487.1	489.1	501.4	509.5	523.8	550.3	564.6	595.1	605.3	456.5
72.5°	401.5	399.5	401.5	411.7	419.9	432.1	454.5	470.8	497.3	509.5	354.6
75°	324.1	320.0	324.1	332.2	330.2	346.5	364.8	381.1	405.6	413.7	262.9
77.5°	248.7	248.7	248.7	256.8	256.8	273.1	281.3	301.6	315.9	328.1	193.6
80°	185.5	183.4	185.5	187.5	187.5	195.7	209.9	224.2	236.4	236.4	132.5
82.5°	130.4	126.4	130.4	130.4	130.4	134.5	142.7	146.7	154.9	161.0	83.6
85°	81.5	81.5	81.5	83.6	81.5	85.6	87.6	91.7	91.7	87.6	51.0
87.5°	53.0	51.0	53.0	51.0	51.0	48.9	48.9	48.9	46.9	44.8	28.5
90°	28.6	28.6	28.6	28.6	28.6	38.1	50.7	57.1	49.1	33.1	21.0
92.5°	114.3	91.6	114.3	137.1	142.8	202.4	281.8	321.5	282.3	203.9	145.0
95°	398.5	329.8	398.5	467.3	484.5	636.3	838.7	939.8	793.8	501.6	282.5
97.5°	955.0	824.1	955.0	1085.9	1118.7	1214.5	1342.5	1406.4	1162.8	675.6	310.3
100°	1376.0	1220.1	1376.0	1532.0	1570.9	1563.9	1554.5	1549.9	1279.6	739.0	333.6
102.5°	1790.0	1656.5	1790.0	1923.6	1957.0	1834.8	1671.8	1590.4	1316.3	768.1	356.9
105°	2318.0	2246.2	2318.0	2389.8	2407.8	2133.8	1768.5	1585.9	1320.5	789.6	391.4
107.5°	2663.9	2681.2	2663.9	2646.5	2642.2	2260.0	1750.5	1495.7	1261.7	793.5	442.5
110°	2795.7	2870.6	2795.7	2721.0	2702.3	2275.1	1705.4	1420.6	1209.6	787.6	471.0





TEST NUMBER: P936151

CATALOG NUMBER: SQ4-FA-150U-125D-930-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2807.5	2922.4	2807.5	2692.7	2664.0	2226.7	1643.7	1352.3	1164.1	787.8	505.6
115°	2733.0	2892.3	2733.0	2573.8	2533.9	2112.8	1551.2	1270.3	1111.9	795.1	557.4
117.5°	2575.2	2751.9	2575.2	2398.6	2354.4	1974.3	1467.5	1214.1	1079.3	809.9	607.8
120°	2448.0	2619.6	2448.0	2276.3	2233.5	1886.2	1423.1	1191.5	1068.3	821.9	637.1
122.5°	2324.1	2493.4	2324.1	2154.9	2112.5	1799.8	1382.8	1174.2	1062.5	839.1	671.6
125°	2147.4	2303.3	2147.4	1991.4	1952.5	1686.8	1332.6	1155.4	1057.8	862.4	716.0
127.5°	1988.5	2120.1	1988.5	1856.9	1824.0	1595.9	1291.7	1139.6	1055.0	885.7	758.8
130°	1894.8	2016.3	1894.8	1773.3	1742.9	1539.8	1269.1	1133.7	1056.7	902.8	787.3
132.5°	1809.8	1918.7	1809.8	1701.0	1673.8	1492.0	1249.5	1128.4	1057.8	916.5	810.6
135°	1693.4	1787.2	1693.4	1599.6	1576.1	1423.9	1220.9	1119.4	1056.7	931.6	837.7
137.5°	1600.1	1676.8	1600.1	1523.2	1504.0	1375.3	1203.7	1117.9	1063.3	954.1	872.2
140°	1535.9	1607.7	1535.9	1464.1	1446.2	1335.0	1186.8	1112.6	1064.4	967.9	895.5
142.5°	1482.8	1544.6	1482.8	1421.0	1405.6	1307.9	1177.8	1112.6	1068.2	979.4	912.8
145°	1403.2	1449.9	1403.2	1356.4	1344.8	1264.9	1158.3	1105.1	1068.2	994.4	939.1
