

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: P935751

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

Issue Date: 12/17/2024

**Test Information**

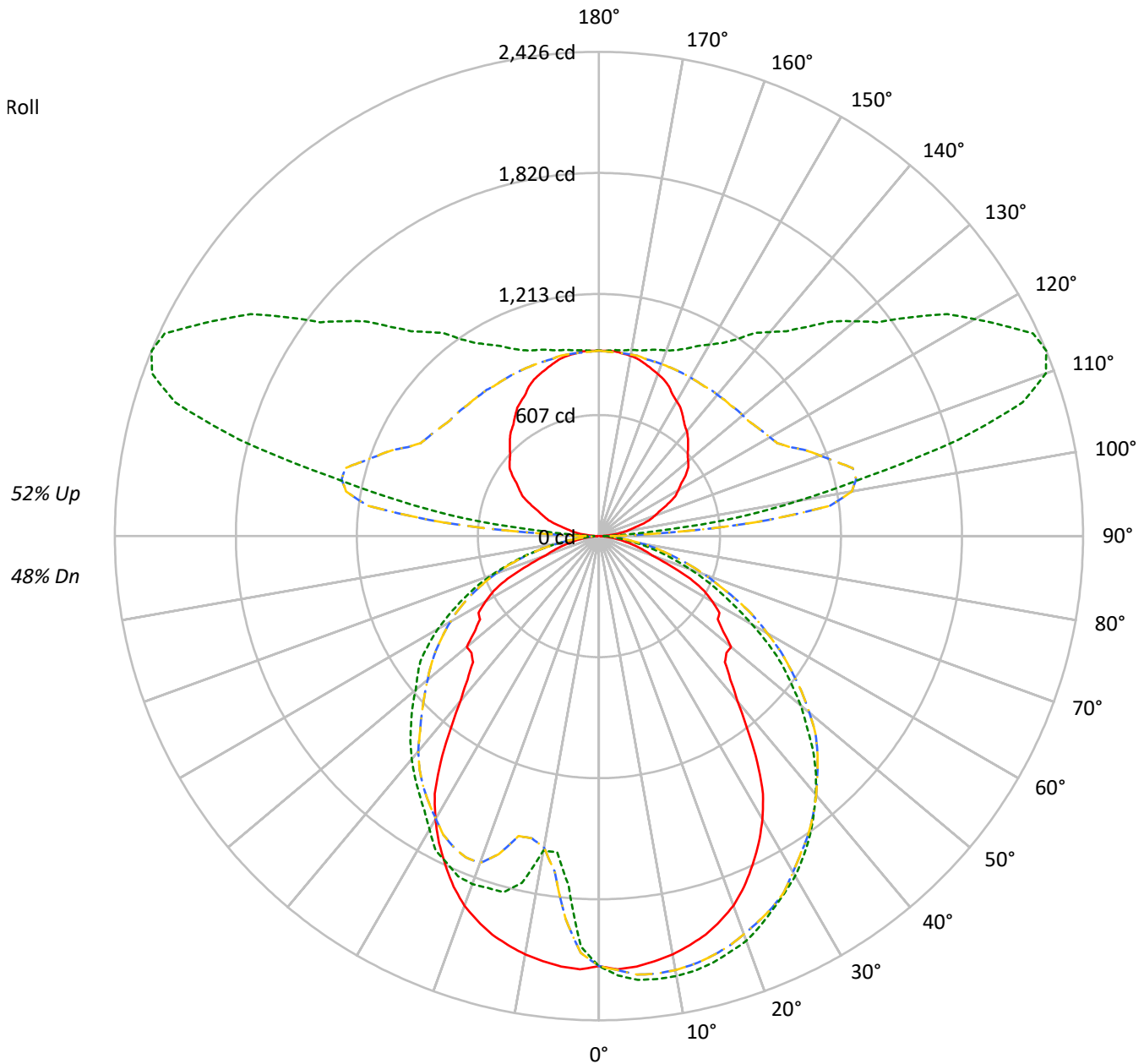
Test Method: LM-79-2019  
Report Number: P935751  
REPORT IS A COMBINATION OF REPORTS P933767 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-125D-930-1D-UNV-STD-W-6  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11613.0 lumens  
Efficiency: N/A  
Efficacy: 103.0 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): 112.8  
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							
RC	80				70				50				30							
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10			
RCR																				
0	107	107	107	107	98	98	98	98	82	82	82	82	68	68	68	68	54	54	54	48
1	97	93	89	86	90	86	83	80	72	70	68	68	60	58	57	57	48	47	46	41
2	89	81	75	70	81	75	70	65	63	59	56	56	52	50	47	47	42	41	39	34
3	81	71	64	58	74	66	60	55	56	51	47	47	46	43	40	40	38	35	33	29
4	74	63	55	49	68	59	52	46	50	44	40	40	41	37	34	34	34	31	28	25
5	68	56	48	42	62	52	45	40	44	39	35	35	37	33	30	30	30	27	25	21
6	62	50	42	37	57	47	40	34	40	34	30	30	33	29	26	26	27	24	22	19
7	58	45	38	32	53	42	35	30	36	31	26	26	30	26	23	23	25	22	19	17
8	54	41	34	28	49	38	31	27	33	27	23	23	28	23	20	20	23	20	17	15
9	50	38	30	25	46	35	28	24	30	25	21	21	25	21	18	18	21	18	16	13
10	47	34	27	22	43	32	26	21	28	22	19	19	24	19	16	16	20	16	14	12

