

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: P936071

Luminaire Tested: SQ4-FA-150U-100D-935-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P936071
REPORT IS A COMBINATION OF REPORTS P933779 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-100D-935-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

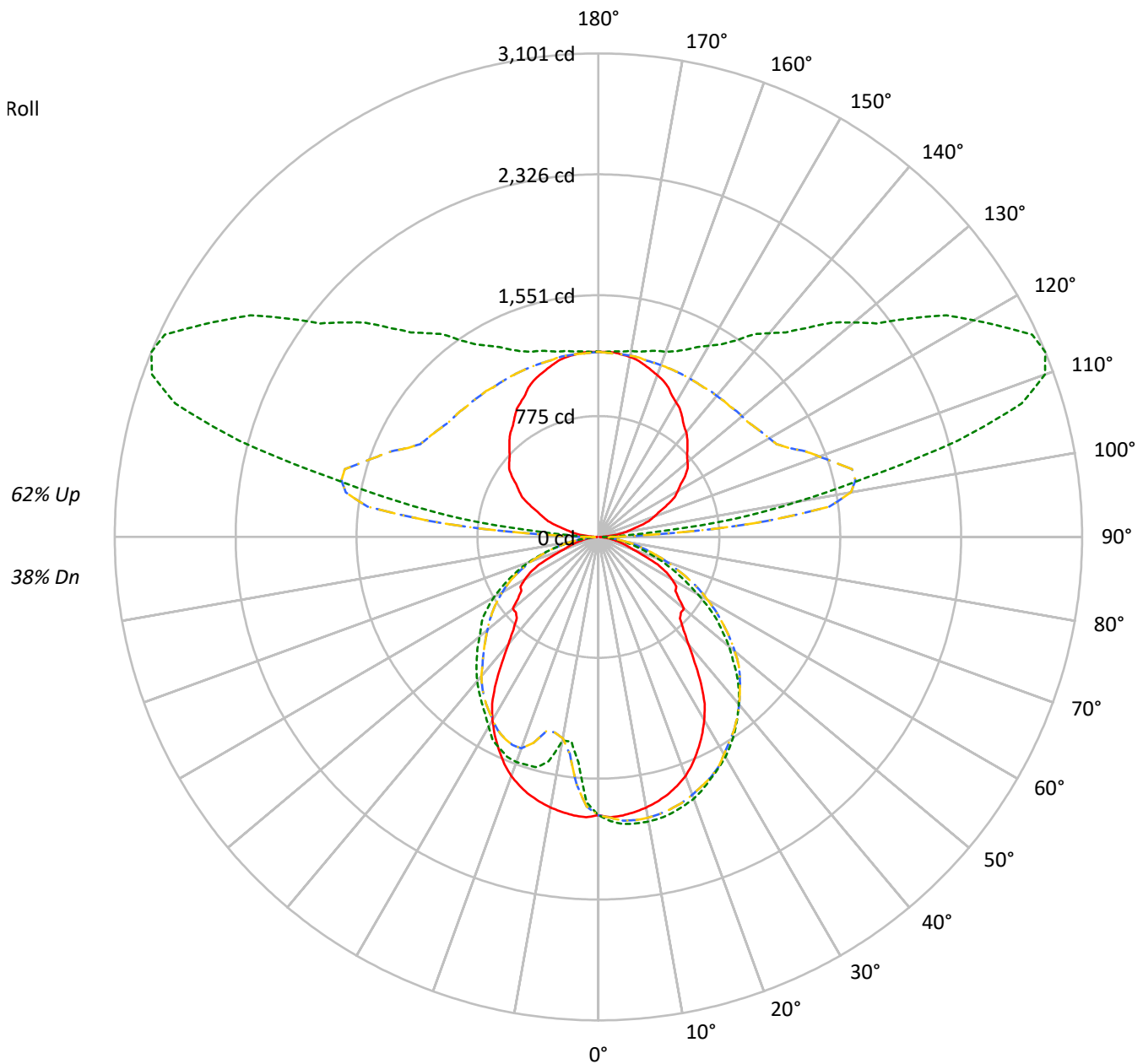
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12331.0 lumens
Efficiency: N/A
Efficacy: 113.5 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: Semi-Indirect

Input Watts (W): 108.6
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	104	104	104	104	94	94	94	94	76	76	76	60	60	60	45	45	45	38				38
1	95	91	87	84	86	83	79	76	67	65	63	53	51	50	40	39	38	32				32
2	87	79	73	68	78	72	67	63	59	55	52	46	44	42	35	33	32	27				27
3	79	70	62	57	71	63	57	52	52	47	44	41	38	35	31	29	27	23				23
4	72	62	54	48	65	56	49	44	46	41	37	36	33	30	28	25	23	19				19
5	66	55	47	41	60	50	43	38	41	36	32	33	29	26	25	22	20	17				17
6	61	49	41	35	55	45	38	33	37	32	28	29	26	23	22	20	18	15				15
7	56	44	36	31	51	40	34	29	33	28	24	27	23	20	20	18	16	13				13
8	52	40	32	27	47	37	30	25	30	25	21	24	21	18	19	16	14	12				12
9	48	36	29	24	44	33	27	22	28	23	19	22	19	16	17	15	13	10				10
10	45	33	26	21	41	31	24	20	25	21	17	21	17	14	16	13	11	9				9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11040	11040	11040	11040
5°	11118	11144	11118	8763
10°	11040	10978	11040	7848
15°	10916	10740	10916	8968
20°	10684	10458	10684	8987
25°	10212	10047	10212	8796
30°	9604	9706	9604	8378
35°	8558	9274	8558	7919
40°	7127	8767	7127	7572
45°	6363	8172	6363	7172
50°	6756	7463	6756	6772
55°	6350	6698	6350	6540
60°	6538	5689	6538	5990
65°	5919	4702	5919	5257
70°	4087	3748	4087	4406
75°	3571	2771	3571	3318
80°	2858	1832	2858	1995
85°	1610	971	1610	824

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 9760 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	161.1	1.3
10°-20°	457.4	3.7
20°-30°	707.0	5.7
30°-40°	844.1	6.8
40°-50°	849.0	6.9
50°-60°	738.7	6.0
60°-70°	523.8	4.2
70°-80°	277.1	2.2
80°-90°	73.5	0.6
90°-100°	578.9	4.7
100°-110°	1522.0	12.3
110°-120°	1578.2	12.8
120°-130°	1265.9	10.3
130°-140°	993.3	8.1
140°-150°	762.4	6.2
150°-160°	549.0	4.5
160°-170°	335.9	2.7
170°-180°	113.5	0.9
0°-30°	1325.5	10.7
0°-40°	2169.6	17.6
0°-60°	3757.3	30.5
0°-90°	4631.8	37.6
90°-120°	3679.2	29.8
90°-150°	6700.8	54.3
90°-180°	7699.0	62.4
0°-180°	12331.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1785	1785	1785	1785	1785	
5°	1793	1849	1793	1454	1793	170
15°	1712	1832	1712	1530	1712	482
25°	1508	1709	1508	1496	1508	692
35°	1146	1525	1146	1302	1146	709
45°	740	1256	740	1102	740	592
55°	603	927	603	905	603	554
65°	419	559	419	625	419	400
75°	159	265	159	318	159	167
85°	27	68	27	57	27	36
90°	8	30	8	30	8	8
95°	76	350	76	350	76	85
105°	274	2383	274	2383	274	291
115°	487	3069	487	3069	487	481
125°	678	2444	678	2444	678	602
135°	807	1896	807	1896	807	625
145°	937	1538	937	1538	937	587
155°	1058	1325	1058	1325	1058	486
165°	1142	1234	1142	1234	1142	322
175°	1188	1196	1188	1196	1188	113
180°	1188	1188	1188	1188	1188	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6
2.5°	1799.8	1799.8	1810.0	1813.3	1813.3	1808.3	1803.2	1808.3	1823.5	1828.6	1826.9
5°	1793.0	1806.6	1825.2	1828.6	1831.9	1830.2	1826.9	1830.2	1847.1	1850.5	1852.2
7.5°	1779.6	1804.9	1828.6	1833.6	1838.6	1833.6	1831.9	1835.3	1852.2	1855.6	1855.6
10°	1762.7	1798.1	1825.2	1828.6	1833.6	1828.6	1828.6	1835.3	1852.2	1855.6	1857.2
12.5°	1739.0	1788.0	1813.3	1816.7	1823.5	1821.7	1820.0	1826.9	1843.7	1847.1	1847.1
15°	1712.0	1769.4	1793.0	1796.4	1808.3	1804.9	1804.9	1811.6	1830.2	1835.3	1833.6
17.5°	1674.9	1745.7	1772.8	1777.9	1786.3	1784.6	1786.3	1793.0	1810.0	1813.3	1815.0
20°	1632.7	1713.7	1745.7	1750.9	1759.3	1759.3	1759.3	1767.7	1784.6	1791.4	1791.4
