

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: P934621

Luminaire Tested: SQ4-FA-075U-050D-927-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934621
REPORT IS A COMBINATION OF REPORTS P933705 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-050D-927-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

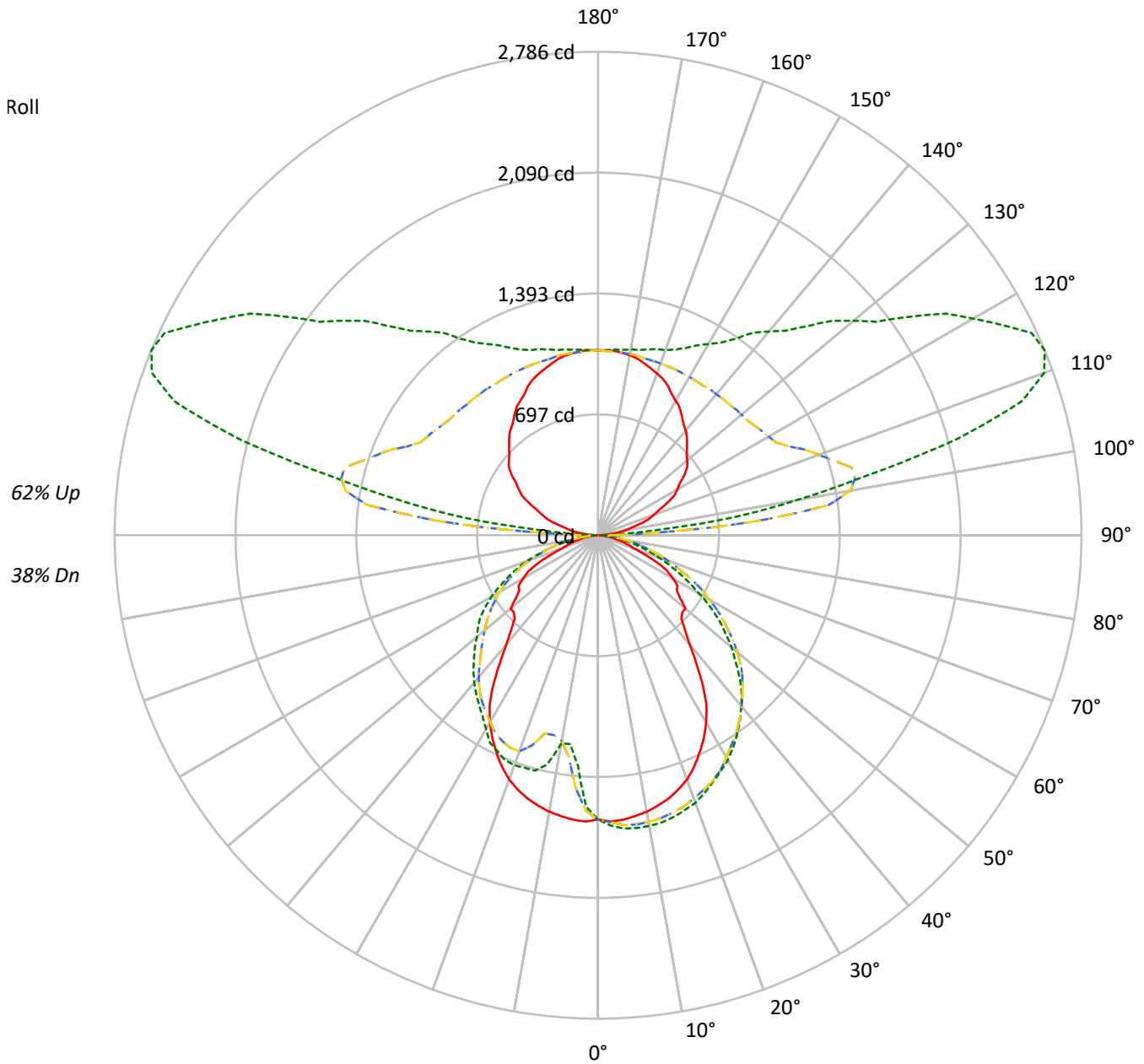
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11166.5 lumens
Efficiency: N/A
Efficacy: 108.2 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 103.2
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	104	104	104	104	95	95	95	95	77	77	77	60	60	60	45	45	45	38				38
1	95	91	87	84	86	83	79	77	67	65	63	53	52	50	40	39	38	32				32
2	87	79	73	68	78	72	67	63	59	55	52	47	44	42	35	34	32	27				27
3	79	70	63	57	71	64	57	52	52	47	44	41	38	35	31	29	27	23				23
4	72	62	54	48	65	56	50	44	46	41	37	37	33	30	28	25	24	20				20
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	30	26	23	23	20	18	15				15
7	56	44	36	31	51	40	34	29	33	28	24	27	23	20	21	18	16	13				13
8	52	40	32	27	47	37	30	25	30	25	22	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	11				11
10	45	33	26	22	41	31	24	20	26	21	17	21	17	14	16	14	12	10				10

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5065	5065	5065	5065
5°	5105	5113	5105	4020
10°	5072	5036	5072	3601
15°	5019	4927	5019	4114
20°	4916	4798	4916	4123
25°	4703	4609	4703	4036
30°	4427	4453	4427	3844
35°	3949	4255	3949	3633
40°	3292	4022	3292	3474
45°	2943	3749	2943	3290
50°	3130	3423	3130	3107
55°	2948	3073	2948	3000
60°	3042	2610	3042	2748
65°	2763	2158	2763	2412
70°	1918	1720	1918	2022
75°	1688	1271	1688	1522
80°	1369	840	1369	915
85°	804	445	804	378