**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	1.7
10°-20°	552.1	4.8
20°-30°	853.5	7.3
30°-40°	1018.9	8.8
40°-50°	1024.9	8.8
50°-60°	891.8	7.7
60°-70°	632.3	5.4
70°-80°	334.5	2.9
80°-90°	86.9	0.7
90°-100°	452.9	3.9
100°-110°	1190.8	10.3
110°-120°	1234.8	10.6
120°-130°	990.4	8.5
130°-140°	777.1	6.7
140°-150°	596.5	5.1
150°-160°	429.6	3.7
160°-170°	262.8	2.3
170°-180°	88.8	0.8
0°-30°	1600.1	13.8
0°-40°	2619.0	22.6
0°-60°	4535.6	39.1
0°-90°	5589.2	48.1
90°-120°	2878.5	24.8
90°-150°	5242.5	45.1
90°-180°	6024.0	51.9
0°-180°	11613.0	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°	6	24	6	24	6	7
95°	60	274	60	274	60	66
105°	215	1865	215	1865	215	227
115°	381	2401	381	2401	381	376
125°	530	1912	530	1912	530	471
135°	632	1484	632	1484	632	489
145°	733	1204	733	1204	733	459
155°	828	1036	828	1036	828	381
165°	894	965	894	965	894	252
175°	929	936	929	936	929	88
180°	929	929	929	929	929	



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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°	6.3	11.2	16.2	17.4	27.4	40.7	47.4	42.1	31.6	23.7	23.7
92.5°	25.0	67.4	109.8	120.4	169.2	234.3	266.9	233.9	168.0	118.5	113.8
95°	59.9	137.5	215.0	234.5	416.4	658.9	780.2	696.2	528.2	402.2	387.9
97.5°	103.5	171.9	240.4	257.5	560.8	965.3	1167.5	1114.4	1008.2	928.6	901.4
100°	137.2	199.3	261.4	276.9	613.4	1062.2	1286.6	1290.4	1298.2	1304.0	1271.6
102.5°	165.9	223.8	281.8	296.2	637.6	1092.6	1320.2	1387.8	1523.1	1624.5	1596.8
105°	214.6	263.6	312.6	324.9	655.4	1096.2	1316.5	1468.1	1771.3	1998.7	1983.8
107.5°	264.4	310.1	355.9	367.3	658.8	1047.4	1241.7	1453.2	1876.1	2193.3	2196.9
110°	298.1	339.3	380.6	391.0	653.7	1004.1	1179.3	1415.7	1888.6	2243.3	2258.8



