

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: P935723

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

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935723
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-927-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

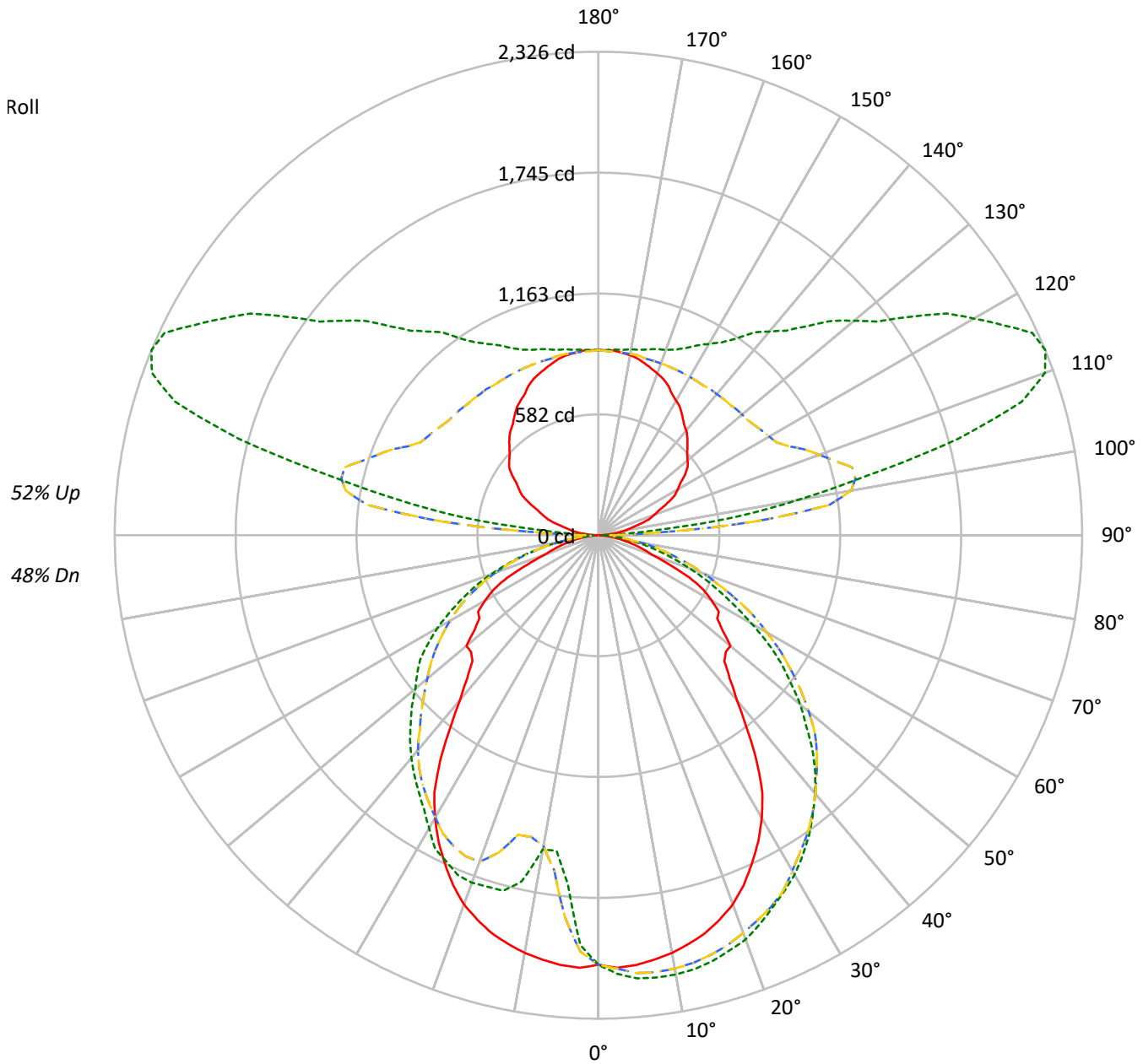
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11135.7 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): 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				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	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48	48	48	48
1	97	93	89	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41	41	41	41
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	41	39	34	34	34	34
3	81	71	64	58	74	66	60	55	56	51	47	46	43	40	38	35	33	29	29	29	29
4	74	63	55	49	68	59	52	46	50	44	40	41	37	34	34	31	28	25	25	25	25
5	68	56	48	42	62	52	45	40	44	39	35	37	33	30	30	27	25	21	21	21	21
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19	19	19	19
7	58	45	38	32	53	42	35	30	36	31	26	30	26	23	25	22	19	17	17	17	17
8	54	41	34	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15	15	15	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	16	13	13	13	13
10	47	34	27	22	43	32	26	21	28	22	19	24	19	16	20	16	14	12	12	12	12

