

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: P934914

Luminaire Tested: SQ4-FA-075U-125D-835-1D-UNV-STD-W-4

Issue Date: 12/17/2024

**Test Information**

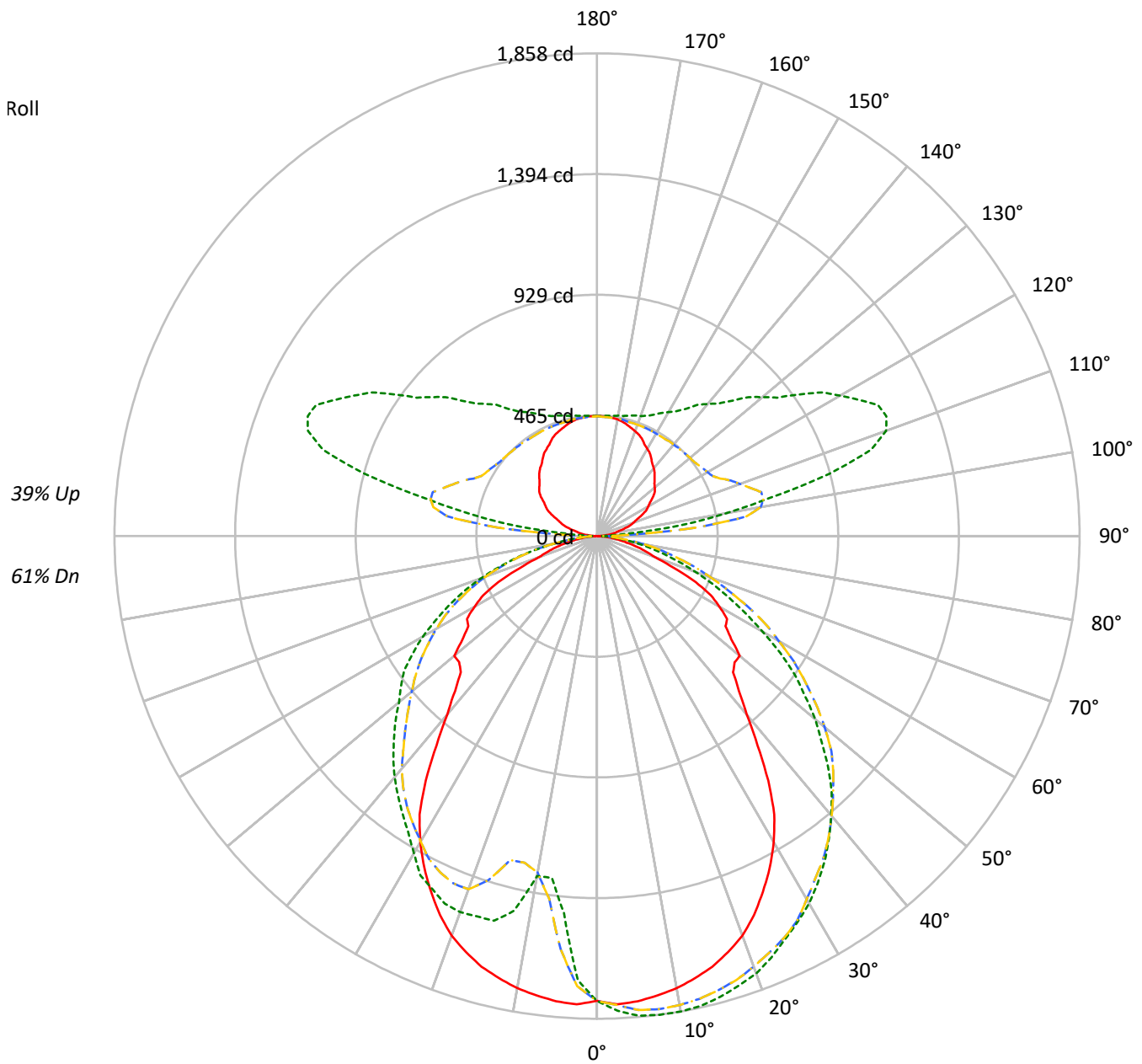
Test Method: LM-79-2019  
Report Number: P934914  
REPORT IS A COMBINATION OF REPORTS P933718 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-075U-125D-835-1D-UNV-STD-W-4  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7634.0 lumens  
Efficiency: N/A  
Efficacy: 123.1 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 4' x H: 0.1')  
CIE Type: Semi-Direct  
  
Input Watts (W): 62  
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

TEST NUMBER: P934914  
CATALOG NUMBER: SQ4-FA-075U-125D-835-1D-UNV-STD-W-4

### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - · - 90°-270°    - · - 135°-315°



TEST NUMBER: P934914

CATALOG NUMBER: SQ4-FA-075U-125D-835-1D-UNV-STD-W-4

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	110	110	110	110	103	103	103	103	89	89	89	77	77	77	66	66	66	66	66	66	61
1	100	96	92	88	94	90	86	83	79	76	74	68	66	65	59	57	56	56	56	56	51
2	91	84	78	72	85	79	73	68	69	65	61	60	57	54	52	49	47	47	47	47	43
3	83	74	66	60	78	69	63	57	61	56	51	53	49	46	46	43	40	40	40	40	36
4	76	65	57	51	71	61	54	49	54	48	44	47	43	39	41	37	35	35	35	35	31
5	70	58	50	44	65	55	47	42	48	42	38	42	38	34	37	33	30	30	30	30	27
6	65	52	44	38	60	49	42	36	44	37	33	38	33	30	33	29	26	26	26	26	24
7	60	47	39	33	56	45	37	32	39	33	29	35	30	26	30	26	23	23	23	23	21
8	55	43	35	29	52	40	33	28	36	30	26	32	27	23	28	24	21	21	21	21	19
9	52	39	31	26	48	37	30	25	33	27	23	29	24	21	26	22	19	19	19	19	17
10	48	36	29	24	45	34	27	23	30	25	21	27	22	19	24	20	17	17	17	17	15

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

	0°	90°	180°	270°
0°	16599	16599	16599	16599
5°	16704	16756	16704	13175
10°	16574	16505	16574	11800
15°	16375	16148	16375	13483
20°	16014	15724	16014	13511
25°	15294	15106	15294	13225
30°	14371	14593	14371	12597
35°	12793	13944	12793	11906
40°	10641	13180	10641	11384
45°	9489	12286	9489	10784
50°	10058	11220	10058	10181
55°	9438	10071	9438	9833
60°	9693	8554	9693	9006
65°	8746	7071	8746	7904
70°	6014	5635	6014	6625
75°	5217	4165	5217	4988
80°	4119	2754	4119	2998
85°	2244	1459	2244	1239

