

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: P935504

Luminaire Tested: SQ4-FA-125U-050D-B40-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935504
REPORT IS A COMBINATION OF REPORTS P933756 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-050D-B40-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

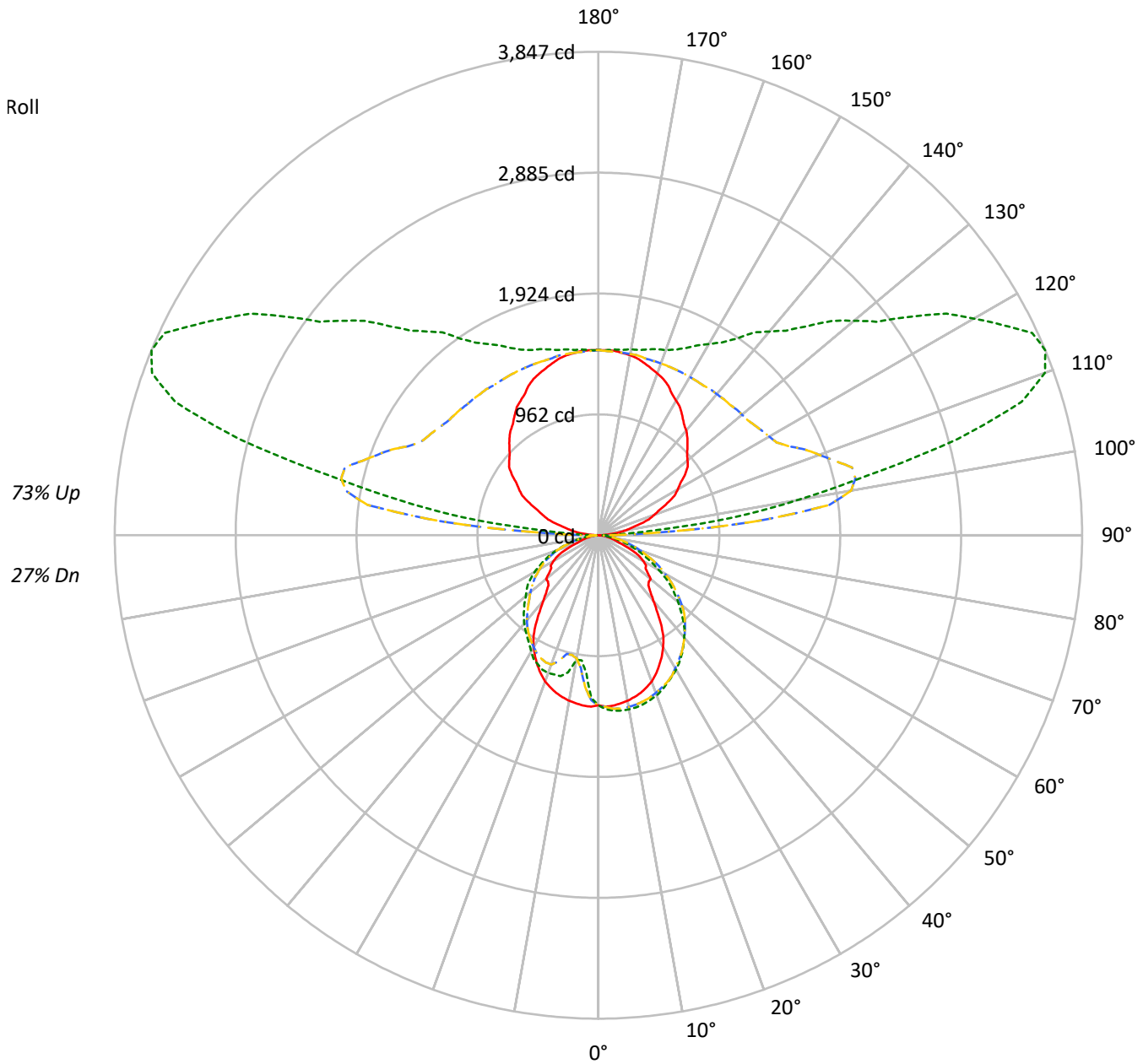
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13068.3 lumens
Efficiency: N/A
Efficacy: 137.3 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 95.2
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	102	102	102	102	91	91	91	91	71	71	71	52	52	52	35	35	35				27
1	93	88	85	81	83	79	76	73	62	60	58	46	44	43	31	30	29				23
2	84	77	71	66	75	69	64	60	54	51	48	40	38	36	27	26	25				19
3	77	68	61	55	68	61	55	50	48	43	40	35	33	30	24	22	21				16
4	70	60	52	47	62	54	47	42	42	38	34	31	28	26	21	20	18				14
5	64	53	45	40	57	48	41	36	38	33	29	28	25	22	19	17	16				12
6	59	48	40	34	53	43	36	31	34	29	25	25	22	19	17	15	14				10
7	55	43	35	30	49	38	32	27	30	26	22	23	20	17	16	14	12				9
8	50	39	31	26	45	35	28	24	28	23	19	21	18	15	15	12	11				8
9	47	35	28	23	42	32	25	21	25	21	17	19	16	14	13	11	10				7
10	44	32	25	20	39	29	23	19	23	19	15	18	14	12	12	10	9				7

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	6282	6282	6282	6282
5°	6329	6341	6329	4986
10°	6286	6246	6286	4466
15°	6218	6111	6218	5103
20°	6088	5951	6088	5114
25°	5822	5717	5822	5005
30°	5478	5523	5478	4767
35°	4883	5277	4883	4506
40°	4069	4988	4069	4308
45°	3636	4650	3636	4081
50°	3863	4247	3863	3853
55°	3634	3812	3634	3721
60°	3747	3237	3747	3408
65°	3396	2676	3396	2992
70°	2352	2133	2352	2507
75°	2062	1576	2062	1888
80°	1662	1042	1662	1135
85°	955	553	955	469