147.5°	1342.1	1380.8	1342.1	1303.3	1293.6	1230.8	1147.0	1105.1	1075.5	1016.4	972.1
150°	1303.6	1335.0	1303.6	1272.2	1264.3	1211.2	1140.5	1105.1	1079.4	1027.9	989.4
152.5°	1270.7	1294.4	1270.7	1247.0	1241.0	1195.7	1135.3	1105.1	1081.9	1035.5	1000.7
155°	1232.8	1248.6	1232.8	1217.2	1213.3	1177.2	1129.1	1105.1	1087.4	1052.0	1025.4
157.5°	1203.1	1214.1	1203.1	1192.0	1189.2	1161.2	1123.8	1105.1	1092.9	1068.6	1050.2
160°	1185.1	1191.5	1185.1	1178.8	1177.2	1153.2	1121.1	1105.1	1095.4	1076.0	1061.5
162.5°	1173.4	1179.4	1173.4	1167.5	1166.0	1145.6	1118.6	1105.1	1098.1	1084.0	1073.5
165°	1156.6	1162.9	1156.6	1150.3	1148.7	1134.2	1114.8	1105.1	1101.9	1095.5	1090.8
167.5°	1144.5	1147.2	1144.5	1141.8	1141.1	1131.7	1119.0	1112.6	1110.0	1104.6	1100.6
170°	1141.1	1141.1	1141.1	1141.1	1141.1	1131.7	1119.0	1112.6	1112.5	1112.1	1111.8
172.5°	1132.2	1129.9	1132.2	1134.6	1135.1	1127.7	1117.6	1112.6	1112.6	1112.6	1112.6
175°	1126.8	1126.8	1126.8	1126.8	1126.8	1122.1	1115.8	1112.6	1114.2	1117.1	1119.4
177.5°	1122.0	1119.4	1122.0	1124.8	1125.4	1121.6	1116.6	1114.1	1115.3	1117.6	1119.4
180°	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4



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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2154.3	2154.3	2154.3	2154.3	2154.3	2154.3	2154.3	2154.3	2154.3	2154.3	2154.3
2.5°	2184.9	2172.6	2172.6	2152.3	2144.1	2138.0	2127.8	2097.2	2089.1	2080.9	2093.1
5°	2203.2	2180.8	2164.5	2127.8	2097.2	2085.0	2046.3	1972.9	1924.0	1887.3	1866.9
7.5°	2207.3	2178.7	2148.2	2091.1	2017.7	1985.1	1866.9	1732.4	1695.7	1663.1	1642.7
10°	2203.2	2170.6	2127.8	2042.2	1869.0	1811.9	1693.7	1606.0	1583.6	1577.5	1583.6
12.5°	2188.9	2158.4	2099.3	1956.6	1714.1	1675.3	1606.0	1555.1	1551.0	1561.2	1616.2
15°	2164.5	2135.9	2066.7	1842.5	1628.5	1599.9	1551.0	1532.7	1555.1	1626.4	1791.5
17.5°	2140.0	2107.4	2021.8	1730.4	1563.2	1542.9	1508.2	1544.9	1671.3	1767.0	1822.1
20°	2107.4	2068.7	1970.9	1648.8	1516.4	1498.0	1481.7	1646.8	1742.6	1777.2	1807.8
22.5°	2068.7	2027.9	1901.6	1591.8	1467.4	1453.2	1463.4	1703.9	1742.6	1767.0	1793.5
25°	2017.7	1983.1	1820.0	1546.9	1428.7	1412.4	1451.1	1697.8	1720.2	1726.3	1779.3
27.5°	1970.9	1926.0	1734.4	1506.2	1381.8	1375.7	1461.3	1671.3	1687.6	1693.7	1750.7
30°	1913.8	1846.5	1638.6	1463.4	1332.9	1330.9	1463.4	1638.6	1634.6	1650.9	1707.9
32.5°	1854.7	1728.3	1530.6	1410.4	1286.1	1284.0	1449.1	1589.7	1585.7	1608.1	1650.9