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 14572 cd/sqm



TEST NUMBER: P934914

CATALOG NUMBER: SQ4-FA-075U-125D-835-1D-UNV-STD-W-4

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	161.5	2.1
10°-20°	458.5	6.0
20°-30°	708.7	9.3
30°-40°	846.0	11.1
40°-50°	851.0	11.1
50°-60°	740.5	9.7
60°-70°	525.0	6.9
70°-80°	277.8	3.6
80°-90°	70.9	0.9
90°-100°	225.2	2.9
100°-110°	591.9	7.8
110°-120°	613.8	8.0
120°-130°	492.3	6.4
130°-140°	386.3	5.1
140°-150°	296.5	3.9
150°-160°	213.5	2.8
160°-170°	130.6	1.7
170°-180°	44.1	0.6
0°-30°	1328.6	17.4
0°-40°	2174.6	28.5
0°-60°	3766.1	49.3
0°-90°	4639.8	60.8
90°-120°	1430.8	18.7
90°-150°	2606.0	34.1
90°-180°	2994.0	39.2
0°-180°	7634.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1789	1789	1789	1789	1789	
5°	1797	1853	1797	1457	1797	170
15°	1716	1836	1716	1533	1716	483
25°	1511	1713	1511	1499	1511	694
35°	1149	1528	1149	1305	1149	711
45°	741	1259	741	1105	741	594
55°	604	929	604	907	604	555
65°	420	560	420	626	420	401
75°	159	266	159	318	159	167
85°	27	68	27	58	27	37
90°	3	12	3	12	3	4
95°	30	136	30	136	30	33
105°	107	927	107	927	107	113
115°	189	1194	189	1194	189	187
125°	264	950	264	950	264	234
135°	314	738	314	738	314	243
145°	364	598	364	598	364	228
155°	412	515	412	515	412	189
165°	444	480	444	480	444	125
175°	462	465	462	465	462	44
180°	462	462	462	462	462	



TEST NUMBER: P934914

CATALOG NUMBER: SQ4-FA-075U-125D-835-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1788.8	1788.8	1788.8	1788.8	1788.8	1788.8	1788.8	1788.8	1788.8	1788.8	1788.8
2.5°	1804.0	1804.0	1814.2	1817.6	1817.6	1812.5	1807.4	1812.5	1827.7	1832.8	1831.1
5°	1797.2	1810.8	1829.4	1832.8	1836.2	1834.5	1831.1	1834.5	1851.4	1854.8	1856.5
7.5°	1783.7	1809.1	1832.8	1837.9	1842.9	1837.9	1836.2	1839.6	1856.5	1859.9	1859.9
10°	1766.8	1802.3	1829.4	1832.8	1837.9	1832.8	1832.8	1839.6	1856.5	1859.9	1861.6
12.5°	1743.1	1792.2	1817.6	1820.9	1827.7	1826.0	1824.3	1831.1	1848.0	1851.4	1851.4
15°	1716.0	1773.6	1797.2	1800.6	1812.5	1809.1	1809.1	1815.9	1834.5	1839.6	1837.9
17.5°	1678.8	1749.9	1776.9	1782.0	1790.5	1788.8	1790.5	1797.2	1814.2	1817.6	1819.2
20°	1636.5	1717.7	1749.9	1754.9	1763.4	1763.4	1763.4	1771.9	1788.8	1795.6	1795.6
22.5°	1578.9	1683.9	1717.7	1721.1	1731.2	1731.2	1734.6	1746.5	1761.7	1763.4	1763.4
25°	1511.2	1646.6	1675.4	1685.6	1695.7	1700.8	1705.9	1712.6	1717.7	1716.0	1717.7
27.5°	1440.2	1599.2	1636.5	1643.2	1656.8	1661.9	1668.6	1670.3	1672.0	1677.1	1673.7
30°	1360.6	1533.2	1589.1	1595.9	1617.9	1621.2	1614.5	1617.9	1626.3	1629.7	1633.1
32.5°	1270.9	1435.1	1540.0	1555.2	1575.6	1565.4	1563.7	1568.8	1582.3	1582.3	1585.7
35°	1149.1	1358.9	1494.3	1507.9	1523.1	1511.2	1518.0	1519.7	1528.2	1533.2	1531.6
37.5°	1015.4	1292.9	1446.9	1457.1	1468.9	1453.7	1463.9	1468.9	1475.7	1472.3	1472.3
40°	896.9	1189.7	1391.1	1397.9	1408.0	1396.2	1406.3	1409.7	1413.1	1409.7	1408.0
42.5°	808.9	1076.3	1331.9	1340.3	1333.5	1342.0	1345.4	1352.2	1347.1	1340.3	1340.3
45°	741.2	1045.9	1267.5	1277.7	1267.5	1281.1	1286.2	1286.2	1270.9	1267.5	1265.9
47.5°	719.2	984.9	1203.2	1203.2	1198.2	1215.1	1223.5	1211.7	1196.5	1191.4	1191.4
50°	717.5	917.2	1115.2	1108.5	1132.2	1152.5	1144.0	1132.2	1120.3	1101.7	1101.7
52.5°	651.5	834.3	1001.9	1027.2	1064.5	1076.3	1062.8	1050.9	1030.6	1022.2	1015.4
55°	604.2	748.0	898.6	949.4	988.3	1003.5	978.2	966.3	935.9	930.8	927.4
57.5°	594.0	622.8	803.9	868.2	915.5	913.9	898.6	876.6	851.2	846.2	844.5
60°	544.9	450.2	702.3	778.5	827.5	822.5	808.9	788.6	764.9	761.5	758.2
62.5°	494.2	326.6	587.2	673.5	742.9	741.2	729.4	698.9	682.0	673.5	666.8
65°	419.7	274.2	418.0	560.2	660.0	663.4	638.0	616.0	597.4	587.2	585.5
67.5°	319.8	223.4	282.6	467.1	580.5	577.1	544.9	534.8	511.1	506.0	495.9
70°	236.9	148.9	196.3	379.1	502.6	494.2	468.8	456.9	434.9	423.1	416.3
72.5°	196.3	120.2	143.8	294.5	423.1	412.9	390.9	377.4	358.8	348.6	341.8
75°	159.1	126.9	110.0	218.3	343.5	336.8	316.5	302.9	287.7	274.2	275.8
77.5°	116.8	118.5	88.0	160.8	272.5	262.3	250.5	233.5	226.8	213.2	213.2
80°	88.0	93.1	66.0	110.0	196.3	196.3	186.2	174.3	162.5	155.7	155.7
82.5°	59.2	59.2	49.1	69.4	133.7	128.6	121.8	118.5	111.7	108.3	108.3
85°	27.1	33.8	30.5	42.3	72.8	76.2	76.2	72.8	71.1	67.7	69.4
87.5°	8.5	15.2	18.6	23.7	37.2	38.9	40.6	40.6	40.6	42.3	42.3
90°	3.1	5.6	8.1	8.7	13.7	20.3	23.6	21.0	15.7	11.8	11.8
92.5°	12.4	33.5	54.5	59.8	84.1	116.5	132.7	116.3	83.5	58.9	56.6
95°	29.8	68.4	107.0	116.6	207.0	327.5	387.8	346.0	262.5	199.9	192.8
97.5°	51.5	85.5	119.5	128.0	278.8	479.8	580.3	553.9	501.2	461.6	448.1
100°	68.2	99.0	129.9	137.6	304.9	528.0	639.5	641.4	645.3	648.2	632.1
102.5°	82.5	111.3	140.0	147.2	316.9	543.2	656.3	689.9	757.1	807.5	793.7
105°	106.6	131.0	155.4	161.5	325.8	544.9	654.4	729.8	880.5	993.5	986.1
107.5°	131.4	154.2	176.9	182.6	327.5	520.6	617.2	722.3	932.5	1090.2	1092.0
110°	148.2	168.7	189.3	194.4	325.0	499.1	586.2	703.7	938.7	1115.0	1122.7