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	331.2	370.5	409.9	419.7	654.0	966.3	1122.5	1364.5	1848.4	2211.4	2235.2
115°	381.0	417.3	453.7	462.8	660.1	923.0	1054.6	1287.7	1753.9	2103.5	2136.6
117.5°	430.3	463.3	496.3	504.5	672.3	895.9	1007.8	1218.2	1638.9	1954.5	1991.1
120°	459.0	490.1	521.1	528.9	682.2	886.8	989.1	1181.3	1565.7	1854.0	1889.7
122.5°	487.1	518.4	549.7	557.5	696.6	882.0	974.8	1147.9	1494.1	1753.7	1788.8
125°	530.1	558.6	587.2	594.3	716.0	878.1	959.2	1106.2	1400.3	1620.9	1653.2
127.5°	565.0	593.8	622.6	629.9	735.3	875.8	946.1	1072.3	1324.9	1514.2	1541.5
130°	583.7	614.8	645.8	653.6	749.4	877.1	941.0	1053.5	1278.2	1446.8	1472.1
132.5°	603.1	634.1	665.1	672.9	760.8	878.1	936.7	1037.3	1238.5	1389.4	1412.0
135°	631.7	660.0	688.3	695.3	773.3	877.3	929.2	1013.5	1182.0	1308.4	1327.8
137.5°	661.0	689.1	717.1	724.1	792.0	882.7	927.9	999.2	1141.6	1248.5	1264.4
140°	685.4	711.1	736.9	743.3	803.4	883.5	923.6	985.1	1108.2	1200.5	1215.4
142.5°	704.1	727.9	751.8	757.7	813.0	886.8	923.6	977.7	1085.7	1166.8	1179.7
145°	732.7	753.5	774.3	779.6	825.5	886.8	917.3	961.6	1050.0	1116.3	1126.0
147.5°	761.5	781.7	802.0	807.0	843.8	892.9	917.3	952.1	1021.7	1073.9	1082.0
150°	780.2	798.5	816.7	821.3	853.3	896.0	917.3	946.7	1005.5	1049.6	1056.1
152.5°	799.5	813.4	827.3	830.7	859.6	898.1	917.3	942.4	992.6	1030.2	1035.1
155°	828.2	838.5	848.7	851.3	873.3	902.7	917.3	937.3	977.3	1007.2	1010.5
157.5°	849.4	859.4	869.3	871.8	887.0	907.2	917.3	932.8	963.9	987.2	989.5
160°	863.7	871.5	879.3	881.2	893.3	909.3	917.3	930.7	957.3	977.3	978.5
162.5°	878.1	883.9	889.7	891.2	899.9	911.6	917.3	928.6	951.0	967.9	969.1
165°	893.7	899.0	904.3	905.5	909.5	914.7	917.3	925.4	941.5	953.6	954.8
167.5°	908.0	910.5	913.0	913.7	916.9	921.4	923.6	928.9	939.4	947.3	947.9
170°	917.3	919.8	922.3	923.0	923.2	923.4	923.6	928.9	939.4	947.3	947.3
172.5°	922.3	922.9	923.4	923.6	923.6	923.6	923.6	927.8	936.1	942.3	941.8
175°	929.2	929.2	929.2	929.2	927.4	924.9	923.6	926.3	931.6	935.5	935.5
177.5°	929.2	929.2	929.2	929.2	927.8	925.8	924.8	926.9	931.1	934.2	933.6
180°	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2



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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°	23.7	23.7	23.7	23.7	23.7	31.6	42.1	47.4	40.7	27.4	17.4
92.5°	94.9	76.0	94.9	113.8	118.5	168.0	233.9	266.9	234.3	169.2	120.4
95°	330.8	273.7	330.8	387.9	402.2	528.2	696.2	780.2	658.9	416.4	234.5
97.5°	792.8	684.2	792.8	901.4	928.6	1008.2	1114.4	1167.5	965.3	560.8	257.5
100°	1142.3	1012.8	1142.3	1271.6	1304.0	1298.2	1290.4	1286.6	1062.2	613.4	276.9
102.5°	1486.0	1375.1	1486.0	1596.8	1624.5	1523.1	1387.8	1320.2	1092.6	637.6	296.2
105°	1924.2	1864.6	1924.2	1983.8	1998.7	1771.3	1468.1	1316.5	1096.2	655.4	324.9
107.5°	2211.3	2225.8	2211.3	2196.9	2193.3	1876.1	1453.2	1241.7	1047.4	658.8	367.3
110°	2320.8	2382.9	2320.8	2258.8	2243.3	1888.6	1415.7	1179.3	1004.1	653.7	391.0





