

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: P935447

Luminaire Tested: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935447
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-92765-1D-UNV-STD-W-8-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

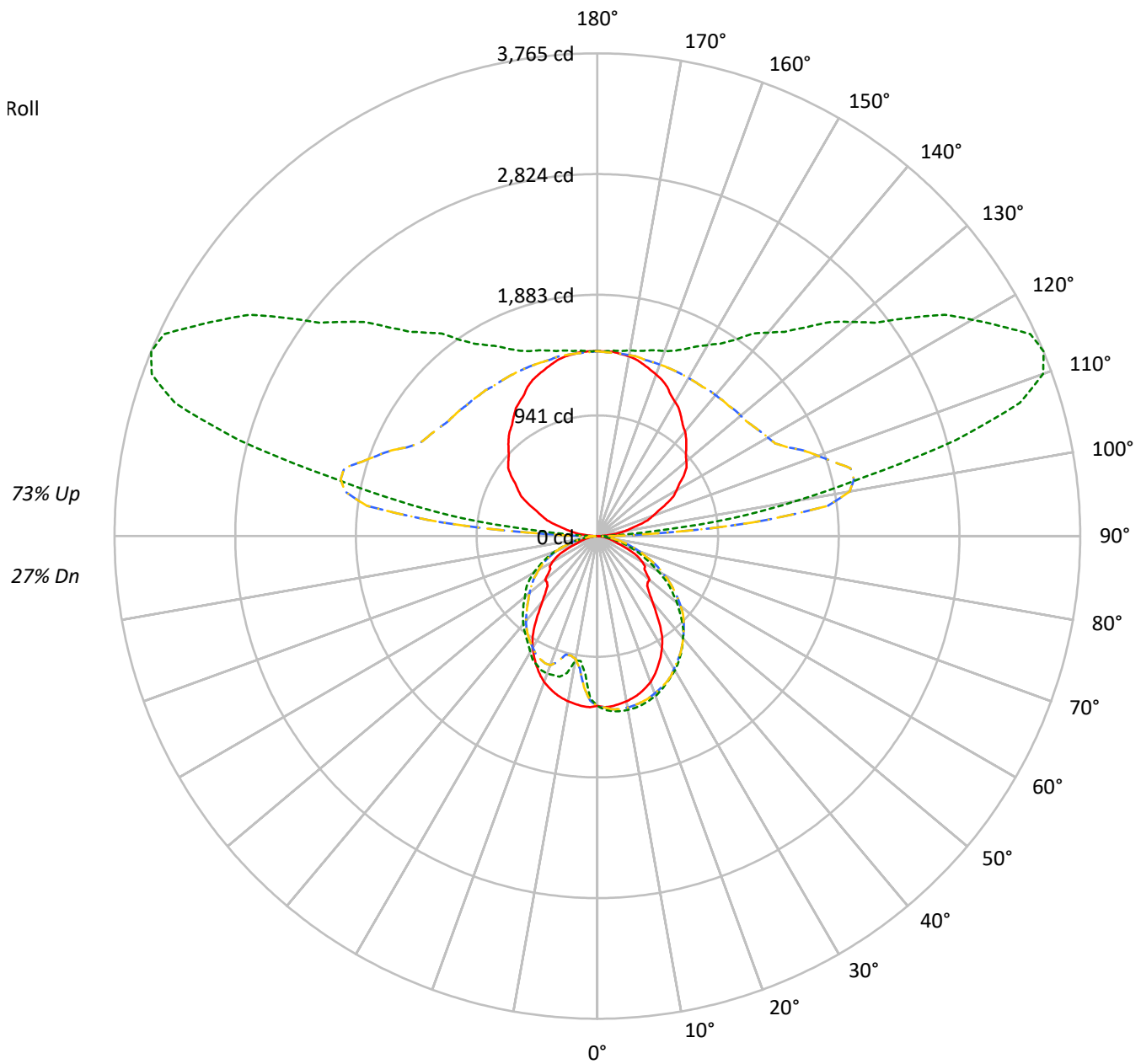
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12790.5 lumens
Efficiency: N/A
Efficacy: 134.4 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	
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	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°	6148	6148	6148	6148
5°	6194	6206	6194	4880
10°	6153	6114	6153	4371
15°	6086	5981	6086	4995
20°	5958	5824	5958	5005
25°	5698	5596	5698	4899
30°	5362	5406	5362	4666
35°	4779	5165	4779	4410
40°	3983	4882	3983	4217
45°	3558	4551	3558	3994
50°	3781	4156	3781	3771
55°	3556	3730	3556	3642
60°	3667	3168	3667	3336
65°	3324	2619	3324	2928
70°	2302	2088	2302	2454
75°	2019	1543	2019	1848
80°	1624	1020	1624	1110
85°	936	541	936	459

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5454 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	119.6	0.9
10°-20°	339.6	2.7
20°-30°	525.0	4.1
30°-40°	626.8	4.9
40°-50°	630.4	4.9
50°-60°	548.5	4.3
60°-70°	388.9	3.0
70°-80°	205.8	1.6
80°-90°	56.7	0.4
90°-100°	703.0	5.5
100°-110°	1848.2	14.4
110°-120°	1916.4	15.0
120°-130°	1537.2	12.0
130°-140°	1206.1	9.4
140°-150°	925.8	7.2
150°-160°	666.7	5.2
160°-170°	407.9	3.2
170°-180°	137.8	1.1
0°-30°	984.3	7.7
0°-40°	1611.0	12.6
0°-60°	2790.0	21.8
0°-90°	3441.5	26.9
90°-120°	4467.6	34.9
90°-150°	8136.6	63.6
90°-180°	9349.0	73.1
0°-180°	12790.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1325	1325	1325	1325	1325	
5°	1332	1373	1332	1080	1332	126
15°	1271	1360	1271	1136	1271	358
25°	1120	1269	1120	1111	1120	514
35°	851	1132	851	967	851	527
45°	549	933	549	819	549	440
55°	448	688	448	672	448	411
65°	311	415	311	464	311	297
75°	118	197	118	236	118	124
85°	20	50	20	43	20	27
90°	10	37	10	37	10	9
95°	93	425	93	425	93	103
105°	333	2894	333	2894	333	353
115°	591	3726	591	3726	591	584
125°	823	2968	823	2968	823	730
135°	980	2303	980	2303	980	759