TEST NUMBER: P934914

CATALOG NUMBER: SQ4-FA-075U-125D-835-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	164.6	184.2	203.7	208.6	325.1	480.4	558.0	678.3	918.8	1099.2	1111.1
115°	189.4	207.4	225.5	230.0	328.1	458.8	524.2	640.1	871.8	1045.6	1062.0
117.5°	213.9	230.3	246.7	250.8	334.2	445.3	500.9	605.5	814.6	971.5	989.7
120°	228.2	243.6	259.0	262.9	339.1	440.8	491.6	587.2	778.3	921.6	939.3
122.5°	242.1	257.7	273.2	277.1	346.2	438.4	484.5	570.5	742.6	871.7	889.2
125°	263.5	277.7	291.9	295.4	355.9	436.5	476.8	549.9	696.1	805.7	821.8
127.5°	280.9	295.2	309.5	313.1	365.5	435.4	470.3	533.1	658.6	752.7	766.3
130°	290.2	305.6	321.0	324.9	372.5	436.0	467.8	523.7	635.4	719.2	731.7
132.5°	299.8	315.2	330.6	334.5	378.2	436.5	465.6	515.6	615.7	690.7	701.9
135°	314.0	328.0	342.1	345.6	384.4	436.1	461.9	503.8	587.6	650.4	660.1
137.5°	328.6	342.5	356.4	359.9	393.7	438.8	461.3	496.7	567.5	620.6	628.5
140°	340.7	353.5	366.3	369.5	399.4	439.2	459.1	489.7	550.8	596.7	604.1
142.5°	350.0	361.8	373.6	376.6	404.1	440.8	459.1	486.0	539.7	580.0	586.4
145°	364.2	374.6	384.9	387.5	410.3	440.8	456.0	478.0	521.9	554.9	559.7
147.5°	378.5	388.5	398.6	401.1	419.4	443.8	456.0	473.3	507.9	533.8	537.8
150°	387.8	396.9	406.0	408.3	424.2	445.4	456.0	470.6	499.8	521.7	524.9
152.5°	397.4	404.3	411.2	412.9	427.3	446.4	456.0	468.5	493.4	512.1	514.5
155°	411.7	416.8	421.8	423.1	434.1	448.7	456.0	465.9	485.7	500.6	502.2
157.5°	422.2	427.2	432.2	433.4	440.9	451.0	456.0	463.7	479.1	490.7	491.8
160°	429.3	433.2	437.0	438.0	444.0	452.0	456.0	462.6	475.9	485.8	486.4
162.5°	436.5	439.4	442.3	443.0	447.3	453.1	456.0	461.6	472.7	481.1	481.7
165°	444.2	446.8	449.4	450.1	452.1	454.7	456.0	460.0	468.0	474.0	474.7
167.5°	451.3	452.5	453.8	454.1	455.8	458.0	459.1	461.7	467.0	470.9	471.2
170°	456.0	457.2	458.5	458.8	458.9	459.0	459.1	461.7	467.0	470.9	470.9
172.5°	458.5	458.8	459.0	459.1	459.1	459.1	459.1	461.2	465.3	468.4	468.2
175°	461.9	461.9	461.9	461.9	461.0	459.7	459.1	460.4	463.0	465.0	465.0
177.5°	461.9	461.9	461.9	461.9	461.2	460.2	459.7	460.7	462.8	464.4	464.1
180°	461.9	461.9	461.9	461.9	461.9	461.9	461.9	461.9	461.9	461.9	461.9