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 4509 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	147.8	1.3
10°-20°	419.7	3.8
20°-30°	648.8	5.8
30°-40°	774.5	6.9
40°-50°	779.0	7.0
50°-60°	677.8	6.1
60°-70°	480.6	4.3
70°-80°	254.3	2.3
80°-90°	67.4	0.6
90°-100°	520.1	4.7
100°-110°	1367.3	12.2
110°-120°	1417.8	12.7
120°-130°	1137.2	10.2
130°-140°	892.3	8.0
140°-150°	684.9	6.1
150°-160°	493.2	4.4
160°-170°	301.8	2.7
170°-180°	102.0	0.9
0°-30°	1216.3	10.9
0°-40°	1990.7	17.8
0°-60°	3447.6	30.9
0°-90°	4249.9	38.1
90°-120°	3305.2	29.6
90°-150°	6019.7	53.9
90°-180°	6917.0	61.9
0°-180°	11166.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1638	1638	1638	1638	1638	
5°	1645	1696	1645	1334	1645	156
15°	1571	1681	1571	1404	1571	442
25°	1384	1568	1384	1373	1384	635
35°	1052	1399	1052	1194	1052	651
45°	678	1153	678	1012	678	544
55°	553	850	553	830	553	508
65°	384	513	384	573	384	367
75°	146	243	146	291	146	153
85°	25	62	25	53	25	33
90°	7	27	7	27	7	7
95°	69	314	69	314	69	76
105°	246	2141	246	2141	246	261
115°	438	2757	438	2757	438	432
125°	609	2196	609	2196	609	540
135°	725	1704	725	1704	725	561
145°	841	1382	841	1382	841	527
155°	951	1190	951	1190	951	437
165°	1026	1108	1026	1108	1026	290
175°	1067	1074	1067	1074	1067	101
180°	1067	1067	1067	1067	1067	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1637.5	1637.5	1637.5	1637.5	1637.5	1637.5	1637.5	1637.5	1637.5	1637.5	1637.5
2.5°	1651.4	1651.4	1660.7	1663.8	1663.8	1659.2	1654.6	1659.2	1673.1	1677.8	1676.2
5°	1645.3	1657.7	1674.7	1677.8	1680.9	1679.4	1676.2	1679.4	1694.8	1697.9	1699.5
7.5°	1632.9	1656.1	1677.8	1682.4	1687.1	1682.4	1680.9	1684.0	1699.5	1702.5	1702.5
10°	1617.4	1649.9	1674.7	1677.8	1682.4	1677.8	1677.8	1684.0	1699.5	1702.5	1704.2
12.5°	1595.7	1640.6	1663.8	1667.0	1673.1	1671.6	1670.1	1676.2	1691.8	1694.8	1694.8
15°	1570.9	1623.5	1645.3	1648.3	1659.2	1656.1	1656.1	1662.3	1679.4	1684.0	1682.4
17.5°	1536.8	1601.9	1626.7	1631.3	1639.1	1637.5	1639.1	1645.3	1660.7	1663.8	1665.4
20°	1498.1	1572.4	1601.9	1606.5	1614.3	1614.3	1614.3	1622.0	1637.5	1643.7	1643.7
22.5°	1445.4	1541.5	1572.4	1575.6	1584.8	1584.8	1588.0	1598.8	1612.7	1614.3	1614.3
25°	1383.5	1507.4	1533.7	1543.0	1552.3	1556.9	1561.6	1567.8	1572.4	1570.9	1572.4
27.5°	1318.4	1464.0	1498.1	1504.3	1516.7	1521.3	1527.5	1529.1	1530.6	1535.2	1532.1
30°	1245.6	1403.6	1454.7	1460.9	1481.0	1484.2	1477.9	1481.0	1488.8	1491.9	1495.0
32.5°	1163.5	1313.7	1409.8	1423.7	1442.3	1433.0	1431.4	1436.1	1448.5	1448.5	1451.6
35°	1051.9	1244.0	1368.0	1380.4	1394.3	1383.5	1389.6	1391.2	1398.9	1403.6	1402.0
37.5°	929.5	1183.6	1324.6	1333.9	1344.7	1330.8	1340.0	1344.7	1350.9	1347.8	1347.8
40°	821.1	1089.1	1273.4	1279.7	1288.9	1278.1	1287.4	1290.5	1293.6	1290.5	1288.9
42.5°	740.5	985.3	1219.2	1227.0	1220.8	1228.5	1231.6	1237.9	1233.2	1227.0	1227.0
45°	678.5	957.4	1160.4	1169.6	1160.4	1172.8	1177.4	1177.4	1163.5	1160.4	1158.8
47.5°	658.4	901.7	1101.5	1101.5	1096.9	1112.3	1120.0	1109.3	1095.3	1090.6	1090.6
50°	656.9	839.7	1020.9	1014.7	1036.4	1055.0	1047.3	1036.4	1025.6	1008.5	1008.5
52.5°	596.4	763.8	917.1	940.4	974.4	985.3	972.9	962.0	943.5	935.7	929.5
55°	553.1	684.8	822.6	869.1	904.8	918.7	895.4	884.6	856.7	852.1	849.0
57.5°	543.8	570.1	735.9	794.7	838.1	836.6	822.6	802.5	779.2	774.6	773.1
60°	498.9	412.1	643.0	712.6	757.5	752.9	740.5	722.0	700.2	697.2	694.1
62.5°	452.4	299.0	537.5	616.6	680.1	678.5	667.7	639.8	624.3	616.6	610.4
65°	384.2	250.9	382.7	512.8	604.2	607.3	584.0	563.9	546.9	537.5	536.0
67.5°	292.8	204.5	258.7	427.6	531.4	528.3	498.9	489.6	467.9	463.2	453.9
70°	216.9	136.4	179.7	347.0	460.2	452.4	429.1	418.3	398.2	387.3	381.1
72.5°	179.7	110.0	131.7	269.6	387.3	378.0	357.9	345.5	328.4	319.2	312.9
75°	145.6	116.2	100.7	199.8	314.5	308.3	289.7	277.3	263.3	250.9	252.5
77.5°	106.9	108.4	80.5	147.1	249.4	240.2	229.3	213.8	207.6	195.2	195.2
80°	80.5	85.2	60.4	100.7	179.7	179.7	170.4	159.5	148.7	142.5	142.5
82.5°	54.2	54.2	44.9	63.5	122.4	117.7	111.6	108.4	102.3	99.2	99.2
85°	24.8	31.0	27.9	38.7	66.6	69.7	69.7	66.6	65.1	62.0	63.5
87.5°	7.8	13.9	17.0	21.7	34.1	35.7	37.2	37.2	37.2	38.7	38.7
90°	7.2	12.9	18.6	20.0	31.5	46.8	54.4	48.4	36.3	27.2	27.2
92.5°	28.6	77.3	126.0	138.2	194.3	269.0	306.5	268.6	192.9	136.1	130.7
95°	68.8	157.8	247.0	269.3	478.1	756.6	895.8	799.4	606.5	461.8	445.4
97.5°	118.9	197.5	276.1	295.8	644.0	1108.3	1340.5	1279.5	1157.6	1066.2	1035.0
100°	157.5	228.8	300.1	317.9	704.4	1219.6	1477.2	1481.7	1490.6	1497.3	1460.2
102.5°	190.5	257.0	323.5	340.1	732.0	1254.6	1516.0	1593.6	1748.9	1865.4	1833.6
105°	246.3	302.7	359.0	373.1	752.6	1258.6	1511.7	1685.8	2034.0	2295.1	2278.0
107.5°	303.6	356.1	408.6	421.8	756.4	1202.7	1425.7	1668.6	2154.2	2518.4	2522.6
110°	342.3	389.7	437.1	449.0	750.7	1153.0	1354.1	1625.6	2168.6	2575.7	2593.5