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	1.7
10°-20°	529.4	4.8
20°-30°	818.4	7.3
30°-40°	977.0	8.8
40°-50°	982.7	8.8
50°-60°	855.1	7.7
60°-70°	606.3	5.4
70°-80°	320.8	2.9
80°-90°	83.3	0.7
90°-100°	434.3	3.9
100°-110°	1141.9	10.3
110°-120°	1184.0	10.6
120°-130°	949.7	8.5
130°-140°	745.2	6.7
140°-150°	572.0	5.1
150°-160°	411.9	3.7
160°-170°	252.0	2.3
170°-180°	85.1	0.8
0°-30°	1534.3	13.8
0°-40°	2511.3	22.6
0°-60°	4349.2	39.1
0°-90°	5359.5	48.1
90°-120°	2760.2	24.8
90°-150°	5027.1	45.1
90°-180°	5776.0	51.9
0°-180°	11135.7	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°	6	23	6	23	6	6
95°	57	262	57	262	57	64
105°	206	1788	206	1788	206	218
115°	365	2302	365	2302	365	361
125°	508	1834	508	1834	508	451
135°	606	1423	606	1423	606	469
145°	703	1154	703	1154	703	440
155°	794	994	794	994	794	365
165°	857	926	857	926	857	242
175°	891	897	891	897	891	85
180°	891	891	891	891	891	