35°	1799.7	1636.6	1383.9	1349.2	1226.9	1229.0	1414.5	1532.7	1534.7	1555.1	1581.6
37.5°	1742.6	1557.1	1222.9	1282.0	1169.9	1169.9	1367.6	1479.7	1475.6	1481.7	1518.4
40°	1675.3	1432.8	1080.2	1194.3	1116.9	1110.8	1310.5	1422.6	1408.3	1406.3	1457.3
42.5°	1604.0	1296.2	974.2	1078.2	1055.7	1047.6	1241.2	1353.3	1326.8	1332.9	1398.1
45°	1526.5	1259.6	892.7	911.0	992.6	986.4	1165.8	1273.8	1255.5	1271.8	1339.0
47.5°	1449.1	1186.2	866.2	756.1	925.3	923.3	1082.2	1196.4	1186.2	1202.5	1273.8
50°	1343.1	1104.7	864.2	648.1	849.9	858.0	982.4	1121.0	1121.0	1135.2	1210.6
52.5°	1206.6	1004.8	784.7	587.0	762.3	786.7	894.7	1055.7	1059.8	1074.1	1141.3
55°	1082.2	900.8	727.6	540.1	658.3	711.3	809.1	988.5	996.6	1010.9	1072.0
57.5°	968.1	750.0	715.4	485.1	562.5	613.5	733.7	923.3	927.3	939.6	998.7
60°	845.8	542.1	656.3	426.0	479.0	517.7	664.4	845.8	860.1	868.2	919.2
62.5°	707.2	393.4	595.1	385.2	438.2	446.3	607.4	772.4	790.8	796.9	827.5
65°	503.4	330.2	505.5	350.6	395.4	397.4	546.2	697.0	713.3	723.5	746.0
67.5°	340.4	269.0	385.2	317.9	362.8	364.8	487.1	609.4	631.8	640.0	654.2
70°	236.4	179.4	285.3	283.3	326.1	330.2	423.9	529.9	550.3	556.4	564.6
72.5°	173.2	144.7	236.4	254.8	287.4	291.5	358.7	440.2	460.6	466.7	470.8
75°	132.5	152.9	191.6	222.2	244.6	246.6	293.5	358.7	373.0	377.1	379.1
77.5°	106.0	142.7	140.6	179.4	199.7	195.7	230.3	277.2	289.4	289.4	289.4
80°	79.5	112.1	106.0	128.4	146.7	142.7	165.1	197.7	201.8	205.8	203.8
82.5°	59.1	71.3	71.3	81.5	97.8	93.8	110.1	128.4	128.4	128.4	132.5
85°	36.7	40.8	32.6	42.8	55.0	53.0	61.1	69.3	71.3	71.3	67.3
87.5°	22.4	18.3	10.2	16.3	24.5	24.5	28.5	30.6	28.5	28.5	28.5
90°	19.5	13.6	7.5	13.6	19.5	21.0	33.1	49.1	57.1	50.7	38.1
92.5°	132.3	81.1	30.0	81.1	132.3	145.0	203.9	282.3	321.5	281.8	202.4
95°	259.1	165.6	72.1	165.6	259.1	282.5	501.6	793.8	939.8	838.7	636.3
97.5°	289.6	207.2	124.7	207.2	289.6	310.3	675.6	1162.8	1406.4	1342.5	1214.5
100°	314.9	240.1	165.3	240.1	314.9	333.6	739.0	1279.6	1549.9	1554.5	1563.9
102.5°	339.4	269.6	199.9	269.6	339.4	356.9	768.1	1316.3	1590.4	1671.8	1834.8
105°	376.6	317.5	258.4	317.5	376.6	391.4	789.6	1320.5	1585.9	1768.5	2133.8
107.5°	428.7	373.6	318.6	373.6	428.7	442.5	793.5	1261.7	1495.7	1750.5	2260.0
110°	458.6	408.9	359.1	408.9	458.6	471.0	787.6	1209.6	1420.6	1705.4	2275.1



TEST NUMBER: P936151

CATALOG NUMBER: SQ4-FA-150U-125D-930-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	493.7	446.3	398.9	446.3	493.7	505.6	787.8	1164.1	1352.3	1643.7	2226.7
115°	546.5	502.8	459.0	502.8	546.5	557.4	795.1	1111.9	1270.3	1551.2	2112.8