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	380.2	425.4	470.6	481.9	751.0	1109.6	1289.0	1566.8	2122.5	2539.2	2566.6
115°	437.5	479.2	520.9	531.3	757.8	1059.9	1210.9	1478.6	2013.9	2415.3	2453.3
117.5°	494.1	532.0	569.8	579.3	771.9	1028.7	1157.2	1398.7	1881.8	2244.2	2286.3
120°	527.1	562.7	598.3	607.2	783.4	1018.2	1135.7	1356.4	1797.8	2128.9	2169.8
122.5°	559.3	595.2	631.2	640.2	799.9	1012.8	1119.2	1317.9	1715.5	2013.6	2054.0
125°	608.7	641.5	674.3	682.5	822.1	1008.2	1101.3	1270.2	1607.8	1861.1	1898.3
127.5°	648.8	681.9	715.0	723.3	844.3	1005.6	1086.3	1231.3	1521.2	1738.7	1770.0
130°	670.3	705.9	741.5	750.4	860.5	1007.2	1080.5	1209.6	1467.7	1661.3	1690.2
132.5°	692.5	728.1	763.7	772.6	873.6	1008.2	1075.5	1191.0	1422.1	1595.4	1621.4
135°	725.4	757.8	790.3	798.4	888.0	1007.3	1067.0	1163.7	1357.2	1502.3	1524.7
137.5°	759.1	791.2	823.4	831.4	909.4	1013.5	1065.5	1147.3	1310.9	1433.6	1451.9
140°	786.9	816.5	846.2	853.5	922.5	1014.6	1060.5	1131.2	1272.5	1378.5	1395.5
142.5°	808.4	835.8	863.2	870.0	933.5	1018.2	1060.5	1122.6	1246.7	1339.8	1354.5
145°	841.4	865.2	889.1	895.1	947.9	1018.2	1053.4	1104.1	1205.7	1281.8	1293.0
147.5°	874.3	897.6	920.8	926.6	968.9	1025.2	1053.4	1093.3	1173.2	1233.1	1242.3
150°	895.8	916.8	937.9	943.1	979.8	1028.9	1053.4	1087.1	1154.5	1205.1	1212.6
152.5°	918.0	933.9	949.8	953.8	987.0	1031.3	1053.4	1082.2	1139.8	1183.0	1188.6
155°	951.0	962.7	974.5	977.4	1002.8	1036.5	1053.4	1076.3	1122.1	1156.5	1160.2
157.5°	975.3	986.8	998.2	1001.1	1018.5	1041.7	1053.4	1071.1	1106.8	1133.5	1136.1
160°	991.8	1000.7	1009.6	1011.9	1025.7	1044.1	1053.4	1068.6	1099.2	1122.1	1123.7
162.5°	1008.2	1014.9	1021.6	1023.3	1033.3	1046.7	1053.4	1066.2	1092.0	1111.3	1112.8
165°	1026.2	1032.2	1038.2	1039.7	1044.3	1050.4	1053.4	1062.6	1081.0	1094.9	1096.4
167.5°	1042.6	1045.4	1048.4	1049.0	1052.9	1058.0	1060.5	1066.5	1078.6	1087.7	1088.3
170°	1053.4	1056.2	1059.1	1059.8	1060.1	1060.4	1060.5	1066.5	1078.6	1087.7	1087.7
172.5°	1059.1	1059.7	1060.4	1060.5	1060.5	1060.5	1060.5	1065.3	1074.8	1082.0	1081.5
175°	1067.0	1067.0	1067.0	1067.0	1064.8	1062.0	1060.5	1063.5	1069.6	1074.2	1074.2
177.5°	1067.0	1067.0	1067.0	1067.0	1065.3	1063.1	1062.0	1064.4	1069.1	1072.7	1072.1
180°	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1637.5	1637.5	1637.5	1637.5	1637.5	1637.5	1637.5	1637.5	1637.5	1637.5	1637.5
2.5°	1679.4	1674.7	1679.4	1676.2	1677.8	1673.1	1659.2	1654.6	1659.2	1663.8	1663.8
5°	1699.5	1696.4	1699.5	1699.5	1697.9	1694.8	1679.4	1676.2	1679.4	1680.9	1677.8
7.5°	1705.7	1701.0	1705.7	1702.5	1702.5	1699.5	1684.0	1680.9	1682.4	1687.1	1682.4
10°	1705.7	1701.0	1705.7	1704.2	1702.5	1699.5	1684.0	1677.8	1677.8	1682.4	1677.8
12.5°	1697.9	1694.8	1697.9	1694.8	1694.8	1691.8	1676.2	1670.1	1671.6	1673.1	1667.0
15°	1685.5	1680.9	1685.5	1682.4	1684.0	1679.4	1662.3	1656.1	1656.1	1659.2	1648.3
17.5°	1667.0	1660.7	1667.0	1665.4	1663.8	1660.7	1645.3	1639.1	1637.5	1639.1	1631.3
20°	1645.3	1640.6	1645.3	1643.7	1643.7	1637.5	1622.0	1614.3	1614.3	1614.3	1606.5
22.5°	1611.1	1606.5	1611.1	1614.3	1614.3	1612.7	1598.8	1588.0	1584.8	1584.8	1575.6
25°	1572.4	1567.8	1572.4	1572.4	1570.9	1572.4	1567.8	1561.6	1556.9	1552.3	1543.0
27.5°	1535.2	1532.1	1535.2	1532.1	1535.2	1530.6	1529.1	1527.5	1521.3	1516.7	1504.3
30°	1498.1	1495.0	1498.1	1495.0	1491.9	1488.8	1481.0	1477.9	1484.2	1481.0	1460.9
32.5°	1451.6	1448.5	1451.6	1451.6	1448.5	1448.5	1436.1	1431.4	1433.0	1442.3	1423.7
35°	1403.6	1398.9	1403.6	1402.0	1403.6	1398.9	1391.2	1389.6	1383.5	1394.3	1380.4
37.5°	1347.8	1343.2	1347.8	1347.8	1347.8	1350.9	1344.7	1340.0	1330.8	1344.7	1333.9
40°	1290.5	1284.3	1290.5	1288.9	1290.5	1293.6	1290.5	1287.4	1278.1	1288.9	1279.7
42.5°	1225.5	1223.8	1225.5	1227.0	1227.0	1233.2	1237.9	1231.6	1228.5	1220.8	1227.0
45°	1155.7	1152.6	1155.7	1158.8	1160.4	1163.5	1177.4	1177.4	1172.8	1160.4	1169.6
47.5°	1081.3	1073.6	1081.3	1090.6	1090.6	1095.3	1109.3	1120.0	1112.3	1096.9	1101.5
50°	1002.3	1003.8	1002.3	1008.5	1008.5	1025.6	1036.4	1047.3	1055.0	1036.4	1014.7
52.5°	924.8	923.3	924.8	929.5	935.7	943.5	962.0	972.9	985.3	974.4	940.4
55°	847.4	850.5	847.4	849.0	852.1	856.7	884.6	895.4	918.7	904.8	869.1
57.5°	769.9	765.3	769.9	773.1	774.6	779.2	802.5	822.6	836.6	838.1	794.7
60°	680.1	673.9	680.1	694.1	697.2	700.2	722.0	740.5	752.9	757.5	712.6
62.5°	601.1	590.3	601.1	610.4	616.6	624.3	639.8	667.7	678.5	680.1	616.6
65°	517.4	512.8	517.4	536.0	537.5	546.9	563.9	584.0	607.3	604.2	512.8
67.5°	441.5	441.5	441.5	453.9	463.2	467.9	489.6	498.9	528.3	531.4	427.6
70°	371.8	370.3	371.8	381.1	387.3	398.2	418.3	429.1	452.4	460.2	347.0
72.5°	305.2	303.6	305.2	312.9	319.2	328.4	345.5	357.9	378.0	387.3	269.6
75°	246.3	243.2	246.3	252.5	250.9	263.3	277.3	289.7	308.3	314.5	199.8
77.5°	189.0	189.0	189.0	195.2	195.2	207.6	213.8	229.3	240.2	249.4	147.1
80°	141.0	139.4	141.0	142.5	142.5	148.7	159.5	170.4	179.7	179.7	100.7
82.5°	99.2	96.0	99.2	99.2	99.2	102.3	108.4	111.6	117.7	122.4	63.5
85°	62.0	62.0	62.0	63.5	62.0	65.1	66.6	69.7	69.7	66.6	38.7
87.5°	40.3	38.7	40.3	38.7	38.7	37.2	37.2	37.2	35.7	34.1	21.7
90°	27.2	27.2	27.2	27.2	27.2	36.3	48.4	54.4	46.8	31.5	20.0
92.5°	109.0	87.4	109.0	130.7	136.1	192.9	268.6	306.5	269.0	194.3	138.2
95°	379.9	314.4	379.9	445.4	461.8	606.5	799.4	895.8	756.6	478.1	269.3
97.5°	910.3	785.6	910.3	1035.0	1066.2	1157.6	1279.5	1340.5	1108.3	644.0	295.8
100°	1311.5	1162.9	1311.5	1460.2	1497.3	1490.6	1481.7	1477.2	1219.6	704.4	317.9
102.5°	1706.2	1579.0	1706.2	1833.6	1865.4	1748.9	1593.6	1516.0	1254.6	732.0	340.1
105°	2209.5	2141.1	2209.5	2278.0	2295.1	2034.0	1685.8	1511.7	1258.6	752.6	373.1
107.5°	2539.2	2555.7	2539.2	2522.6	2518.4	2154.2	1668.6	1425.7	1202.7	756.4	421.8
110°	2664.8	2736.1	2664.8	2593.5	2575.7	2168.6	1625.6	1354.1	1153.0	750.7	449.0