145°	1137	1868	1137	1868	1137	712
155°	1285	1609	1285	1609	1285	591
165°	1387	1498	1387	1498	1387	391
175°	1442	1452	1442	1452	1442	137
180°	1442	1442	1442	1442	1442	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1325.2	1325.2	1325.2	1325.2	1325.2	1325.2	1325.2	1325.2	1325.2	1325.2	1325.2
2.5°	1336.4	1336.4	1344.0	1346.5	1346.5	1342.7	1339.0	1342.7	1354.0	1357.8	1356.5
5°	1331.5	1341.5	1355.3	1357.8	1360.3	1359.1	1356.5	1359.1	1371.6	1374.1	1375.3
7.5°	1321.4	1340.3	1357.8	1361.6	1365.3	1361.6	1360.3	1362.8	1375.3	1377.9	1377.9
10°	1308.9	1335.2	1355.3	1357.8	1361.6	1357.8	1357.8	1362.8	1375.3	1377.9	1379.1
12.5°	1291.3	1327.7	1346.5	1349.0	1354.0	1352.8	1351.5	1356.5	1369.1	1371.6	1371.6
15°	1271.3	1313.9	1331.5	1333.9	1342.7	1340.3	1340.3	1345.2	1359.1	1362.8	1361.6
17.5°	1243.7	1296.3	1316.4	1320.2	1326.4	1325.2	1326.4	1331.5	1344.0	1346.5	1347.8
20°	1212.3	1272.5	1296.3	1300.1	1306.3	1306.3	1306.3	1312.6	1325.2	1330.2	1330.2
22.5°	1169.7	1247.5	1272.5	1275.0	1282.6	1282.6	1285.0	1293.8	1305.1	1306.3	1306.3
25°	1119.6	1219.9	1241.2	1248.7	1256.2	1260.0	1263.7	1268.8	1272.5	1271.3	1272.5
27.5°	1067.0	1184.7	1212.3	1217.4	1227.4	1231.2	1236.1	1237.5	1238.7	1242.4	1240.0
30°	1008.0	1135.9	1177.3	1182.3	1198.6	1201.1	1196.0	1198.6	1204.8	1207.4	1209.9
32.5°	941.5	1063.1	1140.9	1152.2	1167.3	1159.7	1158.5	1162.2	1172.2	1172.2	1174.7
35°	851.2	1006.8	1107.1	1117.1	1128.4	1119.6	1124.6	1125.9	1132.1	1135.9	1134.6
37.5°	752.3	957.9	1071.9	1079.5	1088.3	1077.0	1084.4	1088.3	1093.2	1090.7	1090.7
40°	664.5	881.3	1030.6	1035.6	1043.1	1034.3	1041.8	1044.3	1046.9	1044.3	1043.1
42.5°	599.2	797.4	986.7	992.9	987.9	994.2	996.7	1001.7	998.0	992.9	992.9
45°	549.1	774.8	939.0	946.6	939.0	949.1	952.8	952.8	941.5	939.0	937.8
47.5°	532.9	729.6	891.4	891.4	887.6	900.2	906.5	897.7	886.4	882.6	882.6
50°	531.6	679.5	826.2	821.2	838.7	853.8	847.5	838.7	829.9	816.2	816.2
52.5°	482.7	618.1	742.3	761.0	788.6	797.4	787.3	778.6	763.6	757.2	752.3
55°	447.5	554.2	665.7	703.4	732.2	743.5	724.7	715.9	693.3	689.5	687.0
57.5°	440.1	461.4	595.5	643.2	678.2	677.0	665.7	649.4	630.6	626.9	625.6