22.5°	1575.3	1680.0	1713.7	1717.1	1727.3	1727.3	1730.6	1742.4	1757.6	1759.3	1759.3
25°	1507.7	1642.8	1671.5	1681.6	1691.7	1696.8	1701.9	1708.7	1713.7	1712.0	1713.7
27.5°	1436.8	1595.5	1632.7	1639.4	1653.0	1658.0	1664.7	1666.4	1668.1	1673.2	1669.8
30°	1357.5	1529.7	1585.4	1592.1	1614.1	1617.4	1610.7	1614.1	1622.5	1626.0	1629.3
32.5°	1267.9	1431.8	1536.4	1551.7	1571.9	1561.7	1560.1	1565.1	1578.7	1578.7	1582.0
35°	1146.5	1355.8	1490.8	1504.4	1519.5	1507.7	1514.5	1516.1	1524.6	1529.7	1528.0
37.5°	1013.0	1289.9	1443.5	1453.7	1465.5	1450.4	1460.4	1465.5	1472.3	1468.9	1468.9
40°	894.9	1186.9	1387.8	1394.6	1404.8	1392.9	1403.1	1406.4	1409.8	1406.4	1404.8
42.5°	807.0	1073.8	1328.8	1337.2	1330.5	1338.9	1342.2	1349.1	1343.9	1337.2	1337.2
45°	739.5	1043.4	1264.6	1274.8	1264.6	1278.1	1283.2	1283.2	1267.9	1264.6	1262.9
47.5°	717.6	982.6	1200.5	1200.5	1195.4	1212.2	1220.7	1208.9	1193.7	1188.6	1188.6
50°	715.9	915.1	1112.6	1105.9	1129.5	1149.8	1141.3	1129.5	1117.7	1099.2	1099.2
52.5°	650.0	832.4	999.5	1024.9	1062.0	1073.8	1060.3	1048.5	1028.2	1019.8	1013.0
55°	602.8	746.3	896.6	947.2	986.0	1001.2	975.9	964.0	933.7	928.6	925.3
57.5°	592.7	621.4	802.0	866.1	913.4	911.7	896.6	874.6	849.3	844.2	842.5
60°	543.7	449.1	700.7	776.7	825.6	820.6	807.0	786.8	763.1	759.8	756.4
62.5°	493.0	325.9	585.8	672.0	741.2	739.5	727.7	697.3	680.4	672.0	665.2
65°	418.8	273.5	417.1	558.8	658.5	661.8	636.5	614.5	596.0	585.8	584.2
67.5°	319.1	222.9	281.9	466.0	579.1	575.8	543.7	533.5	509.9	504.8	494.7
70°	236.3	148.6	195.9	378.2	501.5	493.0	467.7	455.9	433.9	422.1	415.4
72.5°	195.9	119.9	143.5	293.8	422.1	411.9	390.0	376.5	357.9	347.8	341.1
75°	158.7	126.6	109.7	217.8	342.8	336.0	315.8	302.2	287.0	273.5	275.2
77.5°	116.5	118.2	87.8	160.4	271.8	261.7	249.9	233.0	226.2	212.7	212.7
80°	87.8	92.9	65.9	109.7	195.9	195.9	185.7	173.9	162.1	155.3	155.3
82.5°	59.1	59.1	49.0	69.2	133.4	128.3	121.6	118.2	111.4	108.0	108.0
85°	27.0	33.7	30.4	42.2	72.6	76.0	76.0	72.6	70.9	67.6	69.2
87.5°	8.4	15.2	18.6	23.6	37.1	38.9	40.6	40.6	40.6	42.2	42.2
90°	8.0	14.4	20.7	22.3	35.1	52.1	60.6	53.8	40.4	30.3	30.3
92.5°	31.9	86.1	140.3	153.9	216.3	299.6	341.1	299.0	214.7	151.5	145.4
95°	76.5	175.7	274.9	299.7	532.2	842.2	997.2	889.8	675.1	514.1	495.9
97.5°	132.3	219.8	307.3	329.2	716.9	1233.8	1492.2	1424.4	1288.6	1186.9	1152.2
100°	175.3	254.7	334.1	353.9	784.1	1357.7	1644.4	1649.4	1659.4	1666.8	1625.4
102.5°	212.1	286.1	360.1	378.6	814.9	1396.6	1687.5	1773.9	1946.7	2076.4	2041.0
105°	274.2	336.9	399.6	415.3	837.8	1401.0	1682.7	1876.4	2264.0	2554.7	2535.6
107.5°	338.0	396.4	454.9	469.5	841.9	1338.7	1587.0	1857.4	2398.0	2803.4	2808.0
110°	381.0	433.8	486.6	499.8	835.6	1283.4	1507.3	1809.5	2413.9	2867.2	2887.0



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	423.3	473.5	523.8	536.4	835.9	1235.1	1434.8	1744.0	2362.6	2826.5	2857.0
115°	487.0	533.4	579.9	591.5	843.6	1179.8	1347.9	1645.8	2241.7	2688.6	2730.8
117.5°	550.0	592.1	634.3	644.9	859.3	1145.2	1288.1	1557.0	2094.7	2498.1	2544.9
120°	586.7	626.4	666.1	676.0	872.0	1133.5	1264.2	1509.9	2001.3	2369.8	2415.2
122.5°	622.6	662.6	702.6	712.6	890.3	1127.4	1245.9	1467.1	1909.6	2241.4	2286.3
125°	677.5	714.0	750.5	759.6	915.0	1122.3	1225.9	1413.9	1789.7	2071.6	2113.0
127.5°	722.2	759.0	795.9	805.1	939.8	1119.4	1209.2	1370.5	1693.3	1935.3	1970.2
130°	746.1	785.8	825.5	835.4	957.9	1121.2	1202.9	1346.5	1633.8	1849.3	1881.5
132.5°	770.8	810.5	850.2	860.1	972.5	1122.3	1197.2	1325.8	1583.0	1775.9	1804.8
135°	807.4	843.6	879.8	888.8	988.4	1121.2	1187.7	1295.4	1510.8	1672.3	1697.2
137.5°	844.9	880.7	916.5	925.4	1012.3	1128.1	1186.1	1277.1	1459.2	1595.8	1616.2
140°	876.0	909.0	941.9	950.2	1026.9	1129.3	1180.5	1259.2	1416.4	1534.5	1553.5
142.5°	899.9	930.4	960.9	968.5	1039.2	1133.4	1180.5	1249.6	1387.7	1491.3	1507.7