TEST NUMBER: P934914

CATALOG NUMBER: SQ4-FA-075U-125D-835-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1788.8	1788.8	1788.8	1788.8	1788.8	1788.8	1788.8	1788.8	1788.8	1788.8	1788.8
2.5°	1834.5	1829.4	1834.5	1831.1	1832.8	1827.7	1812.5	1807.4	1812.5	1817.6	1817.6
5°	1856.5	1853.1	1856.5	1856.5	1854.8	1851.4	1834.5	1831.1	1834.5	1836.2	1832.8
7.5°	1863.2	1858.2	1863.2	1859.9	1859.9	1856.5	1839.6	1836.2	1837.9	1842.9	1837.9
10°	1863.2	1858.2	1863.2	1861.6	1859.9	1856.5	1839.6	1832.8	1832.8	1837.9	1832.8
12.5°	1854.8	1851.4	1854.8	1851.4	1851.4	1848.0	1831.1	1824.3	1826.0	1827.7	1820.9
15°	1841.2	1836.2	1841.2	1837.9	1839.6	1834.5	1815.9	1809.1	1809.1	1812.5	1800.6
17.5°	1820.9	1814.2	1820.9	1819.2	1817.6	1814.2	1797.2	1790.5	1788.8	1790.5	1782.0
20°	1797.2	1792.2	1797.2	1795.6	1795.6	1788.8	1771.9	1763.4	1763.4	1763.4	1754.9
22.5°	1760.0	1754.9	1760.0	1763.4	1763.4	1761.7	1746.5	1734.6	1731.2	1731.2	1721.1
25°	1717.7	1712.6	1717.7	1717.7	1716.0	1717.7	1712.6	1705.9	1700.8	1695.7	1685.6
27.5°	1677.1	1673.7	1677.1	1673.7	1677.1	1672.0	1670.3	1668.6	1661.9	1656.8	1643.2
30°	1636.5	1633.1	1636.5	1633.1	1629.7	1626.3	1617.9	1614.5	1621.2	1617.9	1595.9
32.5°	1585.7	1582.3	1585.7	1585.7	1582.3	1582.3	1568.8	1563.7	1565.4	1575.6	1555.2
35°	1533.2	1528.2	1533.2	1531.6	1533.2	1528.2	1519.7	1518.0	1511.2	1523.1	1507.9
37.5°	1472.3	1467.2	1472.3	1472.3	1472.3	1475.7	1468.9	1463.9	1453.7	1468.9	1457.1
40°	1409.7	1402.9	1409.7	1408.0	1409.7	1413.1	1409.7	1406.3	1396.2	1408.0	1397.9
42.5°	1338.6	1336.9	1338.6	1340.3	1340.3	1347.1	1352.2	1345.4	1342.0	1333.5	1340.3
45°	1262.5	1259.1	1262.5	1265.9	1267.5	1270.9	1286.2	1286.2	1281.1	1267.5	1277.7
47.5°	1181.2	1172.8	1181.2	1191.4	1191.4	1196.5	1211.7	1223.5	1215.1	1198.2	1203.2
50°	1094.9	1096.6	1094.9	1101.7	1101.7	1120.3	1132.2	1144.0	1152.5	1132.2	1108.5
52.5°	1010.3	1008.6	1010.3	1015.4	1022.2	1030.6	1050.9	1062.8	1076.3	1064.5	1027.2
55°	925.7	929.1	925.7	927.4	930.8	935.9	966.3	978.2	1003.5	988.3	949.4
57.5°	841.1	836.0	841.1	844.5	846.2	851.2	876.6	898.6	913.9	915.5	868.2
60°	742.9	736.2	742.9	758.2	761.5	764.9	788.6	808.9	822.5	827.5	778.5
62.5°	656.6	644.8	656.6	666.8	673.5	682.0	698.9	729.4	741.2	742.9	673.5
65°	565.2	560.2	565.2	585.5	587.2	597.4	616.0	638.0	663.4	660.0	560.2
67.5°	482.3	482.3	482.3	495.9	506.0	511.1	534.8	544.9	577.1	580.5	467.1
70°	406.2	404.5	406.2	416.3	423.1	434.9	456.9	468.8	494.2	502.6	379.1
72.5°	333.4	331.7	333.4	341.8	348.6	358.8	377.4	390.9	412.9	423.1	294.5
75°	269.1	265.7	269.1	275.8	274.2	287.7	302.9	316.5	336.8	343.5	218.3
77.5°	206.5	206.5	206.5	213.2	213.2	226.8	233.5	250.5	262.3	272.5	160.8
80°	154.0	152.3	154.0	155.7	155.7	162.5	174.3	186.2	196.3	196.3	110.0
82.5°	108.3	104.9	108.3	108.3	108.3	111.7	118.5	121.8	128.6	133.7	69.4
85°	67.7	67.7	67.7	69.4	67.7	71.1	72.8	76.2	76.2	72.8	42.3
87.5°	44.0	42.3	44.0	42.3	42.3	40.6	40.6	40.6	38.9	37.2	23.7
90°	11.8	11.8	11.8	11.8	11.8	15.7	21.0	23.6	20.3	13.7	8.7
92.5°	47.2	37.8	47.2	56.6	58.9	83.5	116.3	132.7	116.5	84.1	59.8
95°	164.5	136.1	164.5	192.8	199.9	262.5	346.0	387.8	327.5	207.0	116.6
97.5°	394.1	340.1	394.1	448.1	461.6	501.2	553.9	580.3	479.8	278.8	128.0
100°	567.8	503.4	567.8	632.1	648.2	645.3	641.4	639.5	528.0	304.9	137.6
102.5°	738.6	683.5	738.6	793.7	807.5	757.1	689.9	656.3	543.2	316.9	147.2
105°	956.5	926.9	956.5	986.1	993.5	880.5	729.8	654.4	544.9	325.8	161.5
107.5°	1099.2	1106.4	1099.2	1092.0	1090.2	932.5	722.3	617.2	520.6	327.5	182.6
110°	1153.6	1184.5	1153.6	1122.7	1115.0	938.7	703.7	586.2	499.1	325.0	194.4





TEST NUMBER: P934914

CATALOG NUMBER: SQ4-FA-075U-125D-835-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1158.5	1205.9	1158.5	1111.1	1099.2	918.8	678.3	558.0	480.4	325.1	208.6
115°	1127.8	1193.5	1127.8	1062.0	1045.6	871.8	640.1	524.2	458.8	328.1	230.0
117.5°	1062.6	1135.5	1062.6	989.7	971.5	814.6	605.5	500.9	445.3	334.2	250.8
120°	1010.1	1080.9	1010.1	939.3	921.6	778.3	587.2	491.6	440.8	339.1	262.9
122.5°	959.0	1028.9	959.0	889.2	871.7	742.6	570.5	484.5	438.4	346.2	277.1
125°	886.1	950.4	886.1	821.8	805.7	696.1	549.9	476.8	436.5	355.9	295.4
127.5°	820.5	874.8	820.5	766.3	752.7	658.6	533.1	470.3	435.4	365.5	313.1
130°	781.9	832.0	781.9	731.7	719.2	635.4	523.7	467.8	436.0	372.5	324.9
132.5°	746.8	791.7	746.8	701.9	690.7	615.7	515.6	465.6	436.5	378.2	334.5
135°	698.8	737.5	698.8	660.1	650.4	587.6	503.8	461.9	436.1	384.4	345.6
137.5°	660.2	691.9	660.2	628.5	620.6	567.5	496.7	461.3	438.8	393.7	359.9
140°	633.8	663.4	633.8	604.1	596.7	550.8	489.7	459.1	439.2	399.4	369.5
142.5°	611.8	637.3	611.8	586.4	580.0	539.7	486.0	459.1	440.8	404.1	376.6
145°	579.0	598.3	579.0	559.7	554.9	521.9	478.0	456.0	440.8	410.3	387.5
147.5°	553.8	569.8	553.8	537.8	533.8	507.9	473.3	456.0	443.8	419.4	401.1
150°	537.9	550.9	537.9	524.9	521.7	499.8	470.6	456.0	445.4	424.2	408.3
152.5°	524.3	534.1	524.3	514.5	512.1	493.4	468.5	456.0	446.4	427.3	412.9
155°	508.7	515.2	508.7	502.2	500.6	485.7	465.9	456.0	448.7	434.1	423.1
157.5°	496.4	500.9	496.4	491.8	490.7	479.1	463.7	456.0	451.0	440.9	433.4
160°	489.0	491.6	489.0	486.4	485.8	475.9	462.6	456.0	452.0	444.0	438.0
162.5°	484.2	486.7	484.2	481.7	481.1	472.7	461.6	456.0	453.1	447.3	443.0
165°	477.3	479.9	477.3	474.7	474.0	468.0	460.0	456.0	454.7	452.1	450.1
167.5°	472.3	473.4	472.3	471.2	470.9	467.0	461.7	459.1	458.0	455.8	454.1
170°	470.9	470.9	470.9	470.9	470.9	467.0	461.7	459.1	459.0	458.9	458.8
172.5°	467.2	466.2	467.2	468.2	468.4	465.3	461.2	459.1	459.1	459.1	459.1
175°	465.0	465.0	465.0	465.0	465.0	463.0	460.4	459.1	459.7	461.0	461.9
177.5°	463.0	461.9	463.0	464.1	464.4	462.8	460.7	459.7	460.2	461.2	461.9
180°	461.9	461.9	461.9	461.9	461.9	461.9	461.9	461.9	461.9	461.9	461.9