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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°	6.0	10.8	15.6	16.7	26.3	39.0	45.4	40.3	30.3	22.7	22.7
92.5°	23.9	64.6	105.3	115.4	162.2	224.7	255.9	224.3	161.1	113.7	109.1
95°	57.4	131.8	206.2	224.8	399.2	631.9	748.1	667.6	506.5	385.7	372.0
97.5°	99.3	164.9	230.5	246.9	537.8	925.6	1119.5	1068.6	966.8	890.4	864.4
100°	131.6	191.1	250.6	265.5	588.2	1018.6	1233.7	1237.4	1244.9	1250.4	1219.4
102.5°	159.1	214.6	270.2	284.1	611.4	1047.7	1266.0	1330.8	1460.5	1557.8	1531.2
105°	205.7	252.8	299.8	311.5	628.5	1051.1	1262.4	1407.8	1698.5	1916.6	1902.3
107.5°	253.6	297.4	341.3	352.2	631.7	1004.3	1190.7	1393.5	1799.0	2103.2	2106.6
110°	285.8	325.4	365.0	374.9	626.9	962.8	1130.8	1357.5	1811.0	2151.1	2165.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	317.5	355.3	393.0	402.5	627.1	926.6	1076.4	1308.4	1772.5	2120.5	2143.4
115°	365.4	400.2	435.0	443.8	632.9	885.1	1011.2	1234.8	1681.8	2017.1	2048.8
117.5°	412.6	444.3	475.9	483.8	644.6	859.1	966.4	1168.1	1571.6	1874.2	1909.3
120°	440.1	469.9	499.7	507.1	654.2	850.3	948.4	1132.7	1501.3	1777.9	1812.0
122.5°	467.1	497.1	527.1	534.6	668.0	845.8	934.7	1100.7	1432.7	1681.6	1715.3
125°	508.3	535.7	563.0	569.9	686.5	842.0	919.8	1060.8	1342.7	1554.2	1585.3
127.5°	541.8	569.4	597.1	604.0	705.1	839.8	907.2	1028.3	1270.4	1452.0	1478.2
130°	559.7	589.5	619.2	626.7	718.6	841.1	902.4	1010.2	1225.7	1387.4	1411.6
132.5°	578.3	608.1	637.8	645.3	729.6	842.0	898.2	994.7	1187.6	1332.3	1354.0
135°	605.8	632.9	660.0	666.7	741.5	841.2	891.0	971.8	1133.4	1254.6	1273.3
137.5°	633.9	660.7	687.6	694.3	759.5	846.4	889.8	958.1	1094.7	1197.2	1212.4
140°	657.2	681.9	706.6	712.8	770.4	847.2	885.7	944.6	1062.7	1151.2	1165.5
142.5°	675.1	698.0	720.9	726.6	779.6	850.3	885.7	937.5	1041.1	1118.9	1131.2
145°	702.6	722.6	742.5	747.5	791.6	850.3	879.6	922.1	1006.9	1070.5	1079.8
147.5°	730.2	749.6	769.0	773.8	809.1	856.2	879.6	913.0	979.7	1029.8	1037.5
150°	748.1	765.7	783.2	787.6	818.3	859.2	879.6	907.8	964.2	1006.5	1012.7
152.5°	766.6	779.9	793.3	796.6	824.3	861.2	879.6	903.7	951.8	987.9	992.6
155°	794.2	804.0	813.8	816.3	837.4	865.6	879.6	898.8	937.1	965.8	969.0
157.5°	814.5	824.1	833.6	836.0	850.5	869.9	879.6	894.5	924.3	946.6	948.8
160°	828.2	835.7	843.2	845.0	856.5	871.9	879.6	892.4	917.9	937.1	938.3
162.5°	842.0	847.5	853.2	854.5	862.9	874.1	879.6	890.4	911.9	928.1	929.3
165°	856.9	862.0	867.1	868.3	872.1	877.1	879.6	887.3	902.8	914.4	915.6
167.5°	870.7	873.1	875.5	876.1	879.3	883.5	885.7	890.7	900.8	908.4	908.9
170°	879.6	882.0	884.4	885.0	885.3	885.5	885.7	890.7	900.8	908.4	908.4
172.5°	884.4	885.0	885.5	885.7	885.7	885.7	885.7	889.7	897.6	903.6	903.1
175°	891.0	891.0	891.0	891.0	889.3	886.9	885.7	888.2	893.3	897.0	897.0
177.5°	891.0	891.0	891.0	891.0	889.7	887.7	886.8	888.8	892.8	895.8	895.3
180°	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0



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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°	22.7	22.7	22.7	22.7	22.7	30.3	40.3	45.4	39.0	26.3	16.7
92.5°	91.0	72.9	91.0	109.1	113.7	161.1	224.3	255.9	224.7	162.2	115.4
95°	317.2	262.5	317.2	372.0	385.7	506.5	667.6	748.1	631.9	399.2	224.8
97.5°	760.2	656.0	760.2	864.4	890.4	966.8	1068.6	1119.5	925.6	537.8	246.9
100°	1095.3	971.2	1095.3	1219.4	1250.4	1244.9	1237.4	1233.7	1018.6	588.2	265.5
102.5°	1424.9	1318.6	1424.9	1531.2	1557.8	1460.5	1330.8	1266.0	1047.7	611.4	284.1
105°	1845.2	1788.0	1845.2	1902.3	1916.6	1698.5	1407.8	1262.4	1051.1	628.5	311.5
107.5°	2120.4	2134.3	2120.4	2106.6	2103.2	1799.0	1393.5	1190.7	1004.3	631.7	352.2
110°	2225.5	2285.0	2225.5	2165.9	2151.1	1811.0	1357.5	1130.8	962.8	626.9	374.9