145°	936.6	963.2	989.8	996.4	1055.1	1133.4	1172.5	1229.0	1342.1	1426.8	1439.2
147.5°	973.2	999.1	1025.0	1031.4	1078.5	1141.2	1172.5	1217.0	1305.9	1372.6	1382.9
150°	997.2	1020.5	1043.9	1049.7	1090.6	1145.3	1172.5	1210.1	1285.2	1341.5	1349.8
152.5°	1021.9	1039.6	1057.3	1061.8	1098.7	1147.9	1172.5	1204.6	1268.7	1316.8	1323.1
155°	1058.5	1071.6	1084.8	1088.0	1116.2	1153.8	1172.5	1198.0	1249.0	1287.3	1291.5
157.5°	1085.6	1098.4	1111.2	1114.3	1133.8	1159.6	1172.5	1192.4	1232.1	1261.8	1264.7
160°	1104.0	1113.9	1123.8	1126.3	1141.7	1162.2	1172.5	1189.6	1223.6	1249.0	1250.7
162.5°	1122.3	1129.8	1137.2	1139.0	1150.2	1165.1	1172.5	1186.8	1215.5	1237.1	1238.7
165°	1142.3	1149.0	1155.7	1157.4	1162.4	1169.1	1172.5	1182.8	1203.4	1218.8	1220.5
167.5°	1160.6	1163.7	1167.0	1167.8	1172.0	1177.7	1180.5	1187.3	1200.7	1210.8	1211.5
170°	1172.5	1175.7	1178.9	1179.7	1179.9	1180.4	1180.5	1187.3	1200.7	1210.8	1210.8
172.5°	1178.9	1179.6	1180.4	1180.5	1180.5	1180.5	1180.5	1185.8	1196.5	1204.4	1203.8
175°	1187.7	1187.7	1187.7	1187.7	1185.3	1182.1	1180.5	1183.9	1190.6	1195.6	1195.6
177.5°	1187.7	1187.7	1187.7	1187.7	1185.8	1183.3	1182.1	1184.7	1190.1	1194.1	1193.4
180°	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6
2.5°	1830.2	1825.2	1830.2	1826.9	1828.6	1823.5	1808.3	1803.2	1808.3	1813.3	1813.3
5°	1852.2	1848.8	1852.2	1852.2	1850.5	1847.1	1830.2	1826.9	1830.2	1831.9	1828.6
7.5°	1858.9	1853.9	1858.9	1855.6	1855.6	1852.2	1835.3	1831.9	1833.6	1838.6	1833.6
10°	1858.9	1853.9	1858.9	1857.2	1855.6	1852.2	1835.3	1828.6	1828.6	1833.6	1828.6
12.5°	1850.5	1847.1	1850.5	1847.1	1847.1	1843.7	1826.9	1820.0	1821.7	1823.5	1816.7
15°	1837.0	1831.9	1837.0	1833.6	1835.3	1830.2	1811.6	1804.9	1804.9	1808.3	1796.4
17.5°	1816.7	1810.0	1816.7	1815.0	1813.3	1810.0	1793.0	1786.3	1784.6	1786.3	1777.9
20°	1793.0	1788.0	1793.0	1791.4	1791.4	1784.6	1767.7	1759.3	1759.3	1759.3	1750.9
22.5°	1755.9	1750.9	1755.9	1759.3	1759.3	1757.6	1742.4	1730.6	1727.3	1727.3	1717.1
25°	1713.7	1708.7	1713.7	1713.7	1712.0	1713.7	1708.7	1701.9	1696.8	1691.7	1681.6
27.5°	1673.2	1669.8	1673.2	1669.8	1673.2	1668.1	1666.4	1664.7	1658.0	1653.0	1639.4
30°	1632.7	1629.3	1632.7	1629.3	1626.0	1622.5	1614.1	1610.7	1617.4	1614.1	1592.1
32.5°	1582.0	1578.7	1582.0	1582.0	1578.7	1578.7	1565.1	1560.1	1561.7	1571.9	1551.7
35°	1529.7	1524.6	1529.7	1528.0	1529.7	1524.6	1516.1	1514.5	1507.7	1519.5	1504.4
37.5°	1468.9	1463.8	1468.9	1468.9	1468.9	1472.3	1465.5	1460.4	1450.4	1465.5	1453.7
40°	1406.4	1399.7	1406.4	1404.8	1406.4	1409.8	1406.4	1403.1	1392.9	1404.8	1394.6
42.5°	1335.5	1333.8	1335.5	1337.2	1337.2	1343.9	1349.1	1342.2	1338.9	1330.5	1337.2
45°	1259.5	1256.2	1259.5	1262.9	1264.6	1267.9	1283.2	1283.2	1278.1	1264.6	1274.8
47.5°	1178.5	1170.1	1178.5	1188.6	1188.6	1193.7	1208.9	1220.7	1212.2	1195.4	1200.5
50°	1092.3	1094.1	1092.3	1099.2	1099.2	1117.7	1129.5	1141.3	1149.8	1129.5	1105.9
52.5°	1008.0	1006.3	1008.0	1013.0	1019.8	1028.2	1048.5	1060.3	1073.8	1062.0	1024.9
55°	923.6	926.9	923.6	925.3	928.6	933.7	964.0	975.9	1001.2	986.0	947.2
57.5°	839.1	834.0	839.1	842.5	844.2	849.3	874.6	896.6	911.7	913.4	866.1
60°	741.2	734.4	741.2	756.4	759.8	763.1	786.8	807.0	820.6	825.6	776.7
62.5°	655.1	643.3	655.1	665.2	672.0	680.4	697.3	727.7	739.5	741.2	672.0
65°	563.9	558.8	563.9	584.2	585.8	596.0	614.5	636.5	661.8	658.5	558.8
67.5°	481.2	481.2	481.2	494.7	504.8	509.9	533.5	543.7	575.8	579.1	466.0
70°	405.2	403.5	405.2	415.4	422.1	433.9	455.9	467.7	493.0	501.5	378.2
72.5°	332.6	330.9	332.6	341.1	347.8	357.9	376.5	390.0	411.9	422.1	293.8
75°	268.5	265.1	268.5	275.2	273.5	287.0	302.2	315.8	336.0	342.8	217.8
77.5°	206.0	206.0	206.0	212.7	212.7	226.2	233.0	249.9	261.7	271.8	160.4
80°	153.6	152.0	153.6	155.3	155.3	162.1	173.9	185.7	195.9	195.9	109.7