TEST NUMBER: P934914

CATALOG NUMBER: SQ4-FA-075U-125D-835-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1788.8	1788.8	1788.8	1788.8	1788.8	1788.8	1788.8	1788.8	1788.8	1788.8	1788.8
2.5°	1814.2	1804.0	1804.0	1787.1	1780.3	1775.2	1766.8	1741.4	1734.6	1727.9	1738.0
5°	1829.4	1810.8	1797.2	1766.8	1741.4	1731.2	1699.1	1638.2	1597.6	1567.1	1550.2
7.5°	1832.8	1809.1	1783.7	1736.3	1675.4	1648.3	1550.2	1438.5	1408.0	1380.9	1364.0
10°	1829.4	1802.3	1766.8	1695.7	1551.9	1504.5	1406.3	1333.5	1314.9	1309.9	1314.9
12.5°	1817.6	1792.2	1743.1	1624.6	1423.2	1391.1	1333.5	1291.2	1287.9	1296.3	1342.0
15°	1797.2	1773.6	1716.0	1529.9	1352.2	1328.5	1287.9	1272.6	1291.2	1350.5	1487.6
17.5°	1776.9	1749.9	1678.8	1436.8	1298.0	1281.1	1252.3	1282.8	1387.7	1467.2	1512.9
20°	1749.9	1717.7	1636.5	1369.1	1259.1	1243.9	1230.3	1367.4	1446.9	1475.7	1501.1
22.5°	1717.7	1683.9	1578.9	1321.7	1218.5	1206.6	1215.1	1414.8	1446.9	1467.2	1489.2
25°	1675.4	1646.6	1511.2	1284.5	1186.3	1172.8	1204.9	1409.7	1428.3	1433.4	1477.4
27.5°	1636.5	1599.2	1440.2	1250.6	1147.4	1142.3	1213.4	1387.7	1401.2	1406.3	1453.7
30°	1589.1	1533.2	1360.6	1215.1	1106.8	1105.1	1215.1	1360.6	1357.2	1370.8	1418.2
32.5°	1540.0	1435.1	1270.9	1171.1	1067.9	1066.2	1203.2	1320.0	1316.6	1335.2	1370.8
35°	1494.3	1358.9	1149.1	1120.3	1018.8	1020.5	1174.5	1272.6	1274.3	1291.2	1313.2
37.5°	1446.9	1292.9	1015.4	1064.5	971.4	971.4	1135.5	1228.6	1225.2	1230.3	1260.8
40°	1391.1	1189.7	896.9	991.7	927.4	922.3	1088.2	1181.2	1169.4	1167.7	1210.0
42.5°	1331.9	1076.3	808.9	895.2	876.6	869.9	1030.6	1123.7	1101.7	1106.8	1160.9
45°	1267.5	1045.9	741.2	756.5	824.2	819.1	968.0	1057.7	1042.5	1056.0	1111.9
47.5°	1203.2	984.9	719.2	627.9	768.3	766.6	898.6	993.4	984.9	998.5	1057.7
50°	1115.2	917.2	717.5	538.2	705.7	712.5	815.7	930.8	930.8	942.6	1005.2
52.5°	1001.9	834.3	651.5	487.4	632.9	653.2	742.9	876.6	880.0	891.9	947.7
55°	898.6	748.0	604.2	448.5	546.6	590.6	671.9	820.8	827.5	839.4	890.2
57.5°	803.9	622.8	594.0	402.8	467.1	509.4	609.2	766.6	770.0	780.2	829.2
60°	702.3	450.2	544.9	353.7	397.7	429.8	551.7	702.3	714.2	720.9	763.2
62.5°	587.2	326.6	494.2	319.8	363.8	370.6	504.3	641.4	656.6	661.7	687.1
65°	418.0	274.2	419.7	291.1	328.3	330.0	453.5	578.8	592.3	600.8	619.4
67.5°	282.6	223.4	319.8	264.0	301.2	302.9	404.5	506.0	524.6	531.4	543.2
70°	196.3	148.9	236.9	235.2	270.8	274.2	352.0	440.0	456.9	462.0	468.8
72.5°	143.8	120.2	196.3	211.5	238.6	242.0	297.8	365.5	382.5	387.5	390.9
75°	110.0	126.9	159.1	184.5	203.1	204.8	243.7	297.8	309.7	313.1	314.8
77.5°	88.0	118.5	116.8	148.9	165.8	162.5	191.2	230.2	240.3	240.3	240.3
80°	66.0	93.1	88.0	106.6	121.8	118.5	137.1	164.2	167.5	170.9	169.2
82.5°	49.1	59.2	59.2	67.7	81.2	77.8	91.4	106.6	106.6	106.6	110.0
85°	30.5	33.8	27.1	35.5	45.7	44.0	50.8	57.5	59.2	59.2	55.8
87.5°	18.6	15.2	8.5	13.5	20.3	20.3	23.7	25.4	23.7	23.7	23.7
90°	8.1	5.6	3.1	5.6	8.1	8.7	13.7	20.3	23.6	21.0	15.7
92.5°	54.5	33.5	12.4	33.5	54.5	59.8	84.1	116.5	132.7	116.3	83.5
95°	107.0	68.4	29.8	68.4	107.0	116.6	207.0	327.5	387.8	346.0	262.5
97.5°	119.5	85.5	51.5	85.5	119.5	128.0	278.8	479.8	580.3	553.9	501.2
100°	129.9	99.0	68.2	99.0	129.9	137.6	304.9	528.0	639.5	641.4	645.3
102.5°	140.0	111.3	82.5	111.3	140.0	147.2	316.9	543.2	656.3	689.9	757.1
105°	155.4	131.0	106.6	131.0	155.4	161.5	325.8	544.9	654.4	729.8	880.5
107.5°	176.9	154.2	131.4	154.2	176.9	182.6	327.5	520.6	617.2	722.3	932.5
110°	189.3	168.7	148.2	168.7	189.3	194.4	325.0	499.1	586.2	703.7	938.7