TEST NUMBER: P934621

CATALOG NUMBER: SQ4-FA-075U-050D-927-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2676.1	2785.6	2676.1	2566.6	2539.2	2122.5	1566.8	1289.0	1109.6	751.0	481.9
115°	2605.1	2756.9	2605.1	2453.3	2415.3	2013.9	1478.6	1210.9	1059.9	757.8	531.3
117.5°	2454.6	2623.0	2454.6	2286.3	2244.2	1881.8	1398.7	1157.2	1028.7	771.9	579.3
120°	2333.4	2497.0	2333.4	2169.8	2128.9	1797.8	1356.4	1135.7	1018.2	783.4	607.2
122.5°	2215.3	2376.7	2215.3	2054.0	2013.6	1715.5	1317.9	1119.2	1012.8	799.9	640.2
125°	2046.9	2195.5	2046.9	1898.3	1861.1	1607.8	1270.2	1101.3	1008.2	822.1	682.5
127.5°	1895.4	2020.8	1895.4	1770.0	1738.7	1521.2	1231.3	1086.3	1005.6	844.3	723.3
130°	1806.1	1922.0	1806.1	1690.2	1661.3	1467.7	1209.6	1080.5	1007.2	860.5	750.4
132.5°	1725.1	1828.9	1725.1	1621.4	1595.4	1422.1	1191.0	1075.5	1008.2	873.6	772.6
135°	1614.2	1703.5	1614.2	1524.7	1502.3	1357.2	1163.7	1067.0	1007.3	888.0	798.4
137.5°	1525.1	1598.3	1525.1	1451.9	1433.6	1310.9	1147.3	1065.5	1013.5	909.4	831.4
140°	1464.0	1532.4	1464.0	1395.5	1378.5	1272.5	1131.2	1060.5	1014.6	922.5	853.5
142.5°	1413.4	1472.2	1413.4	1354.5	1339.8	1246.7	1122.6	1060.5	1018.2	933.5	870.0
145°	1337.5	1382.0	1337.5	1293.0	1281.8	1205.7	1104.1	1053.4	1018.2	947.9	895.1
147.5°	1279.2	1316.2	1279.2	1242.3	1233.1	1173.2	1093.3	1053.4	1025.2	968.9	926.6
150°	1242.5	1272.5	1242.5	1212.6	1205.1	1154.5	1087.1	1053.4	1028.9	979.8	943.1
152.5°	1211.2	1233.8	1211.2	1188.6	1183.0	1139.8	1082.2	1053.4	1031.3	987.0	953.8
155°	1175.2	1190.1	1175.2	1160.2	1156.5	1122.1	1076.3	1053.4	1036.5	1002.8	977.4
157.5°	1146.7	1157.2	1146.7	1136.1	1133.5	1106.8	1071.1	1053.4	1041.7	1018.5	1001.1
160°	1129.7	1135.7	1129.7	1123.7	1122.1	1099.2	1068.6	1053.4	1044.1	1025.7	1011.9
162.5°	1118.5	1124.3	1118.5	1112.8	1111.3	1092.0	1066.2	1053.4	1046.7	1033.3	1023.3
165°	1102.4	1108.5	1102.4	1096.4	1094.9	1081.0	1062.6	1053.4	1050.4	1044.3	1039.7
167.5°	1090.9	1093.5	1090.9	1088.3	1087.7	1078.6	1066.5	1060.5	1058.0	1052.9	1049.0
170°	1087.7	1087.7	1087.7	1087.7	1087.7	1078.6	1066.5	1060.5	1060.4	1060.1	1059.8
172.5°	1079.2	1077.0	1079.2	1081.5	1082.0	1074.8	1065.3	1060.5	1060.5	1060.5	1060.5
175°	1074.2	1074.2	1074.2	1074.2	1074.2	1069.6	1063.5	1060.5	1062.0	1064.8	1067.0
177.5°	1069.5	1067.0	1069.5	1072.1	1072.7	1069.1	1064.4	1062.0	1063.1	1065.3	1067.0
180°	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0