82.5°	108.0	104.7	108.0	108.0	108.0	111.4	118.2	121.6	128.3	133.4	69.2
85°	67.6	67.6	67.6	69.2	67.6	70.9	72.6	76.0	76.0	72.6	42.2
87.5°	43.9	42.2	43.9	42.2	42.2	40.6	40.6	40.6	38.9	37.1	23.6
90°	30.3	30.3	30.3	30.3	30.3	40.4	53.8	60.6	52.1	35.1	22.3
92.5°	121.3	97.2	121.3	145.4	151.5	214.7	299.0	341.1	299.6	216.3	153.9
95°	422.8	349.9	422.8	495.9	514.1	675.1	889.8	997.2	842.2	532.2	299.7
97.5°	1013.3	874.4	1013.3	1152.2	1186.9	1288.6	1424.4	1492.2	1233.8	716.9	329.2
100°	1460.0	1294.5	1460.0	1625.4	1666.8	1659.4	1649.4	1644.4	1357.7	784.1	353.9
102.5°	1899.3	1757.6	1899.3	2041.0	2076.4	1946.7	1773.9	1687.5	1396.6	814.9	378.6
105°	2459.5	2383.3	2459.5	2535.6	2554.7	2264.0	1876.4	1682.7	1401.0	837.8	415.3
107.5°	2826.4	2844.8	2826.4	2808.0	2803.4	2398.0	1857.4	1587.0	1338.7	841.9	469.5
110°	2966.3	3045.7	2966.3	2887.0	2867.2	2413.9	1809.5	1507.3	1283.4	835.6	499.8



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2978.8	3100.7	2978.8	2857.0	2826.5	2362.6	1744.0	1434.8	1235.1	835.9	536.4
115°	2899.8	3068.8	2899.8	2730.8	2688.6	2241.7	1645.8	1347.9	1179.8	843.6	591.5
117.5°	2732.4	2919.8	2732.4	2544.9	2498.1	2094.7	1557.0	1288.1	1145.2	859.3	644.9
120°	2597.4	2779.5	2597.4	2415.2	2369.8	2001.3	1509.9	1264.2	1133.5	872.0	676.0
122.5°	2465.9	2645.5	2465.9	2286.3	2241.4	1909.6	1467.1	1245.9	1127.4	890.3	712.6
125°	2278.4	2443.9	2278.4	2113.0	2071.6	1789.7	1413.9	1225.9	1122.3	915.0	759.6
127.5°	2109.8	2249.5	2109.8	1970.2	1935.3	1693.3	1370.5	1209.2	1119.4	939.8	805.1
130°	2010.5	2139.4	2010.5	1881.5	1849.3	1633.8	1346.5	1202.9	1121.2	957.9	835.4
132.5°	1920.2	2035.8	1920.2	1804.8	1775.9	1583.0	1325.8	1197.2	1122.3	972.5	860.1
135°	1796.8	1896.3	1796.8	1697.2	1672.3	1510.8	1295.4	1187.7	1121.2	988.4	888.8
137.5°	1697.7	1779.1	1697.7	1616.2	1595.8	1459.2	1277.1	1186.1	1128.1	1012.3	925.4
140°	1629.6	1705.8	1629.6	1553.5	1534.5	1416.4	1259.2	1180.5	1129.3	1026.9	950.2
142.5°	1573.3	1638.8	1573.3	1507.7	1491.3	1387.7	1249.6	1180.5	1133.4	1039.2	968.5
145°	1488.8	1538.4	1488.8	1439.2	1426.8	1342.1	1229.0	1172.5	1133.4	1055.1	996.4
147.5°	1423.9	1465.1	1423.9	1382.9	1372.6	1305.9	1217.0	1172.5	1141.2	1078.5	1031.4
150°	1383.1	1416.4	1383.1	1349.8	1341.5	1285.2	1210.1	1172.5	1145.3	1090.6	1049.7
152.5°	1348.2	1373.4	1348.2	1323.1	1316.8	1268.7	1204.6	1172.5	1147.9	1098.7	1061.8
155°	1308.1	1324.8	1308.1	1291.5	1287.3	1249.0	1198.0	1172.5	1153.8	1116.2	1088.0
157.5°	1276.5	1288.1	1276.5	1264.7	1261.8	1232.1	1192.4	1172.5	1159.6	1133.8	1114.3
160°	1257.5	1264.2	1257.5	1250.7	1249.0	1223.6	1189.6	1172.5	1162.2	1141.7	1126.3
162.5°	1245.0	1251.4	1245.0	1238.7	1237.1	1215.5	1186.8	1172.5	1165.1	1150.2	1139.0
165°	1227.1	1233.9	1227.1	1220.5	1218.8	1203.4	1182.8	1172.5	1169.1	1162.4	1157.4
167.5°	1214.4	1217.2	1214.4	1211.5	1210.8	1200.7	1187.3	1180.5	1177.7	1172.0	1167.8
170°	1210.8	1210.8	1210.8	1210.8	1210.8	1200.7	1187.3	1180.5	1180.4	1179.9	1179.7
172.5°	1201.3	1198.8	1201.3	1203.8	1204.4	1196.5	1185.8	1180.5	1180.5	1180.5	1180.5
175°	1195.6	1195.6	1195.6	1195.6	1195.6	1190.6	1183.9	1180.5	1182.1	1185.3	1187.7
177.5°	1190.5	1187.7	1190.5	1193.4	1194.1	1190.1	1184.7	1182.1	1183.3	1185.8	1187.7
180°	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6
2.5°	1810.0	1799.8	1799.8	1782.9	1776.2	1771.1	1762.7	1737.3	1730.6	1723.9	1734.0
5°	1825.2	1806.6	1793.0	1762.7	1737.3	1727.3	1695.1	1634.4	1593.8	1563.4	1546.6
7.5°	1828.6	1804.9	1779.6	1732.3	1671.5	1644.4	1546.6	1435.1	1404.8	1377.7	1360.8
10°	1825.2	1798.1	1762.7	1691.7	1548.3	1501.0	1403.1	1330.5	1311.9	1306.8	1311.9
12.5°	1813.3	1788.0	1739.0	1620.8	1419.9	1387.8	1330.5	1288.2	1284.9	1293.3	1338.9
15°	1793.0	1769.4	1712.0	1526.3	1349.1	1325.4	1284.9	1269.7	1288.2	1347.4	1484.1
17.5°	1772.8	1745.7	1674.9	1433.4	1295.0	1278.1	1249.4	1279.8	1384.5	1463.8	1509.4
