

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: P936114

Luminaire Tested: SQ4-FA-150U-125D-835-1D-UNV-STD-W-4

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P936114
REPORT IS A COMBINATION OF REPORTS P933782 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-125D-835-1D-UNV-STD-W-4
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

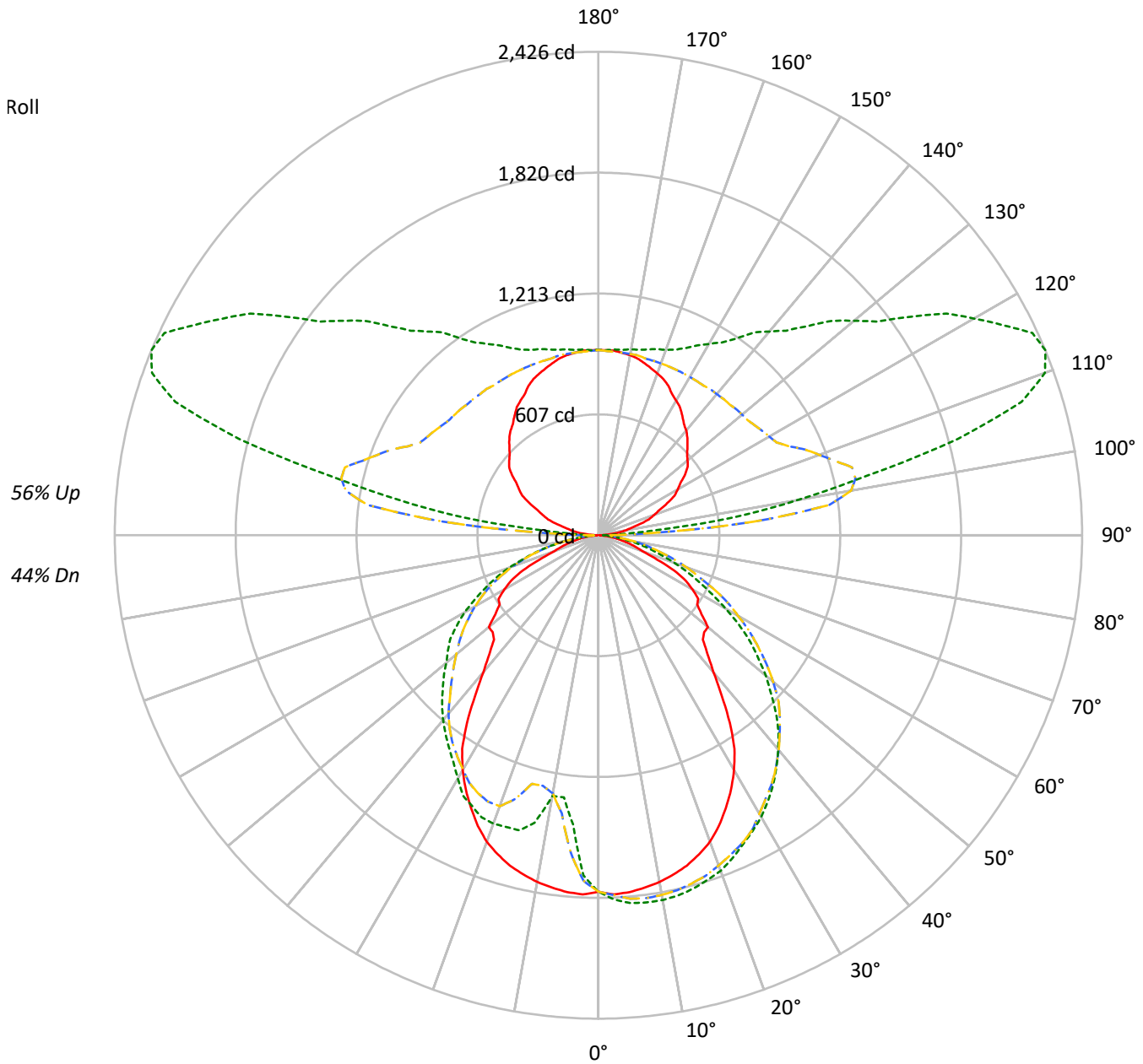
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10666.0 lumens
Efficiency: N/A
Efficacy: 128.2 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: General Diffuse