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5572 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	122.2	0.9
10°-20°	347.0	2.7
20°-30°	536.4	4.1
30°-40°	640.4	4.9
40°-50°	644.1	4.9
50°-60°	560.5	4.3
60°-70°	397.4	3.0
70°-80°	210.2	1.6
80°-90°	58.0	0.4
90°-100°	718.3	5.5
100°-110°	1888.3	14.4
110°-120°	1958.0	15.0
120°-130°	1570.5	12.0
130°-140°	1232.3	9.4
140°-150°	945.9	7.2
150°-160°	681.2	5.2
160°-170°	416.8	3.2
170°-180°	140.8	1.1
0°-30°	1005.6	7.7
0°-40°	1646.0	12.6
0°-60°	2850.6	21.8
0°-90°	3516.2	26.9
90°-120°	4564.6	34.9
90°-150°	8313.3	63.6
90°-180°	9552.0	73.1
0°-180°	13068.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1354	1354	1354	1354	1354	
5°	1360	1403	1360	1103	1360	129
15°	1299	1390	1299	1160	1299	365
25°	1144	1296	1144	1135	1144	525
35°	870	1157	870	988	870	538
45°	561	953	561	836	561	449
55°	457	703	457	686	457	420
65°	318	424	318	474	318	304
75°	120	201	120	241	120	127
85°	20	51	20	44	20	28
90°	10	38	10	38	10	9
95°	95	434	95	434	95	105
105°	340	2957	340	2957	340	361
115°	604	3807	604	3807	604	597
125°	841	3032	841	3032	841	746
135°	1002	2353	1002	2353	1002	775
145°	1162	1909	1162	1909	1162	728
155°	1313	1644	1313	1644	1313	603
165°	1417	1531	1417	1531	1417	400
175°	1474	1483	1474	1483	1474	140
180°	1474	1474	1474	1474	1474	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1354.0	1354.0	1354.0	1354.0	1354.0	1354.0	1354.0	1354.0	1354.0	1354.0	1354.0
2.5°	1365.5	1365.5	1373.2	1375.8	1375.8	1371.9	1368.0	1371.9	1383.4	1387.2	1386.0
5°	1360.4	1370.6	1384.8	1387.2	1389.8	1388.6	1386.0	1388.6	1401.4	1403.9	1405.2
7.5°	1350.1	1369.4	1387.2	1391.1	1395.0	1391.1	1389.8	1392.4	1405.2	1407.8	1407.8
10°	1337.3	1364.2	1384.8	1387.2	1391.1	1387.2	1387.2	1392.4	1405.2	1407.8	1409.0
12.5°	1319.3	1356.5	1375.8	1378.3	1383.4	1382.2	1380.8	1386.0	1398.8	1401.4	1401.4
15°	1298.9	1342.4	1360.4	1362.9	1371.9	1369.4	1369.4	1374.4	1388.6	1392.4	1391.1
17.5°	1270.7	1324.5	1345.0	1348.8	1355.2	1354.0	1355.2	1360.4	1373.2	1375.8	1377.0
20°	1238.6	1300.1	1324.5	1328.3	1334.7	1334.7	1334.7	1341.1	1354.0	1359.1	1359.1
22.5°	1195.1	1274.5	1300.1	1302.7	1310.5	1310.5	1312.9	1321.9	1333.5	1334.7	1334.7
25°	1143.9	1246.4	1268.1	1275.8	1283.5	1287.3	1291.2	1296.3	1300.1	1298.9	1300.1
27.5°	1090.1	1210.5	1238.6	1243.8	1254.0	1257.9	1263.0	1264.3	1265.6	1269.4	1266.9
30°	1029.9	1160.5	1202.8	1208.0	1224.6	1227.2	1222.0	1224.6	1231.0	1233.6	1236.2
32.5°	962.0	1086.2	1165.7	1177.2	1192.6	1184.9	1183.6	1187.4	1197.7	1197.7	1200.2
35°	869.7	1028.6	1131.1	1141.3	1152.9	1143.9	1149.1	1150.3	1156.7	1160.5	1159.3
37.5°	768.6	978.7	1095.2	1102.9	1111.9	1100.4	1108.0	1111.9	1117.0	1114.4	1114.4
40°	678.9	900.5	1053.0	1058.0	1065.8	1056.8	1064.4	1067.0	1069.6	1067.0	1065.8
42.5°	612.3	814.7	1008.1	1014.5	1009.3	1015.8	1018.3	1023.5	1019.7	1014.5	1014.5
45°	561.1	791.6	959.4	967.1	959.4	969.7	973.5	973.5	962.0	959.4	958.2
47.5°	544.4	745.5	910.8	910.8	906.9	919.8	926.2	917.2	905.6	901.8	901.8
50°	543.1	694.3	844.1	839.1	856.9	872.3	865.9	856.9	847.9	833.9	833.9
52.5°	493.2	631.5	758.4	777.6	805.7	814.7	804.4	795.5	780.1	773.6	768.6
55°	457.3	566.2	680.2	718.6	748.1	759.6	740.4	731.4	708.3	704.5	701.9
57.5°	449.6	471.4	608.4	657.1	692.9	691.7	680.2	663.5	644.3	640.5	639.2
60°	412.5	340.7	531.6	589.2	626.4	622.6	612.3	596.9	579.0	576.4	573.9
62.5°	374.1	247.2	444.5	509.8	562.3	561.1	552.1	529.1	516.2	509.8	504.7
65°	317.6	207.5	316.4	424.0	499.6	502.1	482.9	466.2	452.2	444.5	443.2
67.5°	242.1	169.1	213.9	353.5	439.4	436.8	412.5	404.8	386.9	383.1	375.3
70°	179.3	112.7	148.6	287.0	380.5	374.1	354.8	345.9	329.2	320.2	315.2
72.5°	148.6	90.9	108.9	222.9	320.2	312.6	295.9	285.6	271.6	263.9	258.7
75°	120.4	96.1	83.3	165.2	260.0	254.9	239.5	229.3	217.7	207.5	208.8
77.5°	88.4	89.7	66.6	121.7	206.3	198.5	189.6	176.8	171.6	161.4	161.4
80°	66.6	70.5	49.9	83.3	148.6	148.6	140.9	132.0	123.0	117.8	117.8
82.5°	44.8	44.8	37.1	52.5	101.2	97.3	92.3	89.7	84.5	81.9	81.9
85°	20.5	25.6	23.0	32.0	55.1	57.7	57.7	55.1	53.8	51.3	52.5
87.5°	6.4	11.6	14.1	18.0	28.2	29.5	30.8	30.8	30.8	32.0	32.0
90°	9.9	17.9	25.7	27.7	43.5	64.7	75.2	66.8	50.0	37.5	37.5
92.5°	39.5	106.8	174.1	190.9	268.4	371.6	423.3	370.9	266.3	187.8	180.4
95°	94.9	218.0	341.1	371.9	660.3	1044.9	1237.1	1104.0	837.6	637.8	615.2
97.5°	164.2	272.7	381.3	408.5	889.4	1530.7	1851.3	1767.1	1598.8	1472.5	1429.4
100°	217.5	316.0	414.5	439.1	972.8	1684.3	2040.2	2046.3	2058.6	2067.9	2016.6
102.5°	263.0	354.9	446.7	469.8	1011.1	1732.8	2093.6	2200.8	2415.3	2576.1	2532.2
105°	340.2	418.0	495.7	515.2	1039.3	1738.2	2087.6	2328.0	2808.8	3169.5	3145.9
107.5°	419.3	491.8	564.3	582.5	1044.6	1660.8	1968.9	2304.3	2975.0	3478.0	3483.7
110°	472.7	538.2	603.8	620.1	1036.7	1592.3	1870.1	2245.0	2994.8	3557.1	3581.7