117.5°	597.8	558.1	518.3	558.1	597.8	607.8	809.9	1079.3	1214.1	1467.5	1974.3
120°	627.8	590.4	552.9	590.4	627.8	637.1	821.9	1068.3	1191.5	1423.1	1886.2
122.5°	662.2	624.5	586.8	624.5	662.2	671.6	839.1	1062.5	1174.2	1382.8	1799.8
125°	707.4	672.9	638.5	672.9	707.4	716.0	862.4	1057.8	1155.4	1332.6	1686.8
127.5°	750.1	715.3	680.6	715.3	750.1	758.8	885.7	1055.0	1139.6	1291.7	1595.9
130°	778.0	740.6	703.2	740.6	778.0	787.3	902.8	1056.7	1133.7	1269.1	1539.8
132.5°	801.3	763.9	726.5	763.9	801.3	810.6	916.5	1057.8	1128.4	1249.5	1492.0
135°	829.2	795.1	761.0	795.1	829.2	837.7	931.6	1056.7	1119.4	1220.9	1423.9
137.5°	863.8	830.1	796.3	830.1	863.8	872.2	954.1	1063.3	1117.9	1203.7	1375.3
140°	887.7	856.7	825.6	856.7	887.7	895.5	967.9	1064.4	1112.6	1186.8	1335.0
142.5°	905.6	876.9	848.1	876.9	905.6	912.8	979.4	1068.2	1112.6	1177.8	1307.9
145°	932.8	907.8	882.7	907.8	932.8	939.1	994.4	1068.2	1105.1	1158.3	1264.9
147.5°	966.0	941.7	917.3	941.7	966.0	972.1	1016.4	1075.5	1105.1	1147.0	1230.8
150°	983.8	961.8	939.8	961.8	983.8	989.4	1027.9	1079.4	1105.1	1140.5	1211.2
152.5°	996.5	979.8	963.1	979.8	996.5	1000.7	1035.5	1081.9	1105.1	1135.3	1195.7
155°	1022.4	1010.0	997.6	1010.0	1022.4	1025.4	1052.0	1087.4	1105.1	1129.1	1177.2
157.5°	1047.3	1035.2	1023.2	1035.2	1047.3	1050.2	1068.6	1092.9	1105.1	1123.8	1161.2
160°	1059.2	1049.8	1040.5	1049.8	1059.2	1061.5	1076.0	1095.4	1105.1	1121.1	1153.2
162.5°	1071.8	1064.8	1057.8	1064.8	1071.8	1073.5	1084.0	1098.1	1105.1	1118.6	1145.6
165°	1089.2	1082.9	1076.6	1082.9	1089.2	1090.8	1095.5	1101.9	1105.1	1114.8	1134.2
167.5°	1099.9	1096.8	1093.8	1096.8	1099.9	1100.6	1104.6	1110.0	1112.6	1119.0	1131.7
170°	1111.1	1108.1	1105.1	1108.1	1111.1	1111.8	1112.1	1112.5	1112.6	1119.0	1131.7
172.5°	1112.5	1111.8	1111.1	1111.8	1112.5	1112.6	1112.6	1112.6	1112.6	1117.6	1127.7
175°	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1117.1	1114.2	1112.6	1115.8	1122.1
177.5°	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1117.6	1115.3	1114.1	1116.6	1121.6
180°	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4



TEST NUMBER: P936151  
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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2154.3	2154.3	2154.3	2154.3	2154.3	2154.3	2154.3	2154.3	2154.3	2154.3	2154.3
2.5°	2078.9	2072.8	2080.9	2058.5	2080.9	2072.8	2078.9	2093.1	2080.9	2089.1	2097.2
5°	1824.1	1813.9	1781.3	1754.8	1781.3	1813.9	1824.1	1866.9	1887.3	1924.0	1972.9