Input Watts (W): 83.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	106	106	106	106	97	97	97	97	80	80	80	64	64	64	50	50	50	44	44	44	44
1	96	92	88	85	88	84	81	78	70	68	66	57	55	54	44	43	42	37	37	37	37
2	88	80	74	69	80	74	69	64	61	58	54	50	47	45	39	37	36	31	31	31	31
3	80	71	63	58	73	65	59	54	54	49	46	44	41	38	35	32	30	26	26	26	26
4	73	63	55	49	67	57	51	45	48	43	39	39	35	32	31	28	26	22	22	22	22
5	67	56	48	42	61	51	44	39	43	37	33	35	31	28	28	25	23	19	19	19	19
6	62	50	42	36	56	46	39	34	39	33	29	32	28	24	25	22	20	17	17	17	17
7	57	45	37	31	52	41	34	29	35	29	25	29	25	22	23	20	18	15	15	15	15
8	53	41	33	28	48	38	31	26	32	26	23	26	22	19	21	18	16	13	13	13	13
9	49	37	30	25	45	34	28	23	29	24	20	24	20	17	19	16	14	12	12	12	12
10	46	34	27	22	42	31	25	21	27	22	18	22	18	16	18	15	13	11	11	11	11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	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



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	161.5	1.5
10°-20°	458.5	4.3
20°-30°	708.7	6.6
30°-40°	846.0	7.9
40°-50°	851.0	8.0
50°-60°	740.5	6.9
60°-70°	525.0	4.9
70°-80°	277.8	2.6
80°-90°	72.7	0.7
90°-100°	453.0	4.2
100°-110°	1191.0	11.2
110°-120°	1234.9	11.6
120°-130°	990.5	9.3
130°-140°	777.2	7.3
140°-150°	596.6	5.6
150°-160°	429.6	4.0
160°-170°	262.9	2.5
170°-180°	88.8	0.8
0°-30°	1328.6	12.5
0°-40°	2174.6	20.4
0°-60°	3766.1	35.3
0°-90°	4641.5	43.5
90°-120°	2878.9	27.0
90°-150°	5243.2	49.2
90°-180°	6024.0	56.5
0°-180°	10666.0	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°	6	24	6	24	6	6
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	1037	828	1037	828	381
165°	894	966	894	966	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°	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°	6.2	11.2	16.2	17.5	27.5	40.8	47.4	42.1	31.6	23.7	23.7
92.5°	24.9	67.3	109.8	120.4	169.2	234.3	266.9	233.9	168.0	118.5	113.8
95°	59.9	137.5	215.1	234.5	416.4	659.0	780.3	696.3	528.3	402.3	388.0
97.5°	103.5	172.0	240.5	257.6	560.9	965.4	1167.6	1114.5	1008.3	928.7	901.5
100°	137.2	199.3	261.4	276.9	613.5	1062.3	1286.7	1290.6	1298.4	1304.2	1271.8
102.5°	165.9	223.9	281.8	296.3	637.7	1092.8	1320.4	1388.0	1523.3	1624.8	1597.1
105°	214.6	263.7	312.7	325.0	655.5	1096.2	1316.6	1468.2	1771.5	1999.0	1984.1
107.5°	264.5	310.2	356.0	367.4	658.9	1047.5	1241.8	1453.3	1876.3	2193.6	2197.2
110°	298.1	339.4	380.8	391.1	653.9	1004.2	1179.4	1415.9	1888.8	2243.5	2259.0