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	525.2	587.5	650.0	665.5	1037.0	1532.4	1780.0	2163.7	2931.1	3506.7	3544.5
115°	604.2	661.8	719.3	733.7	1046.6	1463.7	1672.3	2041.9	2781.2	3335.6	3388.1
117.5°	682.3	734.7	786.9	800.0	1066.1	1420.8	1598.1	1931.7	2598.8	3099.3	3157.4
120°	727.8	777.1	826.3	838.6	1081.8	1406.2	1568.4	1873.2	2482.8	2940.1	2996.5
122.5°	772.3	822.0	871.6	884.0	1104.6	1398.6	1545.7	1820.1	2369.2	2780.9	2836.5
125°	840.6	885.9	931.1	942.4	1135.2	1392.4	1520.9	1754.1	2220.5	2570.2	2621.5
127.5°	896.0	941.7	987.4	998.8	1166.0	1388.8	1500.2	1700.4	2100.8	2401.1	2444.3
130°	925.6	974.9	1024.0	1036.4	1188.3	1391.0	1492.3	1670.5	2027.0	2294.3	2334.3
132.5°	956.2	1005.5	1054.7	1067.0	1206.5	1392.4	1485.3	1644.9	1964.0	2203.3	2239.1
135°	1001.8	1046.6	1091.5	1102.6	1226.2	1391.1	1473.5	1607.1	1874.3	2074.7	2105.6
137.5°	1048.2	1092.6	1137.0	1148.1	1255.9	1399.6	1471.5	1584.4	1810.4	1979.8	2005.1
140°	1086.8	1127.7	1168.5	1178.8	1274.1	1401.1	1464.6	1562.2	1757.3	1903.7	1927.3
142.5°	1116.5	1154.3	1192.0	1201.5	1289.2	1406.1	1464.6	1550.3	1721.7	1850.2	1870.6
145°	1161.9	1194.9	1227.9	1236.2	1309.0	1406.1	1454.7	1524.8	1665.0	1770.2	1785.6
147.5°	1207.5	1239.6	1271.7	1279.7	1338.1	1415.8	1454.7	1509.9	1620.2	1703.0	1715.7
150°	1237.1	1266.1	1295.2	1302.4	1353.1	1420.8	1454.7	1501.3	1594.5	1664.4	1674.7
152.5°	1267.8	1289.7	1311.7	1317.2	1363.1	1424.1	1454.7	1494.5	1574.0	1633.7	1641.5
155°	1313.3	1329.6	1345.8	1349.9	1384.8	1431.4	1454.7	1486.4	1549.7	1597.1	1602.3
157.5°	1346.9	1362.7	1378.5	1382.5	1406.5	1438.6	1454.7	1479.3	1528.5	1565.4	1569.1
160°	1369.7	1382.0	1394.3	1397.4	1416.5	1442.0	1454.7	1475.8	1518.0	1549.6	1551.7
162.5°	1392.4	1401.6	1410.8	1413.1	1427.0	1445.4	1454.7	1472.4	1508.0	1534.8	1536.8
165°	1417.1	1425.5	1433.8	1435.9	1442.1	1450.5	1454.7	1467.5	1493.0	1512.1	1514.2
167.5°	1439.9	1443.8	1447.8	1448.7	1454.0	1461.1	1464.6	1472.9	1489.6	1502.1	1503.0
170°	1454.7	1458.7	1462.7	1463.6	1463.9	1464.4	1464.6	1472.9	1489.6	1502.1	1502.1
172.5°	1462.6	1463.4	1464.4	1464.6	1464.6	1464.6	1464.6	1471.2	1484.4	1494.3	1493.5
175°	1473.5	1473.5	1473.5	1473.5	1470.5	1466.6	1464.6	1468.8	1477.1	1483.4	1483.4
177.5°	1473.5	1473.5	1473.5	1473.5	1471.2	1468.1	1466.6	1469.8	1476.4	1481.4	1480.5
180°	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1354.0	1354.0	1354.0	1354.0	1354.0	1354.0	1354.0	1354.0	1354.0	1354.0	1354.0
2.5°	1388.6	1384.8	1388.6	1386.0	1387.2	1383.4	1371.9	1368.0	1371.9	1375.8	1375.8
5°	1405.2	1402.6	1405.2	1405.2	1403.9	1401.4	1388.6	1386.0	1388.6	1389.8	1387.2
7.5°	1410.3	1406.5	1410.3	1407.8	1407.8	1405.2	1392.4	1389.8	1391.1	1395.0	1391.1
10°	1410.3	1406.5	1410.3	1409.0	1407.8	1405.2	1392.4	1387.2	1387.2	1391.1	1387.2
12.5°	1403.9	1401.4	1403.9	1401.4	1401.4	1398.8	1386.0	1380.8	1382.2	1383.4	1378.3
15°	1393.6	1389.8	1393.6	1391.1	1392.4	1388.6	1374.4	1369.4	1369.4	1371.9	1362.9