TEST NUMBER: P935751

CATALOG NUMBER: SQ4-FA-125U-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°	2330.5	2425.9	2330.5	2235.2	2211.4	1848.4	1364.5	1122.5	966.3	654.0	419.7
115°	2268.8	2401.0	2268.8	2136.6	2103.5	1753.9	1287.7	1054.6	923.0	660.1	462.8
117.5°	2137.7	2284.4	2137.7	1991.1	1954.5	1638.9	1218.2	1007.8	895.9	672.3	504.5
120°	2032.2	2174.6	2032.2	1889.7	1854.0	1565.7	1181.3	989.1	886.8	682.2	528.9
122.5°	1929.3	2069.8	1929.3	1788.8	1753.7	1494.1	1147.9	974.8	882.0	696.6	557.5
125°	1782.7	1912.1	1782.7	1653.2	1620.9	1400.3	1106.2	959.2	878.1	716.0	594.3
127.5°	1650.7	1759.9	1650.7	1541.5	1514.2	1324.9	1072.3	946.1	875.8	735.3	629.9
130°	1573.0	1673.9	1573.0	1472.1	1446.8	1278.2	1053.5	941.0	877.1	749.4	653.6
132.5°	1502.4	1592.8	1502.4	1412.0	1389.4	1238.5	1037.3	936.7	878.1	760.8	672.9
135°	1405.7	1483.6	1405.7	1327.8	1308.4	1182.0	1013.5	929.2	877.3	773.3	695.3
137.5°	1328.2	1391.9	1328.2	1264.4	1248.5	1141.6	999.2	927.9	882.7	792.0	724.1
140°	1275.0	1334.6	1275.0	1215.4	1200.5	1108.2	985.1	923.6	883.5	803.4	743.3
142.5°	1230.9	1282.2	1230.9	1179.7	1166.8	1085.7	977.7	923.6	886.8	813.0	757.7
145°	1164.8	1203.6	1164.8	1126.0	1116.3	1050.0	961.6	917.3	886.8	825.5	779.6
147.5°	1114.2	1146.3	1114.2	1082.0	1073.9	1021.7	952.1	917.3	892.9	843.8	807.0
150°	1082.2	1108.2	1082.2	1056.1	1049.6	1005.5	946.7	917.3	896.0	853.3	821.3
152.5°	1054.8	1074.5	1054.8	1035.1	1030.2	992.6	942.4	917.3	898.1	859.6	830.7
155°	1023.5	1036.5	1023.5	1010.5	1007.2	977.3	937.3	917.3	902.7	873.3	851.3
157.5°	998.6	1007.8	998.6	989.5	987.2	963.9	932.8	917.3	907.2	887.0	871.8
160°	983.8	989.1	983.8	978.5	977.3	957.3	930.7	917.3	909.3	893.3	881.2
162.5°	974.1	979.1	974.1	969.1	967.9	951.0	928.6	917.3	911.6	899.9	891.2
165°	960.1	965.4	960.1	954.8	953.6	941.5	925.4	917.3	914.7	909.5	905.5
167.5°	950.0	952.3	950.0	947.9	947.3	939.4	928.9	923.6	921.4	916.9	913.7
170°	947.3	947.3	947.3	947.3	947.3	939.4	928.9	923.6	923.4	923.2	923.0
172.5°	939.9	938.0	939.9	941.8	942.3	936.1	927.8	923.6	923.6	923.6	923.6
175°	935.5	935.5	935.5	935.5	935.5	931.6	926.3	923.6	924.9	927.4	929.2
177.5°	931.5	929.2	931.5	933.6	934.2	931.1	926.9	924.8	925.8	927.8	929.2
180°	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2



TEST NUMBER: P935751  
 CATALOG NUMBER: SQ4-FA-125U-125D-930-1D-UNV-STD-W-6

**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°	16.2	11.2	6.3	11.2	16.2	17.4	27.4	40.7	47.4	42.1	31.6
92.5°	109.8	67.4	25.0	67.4	109.8	120.4	169.2	234.3	266.9	233.9	168.0
95°	215.0	137.5	59.9	137.5	215.0	234.5	416.4	658.9	780.2	696.2	528.2
97.5°	240.4	171.9	103.5	171.9	240.4	257.5	560.8	965.3	1167.5	1114.4	1008.2
100°	261.4	199.3	137.2	199.3	261.4	276.9	613.4	1062.2	1286.6	1290.4	1298.2
102.5°	281.8	223.8	165.9	223.8	281.8	296.2	637.6	1092.6	1320.2	1387.8	1523.1
105°	312.6	263.6	214.6	263.6	312.6	324.9	655.4	1096.2	1316.5	1468.1	1771.3
107.5°	355.9	310.1	264.4	310.1	355.9	367.3	658.8	1047.4	1241.7	1453.2	1876.1
110°	380.6	339.3	298.1	339.3	380.6	391.0	653.7	1004.1	1179.3	1415.7	1888.6