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	331.2	370.6	410.0	419.8	654.1	966.5	1122.7	1364.7	1848.7	2211.7	2235.5
115°	381.1	417.4	453.7	462.8	660.1	923.2	1054.7	1287.8	1754.1	2103.8	2136.9
117.5°	430.4	463.4	496.4	504.6	672.4	896.1	1007.9	1218.3	1639.1	1954.7	1991.4
120°	459.0	490.1	521.1	528.9	682.3	886.9	989.2	1181.4	1565.9	1854.3	1889.9
122.5°	487.1	518.4	549.8	557.6	696.7	882.2	974.9	1148.0	1494.2	1753.9	1789.0
125°	530.2	558.7	587.3	594.4	716.0	878.2	959.3	1106.3	1400.4	1621.0	1653.4
127.5°	565.1	593.9	622.7	629.9	735.3	875.9	946.2	1072.5	1325.0	1514.4	1541.7
130°	583.8	614.8	645.8	653.6	749.5	877.3	941.2	1053.6	1278.4	1447.0	1472.2
132.5°	603.1	634.2	665.2	673.0	760.9	878.2	936.8	1037.4	1238.7	1389.6	1412.2
135°	631.8	660.1	688.3	695.4	773.4	877.3	929.3	1013.6	1182.1	1308.5	1328.0
137.5°	661.1	689.1	717.1	724.1	792.1	882.8	928.1	999.3	1141.8	1248.7	1264.6
140°	685.5	711.3	737.1	743.5	803.6	883.7	923.7	985.2	1108.3	1200.6	1215.5
142.5°	704.2	728.0	751.8	757.8	813.1	886.8	923.7	977.8	1085.9	1167.0	1179.8
145°	732.9	753.7	774.4	779.6	825.6	886.9	917.5	961.7	1050.1	1116.4	1126.1
147.5°	761.5	781.8	802.0	807.1	843.9	893.0	917.5	952.3	1021.8	1074.0	1082.0
150°	780.3	798.6	816.8	821.4	853.4	896.1	917.5	946.9	1005.6	1049.7	1056.2
152.5°	799.6	813.5	827.3	830.8	859.7	898.2	917.5	942.6	992.8	1030.4	1035.3
155°	828.3	838.6	848.8	851.4	873.4	902.8	917.5	937.5	977.4	1007.3	1010.6
157.5°	849.5	859.5	869.4	871.9	887.1	907.4	917.5	933.0	964.0	987.3	989.6
160°	863.8	871.6	879.4	881.3	893.4	909.5	917.5	930.8	957.4	977.3	978.6
162.5°	878.2	884.0	889.8	891.3	900.0	911.7	917.5	928.7	951.2	968.0	969.2
165°	893.8	899.0	904.3	905.6	909.6	914.9	917.5	925.5	941.6	953.6	954.9
167.5°	908.1	910.6	913.1	913.7	917.0	921.5	923.7	929.0	939.5	947.4	948.0
170°	917.5	920.0	922.5	923.1	923.3	923.6	923.7	929.0	939.5	947.4	947.4
172.5°	922.5	923.0	923.6	923.7	923.7	923.7	923.7	927.9	936.2	942.4	941.9
175°	929.3	929.3	929.3	929.3	927.4	924.9	923.7	926.3	931.6	935.6	935.6
177.5°	929.3	929.3	929.3	929.3	927.9	926.0	925.0	927.1	931.2	934.3	933.7
180°	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3



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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°	23.7	23.7	23.7	23.7	23.7	31.6	42.1	47.4	40.8	27.5	17.5
92.5°	94.9	76.1	94.9	113.8	118.5	168.0	233.9	266.9	234.3	169.2	120.4
95°	330.9	273.8	330.9	388.0	402.3	528.3	696.3	780.3	659.0	416.4	234.5
97.5°	792.9	684.2	792.9	901.5	928.7	1008.3	1114.5	1167.6	965.4	560.9	257.6
100°	1142.4	1012.9	1142.4	1271.8	1304.2	1298.4	1290.6	1286.7	1062.3	613.5	276.9
102.5°	1486.2	1375.3	1486.2	1597.1	1624.8	1523.3	1388.0	1320.4	1092.8	637.7	296.3
105°	1924.5	1864.9	1924.5	1984.1	1999.0	1771.5	1468.2	1316.6	1096.2	655.5	325.0
107.5°	2211.6	2226.0	2211.6	2197.2	2193.6	1876.3	1453.3	1241.8	1047.5	658.9	367.4
110°	2321.1	2383.2	2321.1	2259.0	2243.5	1888.8	1415.9	1179.4	1004.2	653.9	391.1