17.5°	1378.3	1373.2	1378.3	1377.0	1375.8	1373.2	1360.4	1355.2	1354.0	1355.2	1348.8
20°	1360.4	1356.5	1360.4	1359.1	1359.1	1354.0	1341.1	1334.7	1334.7	1334.7	1328.3
22.5°	1332.2	1328.3	1332.2	1334.7	1334.7	1333.5	1321.9	1312.9	1310.5	1310.5	1302.7
25°	1300.1	1296.3	1300.1	1300.1	1298.9	1300.1	1296.3	1291.2	1287.3	1283.5	1275.8
27.5°	1269.4	1266.9	1269.4	1266.9	1269.4	1265.6	1264.3	1263.0	1257.9	1254.0	1243.8
30°	1238.6	1236.2	1238.6	1236.2	1233.6	1231.0	1224.6	1222.0	1227.2	1224.6	1208.0
32.5°	1200.2	1197.7	1200.2	1200.2	1197.7	1197.7	1187.4	1183.6	1184.9	1192.6	1177.2
35°	1160.5	1156.7	1160.5	1159.3	1160.5	1156.7	1150.3	1149.1	1143.9	1152.9	1141.3
37.5°	1114.4	1110.6	1114.4	1114.4	1114.4	1117.0	1111.9	1108.0	1100.4	1111.9	1102.9
40°	1067.0	1061.9	1067.0	1065.8	1067.0	1069.6	1067.0	1064.4	1056.8	1065.8	1058.0
42.5°	1013.3	1011.9	1013.3	1014.5	1014.5	1019.7	1023.5	1018.3	1015.8	1009.3	1014.5
45°	955.6	953.0	955.6	958.2	959.4	962.0	973.5	973.5	969.7	959.4	967.1
47.5°	894.1	887.7	894.1	901.8	901.8	905.6	917.2	926.2	919.8	906.9	910.8
50°	828.7	830.1	828.7	833.9	833.9	847.9	856.9	865.9	872.3	856.9	839.1
52.5°	764.8	763.4	764.8	768.6	773.6	780.1	795.5	804.4	814.7	805.7	777.6
55°	700.7	703.3	700.7	701.9	704.5	708.3	731.4	740.4	759.6	748.1	718.6
57.5°	636.6	632.8	636.6	639.2	640.5	644.3	663.5	680.2	691.7	692.9	657.1
60°	562.3	557.2	562.3	573.9	576.4	579.0	596.9	612.3	622.6	626.4	589.2
62.5°	497.0	488.0	497.0	504.7	509.8	516.2	529.1	552.1	561.1	562.3	509.8
65°	427.8	424.0	427.8	443.2	444.5	452.2	466.2	482.9	502.1	499.6	424.0
67.5°	365.1	365.1	365.1	375.3	383.1	386.9	404.8	412.5	436.8	439.4	353.5
70°	307.4	306.2	307.4	315.2	320.2	329.2	345.9	354.8	374.1	380.5	287.0
72.5°	252.3	251.1	252.3	258.7	263.9	271.6	285.6	295.9	312.6	320.2	222.9
75°	203.7	201.1	203.7	208.8	207.5	217.7	229.3	239.5	254.9	260.0	165.2
77.5°	156.2	156.2	156.2	161.4	161.4	171.6	176.8	189.6	198.5	206.3	121.7
80°	116.6	115.3	116.6	117.8	117.8	123.0	132.0	140.9	148.6	148.6	83.3
82.5°	81.9	79.5	81.9	81.9	81.9	84.5	89.7	92.3	97.3	101.2	52.5
85°	51.3	51.3	51.3	52.5	51.3	53.8	55.1	57.7	57.7	55.1	32.0
87.5°	33.3	32.0	33.3	32.0	32.0	30.8	30.8	30.8	29.5	28.2	18.0
90°	37.5	37.5	37.5	37.5	37.5	50.0	66.8	75.2	64.7	43.5	27.7
92.5°	150.5	120.6	150.5	180.4	187.8	266.3	370.9	423.3	371.6	268.4	190.9
95°	524.7	434.1	524.7	615.2	637.8	837.6	1104.0	1237.1	1044.9	660.3	371.9
97.5°	1257.2	1084.9	1257.2	1429.4	1472.5	1598.8	1767.1	1851.3	1530.7	889.4	408.5
100°	1811.3	1606.0	1811.3	2016.6	2067.9	2058.6	2046.3	2040.2	1684.3	972.8	439.1
102.5°	2356.4	2180.6	2356.4	2532.2	2576.1	2415.3	2200.8	2093.6	1732.8	1011.1	469.8
105°	3051.3	2956.9	3051.3	3145.9	3169.5	2808.8	2328.0	2087.6	1738.2	1039.3	515.2
107.5°	3506.6	3529.4	3506.6	3483.7	3478.0	2975.0	2304.3	1968.9	1660.8	1044.6	582.5
110°	3680.2	3778.6	3680.2	3581.7	3557.1	2994.8	2245.0	1870.1	1592.3	1036.7	620.1