TEST NUMBER: P935723

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

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2234.8	2326.2	2234.8	2143.4	2120.5	1772.5	1308.4	1076.4	926.6	627.1	402.5
115°	2175.6	2302.3	2175.6	2048.8	2017.1	1681.8	1234.8	1011.2	885.1	632.9	443.8
117.5°	2049.9	2190.5	2049.9	1909.3	1874.2	1571.6	1168.1	966.4	859.1	644.6	483.8
120°	1948.6	2085.2	1948.6	1812.0	1777.9	1501.3	1132.7	948.4	850.3	654.2	507.1
122.5°	1850.0	1984.8	1850.0	1715.3	1681.6	1432.7	1100.7	934.7	845.8	668.0	534.6
125°	1709.4	1833.5	1709.4	1585.3	1554.2	1342.7	1060.8	919.8	842.0	686.5	569.9
127.5°	1582.9	1687.6	1582.9	1478.2	1452.0	1270.4	1028.3	907.2	839.8	705.1	604.0
130°	1508.4	1605.1	1508.4	1411.6	1387.4	1225.7	1010.2	902.4	841.1	718.6	626.7
132.5°	1440.7	1527.3	1440.7	1354.0	1332.3	1187.6	994.7	898.2	842.0	729.6	645.3
135°	1348.0	1422.7	1348.0	1273.3	1254.6	1133.4	971.8	891.0	841.2	741.5	666.7
137.5°	1273.6	1334.7	1273.6	1212.4	1197.2	1094.7	958.1	889.8	846.4	759.5	694.3
140°	1222.6	1279.7	1222.6	1165.5	1151.2	1062.7	944.6	885.7	847.2	770.4	712.8
142.5°	1180.3	1229.5	1180.3	1131.2	1118.9	1041.1	937.5	885.7	850.3	779.6	726.6
145°	1117.0	1154.2	1117.0	1079.8	1070.5	1006.9	922.1	879.6	850.3	791.6	747.5
147.5°	1068.4	1099.2	1068.4	1037.5	1029.8	979.7	913.0	879.6	856.2	809.1	773.8
150°	1037.7	1062.7	1037.7	1012.7	1006.5	964.2	907.8	879.6	859.2	818.3	787.6
152.5°	1011.5	1030.3	1011.5	992.6	987.9	951.8	903.7	879.6	861.2	824.3	796.6
155°	981.4	993.9	981.4	969.0	965.8	937.1	898.8	879.6	865.6	837.4	816.3
157.5°	957.6	966.4	957.6	948.8	946.6	924.3	894.5	879.6	869.9	850.5	836.0
160°	943.4	948.4	943.4	938.3	937.1	917.9	892.4	879.6	871.9	856.5	845.0
162.5°	934.1	938.9	934.1	929.3	928.1	911.9	890.4	879.6	874.1	862.9	854.5
165°	920.7	925.7	920.7	915.6	914.4	902.8	887.3	879.6	877.1	872.1	868.3
167.5°	911.0	913.1	911.0	908.9	908.4	900.8	890.7	885.7	883.5	879.3	876.1
170°	908.4	908.4	908.4	908.4	908.4	900.8	890.7	885.7	885.5	885.3	885.0
172.5°	901.3	899.4	901.3	903.1	903.6	897.6	889.7	885.7	885.7	885.7	885.7
175°	897.0	897.0	897.0	897.0	897.0	893.3	888.2	885.7	886.9	889.3	891.0
177.5°	893.2	891.0	893.2	895.3	895.8	892.8	888.8	886.8	887.7	889.7	891.0
180°	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0



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

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°	15.6	10.8	6.0	10.8	15.6	16.7	26.3	39.0	45.4	40.3	30.3
92.5°	105.3	64.6	23.9	64.6	105.3	115.4	162.2	224.7	255.9	224.3	161.1
95°	206.2	131.8	57.4	131.8	206.2	224.8	399.2	631.9	748.1	667.6	506.5
97.5°	230.5	164.9	99.3	164.9	230.5	246.9	537.8	925.6	1119.5	1068.6	966.8
100°	250.6	191.1	131.6	191.1	250.6	265.5	588.2	1018.6	1233.7	1237.4	1244.9
102.5°	270.2	214.6	159.1	214.6	270.2	284.1	611.4	1047.7	1266.0	1330.8	1460.5
105°	299.8	252.8	205.7	252.8	299.8	311.5	628.5	1051.1	1262.4	1407.8	1698.5
107.5°	341.3	297.4	253.6	297.4	341.3	352.2	631.7	1004.3	1190.7	1393.5	1799.0
110°	365.0	325.4	285.8	325.4	365.0	374.9	626.9	962.8	1130.8	1357.5	1811.0