TEST NUMBER: P935751

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

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	409.9	370.5	331.2	370.5	409.9	419.7	654.0	966.3	1122.5	1364.5	1848.4
115°	453.7	417.3	381.0	417.3	453.7	462.8	660.1	923.0	1054.6	1287.7	1753.9
117.5°	496.3	463.3	430.3	463.3	496.3	504.5	672.3	895.9	1007.8	1218.2	1638.9
120°	521.1	490.1	459.0	490.1	521.1	528.9	682.2	886.8	989.1	1181.3	1565.7
122.5°	549.7	518.4	487.1	518.4	549.7	557.5	696.6	882.0	974.8	1147.9	1494.1
125°	587.2	558.6	530.1	558.6	587.2	594.3	716.0	878.1	959.2	1106.2	1400.3
127.5°	622.6	593.8	565.0	593.8	622.6	629.9	735.3	875.8	946.1	1072.3	1324.9
130°	645.8	614.8	583.7	614.8	645.8	653.6	749.4	877.1	941.0	1053.5	1278.2
132.5°	665.1	634.1	603.1	634.1	665.1	672.9	760.8	878.1	936.7	1037.3	1238.5
135°	688.3	660.0	631.7	660.0	688.3	695.3	773.3	877.3	929.2	1013.5	1182.0
137.5°	717.1	689.1	661.0	689.1	717.1	724.1	792.0	882.7	927.9	999.2	1141.6
140°	736.9	711.1	685.4	711.1	736.9	743.3	803.4	883.5	923.6	985.1	1108.2
142.5°	751.8	727.9	704.1	727.9	751.8	757.7	813.0	886.8	923.6	977.7	1085.7
145°	774.3	753.5	732.7	753.5	774.3	779.6	825.5	886.8	917.3	961.6	1050.0
147.5°	802.0	781.7	761.5	781.7	802.0	807.0	843.8	892.9	917.3	952.1	1021.7
150°	816.7	798.5	780.2	798.5	816.7	821.3	853.3	896.0	917.3	946.7	1005.5
152.5°	827.3	813.4	799.5	813.4	827.3	830.7	859.6	898.1	917.3	942.4	992.6
155°	848.7	838.5	828.2	838.5	848.7	851.3	873.3	902.7	917.3	937.3	977.3
157.5°	869.3	859.4	849.4	859.4	869.3	871.8	887.0	907.2	917.3	932.8	963.9
160°	879.3	871.5	863.7	871.5	879.3	881.2	893.3	909.3	917.3	930.7	957.3
162.5°	889.7	883.9	878.1	883.9	889.7	891.2	899.9	911.6	917.3	928.6	951.0
165°	904.3	899.0	893.7	899.0	904.3	905.5	909.5	914.7	917.3	925.4	941.5
167.5°	913.0	910.5	908.0	910.5	913.0	913.7	916.9	921.4	923.6	928.9	939.4
170°	922.3	919.8	917.3	919.8	922.3	923.0	923.2	923.4	923.6	928.9	939.4
172.5°	923.4	922.9	922.3	922.9	923.4	923.6	923.6	923.6	923.6	927.8	936.1
175°	929.2	929.2	929.2	929.2	929.2	929.2	927.4	924.9	923.6	926.3	931.6
177.5°	929.2	929.2	929.2	929.2	929.2	929.2	927.8	925.8	924.8	926.9	931.1
180°	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2



TEST NUMBER: P935751  
 CATALOG NUMBER: SQ4-FA-125U-125D-930-1D-UNV-STD-W-6

**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°	23.7	23.7	23.7	23.7	23.7	23.7	23.7	31.6	42.1	47.4	40.7
92.5°	118.5	113.8	94.9	76.0	94.9	113.8	118.5	168.0	233.9	266.9	234.3
95°	402.2	387.9	330.8	273.7	330.8	387.9	402.2	528.2	696.2	780.2	658.9
97.5°	928.6	901.4	792.8	684.2	792.8	901.4	928.6	1008.2	1114.4	1167.5	965.3
100°	1304.0	1271.6	1142.3	1012.8	1142.3	1271.6	1304.0	1298.2	1290.4	1286.6	1062.2
102.5°	1624.5	1596.8	1486.0	1375.1	1486.0	1596.8	1624.5	1523.1	1387.8	1320.2	1092.6
105°	1998.7	1983.8	1924.2	1864.6	1924.2	1983.8	1998.7	1771.3	1468.1	1316.5	1096.2
107.5°	2193.3	2196.9	2211.3	2225.8	2211.3	2196.9	2193.3	1876.1	1453.2	1241.7	1047.4
110°	2243.3	2258.8	2320.8	2382.9	2320.8	2258.8	2243.3	1888.6	1415.7	1179.3	1004.1