TEST NUMBER: P936114

CATALOG NUMBER: SQ4-FA-150U-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°	2330.9	2426.2	2330.9	2235.5	2211.7	1848.7	1364.7	1122.7	966.5	654.1	419.8
115°	2269.1	2401.3	2269.1	2136.9	2103.8	1754.1	1287.8	1054.7	923.2	660.1	462.8
117.5°	2138.0	2284.6	2138.0	1991.4	1954.7	1639.1	1218.3	1007.9	896.1	672.4	504.6
120°	2032.4	2174.9	2032.4	1889.9	1854.3	1565.9	1181.4	989.2	886.9	682.3	528.9
122.5°	1929.6	2070.1	1929.6	1789.0	1753.9	1494.2	1148.0	974.9	882.2	696.7	557.6
125°	1782.8	1912.3	1782.8	1653.4	1621.0	1400.4	1106.3	959.3	878.2	716.0	594.4
127.5°	1650.9	1760.1	1650.9	1541.7	1514.4	1325.0	1072.5	946.2	875.9	735.3	629.9
130°	1573.1	1674.0	1573.1	1472.2	1447.0	1278.4	1053.6	941.2	877.3	749.5	653.6
132.5°	1502.5	1592.9	1502.5	1412.2	1389.6	1238.7	1037.4	936.8	878.2	760.9	673.0
135°	1405.9	1483.8	1405.9	1328.0	1308.5	1182.1	1013.6	929.3	877.3	773.4	695.4
137.5°	1328.4	1392.1	1328.4	1264.6	1248.7	1141.8	999.3	928.1	882.8	792.1	724.1
140°	1275.1	1334.7	1275.1	1215.5	1200.6	1108.3	985.2	923.7	883.7	803.6	743.5
142.5°	1231.1	1282.3	1231.1	1179.8	1167.0	1085.9	977.8	923.7	886.8	813.1	757.8
145°	1165.0	1203.8	1165.0	1126.1	1116.4	1050.1	961.7	917.5	886.9	825.6	779.6
147.5°	1114.2	1146.4	1114.2	1082.0	1074.0	1021.8	952.3	917.5	893.0	843.9	807.1
150°	1082.3	1108.3	1082.3	1056.2	1049.7	1005.6	946.9	917.5	896.1	853.4	821.4
152.5°	1055.0	1074.6	1055.0	1035.3	1030.4	992.8	942.6	917.5	898.2	859.7	830.8
155°	1023.6	1036.6	1023.6	1010.6	1007.3	977.4	937.5	917.5	902.8	873.4	851.4
157.5°	998.7	1007.9	998.7	989.6	987.3	964.0	933.0	917.5	907.4	887.1	871.9
160°	983.9	989.2	983.9	978.6	977.3	957.4	930.8	917.5	909.5	893.4	881.3
162.5°	974.2	979.2	974.2	969.2	968.0	951.2	928.7	917.5	911.7	900.0	891.3
165°	960.2	965.5	960.2	954.9	953.6	941.6	925.5	917.5	914.9	909.6	905.6
167.5°	950.2	952.4	950.2	948.0	947.4	939.5	929.0	923.7	921.5	917.0	913.7
170°	947.4	947.4	947.4	947.4	947.4	939.5	929.0	923.7	923.6	923.3	923.1
172.5°	940.0	938.1	940.0	941.9	942.4	936.2	927.9	923.7	923.7	923.7	923.7
175°	935.6	935.6	935.6	935.6	935.6	931.6	926.3	923.7	924.9	927.4	929.3
177.5°	931.5	929.3	931.5	933.7	934.3	931.2	927.1	925.0	926.0	927.9	929.3
180°	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3



TEST NUMBER: P936114

CATALOG NUMBER: SQ4-FA-150U-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°	16.2	11.2	6.2	11.2	16.2	17.5	27.5	40.8	47.4	42.1	31.6
92.5°	109.8	67.3	24.9	67.3	109.8	120.4	169.2	234.3	266.9	233.9	168.0
95°	215.1	137.5	59.9	137.5	215.1	234.5	416.4	659.0	780.3	696.3	528.3
97.5°	240.5	172.0	103.5	172.0	240.5	257.6	560.9	965.4	1167.6	1114.5	1008.3
100°	261.4	199.3	137.2	199.3	261.4	276.9	613.5	1062.3	1286.7	1290.6	1298.4
102.5°	281.8	223.9	165.9	223.9	281.8	296.3	637.7	1092.8	1320.4	1388.0	1523.3
105°	312.7	263.7	214.6	263.7	312.7	325.0	655.5	1096.2	1316.6	1468.2	1771.5
107.5°	356.0	310.2	264.5	310.2	356.0	367.4	658.9	1047.5	1241.8	1453.3	1876.3
110°	380.8	339.4	298.1	339.4	380.8	391.1	653.9	1004.2	1179.4	1415.9	1888.8