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3695.7	3846.8	3695.7	3544.5	3506.7	2931.1	2163.7	1780.0	1532.4	1037.0	665.5
115°	3597.7	3807.3	3597.7	3388.1	3335.6	2781.2	2041.9	1672.3	1463.7	1046.6	733.7
117.5°	3389.9	3622.4	3389.9	3157.4	3099.3	2598.8	1931.7	1598.1	1420.8	1066.1	800.0
120°	3222.5	3448.3	3222.5	2996.5	2940.1	2482.8	1873.2	1568.4	1406.2	1081.8	838.6
122.5°	3059.4	3282.2	3059.4	2836.5	2780.9	2369.2	1820.1	1545.7	1398.6	1104.6	884.0
125°	2826.8	3032.0	2826.8	2621.5	2570.2	2220.5	1754.1	1520.9	1392.4	1135.2	942.4
127.5°	2617.6	2790.7	2617.6	2444.3	2401.1	2100.8	1700.4	1500.2	1388.8	1166.0	998.8
130°	2494.3	2654.2	2494.3	2334.3	2294.3	2027.0	1670.5	1492.3	1391.0	1188.3	1036.4
132.5°	2382.4	2525.7	2382.4	2239.1	2203.3	1964.0	1644.9	1485.3	1392.4	1206.5	1067.0
135°	2229.2	2352.6	2229.2	2105.6	2074.7	1874.3	1607.1	1473.5	1391.1	1226.2	1102.6
137.5°	2106.2	2207.3	2106.2	2005.1	1979.8	1810.4	1584.4	1471.5	1399.6	1255.9	1148.1
140°	2021.8	2116.3	2021.8	1927.3	1903.7	1757.3	1562.2	1464.6	1401.1	1274.1	1178.8
142.5°	1951.8	2033.2	1951.8	1870.6	1850.2	1721.7	1550.3	1464.6	1406.1	1289.2	1201.5
145°	1847.1	1908.6	1847.1	1785.6	1770.2	1665.0	1524.8	1454.7	1406.1	1309.0	1236.2
147.5°	1766.7	1817.7	1766.7	1715.7	1703.0	1620.2	1509.9	1454.7	1415.8	1338.1	1279.7
150°	1716.0	1757.3	1716.0	1674.7	1664.4	1594.5	1501.3	1454.7	1420.8	1353.1	1302.4
152.5°	1672.7	1703.9	1672.7	1641.5	1633.7	1574.0	1494.5	1454.7	1424.1	1363.1	1317.2
155°	1622.9	1643.6	1622.9	1602.3	1597.1	1549.7	1486.4	1454.7	1431.4	1384.8	1349.9
157.5°	1583.6	1598.1	1583.6	1569.1	1565.4	1528.5	1479.3	1454.7	1438.6	1406.5	1382.5
160°	1560.0	1568.4	1560.0	1551.7	1549.6	1518.0	1475.8	1454.7	1442.0	1416.5	1397.4
162.5°	1544.7	1552.6	1544.7	1536.8	1534.8	1508.0	1472.4	1454.7	1445.4	1427.0	1413.1
165°	1522.5	1530.9	1522.5	1514.2	1512.1	1493.0	1467.5	1454.7	1450.5	1442.1	1435.9
167.5°	1506.5	1510.0	1506.5	1503.0	1502.1	1489.6	1472.9	1464.6	1461.1	1454.0	1448.7
170°	1502.1	1502.1	1502.1	1502.1	1502.1	1489.6	1472.9	1464.6	1464.4	1463.9	1463.6
172.5°	1490.4	1487.3	1490.4	1493.5	1494.3	1484.4	1471.2	1464.6	1464.6	1464.6	1464.6
175°	1483.4	1483.4	1483.4	1483.4	1483.4	1477.1	1468.8	1464.6	1466.6	1470.5	1473.5
177.5°	1477.0	1473.5	1477.0	1480.5	1481.4	1476.4	1469.8	1466.6	1468.1	1471.2	1473.5
180°	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1354.0	1354.0	1354.0	1354.0	1354.0	1354.0	1354.0	1354.0	1354.0	1354.0	1354.0
2.5°	1373.2	1365.5	1365.5	1352.7	1347.6	1343.7	1337.3	1318.1	1312.9	1307.9	1315.5
5°	1384.8	1370.6	1360.4	1337.3	1318.1	1310.5	1286.1	1240.0	1209.2	1186.1	1173.3
7.5°	1387.2	1369.4	1350.1	1314.3	1268.1	1247.6	1173.3	1088.8	1065.8	1045.2	1032.5
10°	1384.8	1364.2	1337.3	1283.5	1174.6	1138.7	1064.4	1009.3	995.3	991.5	995.3
12.5°	1375.8	1356.5	1319.3	1229.8	1077.2	1053.0	1009.3	977.3	974.8	981.2	1015.8
15°	1360.4	1342.4	1298.9	1157.9	1023.5	1005.5	974.8	963.3	977.3	1022.2	1125.9
17.5°	1345.0	1324.5	1270.7	1087.6	982.5	969.7	947.9	970.9	1050.4	1110.6	1145.1
20°	1324.5	1300.1	1238.6	1036.3	953.0	941.5	931.2	1035.0	1095.2	1117.0	1136.2
22.5°	1300.1	1274.5	1195.1	1000.5	922.2	913.4	919.8	1070.8	1095.2	1110.6	1127.2
25°	1268.1	1246.4	1143.9	972.3	898.0	887.7	912.0	1067.0	1081.2	1085.0	1118.3
27.5°	1238.6	1210.5	1090.1	946.6	868.5	864.7	918.4	1050.4	1060.6	1064.4	1100.4
30°	1202.8	1160.5	1029.9	919.8	837.7	836.5	919.8	1029.9	1027.3	1037.6	1073.4
32.5°	1165.7	1086.2	962.0	886.4	808.3	807.0	910.8	999.1	996.5	1010.7	1037.6
35°	1131.1	1028.6	869.7	847.9	771.2	772.4	889.0	963.3	964.6	977.3	994.1
37.5°	1095.2	978.7	768.6	805.7	735.3	735.3	859.5	930.0	927.4	931.2	954.3
40°	1053.0	900.5	678.9	750.6	701.9	698.1	823.7	894.1	885.1	883.9	915.8
42.5°	1008.1	814.7	612.3	677.7	663.5	658.4	780.1	850.5	833.9	837.7	878.7
45°	959.4	791.6	561.1	572.6	623.8	620.0	732.7	800.6	789.0	799.3	841.5
47.5°	910.8	745.5	544.4	475.2	581.6	580.3	680.2	751.9	745.5	755.8	800.6
50°	844.1	694.3	543.1	407.3	534.1	539.3	617.4	704.5	704.5	713.5	760.8
52.5°	758.4	631.5	493.2	368.9	479.0	494.4	562.3	663.5	666.1	675.1	717.3
55°	680.2	566.2	457.3	339.4	413.7	447.0	508.5	621.2	626.4	635.4	673.8
57.5°	608.4	471.4	449.6	304.8	353.5	385.5	461.2	580.3	582.8	590.5	627.6
60°	531.6	340.7	412.5	267.7	301.0	325.4	417.6	531.6	540.5	545.7	577.7
62.5°	444.5	247.2	374.1	242.1	275.4	280.5	381.7	485.5	497.0	500.9	520.1
65°	316.4	207.5	317.6	220.3	248.5	249.8	343.3	438.1	448.4	454.8	468.8
67.5°	213.9	169.1	242.1	199.8	228.1	229.3	306.2	383.1	397.1	402.2	411.2
70°	148.6	112.7	179.3	178.0	204.9	207.5	266.4	333.0	345.9	349.7	354.8
72.5°	108.9	90.9	148.6	160.2	180.6	183.2	225.5	276.7	289.5	293.4	295.9
75°	83.3	96.1	120.4	139.6	153.8	155.0	184.4	225.5	234.5	236.9	238.3
77.5°	66.6	89.7	88.4	112.7	125.5	123.0	144.8	174.2	181.9	181.9	181.9
80°	49.9	70.5	66.6	80.7	92.3	89.7	103.7	124.2	126.8	129.4	128.1
82.5°	37.1	44.8	44.8	51.3	61.5	58.9	69.1	80.7	80.7	80.7	83.3
85°	23.0	25.6	20.5	26.9	34.6	33.3	38.4	43.5	44.8	44.8	42.3
87.5°	14.1	11.6	6.4	10.2	15.4	15.4	18.0	19.2	18.0	18.0	18.0
90°	25.7	17.9	9.9	17.9	25.7	27.7	43.5	64.7	75.2	66.8	50.0
92.5°	174.1	106.8	39.5	106.8	174.1	190.9	268.4	371.6	423.3	370.9	266.3
95°	341.1	218.0	94.9	218.0	341.1	371.9	660.3	1044.9	1237.1	1104.0	837.6
97.5°	381.3	272.7	164.2	272.7	381.3	408.5	889.4	1530.7	1851.3	1767.1	1598.8
100°	414.5	316.0	217.5	316.0	414.5	439.1	972.8	1684.3	2040.2	2046.3	2058.6
102.5°	446.7	354.9	263.0	354.9	446.7	469.8	1011.1	1732.8	2093.6	2200.8	2415.3
105°	495.7	418.0	340.2	418.0	495.7	515.2	1039.3	1738.2	2087.6	2328.0	2808.8
107.5°	564.3	491.8	419.3	491.8	564.3	582.5	1044.6	1660.8	1968.9	2304.3	2975.0
110°	603.8	538.2	472.7	538.2	603.8	620.1	1036.7	1592.3	1870.1	2245.0	2994.8