7.5°	1630.5	1622.3	1614.2	1597.9	1614.2	1622.3	1630.5	1642.7	1663.1	1695.7	1732.4
10°	1587.7	1589.7	1602.0	1599.9	1602.0	1589.7	1587.7	1583.6	1577.5	1583.6	1606.0
12.5°	1697.8	1716.1	1783.4	1779.3	1783.4	1716.1	1697.8	1616.2	1561.2	1551.0	1555.1
15°	1824.1	1830.2	1844.5	1846.5	1844.5	1830.2	1824.1	1791.5	1626.4	1555.1	1532.7
17.5°	1836.3	1838.4	1848.6	1848.6	1848.6	1838.4	1836.3	1822.1	1767.0	1671.3	1544.9
20°	1826.2	1830.2	1850.6	1854.7	1850.6	1830.2	1826.2	1807.8	1777.2	1742.6	1646.8
22.5°	1822.1	1830.2	1846.5	1844.5	1846.5	1830.2	1822.1	1793.5	1767.0	1742.6	1703.9
25°	1801.7	1801.7	1803.7	1805.8	1803.7	1801.7	1801.7	1779.3	1726.3	1720.2	1697.8
27.5°	1758.9	1763.0	1775.2	1773.2	1775.2	1763.0	1758.9	1750.7	1693.7	1687.6	1671.3
30°	1720.2	1716.1	1705.9	1697.8	1705.9	1716.1	1720.2	1707.9	1650.9	1634.6	1638.6
32.5°	1655.0	1644.8	1634.6	1628.5	1634.6	1644.8	1655.0	1650.9	1608.1	1585.7	1589.7
35°	1577.5	1579.5	1577.5	1571.4	1577.5	1579.5	1577.5	1581.6	1555.1	1534.7	1532.7
37.5°	1522.5	1526.5	1524.5	1516.4	1524.5	1526.5	1522.5	1518.4	1481.7	1475.6	1479.7
40°	1465.4	1467.4	1465.4	1459.3	1465.4	1467.4	1465.4	1457.3	1406.3	1408.3	1422.6
42.5°	1410.4	1408.3	1402.2	1398.1	1402.2	1408.3	1410.4	1398.1	1332.9	1326.8	1353.3
45°	1347.2	1349.2	1337.0	1330.9	1337.0	1349.2	1347.2	1339.0	1271.8	1255.5	1273.8
47.5°	1284.0	1284.0	1273.8	1267.7	1273.8	1284.0	1284.0	1273.8	1202.5	1186.2	1196.4
50°	1216.8	1214.7	1200.5	1198.4	1200.5	1214.7	1216.8	1210.6	1135.2	1121.0	1121.0
52.5°	1139.3	1139.3	1141.3	1145.4	1141.3	1139.3	1139.3	1141.3	1074.1	1059.8	1055.7
55°	1072.0	1074.1	1088.4	1092.4	1088.4	1074.1	1072.0	1072.0	1010.9	996.6	988.5
57.5°	1002.8	1002.8	1012.9	1012.9	1012.9	1002.8	1002.8	998.7	939.6	927.3	923.3
60°	923.3	927.3	935.5	933.5	935.5	927.3	923.3	919.2	868.2	860.1	845.8
62.5°	839.7	843.8	845.8	841.7	845.8	843.8	839.7	827.5	796.9	790.8	772.4
65°	752.1	756.1	758.2	754.1	758.2	756.1	752.1	746.0	723.5	713.3	697.0
67.5°	662.4	660.3	658.3	666.5	658.3	660.3	662.4	654.2	640.0	631.8	609.4
70°	570.7	570.7	568.6	572.7	568.6	570.7	570.7	564.6	556.4	550.3	529.9
72.5°	472.8	470.8	479.0	472.8	479.0	470.8	472.8	470.8	466.7	460.6	440.2
75°	377.1	381.1	377.1	383.2	377.1	381.1	377.1	379.1	377.1	373.0	358.7
77.5°	287.4	291.5	287.4	287.4	287.4	291.5	287.4	289.4	289.4	289.4	277.2
80°	203.8	201.8	201.8	199.7	201.8	201.8	203.8	203.8	205.8	201.8	197.7
82.5°	130.4	128.4	128.4	132.5	128.4	128.4	130.4	132.5	128.4	128.4	128.4