60°	403.7	333.5	520.3	576.7	613.1	609.3	599.2	584.2	566.7	564.2	561.7
62.5°	366.1	242.0	435.0	498.9	550.4	549.1	540.4	517.8	505.2	498.9	494.0
65°	310.9	203.1	309.7	415.0	488.9	491.5	472.7	456.3	442.6	435.0	433.8
67.5°	236.9	165.5	209.4	346.0	430.1	427.5	403.7	396.2	378.6	374.9	367.3
70°	175.5	110.3	145.4	280.9	372.4	366.1	347.2	338.6	322.2	313.4	308.5
72.5°	145.4	89.0	106.6	218.2	313.4	305.9	289.6	279.6	265.8	258.3	253.2
75°	117.9	94.0	81.5	161.7	254.5	249.5	234.4	224.4	213.1	203.1	204.3
77.5°	86.6	87.8	65.1	119.1	201.9	194.3	185.5	173.0	168.0	158.0	158.0
80°	65.1	69.0	48.9	81.5	145.4	145.4	137.9	129.2	120.4	115.3	115.3
82.5°	43.8	43.8	36.4	51.4	99.1	95.2	90.3	87.8	82.7	80.2	80.2
85°	20.1	25.1	22.5	31.3	53.9	56.5	56.5	53.9	52.6	50.2	51.4
87.5°	6.3	11.3	13.8	17.6	27.6	28.9	30.1	30.1	30.1	31.3	31.3
90°	9.7	17.5	25.1	27.1	42.6	63.3	73.6	65.3	49.0	36.7	36.7
92.5°	38.7	104.5	170.4	186.8	262.7	363.7	414.3	363.0	260.7	183.9	176.6
95°	92.9	213.4	333.9	364.0	646.3	1022.7	1210.8	1080.5	819.8	624.3	602.1
97.5°	160.7	267.0	373.2	399.8	870.5	1498.1	1811.9	1729.6	1564.8	1441.2	1399.1
100°	212.9	309.3	405.7	429.8	952.1	1648.5	1996.8	2002.8	2014.9	2023.9	1973.7
102.5°	257.4	347.3	437.3	459.8	989.6	1695.9	2049.1	2154.0	2364.0	2521.4	2478.4
105°	332.9	409.1	485.2	504.3	1017.2	1701.3	2043.3	2278.5	2749.2	3102.1	3079.0
107.5°	410.4	481.4	552.3	570.1	1022.4	1625.5	1927.1	2255.4	2911.8	3404.1	3409.7
110°	462.7	526.8	590.9	606.9	1014.7	1558.4	1830.3	2197.3	2931.1	3481.5	3505.6



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	514.0	575.0	636.2	651.4	1015.0	1499.8	1742.2	2117.8	2868.8	3432.1	3469.2
115°	591.4	647.8	704.0	718.1	1024.3	1432.6	1636.8	1998.5	2722.1	3264.7	3316.1
117.5°	667.8	719.1	770.2	783.0	1043.4	1390.6	1564.1	1890.6	2543.6	3033.4	3090.3
120°	712.3	760.6	808.7	820.8	1058.8	1376.4	1535.1	1833.4	2430.0	2877.6	2932.8
122.5°	755.9	804.5	853.1	865.3	1081.1	1368.9	1512.8	1781.5	2318.8	2721.8	2776.3
125°	822.7	867.0	911.3	922.4	1111.1	1362.8	1488.6	1716.9	2173.3	2515.6	2565.8
127.5°	876.9	921.7	966.4	977.6	1141.2	1359.2	1468.3	1664.2	2056.2	2350.0	2392.4