TEST NUMBER: P935504

CATALOG NUMBER: SQ4-FA-125U-050D-B40-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	650.0	587.5	525.2	587.5	650.0	665.5	1037.0	1532.4	1780.0	2163.7	2931.1
115°	719.3	661.8	604.2	661.8	719.3	733.7	1046.6	1463.7	1672.3	2041.9	2781.2
117.5°	786.9	734.7	682.3	734.7	786.9	800.0	1066.1	1420.8	1598.1	1931.7	2598.8
120°	826.3	777.1	727.8	777.1	826.3	838.6	1081.8	1406.2	1568.4	1873.2	2482.8
122.5°	871.6	822.0	772.3	822.0	871.6	884.0	1104.6	1398.6	1545.7	1820.1	2369.2
125°	931.1	885.9	840.6	885.9	931.1	942.4	1135.2	1392.4	1520.9	1754.1	2220.5
127.5°	987.4	941.7	896.0	941.7	987.4	998.8	1166.0	1388.8	1500.2	1700.4	2100.8
130°	1024.0	974.9	925.6	974.9	1024.0	1036.4	1188.3	1391.0	1492.3	1670.5	2027.0
132.5°	1054.7	1005.5	956.2	1005.5	1054.7	1067.0	1206.5	1392.4	1485.3	1644.9	1964.0
135°	1091.5	1046.6	1001.8	1046.6	1091.5	1102.6	1226.2	1391.1	1473.5	1607.1	1874.3
137.5°	1137.0	1092.6	1048.2	1092.6	1137.0	1148.1	1255.9	1399.6	1471.5	1584.4	1810.4
140°	1168.5	1127.7	1086.8	1127.7	1168.5	1178.8	1274.1	1401.1	1464.6	1562.2	1757.3
142.5°	1192.0	1154.3	1116.5	1154.3	1192.0	1201.5	1289.2	1406.1	1464.6	1550.3	1721.7
145°	1227.9	1194.9	1161.9	1194.9	1227.9	1236.2	1309.0	1406.1	1454.7	1524.8	1665.0
147.5°	1271.7	1239.6	1207.5	1239.6	1271.7	1279.7	1338.1	1415.8	1454.7	1509.9	1620.2
150°	1295.2	1266.1	1237.1	1266.1	1295.2	1302.4	1353.1	1420.8	1454.7	1501.3	1594.5
152.5°	1311.7	1289.7	1267.8	1289.7	1311.7	1317.2	1363.1	1424.1	1454.7	1494.5	1574.0
155°	1345.8	1329.6	1313.3	1329.6	1345.8	1349.9	1384.8	1431.4	1454.7	1486.4	1549.7
157.5°	1378.5	1362.7	1346.9	1362.7	1378.5	1382.5	1406.5	1438.6	1454.7	1479.3	1528.5
160°	1394.3	1382.0	1369.7	1382.0	1394.3	1397.4	1416.5	1442.0	1454.7	1475.8	1518.0
162.5°	1410.8	1401.6	1392.4	1401.6	1410.8	1413.1	1427.0	1445.4	1454.7	1472.4	1508.0
165°	1433.8	1425.5	1417.1	1425.5	1433.8	1435.9	1442.1	1450.5	1454.7	1467.5	1493.0
167.5°	1447.8	1443.8	1439.9	1443.8	1447.8	1448.7	1454.0	1461.1	1464.6	1472.9	1489.6
170°	1462.7	1458.7	1454.7	1458.7	1462.7	1463.6	1463.9	1464.4	1464.6	1472.9	1489.6
172.5°	1464.4	1463.4	1462.6	1463.4	1464.4	1464.6	1464.6	1464.6	1464.6	1471.2	1484.4
175°	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1470.5	1466.6	1464.6	1468.8	1477.1
177.5°	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1471.2	1468.1	1466.6	1469.8	1476.4
180°	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5



TEST NUMBER: P935504

CATALOG NUMBER: SQ4-FA-125U-050D-B40-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1354.0	1354.0	1354.0	1354.0	1354.0	1354.0	1354.0	1354.0	1354.0	1354.0	1354.0
2.5°	1306.5	1302.7	1307.9	1293.7	1307.9	1302.7	1306.5	1315.5	1307.9	1312.9	1318.1
5°	1146.5	1140.1	1119.5	1102.9	1119.5	1140.1	1146.5	1173.3	1186.1	1209.2	1240.0
7.5°	1024.7	1019.7	1014.5	1004.3	1014.5	1019.7	1024.7	1032.5	1045.2	1065.8	1088.8
10°	997.9	999.1	1006.9	1005.5	1006.9	999.1	997.9	995.3	991.5	995.3	1009.3
12.5°	1067.0	1078.6	1120.8	1118.3	1120.8	1078.6	1067.0	1015.8	981.2	974.8	977.3
15°	1146.5	1150.3	1159.3	1160.5	1159.3	1150.3	1146.5	1125.9	1022.2	977.3	963.3
17.5°	1154.1	1155.5	1161.9	1161.9	1161.9	1155.5	1154.1	1145.1	1110.6	1050.4	970.9
20°	1147.7	1150.3	1163.1	1165.7	1163.1	1150.3	1147.7	1136.2	1117.0	1095.2	1035.0
22.5°	1145.1	1150.3	1160.5	1159.3	1160.5	1150.3	1145.1	1127.2	1110.6	1095.2	1070.8
25°	1132.3	1132.3	1133.7	1134.9	1133.7	1132.3	1132.3	1118.3	1085.0	1081.2	1067.0
27.5°	1105.4	1108.0	1115.7	1114.4	1115.7	1108.0	1105.4	1100.4	1064.4	1060.6	1050.4
30°	1081.2	1078.6	1072.2	1067.0	1072.2	1078.6	1081.2	1073.4	1037.6	1027.3	1029.9
32.5°	1040.1	1033.7	1027.3	1023.5	1027.3	1033.7	1040.1	1037.6	1010.7	996.5	999.1
35°	991.5	992.7	991.5	987.6	991.5	992.7	991.5	994.1	977.3	964.6	963.3
37.5°	956.9	959.4	958.2	953.0	958.2	959.4	956.9	954.3	931.2	927.4	930.0
40°	921.0	922.2	921.0	917.2	921.0	922.2	921.0	915.8	883.9	885.1	894.1
42.5°	886.4	885.1	881.3	878.7	881.3	885.1	886.4	878.7	837.7	833.9	850.5
45°	846.7	847.9	840.3	836.5	840.3	847.9	846.7	841.5	799.3	789.0	800.6
47.5°	807.0	807.0	800.6	796.8	800.6	807.0	807.0	800.6	755.8	745.5	751.9
50°	764.8	763.4	754.4	753.2	754.4	763.4	764.8	760.8	713.5	704.5	704.5
52.5°	716.1	716.1	717.3	719.9	717.3	716.1	716.1	717.3	675.1	666.1	663.5
55°	673.8	675.1	684.1	686.5	684.1	675.1	673.8	673.8	635.4	626.4	621.2
57.5°	630.2	630.2	636.6	636.6	636.6	630.2	630.2	627.6	590.5	582.8	580.3
60°	580.3	582.8	588.0	586.7	588.0	582.8	580.3	577.7	545.7	540.5	531.6
62.5°	527.7	530.3	531.6	529.1	531.6	530.3	527.7	520.1	500.9	497.0	485.5
65°	472.6	475.2	476.5	474.0	476.5	475.2	472.6	468.8	454.8	448.4	438.1
67.5°	416.3	415.0	413.7	418.9	413.7	415.0	416.3	411.2	402.2	397.1	383.1
70°	358.7	358.7	357.4	359.9	357.4	358.7	358.7	354.8	349.7	345.9	333.0
72.5°	297.2	295.9	301.0	297.2	301.0	295.9	297.2	295.9	293.4	289.5	276.7
75°	236.9	239.5	236.9	240.9	236.9	239.5	236.9	238.3	236.9	234.5	225.5
77.5°	180.6	183.2	180.6	180.6	180.6	183.2	180.6	181.9	181.9	181.9	174.2
80°	128.1	126.8	126.8	125.5	126.8	126.8	128.1	128.1	129.4	126.8	124.2
82.5°	81.9	80.7	80.7	83.3	80.7	80.7	81.9	83.3	80.7	80.7	80.7
85°	44.8	46.1	43.5	43.5	43.5	46.1	44.8	42.3	44.8	44.8	43.5
87.5°	16.6	15.4	15.4	15.4	15.4	15.4	16.6	18.0	18.0	18.0	19.2
90°	37.5	37.5	37.5	37.5	37.5	37.5	37.5	50.0	66.8	75.2	64.7
92.5°	187.8	180.4	150.5	120.6	150.5	180.4	187.8	266.3	370.9	423.3	371.6
95°	637.8	615.2	524.7	434.1	524.7	615.2	637.8	837.6	1104.0	1237.1	1044.9
97.5°	1472.5	1429.4	1257.2	1084.9	1257.2	1429.4	1472.5	1598.8	1767.1	1851.3	1530.7
100°	2067.9	2016.6	1811.3	1606.0	1811.3	2016.6	2067.9	2058.6	2046.3	2040.2	1684.3
102.5°	2576.1	2532.2	2356.4	2180.6	2356.4	2532.2	2576.1	2415.3	2200.8	2093.6	1732.8
105°	3169.5	3145.9	3051.3	2956.9	3051.3	3145.9	3169.5	2808.8	2328.0	2087.6	1738.2
107.5°	3478.0	3483.7	3506.6	3529.4	3506.6	3483.7	3478.0	2975.0	2304.3	1968.9	1660.8
110°	3557.1	3581.7	3680.2	3778.6	3680.2	3581.7	3557.1	2994.8	2245.0	1870.1	1592.3