TEST NUMBER: P934914

CATALOG NUMBER: SQ4-FA-075U-125D-835-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	203.7	184.2	164.6	184.2	203.7	208.6	325.1	480.4	558.0	678.3	918.8
115°	225.5	207.4	189.4	207.4	225.5	230.0	328.1	458.8	524.2	640.1	871.8
117.5°	246.7	230.3	213.9	230.3	246.7	250.8	334.2	445.3	500.9	605.5	814.6
120°	259.0	243.6	228.2	243.6	259.0	262.9	339.1	440.8	491.6	587.2	778.3
122.5°	273.2	257.7	242.1	257.7	273.2	277.1	346.2	438.4	484.5	570.5	742.6
125°	291.9	277.7	263.5	277.7	291.9	295.4	355.9	436.5	476.8	549.9	696.1
127.5°	309.5	295.2	280.9	295.2	309.5	313.1	365.5	435.4	470.3	533.1	658.6
130°	321.0	305.6	290.2	305.6	321.0	324.9	372.5	436.0	467.8	523.7	635.4
132.5°	330.6	315.2	299.8	315.2	330.6	334.5	378.2	436.5	465.6	515.6	615.7
135°	342.1	328.0	314.0	328.0	342.1	345.6	384.4	436.1	461.9	503.8	587.6
137.5°	356.4	342.5	328.6	342.5	356.4	359.9	393.7	438.8	461.3	496.7	567.5
140°	366.3	353.5	340.7	353.5	366.3	369.5	399.4	439.2	459.1	489.7	550.8
142.5°	373.6	361.8	350.0	361.8	373.6	376.6	404.1	440.8	459.1	486.0	539.7
145°	384.9	374.6	364.2	374.6	384.9	387.5	410.3	440.8	456.0	478.0	521.9
147.5°	398.6	388.5	378.5	388.5	398.6	401.1	419.4	443.8	456.0	473.3	507.9
150°	406.0	396.9	387.8	396.9	406.0	408.3	424.2	445.4	456.0	470.6	499.8
152.5°	411.2	404.3	397.4	404.3	411.2	412.9	427.3	446.4	456.0	468.5	493.4
155°	421.8	416.8	411.7	416.8	421.8	423.1	434.1	448.7	456.0	465.9	485.7
157.5°	432.2	427.2	422.2	427.2	432.2	433.4	440.9	451.0	456.0	463.7	479.1
160°	437.0	433.2	429.3	433.2	437.0	438.0	444.0	452.0	456.0	462.6	475.9
162.5°	442.3	439.4	436.5	439.4	442.3	443.0	447.3	453.1	456.0	461.6	472.7
165°	449.4	446.8	444.2	446.8	449.4	450.1	452.1	454.7	456.0	460.0	468.0
167.5°	453.8	452.5	451.3	452.5	453.8	454.1	455.8	458.0	459.1	461.7	467.0
170°	458.5	457.2	456.0	457.2	458.5	458.8	458.9	459.0	459.1	461.7	467.0
172.5°	459.0	458.8	458.5	458.8	459.0	459.1	459.1	459.1	459.1	461.2	465.3
175°	461.9	461.9	461.9	461.9	461.9	461.9	461.0	459.7	459.1	460.4	463.0
177.5°	461.9	461.9	461.9	461.9	461.9	461.9	461.2	460.2	459.7	460.7	462.8
180°	461.9	461.9	461.9	461.9	461.9	461.9	461.9	461.9	461.9	461.9	461.9



TEST NUMBER: P934914  
 CATALOG NUMBER: SQ4-FA-075U-125D-835-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1788.8	1788.8	1788.8	1788.8	1788.8	1788.8	1788.8	1788.8	1788.8	1788.8	1788.8
2.5°	1726.2	1721.1	1727.9	1709.2	1727.9	1721.1	1726.2	1738.0	1727.9	1734.6	1741.4
5°	1514.6	1506.2	1479.1	1457.1	1479.1	1506.2	1514.6	1550.2	1567.1	1597.6	1638.2
7.5°	1353.9	1347.1	1340.3	1326.8	1340.3	1347.1	1353.9	1364.0	1380.9	1408.0	1438.5
10°	1318.3	1320.0	1330.2	1328.5	1330.2	1320.0	1318.3	1314.9	1309.9	1314.9	1333.5
12.5°	1409.7	1424.9	1480.8	1477.4	1480.8	1424.9	1409.7	1342.0	1296.3	1287.9	1291.2
15°	1514.6	1519.7	1531.6	1533.2	1531.6	1519.7	1514.6	1487.6	1350.5	1291.2	1272.6
17.5°	1524.8	1526.5	1534.9	1534.9	1534.9	1526.5	1524.8	1512.9	1467.2	1387.7	1282.8
20°	1516.3	1519.7	1536.6	1540.0	1536.6	1519.7	1516.3	1501.1	1475.7	1446.9	1367.4
22.5°	1512.9	1519.7	1533.2	1531.6	1533.2	1519.7	1512.9	1489.2	1467.2	1446.9	1414.8
25°	1496.0	1496.0	1497.7	1499.4	1497.7	1496.0	1496.0	1477.4	1433.4	1428.3	1409.7
27.5°	1460.5	1463.9	1474.0	1472.3	1474.0	1463.9	1460.5	1453.7	1406.3	1401.2	1387.7
30°	1428.3	1424.9	1416.5	1409.7	1416.5	1424.9	1428.3	1418.2	1370.8	1357.2	1360.6
32.5°	1374.2	1365.7	1357.2	1352.2	1357.2	1365.7	1374.2	1370.8	1335.2	1316.6	1320.0
35°	1309.9	1311.5	1309.9	1304.8	1309.9	1311.5	1309.9	1313.2	1291.2	1274.3	1272.6
37.5°	1264.2	1267.5	1265.9	1259.1	1265.9	1267.5	1264.2	1260.8	1230.3	1225.2	1228.6
40°	1216.8	1218.5	1216.8	1211.7	1216.8	1218.5	1216.8	1210.0	1167.7	1169.4	1181.2
42.5°	1171.1	1169.4	1164.3	1160.9	1164.3	1169.4	1171.1	1160.9	1106.8	1101.7	1123.7
45°	1118.6	1120.3	1110.2	1105.1	1110.2	1120.3	1118.6	1111.9	1056.0	1042.5	1057.7
47.5°	1066.2	1066.2	1057.7	1052.6	1057.7	1066.2	1066.2	1057.7	998.5	984.9	993.4
50°	1010.3	1008.6	996.8	995.1	996.8	1008.6	1010.3	1005.2	942.6	930.8	930.8
52.5°	946.0	946.0	947.7	951.1	947.7	946.0	946.0	947.7	891.9	880.0	876.6
55°	890.2	891.9	903.7	907.1	903.7	891.9	890.2	890.2	839.4	827.5	820.8
57.5°	832.6	832.6	841.1	841.1	841.1	832.6	832.6	829.2	780.2	770.0	766.6
60°	766.6	770.0	776.8	775.1	776.8	770.0	766.6	763.2	720.9	714.2	702.3
62.5°	697.2	700.6	702.3	698.9	702.3	700.6	697.2	687.1	661.7	656.6	641.4
65°	624.5	627.9	629.5	626.2	629.5	627.9	624.5	619.4	600.8	592.3	578.8
67.5°	550.0	548.3	546.6	553.4	546.6	548.3	550.0	543.2	531.4	524.6	506.0
70°	473.8	473.8	472.2	475.5	472.2	473.8	473.8	468.8	462.0	456.9	440.0
72.5°	392.6	390.9	397.7	392.6	397.7	390.9	392.6	390.9	387.5	382.5	365.5
75°	313.1	316.5	313.1	318.2	313.1	316.5	313.1	314.8	313.1	309.7	297.8
77.5°	238.6	242.0	238.6	238.6	238.6	242.0	238.6	240.3	240.3	240.3	230.2
80°	169.2	167.5	167.5	165.8	167.5	167.5	169.2	169.2	170.9	167.5	164.2
82.5°	108.3	106.6	106.6	110.0	106.6	106.6	108.3	110.0	106.6	106.6	106.6
85°	59.2	60.9	57.5	57.5	57.5	60.9	59.2	55.8	59.2	59.2	57.5
87.5°	22.0	20.3	20.3	20.3	20.3	20.3	22.0	23.7	23.7	23.7	25.4
90°	11.8	11.8	11.8	11.8	11.8	11.8	11.8	15.7	21.0	23.6	20.3
92.5°	58.9	56.6	47.2	37.8	47.2	56.6	58.9	83.5	116.3	132.7	116.5
95°	199.9	192.8	164.5	136.1	164.5	192.8	199.9	262.5	346.0	387.8	327.5
97.5°	461.6	448.1	394.1	340.1	394.1	448.1	461.6	501.2	553.9	580.3	479.8
100°	648.2	632.1	567.8	503.4	567.8	632.1	648.2	645.3	641.4	639.5	528.0
102.5°	807.5	793.7	738.6	683.5	738.6	793.7	807.5	757.1	689.9	656.3	543.2
105°	993.5	986.1	956.5	926.9	956.5	986.1	993.5	880.5	729.8	654.4	544.9
107.5°	1090.2	1092.0	1099.2	1106.4	1099.2	1092.0	1090.2	932.5	722.3	617.2	520.6
110°	1115.0	1122.7	1153.6	1184.5	1153.6	1122.7	1115.0	938.7	703.7	586.2	499.1