85°	71.3	73.4	69.3	69.3	69.3	73.4	71.3	67.3	71.3	71.3	69.3
87.5°	26.5	24.5	24.5	24.5	24.5	24.5	26.5	28.5	28.5	28.5	30.6
90°	28.6	28.6	28.6	28.6	28.6	28.6	28.6	38.1	50.7	57.1	49.1
92.5°	142.8	137.1	114.3	91.6	114.3	137.1	142.8	202.4	281.8	321.5	282.3
95°	484.5	467.3	398.5	329.8	398.5	467.3	484.5	636.3	838.7	939.8	793.8
97.5°	1118.7	1085.9	955.0	824.1	955.0	1085.9	1118.7	1214.5	1342.5	1406.4	1162.8
100°	1570.9	1532.0	1376.0	1220.1	1376.0	1532.0	1570.9	1563.9	1554.5	1549.9	1279.6
102.5°	1957.0	1923.6	1790.0	1656.5	1790.0	1923.6	1957.0	1834.8	1671.8	1590.4	1316.3
105°	2407.8	2389.8	2318.0	2246.2	2318.0	2389.8	2407.8	2133.8	1768.5	1585.9	1320.5
107.5°	2642.2	2646.5	2663.9	2681.2	2663.9	2646.5	2642.2	2260.0	1750.5	1495.7	1261.7
110°	2702.3	2721.0	2795.7	2870.6	2795.7	2721.0	2702.3	2275.1	1705.4	1420.6	1209.6



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2664.0	2692.7	2807.5	2922.4	2807.5	2692.7	2664.0	2226.7	1643.7	1352.3	1164.1
115°	2533.9	2573.8	2733.0	2892.3	2733.0	2573.8	2533.9	2112.8	1551.2	1270.3	1111.9
117.5°	2354.4	2398.6	2575.2	2751.9	2575.2	2398.6	2354.4	1974.3	1467.5	1214.1	1079.3
120°	2233.5	2276.3	2448.0	2619.6	2448.0	2276.3	2233.5	1886.2	1423.1	1191.5	1068.3
122.5°	2112.5	2154.9	2324.1	2493.4	2324.1	2154.9	2112.5	1799.8	1382.8	1174.2	1062.5
125°	1952.5	1991.4	2147.4	2303.3	2147.4	1991.4	1952.5	1686.8	1332.6	1155.4	1057.8
127.5°	1824.0	1856.9	1988.5	2120.1	1988.5	1856.9	1824.0	1595.9	1291.7	1139.6	1055.0
130°	1742.9	1773.3	1894.8	2016.3	1894.8	1773.3	1742.9	1539.8	1269.1	1133.7	1056.7
132.5°	1673.8	1701.0	1809.8	1918.7	1809.8	1701.0	1673.8	1492.0	1249.5	1128.4	1057.8
135°	1576.1	1599.6	1693.4	1787.2	1693.4	1599.6	1576.1	1423.9	1220.9	1119.4	1056.7
137.5°	1504.0	1523.2	1600.1	1676.8	1600.1	1523.2	1504.0	1375.3	1203.7	1117.9	1063.3
140°	1446.2	1464.1	1535.9	1607.7	1535.9	1464.1	1446.2	1335.0	1186.8	1112.6	1064.4
142.5°	1405.6	1421.0	1482.8	1544.6	1482.8	1421.0	1405.6	1307.9	1177.8	1112.6	1068.2
145°	1344.8	1356.4	1403.2	1449.9	1403.2	1356.4	1344.8	1264.9	1158.3	1105.1	1068.2
147.5°	1293.6	1303.3	1342.1	1380.8	1342.1	1303.3	1293.6	1230.8	1147.0	1105.1	1075.5
150°	1264.3	1272.2	1303.6	1335.0	1303.6	1272.2	1264.3	1211.2	1140.5	1105.1	1079.4
152.5°	1241.0	1247.0	1270.7	1294.4	1270.7	1247.0	1241.0	1195.7	1135.3	1105.1	1081.9
155°	1213.3	1217.2	1232.8	1248.6	1232.8	1217.2	1213.3	1177.2	1129.1	1105.1	1087.4
157.5°	1189.2	1192.0	1203.1	1214.1	1203.1	1192.0	1189.2	1161.2	1123.8	1105.1	1092.9