TEST NUMBER: P934621

CATALOG NUMBER: SQ4-FA-075U-050D-927-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1637.5	1637.5	1637.5	1637.5	1637.5	1637.5	1637.5	1637.5	1637.5	1637.5	1637.5
2.5°	1660.7	1651.4	1651.4	1635.9	1629.8	1625.1	1617.4	1594.1	1588.0	1581.7	1591.1
5°	1674.7	1657.7	1645.3	1617.4	1594.1	1584.8	1555.4	1499.7	1462.5	1434.6	1419.1
7.5°	1677.8	1656.1	1632.9	1589.5	1533.7	1508.9	1419.1	1316.9	1288.9	1264.2	1248.6
10°	1674.7	1649.9	1617.4	1552.3	1420.6	1377.2	1287.4	1220.8	1203.7	1199.1	1203.7
12.5°	1663.8	1640.6	1595.7	1487.3	1302.9	1273.4	1220.8	1182.0	1178.9	1186.7	1228.5
15°	1645.3	1623.5	1570.9	1400.5	1237.9	1216.1	1178.9	1165.0	1182.0	1236.2	1361.7
17.5°	1626.7	1601.9	1536.8	1315.3	1188.3	1172.8	1146.4	1174.3	1270.3	1343.2	1385.0
20°	1601.9	1572.4	1498.1	1253.3	1152.6	1138.7	1126.3	1251.8	1324.6	1350.9	1374.1
22.5°	1572.4	1541.5	1445.4	1209.9	1115.4	1104.6	1112.3	1295.1	1324.6	1343.2	1363.3
25°	1533.7	1507.4	1383.5	1175.9	1086.0	1073.6	1103.0	1290.5	1307.5	1312.2	1352.4
27.5°	1498.1	1464.0	1318.4	1144.8	1050.4	1045.7	1110.8	1270.3	1282.7	1287.4	1330.8
30°	1454.7	1403.6	1245.6	1112.3	1013.2	1011.6	1112.3	1245.6	1242.5	1254.9	1298.2
32.5°	1409.8	1313.7	1163.5	1072.1	977.5	976.0	1101.5	1208.4	1205.3	1222.3	1254.9
35°	1368.0	1244.0	1051.9	1025.6	932.6	934.2	1075.2	1165.0	1166.6	1182.0	1202.2
37.5°	1324.6	1183.6	929.5	974.4	889.3	889.3	1039.5	1124.7	1121.7	1126.3	1154.2
40°	1273.4	1089.1	821.1	907.8	849.0	844.3	996.1	1081.3	1070.5	1069.0	1107.6
42.5°	1219.2	985.3	740.5	819.5	802.5	796.3	943.5	1028.6	1008.5	1013.2	1062.8
45°	1160.4	957.4	678.5	692.5	754.4	749.8	886.1	968.3	954.3	966.7	1017.9
47.5°	1101.5	901.7	658.4	574.7	703.3	701.8	822.6	909.4	901.7	914.1	968.3
50°	1020.9	839.7	656.9	492.6	646.0	652.2	746.7	852.1	852.1	862.9	920.2
52.5°	917.1	763.8	596.4	446.1	579.4	598.0	680.1	802.5	805.6	816.4	867.6
55°	822.6	684.8	553.1	410.6	500.4	540.7	615.0	751.4	757.5	768.4	814.9
57.5°	735.9	570.1	543.8	368.7	427.6	466.3	557.7	701.8	704.9	714.2	759.1
60°	643.0	412.1	498.9	323.8	364.1	393.5	505.0	643.0	653.7	660.0	698.7
62.5°	537.5	299.0	452.4	292.8	333.1	339.3	461.7	587.1	601.1	605.8	629.0
65°	382.7	250.9	384.2	266.5	300.5	302.1	415.2	529.8	542.2	549.9	567.0
67.5°	258.7	204.5	292.8	241.7	275.7	277.3	370.3	463.2	480.2	486.5	497.3
70°	179.7	136.4	216.9	215.4	247.9	250.9	322.2	402.8	418.3	423.0	429.1
72.5°	131.7	110.0	179.7	193.7	218.4	221.5	272.7	334.6	350.1	354.7	357.9
75°	100.7	116.2	145.6	168.9	185.9	187.4	223.1	272.7	283.5	286.6	288.1
77.5°	80.5	108.4	106.9	136.4	151.8	148.7	175.1	210.7	220.0	220.0	220.0
80°	60.4	85.2	80.5	97.6	111.6	108.4	125.5	150.3	153.4	156.5	154.9
82.5°	44.9	54.2	54.2	62.0	74.4	71.3	83.6	97.6	97.6	97.6	100.7
85°	27.9	31.0	24.8	32.6	41.8	40.3	46.5	52.7	54.2	54.2	51.1
87.5°	17.0	13.9	7.8	12.4	18.6	18.6	21.7	23.3	21.7	21.7	21.7
90°	18.6	12.9	7.2	12.9	18.6	20.0	31.5	46.8	54.4	48.4	36.3
92.5°	126.0	77.3	28.6	77.3	126.0	138.2	194.3	269.0	306.5	268.6	192.9
95°	247.0	157.8	68.8	157.8	247.0	269.3	478.1	756.6	895.8	799.4	606.5
97.5°	276.1	197.5	118.9	197.5	276.1	295.8	644.0	1108.3	1340.5	1279.5	1157.6
100°	300.1	228.8	157.5	228.8	300.1	317.9	704.4	1219.6	1477.2	1481.7	1490.6
102.5°	323.5	257.0	190.5	257.0	323.5	340.1	732.0	1254.6	1516.0	1593.6	1748.9
105°	359.0	302.7	246.3	302.7	359.0	373.1	752.6	1258.6	1511.7	1685.8	2034.0
107.5°	408.6	356.1	303.6	356.1	408.6	421.8	756.4	1202.7	1425.7	1668.6	2154.2
110°	437.1	389.7	342.3	389.7	437.1	449.0	750.7	1153.0	1354.1	1625.6	2168.6