TEST NUMBER: P936114

CATALOG NUMBER: SQ4-FA-150U-125D-835-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	410.0	370.6	331.2	370.6	410.0	419.8	654.1	966.5	1122.7	1364.7	1848.7
115°	453.7	417.4	381.1	417.4	453.7	462.8	660.1	923.2	1054.7	1287.8	1754.1
117.5°	496.4	463.4	430.4	463.4	496.4	504.6	672.4	896.1	1007.9	1218.3	1639.1
120°	521.1	490.1	459.0	490.1	521.1	528.9	682.3	886.9	989.2	1181.4	1565.9
122.5°	549.8	518.4	487.1	518.4	549.8	557.6	696.7	882.2	974.9	1148.0	1494.2
125°	587.3	558.7	530.2	558.7	587.3	594.4	716.0	878.2	959.3	1106.3	1400.4
127.5°	622.7	593.9	565.1	593.9	622.7	629.9	735.3	875.9	946.2	1072.5	1325.0
130°	645.8	614.8	583.8	614.8	645.8	653.6	749.5	877.3	941.2	1053.6	1278.4
132.5°	665.2	634.2	603.1	634.2	665.2	673.0	760.9	878.2	936.8	1037.4	1238.7
135°	688.3	660.1	631.8	660.1	688.3	695.4	773.4	877.3	929.3	1013.6	1182.1
137.5°	717.1	689.1	661.1	689.1	717.1	724.1	792.1	882.8	928.1	999.3	1141.8
140°	737.1	711.3	685.5	711.3	737.1	743.5	803.6	883.7	923.7	985.2	1108.3
142.5°	751.8	728.0	704.2	728.0	751.8	757.8	813.1	886.8	923.7	977.8	1085.9
145°	774.4	753.7	732.9	753.7	774.4	779.6	825.6	886.9	917.5	961.7	1050.1
147.5°	802.0	781.8	761.5	781.8	802.0	807.1	843.9	893.0	917.5	952.3	1021.8
150°	816.8	798.6	780.3	798.6	816.8	821.4	853.4	896.1	917.5	946.9	1005.6
152.5°	827.3	813.5	799.6	813.5	827.3	830.8	859.7	898.2	917.5	942.6	992.8
155°	848.8	838.6	828.3	838.6	848.8	851.4	873.4	902.8	917.5	937.5	977.4
157.5°	869.4	859.5	849.5	859.5	869.4	871.9	887.1	907.4	917.5	933.0	964.0
160°	879.4	871.6	863.8	871.6	879.4	881.3	893.4	909.5	917.5	930.8	957.4
162.5°	889.8	884.0	878.2	884.0	889.8	891.3	900.0	911.7	917.5	928.7	951.2
165°	904.3	899.0	893.8	899.0	904.3	905.6	909.6	914.9	917.5	925.5	941.6
167.5°	913.1	910.6	908.1	910.6	913.1	913.7	917.0	921.5	923.7	929.0	939.5
170°	922.5	920.0	917.5	920.0	922.5	923.1	923.3	923.6	923.7	929.0	939.5
172.5°	923.6	923.0	922.5	923.0	923.6	923.7	923.7	923.7	923.7	927.9	936.2
175°	929.3	929.3	929.3	929.3	929.3	929.3	927.4	924.9	923.7	926.3	931.6
177.5°	929.3	929.3	929.3	929.3	929.3	929.3	927.9	926.0	925.0	927.1	931.2
180°	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3



TEST NUMBER: P936114
 CATALOG NUMBER: SQ4-FA-150U-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°	23.7	23.7	23.7	23.7	23.7	23.7	23.7	31.6	42.1	47.4	40.8
92.5°	118.5	113.8	94.9	76.1	94.9	113.8	118.5	168.0	233.9	266.9	234.3
95°	402.3	388.0	330.9	273.8	330.9	388.0	402.3	528.3	696.3	780.3	659.0
97.5°	928.7	901.5	792.9	684.2	792.9	901.5	928.7	1008.3	1114.5	1167.6	965.4
100°	1304.2	1271.8	1142.4	1012.9	1142.4	1271.8	1304.2	1298.4	1290.6	1286.7	1062.3
102.5°	1624.8	1597.1	1486.2	1375.3	1486.2	1597.1	1624.8	1523.3	1388.0	1320.4	1092.8
105°	1999.0	1984.1	1924.5	1864.9	1924.5	1984.1	1999.0	1771.5	1468.2	1316.6	1096.2
107.5°	2193.6	2197.2	2211.6	2226.0	2211.6	2197.2	2193.6	1876.3	1453.3	1241.8	1047.5
110°	2243.5	2259.0	2321.1	2383.2	2321.1	2259.0	2243.5	1888.8	1415.9	1179.4	1004.2