160°	1177.2	1178.8	1185.1	1191.5	1185.1	1178.8	1177.2	1153.2	1121.1	1105.1	1095.4
162.5°	1166.0	1167.5	1173.4	1179.4	1173.4	1167.5	1166.0	1145.6	1118.6	1105.1	1098.1
165°	1148.7	1150.3	1156.6	1162.9	1156.6	1150.3	1148.7	1134.2	1114.8	1105.1	1101.9
167.5°	1141.1	1141.8	1144.5	1147.2	1144.5	1141.8	1141.1	1131.7	1119.0	1112.6	1110.0
170°	1141.1	1141.1	1141.1	1141.1	1141.1	1141.1	1141.1	1131.7	1119.0	1112.6	1112.5
172.5°	1135.1	1134.6	1132.2	1129.9	1132.2	1134.6	1135.1	1127.7	1117.6	1112.6	1112.6
175°	1126.8	1126.8	1126.8	1126.8	1126.8	1126.8	1126.8	1122.1	1115.8	1112.6	1114.2
177.5°	1125.4	1124.8	1122.0	1119.4	1122.0	1124.8	1125.4	1121.6	1116.6	1114.1	1115.3
180°	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	2154.3	2154.3	2154.3	2154.3	2154.3
2.5°	2127.8	2138.0	2144.1	2152.3	2172.6
5°	2046.3	2085.0	2097.2	2127.8	2164.5
7.5°	1866.9	1985.1	2017.7	2091.1	2148.2
10°	1693.7	1811.9	1869.0	2042.2	2127.8
12.5°	1606.0	1675.3	1714.1	1956.6	2099.3
15°	1551.0	1599.9	1628.5	1842.5	2066.7
17.5°	1508.2	1542.9	1563.2	1730.4	2021.8
20°	1481.7	1498.0	1516.4	1648.8	1970.9
22.5°	1463.4	1453.2	1467.4	1591.8	1901.6
25°	1451.1	1412.4	1428.7	1546.9	1820.0
27.5°	1461.3	1375.7	1381.8	1506.2	1734.4
30°	1463.4	1330.9	1332.9	1463.4	1638.6
32.5°	1449.1	1284.0	1286.1	1410.4	1530.6
35°	1414.5	1229.0	1226.9	1349.2	1383.9
37.5°	1367.6	1169.9	1169.9	1282.0	1222.9
40°	1310.5	1110.8	1116.9	1194.3	1080.2
42.5°	1241.2	1047.6	1055.7	1078.2	974.2
45°	1165.8	986.4	992.6	911.0	892.7
47.5°	1082.2	923.3	925.3	756.1	866.2
50°	982.4	858.0	849.9	648.1	864.2
52.5°	894.7	786.7	762.3	587.0	784.7
55°	809.1	711.3	658.3	540.1	727.6
57.5°	733.7	613.5	562.5	485.1	715.4
60°	664.4	517.7	479.0	426.0	656.3
62.5°	607.4	446.3	438.2	385.2	595.1
65°	546.2	397.4	395.4	350.6	505.5
67.5°	487.1	364.8	362.8	317.9	385.2
70°	423.9	330.2	326.1	283.3	285.3
72.5°	358.7	291.5	287.4	254.8	236.4
75°	293.5	246.6	244.6	222.2	191.6
77.5°	230.3	195.7	199.7	179.4	140.6
80°	165.1	142.7	146.7	128.4	106.0
82.5°	110.1	93.8	97.8	81.5	71.3
85°	61.1	53.0	55.0	42.8	32.6
87.5°	28.5	24.5	24.5	16.3	10.2
90°	33.1	21.0	19.5	13.6	7.5
92.5°	203.9	145.0	132.3	81.1	30.0
95°	501.6	282.5	259.1	165.6	72.1
97.5°	675.6	310.3	289.6	207.2	124.7
100°	739.0	333.6	314.9	240.1	165.3
102.5°	768.1	356.9	339.4	269.6	199.9
105°	789.6	391.4	376.6	317.5	258.4
107.5°	793.5	442.5	428.7	373.6	318.6
110°	787.6	471.0	458.6	408.9	359.1



TEST NUMBER: P936151