TEST NUMBER: P935723

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

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	393.0	355.3	317.5	355.3	393.0	402.5	627.1	926.6	1076.4	1308.4	1772.5
115°	435.0	400.2	365.4	400.2	435.0	443.8	632.9	885.1	1011.2	1234.8	1681.8
117.5°	475.9	444.3	412.6	444.3	475.9	483.8	644.6	859.1	966.4	1168.1	1571.6
120°	499.7	469.9	440.1	469.9	499.7	507.1	654.2	850.3	948.4	1132.7	1501.3
122.5°	527.1	497.1	467.1	497.1	527.1	534.6	668.0	845.8	934.7	1100.7	1432.7
125°	563.0	535.7	508.3	535.7	563.0	569.9	686.5	842.0	919.8	1060.8	1342.7
127.5°	597.1	569.4	541.8	569.4	597.1	604.0	705.1	839.8	907.2	1028.3	1270.4
130°	619.2	589.5	559.7	589.5	619.2	626.7	718.6	841.1	902.4	1010.2	1225.7
132.5°	637.8	608.1	578.3	608.1	637.8	645.3	729.6	842.0	898.2	994.7	1187.6
135°	660.0	632.9	605.8	632.9	660.0	666.7	741.5	841.2	891.0	971.8	1133.4
137.5°	687.6	660.7	633.9	660.7	687.6	694.3	759.5	846.4	889.8	958.1	1094.7
140°	706.6	681.9	657.2	681.9	706.6	712.8	770.4	847.2	885.7	944.6	1062.7
142.5°	720.9	698.0	675.1	698.0	720.9	726.6	779.6	850.3	885.7	937.5	1041.1
145°	742.5	722.6	702.6	722.6	742.5	747.5	791.6	850.3	879.6	922.1	1006.9
147.5°	769.0	749.6	730.2	749.6	769.0	773.8	809.1	856.2	879.6	913.0	979.7
150°	783.2	765.7	748.1	765.7	783.2	787.6	818.3	859.2	879.6	907.8	964.2
152.5°	793.3	779.9	766.6	779.9	793.3	796.6	824.3	861.2	879.6	903.7	951.8
155°	813.8	804.0	794.2	804.0	813.8	816.3	837.4	865.6	879.6	898.8	937.1
157.5°	833.6	824.1	814.5	824.1	833.6	836.0	850.5	869.9	879.6	894.5	924.3
160°	843.2	835.7	828.2	835.7	843.2	845.0	856.5	871.9	879.6	892.4	917.9
162.5°	853.2	847.5	842.0	847.5	853.2	854.5	862.9	874.1	879.6	890.4	911.9
165°	867.1	862.0	856.9	862.0	867.1	868.3	872.1	877.1	879.6	887.3	902.8
167.5°	875.5	873.1	870.7	873.1	875.5	876.1	879.3	883.5	885.7	890.7	900.8
170°	884.4	882.0	879.6	882.0	884.4	885.0	885.3	885.5	885.7	890.7	900.8
172.5°	885.5	885.0	884.4	885.0	885.5	885.7	885.7	885.7	885.7	889.7	897.6
175°	891.0	891.0	891.0	891.0	891.0	891.0	889.3	886.9	885.7	888.2	893.3
177.5°	891.0	891.0	891.0	891.0	891.0	891.0	889.7	887.7	886.8	888.8	892.8
180°	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0



TEST NUMBER: P935723

CATALOG NUMBER: SQ4-FA-125U-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°	22.7	22.7	22.7	22.7	22.7	22.7	22.7	30.3	40.3	45.4	39.0
92.5°	113.7	109.1	91.0	72.9	91.0	109.1	113.7	161.1	224.3	255.9	224.7
95°	385.7	372.0	317.2	262.5	317.2	372.0	385.7	506.5	667.6	748.1	631.9
97.5°	890.4	864.4	760.2	656.0	760.2	864.4	890.4	966.8	1068.6	1119.5	925.6
100°	1250.4	1219.4	1095.3	971.2	1095.3	1219.4	1250.4	1244.9	1237.4	1233.7	1018.6
102.5°	1557.8	1531.2	1424.9	1318.6	1424.9	1531.2	1557.8	1460.5	1330.8	1266.0	1047.7
105°	1916.6	1902.3	1845.2	1788.0	1845.2	1902.3	1916.6	1698.5	1407.8	1262.4	1051.1
107.5°	2103.2	2106.6	2120.4	2134.3	2120.4	2106.6	2103.2	1799.0	1393.5	1190.7	1004.3
110°	2151.1	2165.9	2225.5	2285.0	2225.5	2165.9	2151.1	1811.0	1357.5	1130.8	962.8