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2211.7	2235.5	2330.9	2426.2	2330.9	2235.5	2211.7	1848.7	1364.7	1122.7	966.5
115°	2103.8	2136.9	2269.1	2401.3	2269.1	2136.9	2103.8	1754.1	1287.8	1054.7	923.2
117.5°	1954.7	1991.4	2138.0	2284.6	2138.0	1991.4	1954.7	1639.1	1218.3	1007.9	896.1
120°	1854.3	1889.9	2032.4	2174.9	2032.4	1889.9	1854.3	1565.9	1181.4	989.2	886.9
122.5°	1753.9	1789.0	1929.6	2070.1	1929.6	1789.0	1753.9	1494.2	1148.0	974.9	882.2
125°	1621.0	1653.4	1782.8	1912.3	1782.8	1653.4	1621.0	1400.4	1106.3	959.3	878.2
127.5°	1514.4	1541.7	1650.9	1760.1	1650.9	1541.7	1514.4	1325.0	1072.5	946.2	875.9
130°	1447.0	1472.2	1573.1	1674.0	1573.1	1472.2	1447.0	1278.4	1053.6	941.2	877.3
132.5°	1389.6	1412.2	1502.5	1592.9	1502.5	1412.2	1389.6	1238.7	1037.4	936.8	878.2
135°	1308.5	1328.0	1405.9	1483.8	1405.9	1328.0	1308.5	1182.1	1013.6	929.3	877.3
137.5°	1248.7	1264.6	1328.4	1392.1	1328.4	1264.6	1248.7	1141.8	999.3	928.1	882.8
140°	1200.6	1215.5	1275.1	1334.7	1275.1	1215.5	1200.6	1108.3	985.2	923.7	883.7
142.5°	1167.0	1179.8	1231.1	1282.3	1231.1	1179.8	1167.0	1085.9	977.8	923.7	886.8
145°	1116.4	1126.1	1165.0	1203.8	1165.0	1126.1	1116.4	1050.1	961.7	917.5	886.9
147.5°	1074.0	1082.0	1114.2	1146.4	1114.2	1082.0	1074.0	1021.8	952.3	917.5	893.0
150°	1049.7	1056.2	1082.3	1108.3	1082.3	1056.2	1049.7	1005.6	946.9	917.5	896.1
152.5°	1030.4	1035.3	1055.0	1074.6	1055.0	1035.3	1030.4	992.8	942.6	917.5	898.2
155°	1007.3	1010.6	1023.6	1036.6	1023.6	1010.6	1007.3	977.4	937.5	917.5	902.8
157.5°	987.3	989.6	998.7	1007.9	998.7	989.6	987.3	964.0	933.0	917.5	907.4
160°	977.3	978.6	983.9	989.2	983.9	978.6	977.3	957.4	930.8	917.5	909.5
162.5°	968.0	969.2	974.2	979.2	974.2	969.2	968.0	951.2	928.7	917.5	911.7
165°	953.6	954.9	960.2	965.5	960.2	954.9	953.6	941.6	925.5	917.5	914.9
167.5°	947.4	948.0	950.2	952.4	950.2	948.0	947.4	939.5	929.0	923.7	921.5
170°	947.4	947.4	947.4	947.4	947.4	947.4	947.4	939.5	929.0	923.7	923.6
172.5°	942.4	941.9	940.0	938.1	940.0	941.9	942.4	936.2	927.9	923.7	923.7
175°	935.6	935.6	935.6	935.6	935.6	935.6	935.6	931.6	926.3	923.7	924.9
177.5°	934.3	933.7	931.5	929.3	931.5	933.7	934.3	931.2	927.1	925.0	926.0
180°	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3