TEST NUMBER: P934621

CATALOG NUMBER: SQ4-FA-075U-050D-927-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	470.6	425.4	380.2	425.4	470.6	481.9	751.0	1109.6	1289.0	1566.8	2122.5
115°	520.9	479.2	437.5	479.2	520.9	531.3	757.8	1059.9	1210.9	1478.6	2013.9
117.5°	569.8	532.0	494.1	532.0	569.8	579.3	771.9	1028.7	1157.2	1398.7	1881.8
120°	598.3	562.7	527.1	562.7	598.3	607.2	783.4	1018.2	1135.7	1356.4	1797.8
122.5°	631.2	595.2	559.3	595.2	631.2	640.2	799.9	1012.8	1119.2	1317.9	1715.5
125°	674.3	641.5	608.7	641.5	674.3	682.5	822.1	1008.2	1101.3	1270.2	1607.8
127.5°	715.0	681.9	648.8	681.9	715.0	723.3	844.3	1005.6	1086.3	1231.3	1521.2
130°	741.5	705.9	670.3	705.9	741.5	750.4	860.5	1007.2	1080.5	1209.6	1467.7
132.5°	763.7	728.1	692.5	728.1	763.7	772.6	873.6	1008.2	1075.5	1191.0	1422.1
135°	790.3	757.8	725.4	757.8	790.3	798.4	888.0	1007.3	1067.0	1163.7	1357.2
137.5°	823.4	791.2	759.1	791.2	823.4	831.4	909.4	1013.5	1065.5	1147.3	1310.9
140°	846.2	816.5	786.9	816.5	846.2	853.5	922.5	1014.6	1060.5	1131.2	1272.5
142.5°	863.2	835.8	808.4	835.8	863.2	870.0	933.5	1018.2	1060.5	1122.6	1246.7
145°	889.1	865.2	841.4	865.2	889.1	895.1	947.9	1018.2	1053.4	1104.1	1205.7
147.5°	920.8	897.6	874.3	897.6	920.8	926.6	968.9	1025.2	1053.4	1093.3	1173.2
150°	937.9	916.8	895.8	916.8	937.9	943.1	979.8	1028.9	1053.4	1087.1	1154.5
152.5°	949.8	933.9	918.0	933.9	949.8	953.8	987.0	1031.3	1053.4	1082.2	1139.8
155°	974.5	962.7	951.0	962.7	974.5	977.4	1002.8	1036.5	1053.4	1076.3	1122.1
157.5°	998.2	986.8	975.3	986.8	998.2	1001.1	1018.5	1041.7	1053.4	1071.1	1106.8
160°	1009.6	1000.7	991.8	1000.7	1009.6	1011.9	1025.7	1044.1	1053.4	1068.6	1099.2
162.5°	1021.6	1014.9	1008.2	1014.9	1021.6	1023.3	1033.3	1046.7	1053.4	1066.2	1092.0
165°	1038.2	1032.2	1026.2	1032.2	1038.2	1039.7	1044.3	1050.4	1053.4	1062.6	1081.0
167.5°	1048.4	1045.4	1042.6	1045.4	1048.4	1049.0	1052.9	1058.0	1060.5	1066.5	1078.6
170°	1059.1	1056.2	1053.4	1056.2	1059.1	1059.8	1060.1	1060.4	1060.5	1066.5	1078.6
172.5°	1060.4	1059.7	1059.1	1059.7	1060.4	1060.5	1060.5	1060.5	1060.5	1065.3	1074.8
175°	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1064.8	1062.0	1060.5	1063.5	1069.6
177.5°	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1065.3	1063.1	1062.0	1064.4	1069.1
180°	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0



TEST NUMBER: P934621

CATALOG NUMBER: SQ4-FA-075U-050D-927-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1637.5	1637.5	1637.5	1637.5	1637.5	1637.5	1637.5	1637.5	1637.5	1637.5	1637.5
2.5°	1580.2	1575.6	1581.7	1564.7	1581.7	1575.6	1580.2	1591.1	1581.7	1588.0	1594.1
5°	1386.5	1378.8	1354.0	1333.9	1354.0	1378.8	1386.5	1419.1	1434.6	1462.5	1499.7
7.5°	1239.4	1233.2	1227.0	1214.6	1227.0	1233.2	1239.4	1248.6	1264.2	1288.9	1316.9
10°	1206.8	1208.4	1217.7	1216.1	1217.7	1208.4	1206.8	1203.7	1199.1	1203.7	1220.8
12.5°	1290.5	1304.5	1355.6	1352.4	1355.6	1304.5	1290.5	1228.5	1186.7	1178.9	1182.0
15°	1386.5	1391.2	1402.0	1403.6	1402.0	1391.2	1386.5	1361.7	1236.2	1182.0	1165.0
17.5°	1395.9	1397.4	1405.1	1405.1	1405.1	1397.4	1395.9	1385.0	1343.2	1270.3	1174.3
20°	1388.1	1391.2	1406.7	1409.8	1406.7	1391.2	1388.1	1374.1	1350.9	1324.6	1251.8
22.5°	1385.0	1391.2	1403.6	1402.0	1403.6	1391.2	1385.0	1363.3	1343.2	1324.6	1295.1
25°	1369.5	1369.5	1371.1	1372.6	1371.1	1369.5	1369.5	1352.4	1312.2	1307.5	1290.5
27.5°	1337.0	1340.0	1349.3	1347.8	1349.3	1340.0	1337.0	1330.8	1287.4	1282.7	1270.3
30°	1307.5	1304.5	1296.7	1290.5	1296.7	1304.5	1307.5	1298.2	1254.9	1242.5	1245.6
32.5°	1257.9	1250.2	1242.5	1237.9	1242.5	1250.2	1257.9	1254.9	1222.3	1205.3	1208.4
35°	1199.1	1200.7	1199.1	1194.4	1199.1	1200.7	1199.1	1202.2	1182.0	1166.6	1165.0
37.5°	1157.2	1160.4	1158.8	1152.6	1158.8	1160.4	1157.2	1154.2	1126.3	1121.7	1124.7
40°	1113.9	1115.4	1113.9	1109.3	1113.9	1115.4	1113.9	1107.6	1069.0	1070.5	1081.3
42.5°	1072.1	1070.5	1065.8	1062.8	1065.8	1070.5	1072.1	1062.8	1013.2	1008.5	1028.6
45°	1024.0	1025.6	1016.2	1011.6	1016.2	1025.6	1024.0	1017.9	966.7	954.3	968.3
47.5°	976.0	976.0	968.3	963.6	968.3	976.0	976.0	968.3	914.1	901.7	909.4
50°	924.8	923.3	912.4	910.9	912.4	923.3	924.8	920.2	862.9	852.1	852.1
52.5°	866.0	866.0	867.6	870.6	867.6	866.0	866.0	867.6	816.4	805.6	802.5
55°	814.9	816.4	827.3	830.4	827.3	816.4	814.9	814.9	768.4	757.5	751.4
57.5°	762.2	762.2	769.9	769.9	769.9	762.2	762.2	759.1	714.2	704.9	701.8
60°	701.8	704.9	711.1	709.6	711.1	704.9	701.8	698.7	660.0	653.7	643.0
62.5°	638.3	641.4	643.0	639.8	643.0	641.4	638.3	629.0	605.8	601.1	587.1
65°	571.6	574.7	576.3	573.2	576.3	574.7	571.6	567.0	549.9	542.2	529.8
67.5°	503.5	502.0	500.4	506.6	500.4	502.0	503.5	497.3	486.5	480.2	463.2
70°	433.7	433.7	432.2	435.4	432.2	433.7	433.7	429.1	423.0	418.3	402.8
72.5°	359.4	357.9	364.1	359.4	364.1	357.9	359.4	357.9	354.7	350.1	334.6
75°	286.6	289.7	286.6	291.2	286.6	289.7	286.6	288.1	286.6	283.5	272.7
77.5°	218.4	221.5	218.4	218.4	218.4	221.5	218.4	220.0	220.0	220.0	210.7
80°	154.9	153.4	153.4	151.8	153.4	153.4	154.9	154.9	156.5	153.4	150.3
82.5°	99.2	97.6	97.6	100.7	97.6	97.6	99.2	100.7	97.6	97.6	97.6
85°	54.2	55.7	52.7	52.7	52.7	55.7	54.2	51.1	54.2	54.2	52.7
87.5°	20.2	18.6	18.6	18.6	18.6	18.6	20.2	21.7	21.7	21.7	23.3
90°	27.2	27.2	27.2	27.2	27.2	27.2	27.2	36.3	48.4	54.4	46.8
92.5°	136.1	130.7	109.0	87.4	109.0	130.7	136.1	192.9	268.6	306.5	269.0
95°	461.8	445.4	379.9	314.4	379.9	445.4	461.8	606.5	799.4	895.8	756.6
97.5°	1066.2	1035.0	910.3	785.6	910.3	1035.0	1066.2	1157.6	1279.5	1340.5	1108.3
100°	1497.3	1460.2	1311.5	1162.9	1311.5	1460.2	1497.3	1490.6	1481.7	1477.2	1219.6
102.5°	1865.4	1833.6	1706.2	1579.0	1706.2	1833.6	1865.4	1748.9	1593.6	1516.0	1254.6
105°	2295.1	2278.0	2209.5	2141.1	2209.5	2278.0	2295.1	2034.0	1685.8	1511.7	1258.6
107.5°	2518.4	2522.6	2539.2	2555.7	2539.2	2522.6	2518.4	2154.2	1668.6	1425.7	1202.7
110°	2575.7	2593.5	2664.8	2736.1	2664.8	2593.5	2575.7	2168.6	1625.6	1354.1	1153.0