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2120.5	2143.4	2234.8	2326.2	2234.8	2143.4	2120.5	1772.5	1308.4	1076.4	926.6
115°	2017.1	2048.8	2175.6	2302.3	2175.6	2048.8	2017.1	1681.8	1234.8	1011.2	885.1
117.5°	1874.2	1909.3	2049.9	2190.5	2049.9	1909.3	1874.2	1571.6	1168.1	966.4	859.1
120°	1777.9	1812.0	1948.6	2085.2	1948.6	1812.0	1777.9	1501.3	1132.7	948.4	850.3
122.5°	1681.6	1715.3	1850.0	1984.8	1850.0	1715.3	1681.6	1432.7	1100.7	934.7	845.8
125°	1554.2	1585.3	1709.4	1833.5	1709.4	1585.3	1554.2	1342.7	1060.8	919.8	842.0
127.5°	1452.0	1478.2	1582.9	1687.6	1582.9	1478.2	1452.0	1270.4	1028.3	907.2	839.8
130°	1387.4	1411.6	1508.4	1605.1	1508.4	1411.6	1387.4	1225.7	1010.2	902.4	841.1
132.5°	1332.3	1354.0	1440.7	1527.3	1440.7	1354.0	1332.3	1187.6	994.7	898.2	842.0
135°	1254.6	1273.3	1348.0	1422.7	1348.0	1273.3	1254.6	1133.4	971.8	891.0	841.2
137.5°	1197.2	1212.4	1273.6	1334.7	1273.6	1212.4	1197.2	1094.7	958.1	889.8	846.4
140°	1151.2	1165.5	1222.6	1279.7	1222.6	1165.5	1151.2	1062.7	944.6	885.7	847.2
142.5°	1118.9	1131.2	1180.3	1229.5	1180.3	1131.2	1118.9	1041.1	937.5	885.7	850.3
145°	1070.5	1079.8	1117.0	1154.2	1117.0	1079.8	1070.5	1006.9	922.1	879.6	850.3
147.5°	1029.8	1037.5	1068.4	1099.2	1068.4	1037.5	1029.8	979.7	913.0	879.6	856.2
150°	1006.5	1012.7	1037.7	1062.7	1037.7	1012.7	1006.5	964.2	907.8	879.6	859.2
152.5°	987.9	992.6	1011.5	1030.3	1011.5	992.6	987.9	951.8	903.7	879.6	861.2
155°	965.8	969.0	981.4	993.9	981.4	969.0	965.8	937.1	898.8	879.6	865.6
157.5°	946.6	948.8	957.6	966.4	957.6	948.8	946.6	924.3	894.5	879.6	869.9
160°	937.1	938.3	943.4	948.4	943.4	938.3	937.1	917.9	892.4	879.6	871.9
162.5°	928.1	929.3	934.1	938.9	934.1	929.3	928.1	911.9	890.4	879.6	874.1
165°	914.4	915.6	920.7	925.7	920.7	915.6	914.4	902.8	887.3	879.6	877.1
167.5°	908.4	908.9	911.0	913.1	911.0	908.9	908.4	900.8	890.7	885.7	883.5
170°	908.4	908.4	908.4	908.4	908.4	908.4	908.4	900.8	890.7	885.7	885.5
172.5°	903.6	903.1	901.3	899.4	901.3	903.1	903.6	897.6	889.7	885.7	885.7
175°	897.0	897.0	897.0	897.0	897.0	897.0	897.0	893.3	888.2	885.7	886.9
177.5°	895.8	895.3	893.2	891.0	893.2	895.3	895.8	892.8	888.8	886.8	887.7
180°	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0