20°	1745.7	1713.7	1632.7	1365.9	1256.2	1240.9	1227.5	1364.2	1443.5	1472.3	1497.6
22.5°	1713.7	1680.0	1575.3	1318.6	1215.6	1203.8	1212.2	1411.5	1443.5	1463.8	1485.8
25°	1671.5	1642.8	1507.7	1281.5	1183.6	1170.1	1202.2	1406.4	1425.0	1430.1	1474.0
27.5°	1632.7	1595.5	1436.8	1247.8	1144.7	1139.6	1210.6	1384.5	1398.0	1403.1	1450.4
30°	1585.4	1529.7	1357.5	1212.2	1104.2	1102.5	1212.2	1357.5	1354.1	1367.6	1414.8
32.5°	1536.4	1431.8	1267.9	1168.3	1065.3	1063.7	1200.5	1316.9	1313.5	1332.1	1367.6
35°	1490.8	1355.8	1146.5	1117.7	1016.4	1018.1	1171.8	1269.7	1271.4	1288.2	1310.2
37.5°	1443.5	1289.9	1013.0	1062.0	969.2	969.2	1132.9	1225.8	1222.4	1227.5	1257.8
40°	1387.8	1186.9	894.9	989.4	925.3	920.2	1085.6	1178.5	1166.6	1165.0	1207.2
42.5°	1328.8	1073.8	807.0	893.2	874.6	867.8	1028.2	1121.1	1099.2	1104.2	1158.2
45°	1264.6	1043.4	739.5	754.7	822.3	817.2	965.7	1055.2	1040.0	1053.6	1109.3
47.5°	1200.5	982.6	717.6	626.4	766.5	764.8	896.6	991.0	982.6	996.2	1055.2
50°	1112.6	915.1	715.9	536.9	704.1	710.8	813.8	928.6	928.6	940.4	1002.9
52.5°	999.5	832.4	650.0	486.2	631.4	651.7	741.2	874.6	878.0	889.7	945.5
55°	896.6	746.3	602.8	447.4	545.4	589.2	670.3	818.9	825.6	837.4	888.1
57.5°	802.0	621.4	592.7	401.8	466.0	508.2	607.8	764.8	768.2	778.4	827.3
60°	700.7	449.1	543.7	352.9	396.8	428.8	550.4	700.7	712.5	719.3	761.4
62.5°	585.8	325.9	493.0	319.1	363.0	369.8	503.1	639.9	655.1	660.1	685.5
65°	417.1	273.5	418.8	290.4	327.5	329.2	452.5	577.4	590.9	599.4	618.0
67.5°	281.9	222.9	319.1	263.4	300.5	302.2	403.5	504.8	523.4	530.1	542.0
70°	195.9	148.6	236.3	234.7	270.2	273.5	351.2	439.0	455.9	460.9	467.7
72.5°	143.5	119.9	195.9	211.0	238.0	241.5	297.2	364.7	381.6	386.6	390.0
75°	109.7	126.6	158.7	184.0	202.6	204.3	243.2	297.2	308.9	312.3	314.0
77.5°	87.8	118.2	116.5	148.6	165.5	162.1	190.8	229.6	239.8	239.8	239.8
80°	65.9	92.9	87.8	106.3	121.6	118.2	136.7	163.8	167.2	170.5	168.9
82.5°	49.0	59.1	59.1	67.6	81.0	77.7	91.2	106.3	106.3	106.3	109.7
85°	30.4	33.7	27.0	35.4	45.6	43.9	50.7	57.4	59.1	59.1	55.7
87.5°	18.6	15.2	8.4	13.5	20.3	20.3	23.6	25.3	23.6	23.6	23.6
90°	20.7	14.4	8.0	14.4	20.7	22.3	35.1	52.1	60.6	53.8	40.4
92.5°	140.3	86.1	31.9	86.1	140.3	153.9	216.3	299.6	341.1	299.0	214.7
95°	274.9	175.7	76.5	175.7	274.9	299.7	532.2	842.2	997.2	889.8	675.1
97.5°	307.3	219.8	132.3	219.8	307.3	329.2	716.9	1233.8	1492.2	1424.4	1288.6
100°	334.1	254.7	175.3	254.7	334.1	353.9	784.1	1357.7	1644.4	1649.4	1659.4
102.5°	360.1	286.1	212.1	286.1	360.1	378.6	814.9	1396.6	1687.5	1773.9	1946.7
105°	399.6	336.9	274.2	336.9	399.6	415.3	837.8	1401.0	1682.7	1876.4	2264.0
107.5°	454.9	396.4	338.0	396.4	454.9	469.5	841.9	1338.7	1587.0	1857.4	2398.0
110°	486.6	433.8	381.0	433.8	486.6	499.8	835.6	1283.4	1507.3	1809.5	2413.9



TEST NUMBER: P936071

CATALOG NUMBER: SQ4-FA-150U-100D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	523.8	473.5	423.3	473.5	523.8	536.4	835.9	1235.1	1434.8	1744.0	2362.6
115°	579.9	533.4	487.0	533.4	579.9	591.5	843.6	1179.8	1347.9	1645.8	2241.7
117.5°	634.3	592.1	550.0	592.1	634.3	644.9	859.3	1145.2	1288.1	1557.0	2094.7
120°	666.1	626.4	586.7	626.4	666.1	676.0	872.0	1133.5	1264.2	1509.9	2001.3
122.5°	702.6	662.6	622.6	662.6	702.6	712.6	890.3	1127.4	1245.9	1467.1	1909.6
125°	750.5	714.0	677.5	714.0	750.5	759.6	915.0	1122.3	1225.9	1413.9	1789.7
127.5°	795.9	759.0	722.2	759.0	795.9	805.1	939.8	1119.4	1209.2	1370.5	1693.3
130°	825.5	785.8	746.1	785.8	825.5	835.4	957.9	1121.2	1202.9	1346.5	1633.8
132.5°	850.2	810.5	770.8	810.5	850.2	860.1	972.5	1122.3	1197.2	1325.8	1583.0
135°	879.8	843.6	807.4	843.6	879.8	888.8	988.4	1121.2	1187.7	1295.4	1510.8
137.5°	916.5	880.7	844.9	880.7	916.5	925.4	1012.3	1128.1	1186.1	1277.1	1459.2
140°	941.9	909.0	876.0	909.0	941.9	950.2	1026.9	1129.3	1180.5	1259.2	1416.4