TEST NUMBER: P934914

CATALOG NUMBER: SQ4-FA-075U-125D-835-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1099.2	1111.1	1158.5	1205.9	1158.5	1111.1	1099.2	918.8	678.3	558.0	480.4
115°	1045.6	1062.0	1127.8	1193.5	1127.8	1062.0	1045.6	871.8	640.1	524.2	458.8
117.5°	971.5	989.7	1062.6	1135.5	1062.6	989.7	971.5	814.6	605.5	500.9	445.3
120°	921.6	939.3	1010.1	1080.9	1010.1	939.3	921.6	778.3	587.2	491.6	440.8
122.5°	871.7	889.2	959.0	1028.9	959.0	889.2	871.7	742.6	570.5	484.5	438.4
125°	805.7	821.8	886.1	950.4	886.1	821.8	805.7	696.1	549.9	476.8	436.5
127.5°	752.7	766.3	820.5	874.8	820.5	766.3	752.7	658.6	533.1	470.3	435.4
130°	719.2	731.7	781.9	832.0	781.9	731.7	719.2	635.4	523.7	467.8	436.0
132.5°	690.7	701.9	746.8	791.7	746.8	701.9	690.7	615.7	515.6	465.6	436.5
135°	650.4	660.1	698.8	737.5	698.8	660.1	650.4	587.6	503.8	461.9	436.1
137.5°	620.6	628.5	660.2	691.9	660.2	628.5	620.6	567.5	496.7	461.3	438.8
140°	596.7	604.1	633.8	663.4	633.8	604.1	596.7	550.8	489.7	459.1	439.2
142.5°	580.0	586.4	611.8	637.3	611.8	586.4	580.0	539.7	486.0	459.1	440.8
145°	554.9	559.7	579.0	598.3	579.0	559.7	554.9	521.9	478.0	456.0	440.8
147.5°	533.8	537.8	553.8	569.8	553.8	537.8	533.8	507.9	473.3	456.0	443.8
150°	521.7	524.9	537.9	550.9	537.9	524.9	521.7	499.8	470.6	456.0	445.4
152.5°	512.1	514.5	524.3	534.1	524.3	514.5	512.1	493.4	468.5	456.0	446.4
155°	500.6	502.2	508.7	515.2	508.7	502.2	500.6	485.7	465.9	456.0	448.7
157.5°	490.7	491.8	496.4	500.9	496.4	491.8	490.7	479.1	463.7	456.0	451.0
160°	485.8	486.4	489.0	491.6	489.0	486.4	485.8	475.9	462.6	456.0	452.0
162.5°	481.1	481.7	484.2	486.7	484.2	481.7	481.1	472.7	461.6	456.0	453.1
165°	474.0	474.7	477.3	479.9	477.3	474.7	474.0	468.0	460.0	456.0	454.7
167.5°	470.9	471.2	472.3	473.4	472.3	471.2	470.9	467.0	461.7	459.1	458.0
170°	470.9	470.9	470.9	470.9	470.9	470.9	470.9	467.0	461.7	459.1	459.0
172.5°	468.4	468.2	467.2	466.2	467.2	468.2	468.4	465.3	461.2	459.1	459.1
175°	465.0	465.0	465.0	465.0	465.0	465.0	465.0	463.0	460.4	459.1	459.7
177.5°	464.4	464.1	463.0	461.9	463.0	464.1	464.4	462.8	460.7	459.7	460.2
180°	461.9	461.9	461.9	461.9	461.9	461.9	461.9	461.9	461.9	461.9	461.9