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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°	26.3	16.7	15.6	10.8	6.0
92.5°	162.2	115.4	105.3	64.6	23.9
95°	399.2	224.8	206.2	131.8	57.4
97.5°	537.8	246.9	230.5	164.9	99.3
100°	588.2	265.5	250.6	191.1	131.6
102.5°	611.4	284.1	270.2	214.6	159.1
105°	628.5	311.5	299.8	252.8	205.7
107.5°	631.7	352.2	341.3	297.4	253.6
110°	626.9	374.9	365.0	325.4	285.8



TEST NUMBER: P935723

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

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	627.1	402.5	393.0	355.3	317.5
115°	632.9	443.8	435.0	400.2	365.4
117.5°	644.6	483.8	475.9	444.3	412.6
120°	654.2	507.1	499.7	469.9	440.1
122.5°	668.0	534.6	527.1	497.1	467.1
125°	686.5	569.9	563.0	535.7	508.3
127.5°	705.1	604.0	597.1	569.4	541.8
130°	718.6	626.7	619.2	589.5	559.7
132.5°	729.6	645.3	637.8	608.1	578.3
135°	741.5	666.7	660.0	632.9	605.8
137.5°	759.5	694.3	687.6	660.7	633.9
140°	770.4	712.8	706.6	681.9	657.2
142.5°	779.6	726.6	720.9	698.0	675.1
145°	791.6	747.5	742.5	722.6	702.6
147.5°	809.1	773.8	769.0	749.6	730.2
150°	818.3	787.6	783.2	765.7	748.1
152.5°	824.3	796.6	793.3	779.9	766.6
155°	837.4	816.3	813.8	804.0	794.2
157.5°	850.5	836.0	833.6	824.1	814.5
160°	856.5	845.0	843.2	835.7	828.2
162.5°	862.9	854.5	853.2	847.5	842.0
165°	872.1	868.3	867.1	862.0	856.9
167.5°	879.3	876.1	875.5	873.1	870.7
170°	885.3	885.0	884.4	882.0	879.6
172.5°	885.7	885.7	885.5	885.0	884.4
175°	889.3	891.0	891.0	891.0	891.0
177.5°	889.7	891.0	891.0	891.0	891.0
180°	891.0	891.0	891.0	891.0	891.0



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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	13.48	14.32	14.45	15.31	16.61	16.30	17.15	17.28	18.13	19.43
	3H	13.95	14.71	14.94	15.71	17.03	17.65	18.40	18.63	19.40	20.72
	4H	14.15	14.86	15.14	15.86	17.19	18.09	18.80	19.09	19.80	21.13
	6H	14.26	14.92	15.27	15.93	17.27	18.37	19.03	19.38	20.03	21.38
	8H	14.26	14.89	15.28	15.91	17.25	18.44	19.07	19.46	20.09	21.43
	12H	14.23	14.83	15.25	15.85	17.21	18.48	19.08	19.50	20.09	21.45
4H	2H	14.51	15.22	15.51	16.22	17.55	16.71	17.43	17.71	18.43	19.75
	3H	15.53	16.13	16.55	17.16	18.50	18.21	18.81	19.23	19.84	21.18
	4H	15.81	16.36	16.83	17.38	18.74	18.74	19.29	19.76	20.31	21.67
	6H	15.93	16.40	16.96	17.45	18.81	19.10	19.57	20.13	20.62	21.98
	8H	15.94	16.38	16.97	17.41	18.79	19.21	19.65	20.24	20.68	22.06
	12H	15.90	16.30	16.96	17.35	18.73	19.26	19.66	20.31	20.71	22.09
8H	4H	16.26	16.70	17.29	17.74	19.11	18.86	19.30	19.90	20.34	21.71
	6H	16.52	16.88	17.58	17.96	19.34	19.30	19.66	20.35	20.74	22.11
	8H	16.56	16.88	17.63	17.95	19.34	19.45	19.77	20.51	20.83	22.22
	12H	16.55	16.83	17.61	17.89	19.32	19.54	19.83	20.61	20.88	22.32
12H	4H	16.27	16.66	17.32	17.71	19.10	18.83	19.22	19.88	20.27	21.66
	6H	16.58	16.90	17.65	17.96	19.36	19.29	19.61	20.36	20.68	22.07
	8H	16.65	16.93	17.72	17.99	19.42	19.45	19.73	20.52	20.79	22.23