130°	905.9	954.1	1002.3	1014.3	1163.1	1361.4	1460.6	1635.0	1983.9	2245.5	2284.7
132.5°	935.9	984.2	1032.3	1044.3	1180.8	1362.8	1453.7	1609.9	1922.2	2156.5	2191.5
135°	980.5	1024.3	1068.3	1079.2	1200.2	1361.5	1442.2	1572.9	1834.5	2030.6	2060.8
137.5°	1025.9	1069.4	1112.9	1123.7	1229.2	1369.9	1440.2	1550.8	1771.9	1937.7	1962.5
140°	1063.7	1103.7	1143.7	1153.7	1247.0	1371.3	1433.5	1529.0	1720.0	1863.2	1886.3
142.5°	1092.8	1129.8	1166.7	1176.0	1261.8	1376.3	1433.5	1517.3	1685.1	1810.9	1830.8
145°	1137.3	1169.5	1201.8	1209.9	1281.2	1376.3	1423.7	1492.4	1629.7	1732.6	1747.6
147.5°	1181.8	1213.2	1244.7	1252.5	1309.6	1385.7	1423.7	1477.8	1585.7	1666.8	1679.2
150°	1210.8	1239.2	1267.6	1274.8	1324.4	1390.7	1423.7	1469.4	1560.6	1629.0	1639.1
152.5°	1240.8	1262.3	1283.8	1289.2	1334.1	1393.8	1423.7	1462.7	1540.6	1599.0	1606.7
155°	1285.4	1301.3	1317.2	1321.2	1355.4	1400.9	1423.7	1454.8	1516.7	1563.2	1568.2
157.5°	1318.3	1333.7	1349.2	1353.1	1376.6	1408.0	1423.7	1447.9	1496.0	1532.2	1535.7
160°	1340.6	1352.6	1364.7	1367.7	1386.4	1411.3	1423.7	1444.4	1485.7	1516.7	1518.7
162.5°	1362.8	1371.8	1380.8	1383.1	1396.6	1414.7	1423.7	1441.1	1476.0	1502.2	1504.1
165°	1387.0	1395.2	1403.4	1405.4	1411.5	1419.6	1423.7	1436.3	1461.2	1479.9	1482.0
167.5°	1409.3	1413.1	1417.0	1417.9	1423.1	1430.0	1433.5	1441.6	1458.0	1470.2	1471.0
170°	1423.7	1427.7	1431.6	1432.5	1432.8	1433.3	1433.5	1441.6	1458.0	1470.2	1470.2
172.5°	1431.5	1432.3	1433.3	1433.5	1433.5	1433.5	1433.5	1439.9	1452.8	1462.5	1461.8
175°	1442.2	1442.2	1442.2	1442.2	1439.3	1435.4	1433.5	1437.6	1445.7	1451.9	1451.9
177.5°	1442.2	1442.2	1442.2	1442.2	1439.9	1436.9	1435.4	1438.6	1445.1	1449.9	1449.1
180°	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1325.2	1325.2	1325.2	1325.2	1325.2	1325.2	1325.2	1325.2	1325.2	1325.2	1325.2
2.5°	1359.1	1355.3	1359.1	1356.5	1357.8	1354.0	1342.7	1339.0	1342.7	1346.5	1346.5
5°	1375.3	1372.8	1375.3	1375.3	1374.1	1371.6	1359.1	1356.5	1359.1	1360.3	1357.8
7.5°	1380.4	1376.6	1380.4	1377.9	1377.9	1375.3	1362.8	1360.3	1361.6	1365.3	1361.6
10°	1380.4	1376.6	1380.4	1379.1	1377.9	1375.3	1362.8	1357.8	1357.8	1361.6	1357.8