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2539.2	2566.6	2676.1	2785.6	2676.1	2566.6	2539.2	2122.5	1566.8	1289.0	1109.6
115°	2415.3	2453.3	2605.1	2756.9	2605.1	2453.3	2415.3	2013.9	1478.6	1210.9	1059.9
117.5°	2244.2	2286.3	2454.6	2623.0	2454.6	2286.3	2244.2	1881.8	1398.7	1157.2	1028.7
120°	2128.9	2169.8	2333.4	2497.0	2333.4	2169.8	2128.9	1797.8	1356.4	1135.7	1018.2
122.5°	2013.6	2054.0	2215.3	2376.7	2215.3	2054.0	2013.6	1715.5	1317.9	1119.2	1012.8
125°	1861.1	1898.3	2046.9	2195.5	2046.9	1898.3	1861.1	1607.8	1270.2	1101.3	1008.2
127.5°	1738.7	1770.0	1895.4	2020.8	1895.4	1770.0	1738.7	1521.2	1231.3	1086.3	1005.6
130°	1661.3	1690.2	1806.1	1922.0	1806.1	1690.2	1661.3	1467.7	1209.6	1080.5	1007.2
132.5°	1595.4	1621.4	1725.1	1828.9	1725.1	1621.4	1595.4	1422.1	1191.0	1075.5	1008.2
135°	1502.3	1524.7	1614.2	1703.5	1614.2	1524.7	1502.3	1357.2	1163.7	1067.0	1007.3
137.5°	1433.6	1451.9	1525.1	1598.3	1525.1	1451.9	1433.6	1310.9	1147.3	1065.5	1013.5
140°	1378.5	1395.5	1464.0	1532.4	1464.0	1395.5	1378.5	1272.5	1131.2	1060.5	1014.6
142.5°	1339.8	1354.5	1413.4	1472.2	1413.4	1354.5	1339.8	1246.7	1122.6	1060.5	1018.2
145°	1281.8	1293.0	1337.5	1382.0	1337.5	1293.0	1281.8	1205.7	1104.1	1053.4	1018.2
147.5°	1233.1	1242.3	1279.2	1316.2	1279.2	1242.3	1233.1	1173.2	1093.3	1053.4	1025.2
150°	1205.1	1212.6	1242.5	1272.5	1242.5	1212.6	1205.1	1154.5	1087.1	1053.4	1028.9
152.5°	1183.0	1188.6	1211.2	1233.8	1211.2	1188.6	1183.0	1139.8	1082.2	1053.4	1031.3
155°	1156.5	1160.2	1175.2	1190.1	1175.2	1160.2	1156.5	1122.1	1076.3	1053.4	1036.5
157.5°	1133.5	1136.1	1146.7	1157.2	1146.7	1136.1	1133.5	1106.8	1071.1	1053.4	1041.7
160°	1122.1	1123.7	1129.7	1135.7	1129.7	1123.7	1122.1	1099.2	1068.6	1053.4	1044.1
162.5°	1111.3	1112.8	1118.5	1124.3	1118.5	1112.8	1111.3	1092.0	1066.2	1053.4	1046.7
165°	1094.9	1096.4	1102.4	1108.5	1102.4	1096.4	1094.9	1081.0	1062.6	1053.4	1050.4
167.5°	1087.7	1088.3	1090.9	1093.5	1090.9	1088.3	1087.7	1078.6	1066.5	1060.5	1058.0
170°	1087.7	1087.7	1087.7	1087.7	1087.7	1087.7	1087.7	1078.6	1066.5	1060.5	1060.4
172.5°	1082.0	1081.5	1079.2	1077.0	1079.2	1081.5	1082.0	1074.8	1065.3	1060.5	1060.5
175°	1074.2	1074.2	1074.2	1074.2	1074.2	1074.2	1074.2	1069.6	1063.5	1060.5	1062.0
177.5°	1072.7	1072.1	1069.5	1067.0	1069.5	1072.1	1072.7	1069.1	1064.4	1062.0	1063.1
180°	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1637.5	1637.5	1637.5	1637.5	1637.5
2.5°	1617.4	1625.1	1629.8	1635.9	1651.4
5°	1555.4	1584.8	1594.1	1617.4	1645.3
7.5°	1419.1	1508.9	1533.7	1589.5	1632.9
10°	1287.4	1377.2	1420.6	1552.3	1617.4
12.5°	1220.8	1273.4	1302.9	1487.3	1595.7
15°	1178.9	1216.1	1237.9	1400.5	1570.9
17.5°	1146.4	1172.8	1188.3	1315.3	1536.8
20°	1126.3	1138.7	1152.6	1253.3	1498.1
22.5°	1112.3	1104.6	1115.4	1209.9	1445.4
25°	1103.0	1073.6	1086.0	1175.9	1383.5
27.5°	1110.8	1045.7	1050.4	1144.8	1318.4
30°	1112.3	1011.6	1013.2	1112.3	1245.6
32.5°	1101.5	976.0	977.5	1072.1	1163.5
35°	1075.2	934.2	932.6	1025.6	1051.9
37.5°	1039.5	889.3	889.3	974.4	929.5
40°	996.1	844.3	849.0	907.8	821.1
42.5°	943.5	796.3	802.5	819.5	740.5
45°	886.1	749.8	754.4	692.5	678.5
47.5°	822.6	701.8	703.3	574.7	658.4
50°	746.7	652.2	646.0	492.6	656.9
52.5°	680.1	598.0	579.4	446.1	596.4
55°	615.0	540.7	500.4	410.6	553.1
57.5°	557.7	466.3	427.6	368.7	543.8
60°	505.0	393.5	364.1	323.8	498.9
62.5°	461.7	339.3	333.1	292.8	452.4
65°	415.2	302.1	300.5	266.5	384.2
67.5°	370.3	277.3	275.7	241.7	292.8
70°	322.2	250.9	247.9	215.4	216.9
72.5°	272.7	221.5	218.4	193.7	179.7
75°	223.1	187.4	185.9	168.9	145.6
77.5°	175.1	148.7	151.8	136.4	106.9
80°	125.5	108.4	111.6	97.6	80.5
82.5°	83.6	71.3	74.4	62.0	54.2
85°	46.5	40.3	41.8	32.6	24.8
87.5°	21.7	18.6	18.6	12.4	7.8
90°	31.5	20.0	18.6	12.9	7.2
92.5°	194.3	138.2	126.0	77.3	28.6
95°	478.1	269.3	247.0	157.8	68.8
97.5°	644.0	295.8	276.1	197.5	118.9
100°	704.4	317.9	300.1	228.8	157.5
102.5°	732.0	340.1	323.5	257.0	190.5
105°	752.6	373.1	359.0	302.7	246.3
107.5°	756.4	421.8	408.6	356.1	303.6
110°	750.7	449.0	437.1	389.7	342.3