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3506.7	3544.5	3695.7	3846.8	3695.7	3544.5	3506.7	2931.1	2163.7	1780.0	1532.4
115°	3335.6	3388.1	3597.7	3807.3	3597.7	3388.1	3335.6	2781.2	2041.9	1672.3	1463.7
117.5°	3099.3	3157.4	3389.9	3622.4	3389.9	3157.4	3099.3	2598.8	1931.7	1598.1	1420.8
120°	2940.1	2996.5	3222.5	3448.3	3222.5	2996.5	2940.1	2482.8	1873.2	1568.4	1406.2
122.5°	2780.9	2836.5	3059.4	3282.2	3059.4	2836.5	2780.9	2369.2	1820.1	1545.7	1398.6
125°	2570.2	2621.5	2826.8	3032.0	2826.8	2621.5	2570.2	2220.5	1754.1	1520.9	1392.4
127.5°	2401.1	2444.3	2617.6	2790.7	2617.6	2444.3	2401.1	2100.8	1700.4	1500.2	1388.8
130°	2294.3	2334.3	2494.3	2654.2	2494.3	2334.3	2294.3	2027.0	1670.5	1492.3	1391.0
132.5°	2203.3	2239.1	2382.4	2525.7	2382.4	2239.1	2203.3	1964.0	1644.9	1485.3	1392.4
135°	2074.7	2105.6	2229.2	2352.6	2229.2	2105.6	2074.7	1874.3	1607.1	1473.5	1391.1
137.5°	1979.8	2005.1	2106.2	2207.3	2106.2	2005.1	1979.8	1810.4	1584.4	1471.5	1399.6
140°	1903.7	1927.3	2021.8	2116.3	2021.8	1927.3	1903.7	1757.3	1562.2	1464.6	1401.1
142.5°	1850.2	1870.6	1951.8	2033.2	1951.8	1870.6	1850.2	1721.7	1550.3	1464.6	1406.1
145°	1770.2	1785.6	1847.1	1908.6	1847.1	1785.6	1770.2	1665.0	1524.8	1454.7	1406.1
147.5°	1703.0	1715.7	1766.7	1817.7	1766.7	1715.7	1703.0	1620.2	1509.9	1454.7	1415.8
150°	1664.4	1674.7	1716.0	1757.3	1716.0	1674.7	1664.4	1594.5	1501.3	1454.7	1420.8
152.5°	1633.7	1641.5	1672.7	1703.9	1672.7	1641.5	1633.7	1574.0	1494.5	1454.7	1424.1
155°	1597.1	1602.3	1622.9	1643.6	1622.9	1602.3	1597.1	1549.7	1486.4	1454.7	1431.4
157.5°	1565.4	1569.1	1583.6	1598.1	1583.6	1569.1	1565.4	1528.5	1479.3	1454.7	1438.6
160°	1549.6	1551.7	1560.0	1568.4	1560.0	1551.7	1549.6	1518.0	1475.8	1454.7	1442.0
162.5°	1534.8	1536.8	1544.7	1552.6	1544.7	1536.8	1534.8	1508.0	1472.4	1454.7	1445.4
165°	1512.1	1514.2	1522.5	1530.9	1522.5	1514.2	1512.1	1493.0	1467.5	1454.7	1450.5
167.5°	1502.1	1503.0	1506.5	1510.0	1506.5	1503.0	1502.1	1489.6	1472.9	1464.6	1461.1
170°	1502.1	1502.1	1502.1	1502.1	1502.1	1502.1	1502.1	1489.6	1472.9	1464.6	1464.4
172.5°	1494.3	1493.5	1490.4	1487.3	1490.4	1493.5	1494.3	1484.4	1471.2	1464.6	1464.6
175°	1483.4	1483.4	1483.4	1483.4	1483.4	1483.4	1483.4	1477.1	1468.8	1464.6	1466.6
177.5°	1481.4	1480.5	1477.0	1473.5	1477.0	1480.5	1481.4	1476.4	1469.8	1466.6	1468.1
180°	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1354.0	1354.0	1354.0	1354.0	1354.0
2.5°	1337.3	1343.7	1347.6	1352.7	1365.5
5°	1286.1	1310.5	1318.1	1337.3	1360.4
7.5°	1173.3	1247.6	1268.1	1314.3	1350.1
10°	1064.4	1138.7	1174.6	1283.5	1337.3
12.5°	1009.3	1053.0	1077.2	1229.8	1319.3
15°	974.8	1005.5	1023.5	1157.9	1298.9
17.5°	947.9	969.7	982.5	1087.6	1270.7
20°	931.2	941.5	953.0	1036.3	1238.6
22.5°	919.8	913.4	922.2	1000.5	1195.1
25°	912.0	887.7	898.0	972.3	1143.9
27.5°	918.4	864.7	868.5	946.6	1090.1
30°	919.8	836.5	837.7	919.8	1029.9
32.5°	910.8	807.0	808.3	886.4	962.0
35°	889.0	772.4	771.2	847.9	869.7
37.5°	859.5	735.3	735.3	805.7	768.6
40°	823.7	698.1	701.9	750.6	678.9
42.5°	780.1	658.4	663.5	677.7	612.3
45°	732.7	620.0	623.8	572.6	561.1
47.5°	680.2	580.3	581.6	475.2	544.4
50°	617.4	539.3	534.1	407.3	543.1
52.5°	562.3	494.4	479.0	368.9	493.2
55°	508.5	447.0	413.7	339.4	457.3
57.5°	461.2	385.5	353.5	304.8	449.6
60°	417.6	325.4	301.0	267.7	412.5
62.5°	381.7	280.5	275.4	242.1	374.1
65°	343.3	249.8	248.5	220.3	317.6
67.5°	306.2	229.3	228.1	199.8	242.1
70°	266.4	207.5	204.9	178.0	179.3
72.5°	225.5	183.2	180.6	160.2	148.6
75°	184.4	155.0	153.8	139.6	120.4
77.5°	144.8	123.0	125.5	112.7	88.4
80°	103.7	89.7	92.3	80.7	66.6
82.5°	69.1	58.9	61.5	51.3	44.8
85°	38.4	33.3	34.6	26.9	20.5
87.5°	18.0	15.4	15.4	10.2	6.4
90°	43.5	27.7	25.7	17.9	9.9
92.5°	268.4	190.9	174.1	106.8	39.5
95°	660.3	371.9	341.1	218.0	94.9
97.5°	889.4	408.5	381.3	272.7	164.2
100°	972.8	439.1	414.5	316.0	217.5
102.5°	1011.1	469.8	446.7	354.9	263.0
105°	1039.3	515.2	495.7	418.0	340.2
107.5°	1044.6	582.5	564.3	491.8	419.3
110°	1036.7	620.1	603.8	538.2	472.7