CATALOG NUMBER: SQ4-FA-150U-125D-930-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	787.8	505.6	493.7	446.3	398.9
115°	795.1	557.4	546.5	502.8	459.0
117.5°	809.9	607.8	597.8	558.1	518.3
120°	821.9	637.1	627.8	590.4	552.9
122.5°	839.1	671.6	662.2	624.5	586.8
125°	862.4	716.0	707.4	672.9	638.5
127.5°	885.7	758.8	750.1	715.3	680.6
130°	902.8	787.3	778.0	740.6	703.2
132.5°	916.5	810.6	801.3	763.9	726.5
135°	931.6	837.7	829.2	795.1	761.0
137.5°	954.1	872.2	863.8	830.1	796.3
140°	967.9	895.5	887.7	856.7	825.6
142.5°	979.4	912.8	905.6	876.9	848.1
145°	994.4	939.1	932.8	907.8	882.7
147.5°	1016.4	972.1	966.0	941.7	917.3
150°	1027.9	989.4	983.8	961.8	939.8
152.5°	1035.5	1000.7	996.5	979.8	963.1
155°	1052.0	1025.4	1022.4	1010.0	997.6
157.5°	1068.6	1050.2	1047.3	1035.2	1023.2
160°	1076.0	1061.5	1059.2	1049.8	1040.5
162.5°	1084.0	1073.5	1071.8	1064.8	1057.8
165°	1095.5	1090.8	1089.2	1082.9	1076.6
167.5°	1104.6	1100.6	1099.9	1096.8	1093.8
170°	1112.1	1111.8	1111.1	1108.1	1105.1
172.5°	1112.6	1112.6	1112.5	1111.8	1111.1
175°	1117.1	1119.4	1119.4	1119.4	1119.4
177.5°	1117.6	1119.4	1119.4	1119.4	1119.4
180°	1119.4	1119.4	1119.4	1119.4	1119.4



TEST NUMBER: P936151  
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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	13.17	13.98	14.18	15.00	16.36	15.99	16.80	17.00	17.82	19.18
	3H	13.64	14.36	14.66	15.39	16.77	17.33	18.06	18.35	19.08	20.47
	4H	13.83	14.51	14.86	15.55	16.94	17.77	18.46	18.81	19.49	20.88
	6H	13.95	14.58	14.99	15.61	17.01	18.05	18.68	19.10	19.72	21.12
	8H	13.95	14.55	15.00	15.60	17.00	18.13	18.73	19.18	19.78	21.18
	12H	13.92	14.49	14.97	15.53	16.95	18.16	18.73	19.22	19.78	21.20
4H	2H	14.19	14.88	15.23	15.91	17.30	16.40	17.08	17.44	18.11	19.50
	3H	15.22	15.79	16.26	16.85	18.25	17.90	18.47	18.94	19.53	20.93
	4H	15.49	16.01	16.54	17.06	18.49	18.42	18.94	19.48	19.99	21.42
	6H	15.61	16.06	16.68	17.14	18.55	18.78	19.23	19.85	20.30	21.72
	8H	15.62	16.03	16.68	17.10	18.54	18.89	19.30	19.95	20.37	21.81
	12H	15.58	15.96	16.66	17.04	18.48	18.94	19.32	20.02	20.40	21.84
8H	4H	15.94	16.36	17.00	17.42	18.86	18.54	18.96	19.61	20.03	21.46
	6H	16.20	16.54	17.29	17.65	19.08	18.97	19.32	20.06	20.43	21.86
	8H	16.24	16.54	17.33	17.64	19.09	19.12	19.43	20.22	20.52	21.97
	12H	16.22	16.49	17.32	17.58	19.07	19.22	19.49	20.32	20.57	22.06
12H	4H	15.94	16.32	17.02	17.40	18.84	18.50	18.88	19.59	19.96	21.40
	6H	16.26	16.56	17.35	17.65	19.10	18.97	19.27	20.07	20.37	21.82
	8H	16.32	16.59	17.42	17.68	19.17	19.13	19.39	20.23	20.48	21.97