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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°	27.5	17.5	16.2	11.2	6.2
92.5°	169.2	120.4	109.8	67.3	24.9
95°	416.4	234.5	215.1	137.5	59.9
97.5°	560.9	257.6	240.5	172.0	103.5
100°	613.5	276.9	261.4	199.3	137.2
102.5°	637.7	296.3	281.8	223.9	165.9
105°	655.5	325.0	312.7	263.7	214.6
107.5°	658.9	367.4	356.0	310.2	264.5
110°	653.9	391.1	380.8	339.4	298.1



TEST NUMBER: P936114

CATALOG NUMBER: SQ4-FA-150U-125D-835-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	654.1	419.8	410.0	370.6	331.2
115°	660.1	462.8	453.7	417.4	381.1
117.5°	672.4	504.6	496.4	463.4	430.4
120°	682.3	528.9	521.1	490.1	459.0
122.5°	696.7	557.6	549.8	518.4	487.1
125°	716.0	594.4	587.3	558.7	530.2
127.5°	735.3	629.9	622.7	593.9	565.1
130°	749.5	653.6	645.8	614.8	583.8
132.5°	760.9	673.0	665.2	634.2	603.1
135°	773.4	695.4	688.3	660.1	631.8
137.5°	792.1	724.1	717.1	689.1	661.1
140°	803.6	743.5	737.1	711.3	685.5
142.5°	813.1	757.8	751.8	728.0	704.2
145°	825.6	779.6	774.4	753.7	732.9
147.5°	843.9	807.1	802.0	781.8	761.5
150°	853.4	821.4	816.8	798.6	780.3
152.5°	859.7	830.8	827.3	813.5	799.6
155°	873.4	851.4	848.8	838.6	828.3
157.5°	887.1	871.9	869.4	859.5	849.5
160°	893.4	881.3	879.4	871.6	863.8
162.5°	900.0	891.3	889.8	884.0	878.2
165°	909.6	905.6	904.3	899.0	893.8
167.5°	917.0	913.7	913.1	910.6	908.1
170°	923.3	923.1	922.5	920.0	917.5
172.5°	923.7	923.7	923.6	923.0	922.5
175°	927.4	929.3	929.3	929.3	929.3
177.5°	927.9	929.3	929.3	929.3	929.3
180°	929.3	929.3	929.3	929.3	929.3



TEST NUMBER: P936114
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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	13.92	14.73	14.93	15.75	17.11	16.72	17.53	17.73	18.55	19.91
	3H	14.40	15.12	15.42	16.15	17.53	18.05	18.77	19.07	19.80	21.19
	4H	14.59	15.27	15.62	16.30	17.69	18.49	19.17	19.52	20.20	21.59
	6H	14.70	15.33	15.75	16.37	17.77	18.76	19.39	19.81	20.43	21.83
	8H	14.70	15.30	15.75	16.35	17.75	18.83	19.43	19.88	20.48	21.88
	12H	14.67	15.24	15.72	16.29	17.71	18.86	19.43	19.92	20.48	21.90
4H	2H	14.94	15.63	15.98	16.66	18.05	17.13	17.81	18.17	18.84	20.23
	3H	15.96	16.53	17.01	17.59	19.00	18.62	19.19	19.66	20.25	21.65
	4H	16.24	16.76	17.29	17.81	19.23	19.14	19.66	20.19	20.71	22.13
	6H	16.36	16.81	17.42	17.88	19.30	19.49	19.94	20.55	21.01	22.43
	8H	16.36	16.78	17.43	17.85	19.28	19.59	20.01	20.66	21.08	22.51
	12H	16.33	16.71	17.41	17.79	19.23	19.64	20.02	20.72	21.10	22.54
8H	4H	16.68	17.10	17.75	18.17	19.60	19.26	19.67	20.32	20.74	22.18
	6H	16.94	17.29	18.03	18.40	19.83	19.68	20.03	20.77	21.14	22.57
	8H	16.98	17.29	18.08	18.38	19.83	19.83	20.13	20.92	21.22	22.68
	12H	16.96	17.23	18.06	18.32	19.81	19.92	20.19	21.02	21.27	22.76
12H	4H	16.68	17.06	17.77	18.14	19.58	19.22	19.60	20.30	20.68	22.12
	6H	17.00	17.30	18.09	18.40	19.85	19.68	19.98	20.77	21.08	22.53
	8H	17.06	17.33	18.16	18.42	19.91	19.83	20.10	20.93	21.19	22.68