TEST NUMBER: P935504

CATALOG NUMBER: SQ4-FA-125U-050D-B40-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1037.0	665.5	650.0	587.5	525.2
115°	1046.6	733.7	719.3	661.8	604.2
117.5°	1066.1	800.0	786.9	734.7	682.3
120°	1081.8	838.6	826.3	777.1	727.8
122.5°	1104.6	884.0	871.6	822.0	772.3
125°	1135.2	942.4	931.1	885.9	840.6
127.5°	1166.0	998.8	987.4	941.7	896.0
130°	1188.3	1036.4	1024.0	974.9	925.6
132.5°	1206.5	1067.0	1054.7	1005.5	956.2
135°	1226.2	1102.6	1091.5	1046.6	1001.8
137.5°	1255.9	1148.1	1137.0	1092.6	1048.2
140°	1274.1	1178.8	1168.5	1127.7	1086.8
142.5°	1289.2	1201.5	1192.0	1154.3	1116.5
145°	1309.0	1236.2	1227.9	1194.9	1161.9
147.5°	1338.1	1279.7	1271.7	1239.6	1207.5
150°	1353.1	1302.4	1295.2	1266.1	1237.1
152.5°	1363.1	1317.2	1311.7	1289.7	1267.8
155°	1384.8	1349.9	1345.8	1329.6	1313.3
157.5°	1406.5	1382.5	1378.5	1362.7	1346.9
160°	1416.5	1397.4	1394.3	1382.0	1369.7
162.5°	1427.0	1413.1	1410.8	1401.6	1392.4
165°	1442.1	1435.9	1433.8	1425.5	1417.1
167.5°	1454.0	1448.7	1447.8	1443.8	1439.9
170°	1463.9	1463.6	1462.7	1458.7	1454.7
172.5°	1464.6	1464.6	1464.4	1463.4	1462.6
175°	1470.5	1473.5	1473.5	1473.5	1473.5
177.5°	1471.2	1473.5	1473.5	1473.5	1473.5
180°	1473.5	1473.5	1473.5	1473.5	1473.5



TEST NUMBER: P935504
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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	8.54	9.22	9.67	10.35	11.91	11.37	12.06	12.51	13.18	14.75
	3H	9.00	9.61	10.14	10.75	12.33	12.71	13.32	13.85	14.46	16.04
	4H	9.18	9.77	10.33	10.90	12.49	13.15	13.73	14.30	14.86	16.45
	6H	9.29	9.83	10.45	10.96	12.56	13.42	13.96	14.58	15.10	16.69
	8H	9.29	9.80	10.45	10.95	12.54	13.49	14.00	14.65	15.15	16.75
	12H	9.25	9.74	10.42	10.88	12.50	13.53	14.01	14.69	15.16	16.77
4H	2H	9.55	10.13	10.71	11.26	12.85	11.76	12.34	12.92	13.48	15.06
	3H	10.56	11.05	11.72	12.20	13.80	13.25	13.74	14.42	14.90	16.50
	4H	10.83	11.28	11.99	12.42	14.04	13.77	14.22	14.94	15.37	16.99
	6H	10.94	11.33	12.11	12.50	14.10	14.13	14.51	15.30	15.68	17.29
	8H	10.94	11.30	12.11	12.46	14.09	14.24	14.59	15.41	15.75	17.38
	12H	10.90	11.23	12.09	12.40	14.03	14.28	14.61	15.47	15.78	17.41
8H	4H	11.27	11.63	12.44	12.79	14.41	13.88	14.24	15.05	15.40	17.03
	6H	11.52	11.82	12.71	13.02	14.64	14.32	14.61	15.51	15.81	17.44
	8H	11.56	11.82	12.76	13.00	14.64	14.47	14.72	15.66	15.91	17.55
	12H	11.54	11.77	12.74	12.94	14.62	14.56	14.78	15.76	15.96	17.64
12H	4H	11.27	11.59	12.45	12.76	14.39	13.84	14.16	15.03	15.34	16.97
	6H	11.58	11.84	12.78	13.02	14.66	14.31	14.57	15.51	15.75	17.39
	8H	11.64	11.87	12.84	13.05	14.72	14.47	14.69	15.66	15.87	17.55