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2211.4	2235.2	2330.5	2425.9	2330.5	2235.2	2211.4	1848.4	1364.5	1122.5	966.3
115°	2103.5	2136.6	2268.8	2401.0	2268.8	2136.6	2103.5	1753.9	1287.7	1054.6	923.0
117.5°	1954.5	1991.1	2137.7	2284.4	2137.7	1991.1	1954.5	1638.9	1218.2	1007.8	895.9
120°	1854.0	1889.7	2032.2	2174.6	2032.2	1889.7	1854.0	1565.7	1181.3	989.1	886.8
122.5°	1753.7	1788.8	1929.3	2069.8	1929.3	1788.8	1753.7	1494.1	1147.9	974.8	882.0
125°	1620.9	1653.2	1782.7	1912.1	1782.7	1653.2	1620.9	1400.3	1106.2	959.2	878.1
127.5°	1514.2	1541.5	1650.7	1759.9	1650.7	1541.5	1514.2	1324.9	1072.3	946.1	875.8
130°	1446.8	1472.1	1573.0	1673.9	1573.0	1472.1	1446.8	1278.2	1053.5	941.0	877.1
132.5°	1389.4	1412.0	1502.4	1592.8	1502.4	1412.0	1389.4	1238.5	1037.3	936.7	878.1
135°	1308.4	1327.8	1405.7	1483.6	1405.7	1327.8	1308.4	1182.0	1013.5	929.2	877.3
137.5°	1248.5	1264.4	1328.2	1391.9	1328.2	1264.4	1248.5	1141.6	999.2	927.9	882.7
140°	1200.5	1215.4	1275.0	1334.6	1275.0	1215.4	1200.5	1108.2	985.1	923.6	883.5
142.5°	1166.8	1179.7	1230.9	1282.2	1230.9	1179.7	1166.8	1085.7	977.7	923.6	886.8
145°	1116.3	1126.0	1164.8	1203.6	1164.8	1126.0	1116.3	1050.0	961.6	917.3	886.8
147.5°	1073.9	1082.0	1114.2	1146.3	1114.2	1082.0	1073.9	1021.7	952.1	917.3	892.9
150°	1049.6	1056.1	1082.2	1108.2	1082.2	1056.1	1049.6	1005.5	946.7	917.3	896.0
152.5°	1030.2	1035.1	1054.8	1074.5	1054.8	1035.1	1030.2	992.6	942.4	917.3	898.1
155°	1007.2	1010.5	1023.5	1036.5	1023.5	1010.5	1007.2	977.3	937.3	917.3	902.7
157.5°	987.2	989.5	998.6	1007.8	998.6	989.5	987.2	963.9	932.8	917.3	907.2
160°	977.3	978.5	983.8	989.1	983.8	978.5	977.3	957.3	930.7	917.3	909.3
162.5°	967.9	969.1	974.1	979.1	974.1	969.1	967.9	951.0	928.6	917.3	911.6
165°	953.6	954.8	960.1	965.4	960.1	954.8	953.6	941.5	925.4	917.3	914.7
167.5°	947.3	947.9	950.0	952.3	950.0	947.9	947.3	939.4	928.9	923.6	921.4
170°	947.3	947.3	947.3	947.3	947.3	947.3	947.3	939.4	928.9	923.6	923.4
172.5°	942.3	941.8	939.9	938.0	939.9	941.8	942.3	936.1	927.8	923.6	923.6
175°	935.5	935.5	935.5	935.5	935.5	935.5	935.5	931.6	926.3	923.6	924.9
177.5°	934.2	933.6	931.5	929.2	931.5	933.6	934.2	931.1	926.9	924.8	925.8
180°	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2