142.5°	960.9	930.4	899.9	930.4	960.9	968.5	1039.2	1133.4	1180.5	1249.6	1387.7
145°	989.8	963.2	936.6	963.2	989.8	996.4	1055.1	1133.4	1172.5	1229.0	1342.1
147.5°	1025.0	999.1	973.2	999.1	1025.0	1031.4	1078.5	1141.2	1172.5	1217.0	1305.9
150°	1043.9	1020.5	997.2	1020.5	1043.9	1049.7	1090.6	1145.3	1172.5	1210.1	1285.2
152.5°	1057.3	1039.6	1021.9	1039.6	1057.3	1061.8	1098.7	1147.9	1172.5	1204.6	1268.7
155°	1084.8	1071.6	1058.5	1071.6	1084.8	1088.0	1116.2	1153.8	1172.5	1198.0	1249.0
157.5°	1111.2	1098.4	1085.6	1098.4	1111.2	1114.3	1133.8	1159.6	1172.5	1192.4	1232.1
160°	1123.8	1113.9	1104.0	1113.9	1123.8	1126.3	1141.7	1162.2	1172.5	1189.6	1223.6
162.5°	1137.2	1129.8	1122.3	1129.8	1137.2	1139.0	1150.2	1165.1	1172.5	1186.8	1215.5
165°	1155.7	1149.0	1142.3	1149.0	1155.7	1157.4	1162.4	1169.1	1172.5	1182.8	1203.4
167.5°	1167.0	1163.7	1160.6	1163.7	1167.0	1167.8	1172.0	1177.7	1180.5	1187.3	1200.7
170°	1178.9	1175.7	1172.5	1175.7	1178.9	1179.7	1179.9	1180.4	1180.5	1187.3	1200.7
172.5°	1180.4	1179.6	1178.9	1179.6	1180.4	1180.5	1180.5	1180.5	1180.5	1185.8	1196.5
175°	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1185.3	1182.1	1180.5	1183.9	1190.6
177.5°	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1185.8	1183.3	1182.1	1184.7	1190.1
180°	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7



TEST NUMBER: P936071
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6
2.5°	1722.1	1717.1	1723.9	1705.3	1723.9	1717.1	1722.1	1734.0	1723.9	1730.6	1737.3
5°	1511.1	1502.7	1475.7	1453.7	1475.7	1502.7	1511.1	1546.6	1563.4	1593.8	1634.4
7.5°	1350.7	1343.9	1337.2	1323.7	1337.2	1343.9	1350.7	1360.8	1377.7	1404.8	1435.1
10°	1315.2	1316.9	1327.1	1325.4	1327.1	1316.9	1315.2	1311.9	1306.8	1311.9	1330.5
12.5°	1406.4	1421.6	1477.4	1474.0	1477.4	1421.6	1406.4	1338.9	1293.3	1284.9	1288.2
15°	1511.1	1516.1	1528.0	1529.7	1528.0	1516.1	1511.1	1484.1	1347.4	1288.2	1269.7
17.5°	1521.2	1523.0	1531.4	1531.4	1531.4	1523.0	1521.2	1509.4	1463.8	1384.5	1279.8
20°	1512.8	1516.1	1533.1	1536.4	1533.1	1516.1	1512.8	1497.6	1472.3	1443.5	1364.2
22.5°	1509.4	1516.1	1529.7	1528.0	1529.7	1516.1	1509.4	1485.8	1463.8	1443.5	1411.5
25°	1492.5	1492.5	1494.2	1495.9	1494.2	1492.5	1492.5	1474.0	1430.1	1425.0	1406.4
27.5°	1457.1	1460.4	1470.6	1468.9	1470.6	1460.4	1457.1	1450.4	1403.1	1398.0	1384.5
30°	1425.0	1421.6	1413.2	1406.4	1413.2	1421.6	1425.0	1414.8	1367.6	1354.1	1357.5
32.5°	1371.0	1362.5	1354.1	1349.1	1354.1	1362.5	1371.0	1367.6	1332.1	1313.5	1316.9
35°	1306.8	1308.5	1306.8	1301.8	1306.8	1308.5	1306.8	1310.2	1288.2	1271.4	1269.7
37.5°	1261.2	1264.6	1262.9	1256.2	1262.9	1264.6	1261.2	1257.8	1227.5	1222.4	1225.8
40°	1213.9	1215.6	1213.9	1208.9	1213.9	1215.6	1213.9	1207.2	1165.0	1166.6	1178.5
42.5°	1168.3	1166.6	1161.6	1158.2	1161.6	1166.6	1168.3	1158.2	1104.2	1099.2	1121.1
45°	1116.0	1117.7	1107.6	1102.5	1107.6	1117.7	1116.0	1109.3	1053.6	1040.0	1055.2
47.5°	1063.7	1063.7	1055.2	1050.2	1055.2	1063.7	1063.7	1055.2	996.2	982.6	991.0
50°	1008.0	1006.3	994.5	992.8	994.5	1006.3	1008.0	1002.9	940.4	928.6	928.6
52.5°	943.8	943.8	945.5	948.9	945.5	943.8	943.8	945.5	889.7	878.0	874.6
55°	888.1	889.7	901.6	905.0	901.6	889.7	888.1	888.1	837.4	825.6	818.9
57.5°	830.7	830.7	839.1	839.1	839.1	830.7	830.7	827.3	778.4	768.2	764.8
60°	764.8	768.2	775.0	773.3	775.0	768.2	764.8	761.4	719.3	712.5	700.7
62.5°	695.6	699.0	700.7	697.3	700.7	699.0	695.6	685.5	660.1	655.1	639.9
65°	623.0	626.4	628.1	624.7	628.1	626.4	623.0	618.0	599.4	590.9	577.4
67.5°	548.7	547.1	545.4	552.1	545.4	547.1	548.7	542.0	530.1	523.4	504.8
70°	472.8	472.8	471.1	474.4	471.1	472.8	472.8	467.7	460.9	455.9	439.0
72.5°	391.7	390.0	396.8	391.7	396.8	390.0	391.7	390.0	386.6	381.6	364.7
75°	312.3	315.8	312.3	317.5	312.3	315.8	312.3	314.0	312.3	308.9	297.2