12.5°	1374.1	1371.6	1374.1	1371.6	1371.6	1369.1	1356.5	1351.5	1352.8	1354.0	1349.0
15°	1364.0	1360.3	1364.0	1361.6	1362.8	1359.1	1345.2	1340.3	1340.3	1342.7	1333.9
17.5°	1349.0	1344.0	1349.0	1347.8	1346.5	1344.0	1331.5	1326.4	1325.2	1326.4	1320.2
20°	1331.5	1327.7	1331.5	1330.2	1330.2	1325.2	1312.6	1306.3	1306.3	1306.3	1300.1
22.5°	1303.9	1300.1	1303.9	1306.3	1306.3	1305.1	1293.8	1285.0	1282.6	1282.6	1275.0
25°	1272.5	1268.8	1272.5	1272.5	1271.3	1272.5	1268.8	1263.7	1260.0	1256.2	1248.7
27.5°	1242.4	1240.0	1242.4	1240.0	1242.4	1238.7	1237.5	1236.1	1231.2	1227.4	1217.4
30°	1212.3	1209.9	1212.3	1209.9	1207.4	1204.8	1198.6	1196.0	1201.1	1198.6	1182.3
32.5°	1174.7	1172.2	1174.7	1174.7	1172.2	1172.2	1162.2	1158.5	1159.7	1167.3	1152.2
35°	1135.9	1132.1	1135.9	1134.6	1135.9	1132.1	1125.9	1124.6	1119.6	1128.4	1117.1
37.5°	1090.7	1087.0	1090.7	1090.7	1090.7	1093.2	1088.3	1084.4	1077.0	1088.3	1079.5
40°	1044.3	1039.3	1044.3	1043.1	1044.3	1046.9	1044.3	1041.8	1034.3	1043.1	1035.6
42.5°	991.7	990.4	991.7	992.9	992.9	998.0	1001.7	996.7	994.2	987.9	992.9
45°	935.3	932.7	935.3	937.8	939.0	941.5	952.8	952.8	949.1	939.0	946.6
47.5°	875.1	868.8	875.1	882.6	882.6	886.4	897.7	906.5	900.2	887.6	891.4
50°	811.1	812.4	811.1	816.2	816.2	829.9	838.7	847.5	853.8	838.7	821.2
52.5°	748.5	747.2	748.5	752.3	757.2	763.6	778.6	787.3	797.4	788.6	761.0
55°	685.8	688.3	685.8	687.0	689.5	693.3	715.9	724.7	743.5	732.2	703.4
57.5°	623.1	619.3	623.1	625.6	626.9	630.6	649.4	665.7	677.0	678.2	643.2
60°	550.4	545.4	550.4	561.7	564.2	566.7	584.2	599.2	609.3	613.1	576.7
62.5°	486.4	477.6	486.4	494.0	498.9	505.2	517.8	540.4	549.1	550.4	498.9
65°	418.7	415.0	418.7	433.8	435.0	442.6	456.3	472.7	491.5	488.9	415.0
67.5°	357.3	357.3	357.3	367.3	374.9	378.6	396.2	403.7	427.5	430.1	346.0
70°	300.9	299.7	300.9	308.5	313.4	322.2	338.6	347.2	366.1	372.4	280.9
72.5°	246.9	245.7	246.9	253.2	258.3	265.8	279.6	289.6	305.9	313.4	218.2
75°	199.4	196.8	199.4	204.3	203.1	213.1	224.4	234.4	249.5	254.5	161.7
77.5°	152.9	152.9	152.9	158.0	158.0	168.0	173.0	185.5	194.3	201.9	119.1
80°	114.1	112.8	114.1	115.3	115.3	120.4	129.2	137.9	145.4	145.4	81.5