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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°	27.4	17.4	16.2	11.2	6.3
92.5°	169.2	120.4	109.8	67.4	25.0
95°	416.4	234.5	215.0	137.5	59.9
97.5°	560.8	257.5	240.4	171.9	103.5
100°	613.4	276.9	261.4	199.3	137.2
102.5°	637.6	296.2	281.8	223.8	165.9
105°	655.4	324.9	312.6	263.6	214.6
107.5°	658.8	367.3	355.9	310.1	264.4
110°	653.7	391.0	380.6	339.3	298.1



TEST NUMBER: P935751

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

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	654.0	419.7	409.9	370.5	331.2
115°	660.1	462.8	453.7	417.3	381.0
117.5°	672.3	504.5	496.3	463.3	430.3
120°	682.2	528.9	521.1	490.1	459.0
122.5°	696.6	557.5	549.7	518.4	487.1
125°	716.0	594.3	587.2	558.6	530.1
127.5°	735.3	629.9	622.6	593.8	565.0
130°	749.4	653.6	645.8	614.8	583.7
132.5°	760.8	672.9	665.1	634.1	603.1
135°	773.3	695.3	688.3	660.0	631.7
137.5°	792.0	724.1	717.1	689.1	661.0
140°	803.4	743.3	736.9	711.1	685.4
142.5°	813.0	757.7	751.8	727.9	704.1
145°	825.5	779.6	774.3	753.5	732.7
147.5°	843.8	807.0	802.0	781.7	761.5
150°	853.3	821.3	816.7	798.5	780.2
152.5°	859.6	830.7	827.3	813.4	799.5
155°	873.3	851.3	848.7	838.5	828.2
157.5°	887.0	871.8	869.3	859.4	849.4
160°	893.3	881.2	879.3	871.5	863.7
162.5°	899.9	891.2	889.7	883.9	878.1
165°	909.5	905.5	904.3	899.0	893.7
167.5°	916.9	913.7	913.0	910.5	908.0
170°	923.2	923.0	922.3	919.8	917.3
172.5°	923.6	923.6	923.4	922.9	922.3
175°	927.4	929.2	929.2	929.2	929.2
177.5°	927.8	929.2	929.2	929.2	929.2
180°	929.2	929.2	929.2	929.2	929.2



TEST NUMBER: P935751  
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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	13.62	14.47	14.60	15.46	16.75	16.45	17.29	17.42	18.28	19.58
	3H	14.10	14.86	15.08	15.85	17.17	17.79	18.55	18.78	19.54	20.86
	4H	14.29	15.01	15.29	16.01	17.33	18.23	18.95	19.23	19.95	21.28
	6H	14.41	15.07	15.42	16.07	17.41	18.52	19.18	19.52	20.18	21.52
	8H	14.41	15.04	15.42	16.06	17.40	18.59	19.22	19.60	20.24	21.58
	12H	14.38	14.98	15.40	15.99	17.35	18.63	19.22	19.65	20.24	21.60
4H	2H	14.65	15.37	15.66	16.37	17.70	16.86	17.57	17.86	18.57	19.90
	3H	15.68	16.28	16.69	17.30	18.65	18.36	18.96	19.37	19.98	21.33
	4H	15.95	16.50	16.98	17.52	18.89	18.89	19.43	19.91	20.45	21.82
	6H	16.08	16.55	17.11	17.59	18.95	19.25	19.72	20.28	20.76	22.12
	8H	16.08	16.52	17.12	17.56	18.94	19.35	19.79	20.39	20.83	22.21
	12H	16.05	16.45	17.10	17.50	18.88	19.41	19.80	20.46	20.86	22.24
8H	4H	16.41	16.84	17.44	17.88	19.26	19.01	19.45	20.04	20.48	21.86
	6H	16.67	17.03	17.72	18.11	19.48	19.44	19.81	20.50	20.88	22.26
	8H	16.71	17.03	17.77	18.09	19.48	19.59	19.91	20.66	20.98	22.37
	12H	16.69	16.97	17.76	18.03	19.47	19.69	19.97	20.76	21.03	22.46
12H	4H	16.41	16.81	17.46	17.86	19.24	18.97	19.37	20.02	20.42	21.80
	6H	16.73	17.05	17.79	18.11	19.50	19.44	19.76	20.50	20.82	22.22
	8H	16.79	17.07	17.86	18.13	19.57	19.60	19.88	20.67	20.94	22.37