TEST NUMBER: P934914

CATALOG NUMBER: SQ4-FA-075U-125D-835-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1788.8	1788.8	1788.8	1788.8	1788.8
2.5°	1766.8	1775.2	1780.3	1787.1	1804.0
5°	1699.1	1731.2	1741.4	1766.8	1797.2
7.5°	1550.2	1648.3	1675.4	1736.3	1783.7
10°	1406.3	1504.5	1551.9	1695.7	1766.8
12.5°	1333.5	1391.1	1423.2	1624.6	1743.1
15°	1287.9	1328.5	1352.2	1529.9	1716.0
17.5°	1252.3	1281.1	1298.0	1436.8	1678.8
20°	1230.3	1243.9	1259.1	1369.1	1636.5
22.5°	1215.1	1206.6	1218.5	1321.7	1578.9
25°	1204.9	1172.8	1186.3	1284.5	1511.2
27.5°	1213.4	1142.3	1147.4	1250.6	1440.2
30°	1215.1	1105.1	1106.8	1215.1	1360.6
32.5°	1203.2	1066.2	1067.9	1171.1	1270.9
35°	1174.5	1020.5	1018.8	1120.3	1149.1
37.5°	1135.5	971.4	971.4	1064.5	1015.4
40°	1088.2	922.3	927.4	991.7	896.9
42.5°	1030.6	869.9	876.6	895.2	808.9
45°	968.0	819.1	824.2	756.5	741.2
47.5°	898.6	766.6	768.3	627.9	719.2
50°	815.7	712.5	705.7	538.2	717.5
52.5°	742.9	653.2	632.9	487.4	651.5
55°	671.9	590.6	546.6	448.5	604.2
57.5°	609.2	509.4	467.1	402.8	594.0
60°	551.7	429.8	397.7	353.7	544.9
62.5°	504.3	370.6	363.8	319.8	494.2
65°	453.5	330.0	328.3	291.1	419.7
67.5°	404.5	302.9	301.2	264.0	319.8
70°	352.0	274.2	270.8	235.2	236.9
72.5°	297.8	242.0	238.6	211.5	196.3
75°	243.7	204.8	203.1	184.5	159.1
77.5°	191.2	162.5	165.8	148.9	116.8
80°	137.1	118.5	121.8	106.6	88.0
82.5°	91.4	77.8	81.2	67.7	59.2
85°	50.8	44.0	45.7	35.5	27.1
87.5°	23.7	20.3	20.3	13.5	8.5
90°	13.7	8.7	8.1	5.6	3.1
92.5°	84.1	59.8	54.5	33.5	12.4
95°	207.0	116.6	107.0	68.4	29.8
97.5°	278.8	128.0	119.5	85.5	51.5
100°	304.9	137.6	129.9	99.0	68.2
102.5°	316.9	147.2	140.0	111.3	82.5
105°	325.8	161.5	155.4	131.0	106.6
107.5°	327.5	182.6	176.9	154.2	131.4
110°	325.0	194.4	189.3	168.7	148.2



TEST NUMBER: P934914

CATALOG NUMBER: SQ4-FA-075U-125D-835-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	325.1	208.6	203.7	184.2	164.6
115°	328.1	230.0	225.5	207.4	189.4
117.5°	334.2	250.8	246.7	230.3	213.9
120°	339.1	262.9	259.0	243.6	228.2
122.5°	346.2	277.1	273.2	257.7	242.1
125°	355.9	295.4	291.9	277.7	263.5
127.5°	365.5	313.1	309.5	295.2	280.9
130°	372.5	324.9	321.0	305.6	290.2
132.5°	378.2	334.5	330.6	315.2	299.8
135°	384.4	345.6	342.1	328.0	314.0
137.5°	393.7	359.9	356.4	342.5	328.6
140°	399.4	369.5	366.3	353.5	340.7
142.5°	404.1	376.6	373.6	361.8	350.0
145°	410.3	387.5	384.9	374.6	364.2
147.5°	419.4	401.1	398.6	388.5	378.5
150°	424.2	408.3	406.0	396.9	387.8
152.5°	427.3	412.9	411.2	404.3	397.4
155°	434.1	423.1	421.8	416.8	411.7
157.5°	440.9	433.4	432.2	427.2	422.2
160°	444.0	438.0	437.0	433.2	429.3
162.5°	447.3	443.0	442.3	439.4	436.5
165°	452.1	450.1	449.4	446.8	444.2
167.5°	455.8	454.1	453.8	452.5	451.3
170°	458.9	458.8	458.5	457.2	456.0
172.5°	459.1	459.1	459.0	458.8	458.5
175°	461.0	461.9	461.9	461.9	461.9
177.5°	461.2	461.9	461.9	461.9	461.9
180°	461.9	461.9	461.9	461.9	461.9



TEST NUMBER: P934914  
 CATALOG NUMBER: SQ4-FA-075U-125D-835-1D-UNV-STD-W-4

**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	15.49	16.46	16.35	17.34	18.45	18.29	19.26	19.15	20.14	21.25
	3H	15.98	16.85	16.85	17.74	18.87	19.63	20.50	20.51	21.39	22.53
	4H	16.17	16.99	17.06	17.89	19.04	20.08	20.90	20.96	21.79	22.94
	6H	16.30	17.06	17.20	17.96	19.12	20.36	21.12	21.26	22.02	23.18
	8H	16.30	17.02	17.21	17.94	19.10	20.43	21.15	21.34	22.07	23.23
	12H	16.28	16.96	17.19	17.88	19.06	20.47	21.16	21.38	22.07	23.25
4H	2H	16.53	17.35	17.42	18.25	19.39	18.71	19.53	19.61	20.43	21.58
	3H	17.57	18.25	18.47	19.18	20.34	20.22	20.90	21.12	21.83	22.99
	4H	17.85	18.47	18.76	19.39	20.58	20.75	21.37	21.66	22.29	23.48
	6H	17.98	18.52	18.91	19.46	20.65	21.11	21.65	22.04	22.59	23.78
	8H	17.99	18.49	18.92	19.43	20.63	21.21	21.72	22.15	22.66	23.86
	12H	17.96	18.41	18.91	19.37	20.58	21.27	21.72	22.22	22.68	23.89
8H	4H	18.31	18.81	19.24	19.75	20.95	20.88	21.38	21.81	22.32	23.52
	6H	18.57	18.99	19.53	19.97	21.17	21.31	21.73	22.27	22.71	23.91
	8H	18.61	18.98	19.58	19.96	21.17	21.46	21.83	22.43	22.80	24.02
	12H	18.60	18.93	19.57	19.89	21.16	21.56	21.88	22.53	22.85	24.11
12H	4H	18.32	18.77	19.27	19.73	20.93	20.85	21.30	21.80	22.26	23.47
	6H	18.63	19.00	19.60	19.97	21.19	21.31	21.68	22.28	22.65	23.87
	8H	18.70	19.03	19.67	19.99	21.26	21.47	21.80	22.44	22.76	24.03