82.5°	80.2	77.8	80.2	80.2	80.2	82.7	87.8	90.3	95.2	99.1	51.4
85°	50.2	50.2	50.2	51.4	50.2	52.6	53.9	56.5	56.5	53.9	31.3
87.5°	32.6	31.3	32.6	31.3	31.3	30.1	30.1	30.1	28.9	27.6	17.6
90°	36.7	36.7	36.7	36.7	36.7	49.0	65.3	73.6	63.3	42.6	27.1
92.5°	147.3	118.1	147.3	176.6	183.9	260.7	363.0	414.3	363.7	262.7	186.8
95°	513.5	424.9	513.5	602.1	624.3	819.8	1080.5	1210.8	1022.7	646.3	364.0
97.5°	1230.4	1061.8	1230.4	1399.1	1441.2	1564.8	1729.6	1811.9	1498.1	870.5	399.8
100°	1772.8	1571.9	1772.8	1973.7	2023.9	2014.9	2002.8	1996.8	1648.5	952.1	429.8
102.5°	2306.3	2134.2	2306.3	2478.4	2521.4	2364.0	2154.0	2049.1	1695.9	989.6	459.8
105°	2986.5	2894.0	2986.5	3079.0	3102.1	2749.2	2278.5	2043.3	1701.3	1017.2	504.3
107.5°	3432.1	3454.4	3432.1	3409.7	3404.1	2911.8	2255.4	1927.1	1625.5	1022.4	570.1
110°	3602.0	3698.4	3602.0	3505.6	3481.5	2931.1	2197.3	1830.3	1558.4	1014.7	606.9



TEST NUMBER: P935447

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3617.1	3765.1	3617.1	3469.2	3432.1	2868.8	2117.8	1742.2	1499.8	1015.0	651.4
115°	3521.2	3726.4	3521.2	3316.1	3264.7	2722.1	1998.5	1636.8	1432.6	1024.3	718.1
117.5°	3317.8	3545.4	3317.8	3090.3	3033.4	2543.6	1890.6	1564.1	1390.6	1043.4	783.0
120°	3154.0	3375.0	3154.0	2932.8	2877.6	2430.0	1833.4	1535.1	1376.4	1058.8	820.8
122.5°	2994.4	3212.5	2994.4	2776.3	2721.8	2318.8	1781.5	1512.8	1368.9	1081.1	865.3
125°	2766.7	2967.6	2766.7	2565.8	2515.6	2173.3	1716.9	1488.6	1362.8	1111.1	922.4
127.5°	2561.9	2731.4	2561.9	2392.4	2350.0	2056.2	1664.2	1468.3	1359.2	1141.2	977.6
130°	2441.3	2597.8	2441.3	2284.7	2245.5	1983.9	1635.0	1460.6	1361.4	1163.1	1014.3
132.5°	2331.8	2472.0	2331.8	2191.5	2156.5	1922.2	1609.9	1453.7	1362.8	1180.8	1044.3
135°	2181.8	2302.6	2181.8	2060.8	2030.6	1834.5	1572.9	1442.2	1361.5	1200.2	1079.2
137.5°	2061.4	2160.4	2061.4	1962.5	1937.7	1771.9	1550.8	1440.2	1369.9	1229.2	1123.7
140°	1978.9	2071.3	1978.9	1886.3	1863.2	1720.0	1529.0	1433.5	1371.3	1247.0	1153.7
142.5°	1910.4	1990.0	1910.4	1830.8	1810.9	1685.1	1517.3	1433.5	1376.3	1261.8	1176.0
145°	1807.8	1868.0	1807.8	1747.6	1732.6	1629.7	1492.4	1423.7	1376.3	1281.2	1209.9