TEST NUMBER: P934621

CATALOG NUMBER: SQ4-FA-075U-050D-927-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	751.0	481.9	470.6	425.4	380.2
115°	757.8	531.3	520.9	479.2	437.5
117.5°	771.9	579.3	569.8	532.0	494.1
120°	783.4	607.2	598.3	562.7	527.1
122.5°	799.9	640.2	631.2	595.2	559.3
125°	822.1	682.5	674.3	641.5	608.7
127.5°	844.3	723.3	715.0	681.9	648.8
130°	860.5	750.4	741.5	705.9	670.3
132.5°	873.6	772.6	763.7	728.1	692.5
135°	888.0	798.4	790.3	757.8	725.4
137.5°	909.4	831.4	823.4	791.2	759.1
140°	922.5	853.5	846.2	816.5	786.9
142.5°	933.5	870.0	863.2	835.8	808.4
145°	947.9	895.1	889.1	865.2	841.4
147.5°	968.9	926.6	920.8	897.6	874.3
150°	979.8	943.1	937.9	916.8	895.8
152.5°	987.0	953.8	949.8	933.9	918.0
155°	1002.8	977.4	974.5	962.7	951.0
157.5°	1018.5	1001.1	998.2	986.8	975.3
160°	1025.7	1011.9	1009.6	1000.7	991.8
162.5°	1033.3	1023.3	1021.6	1014.9	1008.2
165°	1044.3	1039.7	1038.2	1032.2	1026.2
167.5°	1052.9	1049.0	1048.4	1045.4	1042.6
170°	1060.1	1059.8	1059.1	1056.2	1053.4
172.5°	1060.5	1060.5	1060.4	1059.7	1059.1
175°	1064.8	1067.0	1067.0	1067.0	1067.0
177.5°	1065.3	1067.0	1067.0	1067.0	1067.0
180°	1067.0	1067.0	1067.0	1067.0	1067.0



TEST NUMBER: P934621
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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	9.23	10.00	10.29	11.05	12.49	12.08	12.85	13.14	13.90	15.34
	3H	9.70	10.39	10.77	11.45	12.90	13.43	14.11	14.49	15.18	16.63
	4H	9.89	10.54	10.96	11.60	13.06	13.87	14.52	14.95	15.59	17.05
	6H	10.00	10.60	11.09	11.67	13.14	14.16	14.75	15.24	15.83	17.29
	8H	10.00	10.57	11.09	11.66	13.12	14.23	14.80	15.32	15.89	17.35
	12H	9.97	10.51	11.06	11.59	13.08	14.27	14.81	15.36	15.89	17.38
4H	2H	10.26	10.91	11.34	11.97	13.43	12.48	13.13	13.56	14.20	15.65
	3H	11.28	11.82	12.36	12.91	14.38	13.98	14.52	15.07	15.62	17.09
	4H	11.55	12.04	12.64	13.13	14.62	14.51	15.01	15.60	16.09	17.58
	6H	11.67	12.09	12.77	13.20	14.69	14.88	15.30	15.98	16.41	17.89
	8H	11.67	12.07	12.77	13.17	14.67	14.98	15.38	16.09	16.48	17.98
	12H	11.63	11.99	12.75	13.11	14.61	15.04	15.40	16.16	16.51	18.02
8H	4H	12.00	12.39	13.10	13.49	15.00	14.63	15.02	15.73	16.12	17.63
	6H	12.25	12.58	13.38	13.72	15.22	15.06	15.39	16.19	16.54	18.03
	8H	12.30	12.58	13.43	13.71	15.22	15.22	15.51	16.35	16.63	18.15
	12H	12.28	12.53	13.41	13.65	15.20	15.32	15.57	16.45	16.69	18.24
12H	4H	12.00	12.36	13.12	13.47	14.98	14.59	14.95	15.71	16.06	17.57
	6H	12.32	12.60	13.45	13.73	15.24	15.06	15.35	16.19	16.47	17.99
	8H	12.38	12.63	13.51	13.75	15.30	15.22	15.47	16.36	16.59	18.15