77.5°	238.0	241.5	238.0	238.0	238.0	241.5	238.0	239.8	239.8	239.8	229.6
80°	168.9	167.2	167.2	165.5	167.2	167.2	168.9	168.9	170.5	167.2	163.8
82.5°	108.0	106.3	106.3	109.7	106.3	106.3	108.0	109.7	106.3	106.3	106.3
85°	59.1	60.7	57.4	57.4	57.4	60.7	59.1	55.7	59.1	59.1	57.4
87.5°	22.0	20.3	20.3	20.3	20.3	20.3	22.0	23.6	23.6	23.6	25.3
90°	30.3	30.3	30.3	30.3	30.3	30.3	30.3	40.4	53.8	60.6	52.1
92.5°	151.5	145.4	121.3	97.2	121.3	145.4	151.5	214.7	299.0	341.1	299.6
95°	514.1	495.9	422.8	349.9	422.8	495.9	514.1	675.1	889.8	997.2	842.2
97.5°	1186.9	1152.2	1013.3	874.4	1013.3	1152.2	1186.9	1288.6	1424.4	1492.2	1233.8
100°	1666.8	1625.4	1460.0	1294.5	1460.0	1625.4	1666.8	1659.4	1649.4	1644.4	1357.7
102.5°	2076.4	2041.0	1899.3	1757.6	1899.3	2041.0	2076.4	1946.7	1773.9	1687.5	1396.6
105°	2554.7	2535.6	2459.5	2383.3	2459.5	2535.6	2554.7	2264.0	1876.4	1682.7	1401.0
107.5°	2803.4	2808.0	2826.4	2844.8	2826.4	2808.0	2803.4	2398.0	1857.4	1587.0	1338.7
110°	2867.2	2887.0	2966.3	3045.7	2966.3	2887.0	2867.2	2413.9	1809.5	1507.3	1283.4



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2826.5	2857.0	2978.8	3100.7	2978.8	2857.0	2826.5	2362.6	1744.0	1434.8	1235.1
115°	2688.6	2730.8	2899.8	3068.8	2899.8	2730.8	2688.6	2241.7	1645.8	1347.9	1179.8
117.5°	2498.1	2544.9	2732.4	2919.8	2732.4	2544.9	2498.1	2094.7	1557.0	1288.1	1145.2
120°	2369.8	2415.2	2597.4	2779.5	2597.4	2415.2	2369.8	2001.3	1509.9	1264.2	1133.5
122.5°	2241.4	2286.3	2465.9	2645.5	2465.9	2286.3	2241.4	1909.6	1467.1	1245.9	1127.4
125°	2071.6	2113.0	2278.4	2443.9	2278.4	2113.0	2071.6	1789.7	1413.9	1225.9	1122.3
127.5°	1935.3	1970.2	2109.8	2249.5	2109.8	1970.2	1935.3	1693.3	1370.5	1209.2	1119.4
130°	1849.3	1881.5	2010.5	2139.4	2010.5	1881.5	1849.3	1633.8	1346.5	1202.9	1121.2
132.5°	1775.9	1804.8	1920.2	2035.8	1920.2	1804.8	1775.9	1583.0	1325.8	1197.2	1122.3
135°	1672.3	1697.2	1796.8	1896.3	1796.8	1697.2	1672.3	1510.8	1295.4	1187.7	1121.2
137.5°	1595.8	1616.2	1697.7	1779.1	1697.7	1616.2	1595.8	1459.2	1277.1	1186.1	1128.1
140°	1534.5	1553.5	1629.6	1705.8	1629.6	1553.5	1534.5	1416.4	1259.2	1180.5	1129.3
142.5°	1491.3	1507.7	1573.3	1638.8	1573.3	1507.7	1491.3	1387.7	1249.6	1180.5	1133.4
145°	1426.8	1439.2	1488.8	1538.4	1488.8	1439.2	1426.8	1342.1	1229.0	1172.5	1133.4
147.5°	1372.6	1382.9	1423.9	1465.1	1423.9	1382.9	1372.6	1305.9	1217.0	1172.5	1141.2
150°	1341.5	1349.8	1383.1	1416.4	1383.1	1349.8	1341.5	1285.2	1210.1	1172.5	1145.3
152.5°	1316.8	1323.1	1348.2	1373.4	1348.2	1323.1	1316.8	1268.7	1204.6	1172.5	1147.9
155°	1287.3	1291.5	1308.1	1324.8	1308.1	1291.5	1287.3	1249.0	1198.0	1172.5	1153.8
157.5°	1261.8	1264.7	1276.5	1288.1	1276.5	1264.7	1261.8	1232.1	1192.4	1172.5	1159.6
160°	1249.0	1250.7	1257.5	1264.2	1257.5	1250.7	1249.0	1223.6	1189.6	1172.5	1162.2
162.5°	1237.1	1238.7	1245.0	1251.4	1245.0	1238.7	1237.1	1215.5	1186.8	1172.5	1165.1
165°	1218.8	1220.5	1227.1	1233.9	1227.1	1220.5	1218.8	1203.4	1182.8	1172.5	1169.1
167.5°	1210.8	1211.5	1214.4	1217.2	1214.4	1211.5	1210.8	1200.7	1187.3	1180.5	1177.7
170°	1210.8	1210.8	1210.8	1210.8	1210.8	1210.8	1210.8	1200.7	1187.3	1180.5	1180.4
172.5°	1204.4	1203.8	1201.3	1198.8	1201.3	1203.8	1204.4	1196.5	1185.8	1180.5	1180.5
175°	1195.6	1195.6	1195.6	1195.6	1195.6	1195.6	1195.6	1190.6	1183.9	1180.5	1182.1
177.5°	1194.1	1193.4	1190.5	1187.7	1190.5	1193.4	1194.1	1190.1	1184.7	1182.1	1183.3
180°	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1784.6	1784.6	1784.6	1784.6	1784.6
2.5°	1762.7	1771.1	1776.2	1782.9	1799.8
5°	1695.1	1727.3	1737.3	1762.7	1793.0
7.5°	1546.6	1644.4	1671.5	1732.3	1779.6
10°	1403.1	1501.0	1548.3	1691.7	1762.7
12.5°	1330.5	1387.8	1419.9	1620.8	1739.0
15°	1284.9	1325.4	1349.1	1526.3	1712.0
17.5°	1249.4	1278.1	1295.0	1433.4	1674.9
20°	1227.5	1240.9	1256.2	1365.9	1632.7
22.5°	1212.2	1203.8	1215.6	1318.6	1575.3
25°	1202.2	1170.1	1183.6	1281.5	1507.7
27.5°	1210.6	1139.6	1144.7	1247.8	1436.8
30°	1212.2	1102.5	1104.2	1212.2	1357.5
32.5°	1200.5	1063.7	1065.3	1168.3	1267.9
35°	1171.8	1018.1	1016.4	1117.7	1146.5
37.5°	1132.9	969.2	969.2	1062.0	1013.0
40°	1085.6	920.2	925.3	989.4	894.9
42.5°	1028.2	867.8	874.6	893.2	807.0
45°	965.7	817.2	822.3	754.7	739.5
47.5°	896.6	764.8	766.5	626.4	717.6
50°	813.8	710.8	704.1	536.9	715.9
52.5°	741.2	651.7	631.4	486.2	650.0
55°	670.3	589.2	545.4	447.4	602.8
57.5°	607.8	508.2	466.0	401.8	592.7
60°	550.4	428.8	396.8	352.9	543.7
62.5°	503.1	369.8	363.0	319.1	493.0
65°	452.5	329.2	327.5	290.4	418.8
67.5°	403.5	302.2	300.5	263.4	319.1
70°	351.2	273.5	270.2	234.7	236.3
72.5°	297.2	241.5	238.0	211.0	195.9
75°	243.2	204.3	202.6	184.0	158.7
77.5°	190.8	162.1	165.5	148.6	116.5
80°	136.7	118.2	121.6	106.3	87.8
82.5°	91.2	77.7	81.0	67.6	59.1
85°	50.7	43.9	45.6	35.4	27.0
87.5°	23.6	20.3	20.3	13.5	8.4
90°	35.1	22.3	20.7	14.4	8.0
92.5°	216.3	153.9	140.3	86.1	31.9
95°	532.2	299.7	274.9	175.7	76.5
97.5°	716.9	329.2	307.3	219.8	132.3
100°	784.1	353.9	334.1	254.7	175.3
102.5°	814.9	378.6	360.1	286.1	212.1
105°	837.8	415.3	399.6	336.9	274.2
107.5°	841.9	469.5	454.9	396.4	338.0
110°	835.6	499.8	486.6	433.8	381.0



TEST NUMBER: P936071

CATALOG NUMBER: SQ4-FA-150U-100D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	835.9	536.4	523.8	473.5	423.3
115°	843.6	591.5	579.9	533.4	487.0
117.5°	859.3	644.9	634.3	592.1	550.0
120°	872.0	676.0	666.1	626.4	586.7
122.5°	890.3	712.6	702.6	662.6	622.6
125°	915.0	759.6	750.5	714.0	677.5
127.5°	939.8	805.1	795.9	759.0	722.2
130°	957.9	835.4	825.5	785.8	746.1
132.5°	972.5	860.1	850.2	810.5	770.8
135°	988.4	888.8	879.8	843.6	807.4
137.5°	1012.3	925.4	916.5	880.7	844.9
140°	1026.9	950.2	941.9	909.0	876.0
142.5°	1039.2	968.5	960.9	930.4	899.9
145°	1055.1	996.4	989.8	963.2	936.6
147.5°	1078.5	1031.4	1025.0	999.1	973.2
150°	1090.6	1049.7	1043.9	1020.5	997.2
152.5°	1098.7	1061.8	1057.3	1039.6	1021.9
155°	1116.2	1088.0	1084.8	1071.6	1058.5
157.5°	1133.8	1114.3	1111.2	1098.4	1085.6
160°	1141.7	1126.3	1123.8	1113.9	1104.0
162.5°	1150.2	1139.0	1137.2	1129.8	1122.3
165°	1162.4	1157.4	1155.7	1149.0	1142.3
167.5°	1172.0	1167.8	1167.0	1163.7	1160.6
170°	1179.9	1179.7	1178.9	1175.7	1172.5
172.5°	1180.5	1180.5	1180.4	1179.6	1178.9
175°	1185.3	1187.7	1187.7	1187.7	1187.7
177.5°	1185.8	1187.7	1187.7	1187.7	1187.7
180°	1187.7	1187.7	1187.7	1187.7	1187.7



TEST NUMBER: P936071
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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	11.87	12.63	12.93	13.69	15.13	14.70	15.46	15.75	16.52	17.96
	3H	12.34	13.02	13.41	14.09	15.55	16.03	16.71	17.10	17.78	19.24
	4H	12.53	13.17	13.61	14.25	15.71	16.47	17.12	17.55	18.19	19.65
	6H	12.64	13.24	13.73	14.31	15.79	16.75	17.34	17.84	18.42	19.89
	8H	12.64	13.21	13.73	14.30	15.77	16.82	17.39	17.91	18.48	19.95
	12H	12.61	13.15	13.71	14.23	15.72	16.86	17.39	17.95	18.48	19.97
4H	2H	12.89	13.54	13.98	14.61	16.07	15.09	15.74	16.18	16.81	18.27
	3H	13.91	14.45	15.00	15.55	17.02	16.59	17.13	17.68	18.23	19.70
	4H	14.18	14.67	15.28	15.76	17.26	17.11	17.60	18.21	18.69	20.19
	6H	14.30	14.72	15.41	15.84	17.33	17.47	17.89	18.57	19.00	20.49
	8H	14.30	14.70	15.41	15.80	17.31	17.57	17.97	18.68	19.07	20.58
	12H	14.27	14.62	15.39	15.74	17.25	17.62	17.98	18.75	19.10	20.61
8H	4H	14.63	15.02	15.73	16.12	17.63	17.23	17.62	18.33	18.73	20.23
	6H	14.88	15.21	16.01	16.36	17.86	17.66	17.98	18.79	19.13	20.63
	8H	14.93	15.21	16.06	16.34	17.86	17.81	18.09	18.94	19.22	20.74
	12H	14.90	15.16	16.04	16.28	17.84	17.90	18.15	19.04	19.28	20.84
12H	4H	14.63	14.98	15.75	16.10	17.61	17.19	17.55	18.31	18.66	20.17
	6H	14.94	15.23	16.08	16.36	17.88	17.66	17.94	18.79	19.07	20.59
	8H	15.00	15.26	16.14	16.38	17.94	17.81	18.06	18.95	19.18	20.75