147.5°	1729.1	1779.0	1729.1	1679.2	1666.8	1585.7	1477.8	1423.7	1385.7	1309.6	1252.5
150°	1679.6	1720.0	1679.6	1639.1	1629.0	1560.6	1469.4	1423.7	1390.7	1324.4	1274.8
152.5°	1637.1	1667.7	1637.1	1606.7	1599.0	1540.6	1462.7	1423.7	1393.8	1334.1	1289.2
155°	1588.4	1608.6	1588.4	1568.2	1563.2	1516.7	1454.8	1423.7	1400.9	1355.4	1321.2
157.5°	1549.9	1564.1	1549.9	1535.7	1532.2	1496.0	1447.9	1423.7	1408.0	1376.6	1353.1
160°	1526.8	1535.1	1526.8	1518.7	1516.7	1485.7	1444.4	1423.7	1411.3	1386.4	1367.7
162.5°	1511.9	1519.6	1511.9	1504.1	1502.2	1476.0	1441.1	1423.7	1414.7	1396.6	1383.1
165°	1490.1	1498.3	1490.1	1482.0	1479.9	1461.2	1436.3	1423.7	1419.6	1411.5	1405.4
167.5°	1474.5	1478.0	1474.5	1471.0	1470.2	1458.0	1441.6	1433.5	1430.0	1423.1	1417.9
170°	1470.2	1470.2	1470.2	1470.2	1470.2	1458.0	1441.6	1433.5	1433.3	1432.8	1432.5
172.5°	1458.7	1455.7	1458.7	1461.8	1462.5	1452.8	1439.9	1433.5	1433.5	1433.5	1433.5
175°	1451.9	1451.9	1451.9	1451.9	1451.9	1445.7	1437.6	1433.5	1435.4	1439.3	1442.2
177.5°	1445.6	1442.2	1445.6	1449.1	1449.9	1445.1	1438.6	1435.4	1436.9	1439.9	1442.2
180°	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1325.2	1325.2	1325.2	1325.2	1325.2	1325.2	1325.2	1325.2	1325.2	1325.2	1325.2
2.5°	1344.0	1336.4	1336.4	1323.9	1319.0	1315.1	1308.9	1290.1	1285.0	1280.1	1287.6
5°	1355.3	1341.5	1331.5	1308.9	1290.1	1282.6	1258.8	1213.6	1183.5	1160.9	1148.4
7.5°	1357.8	1340.3	1321.4	1286.3	1241.2	1221.1	1148.4	1065.7	1043.1	1023.0	1010.5
10°	1355.3	1335.2	1308.9	1256.2	1149.7	1114.5	1041.8	987.9	974.2	970.4	974.2
12.5°	1346.5	1327.7	1291.3	1203.6	1054.3	1030.6	987.9	956.6	954.1	960.3	994.2
15°	1331.5	1313.9	1271.3	1133.3	1001.7	984.2	954.1	942.8	956.6	1000.5	1102.0
17.5°	1316.4	1296.3	1243.7	1064.4	961.6	949.1	927.8	950.3	1028.1	1087.0	1120.8
20°	1296.3	1272.5	1212.3	1014.2	932.7	921.5	911.4	1013.0	1071.9	1093.2	1112.0
22.5°	1272.5	1247.5	1169.7	979.2	902.6	894.0	900.2	1048.1	1071.9	1087.0	1103.2
25°	1241.2	1219.9	1119.6	951.6	878.9	868.8	892.6	1044.3	1058.2	1061.9	1094.5
27.5°	1212.3	1184.7	1067.0	926.5	850.0	846.3	898.9	1028.1	1038.1	1041.8	1077.0
30°	1177.3	1135.9	1008.0	900.2	819.9	818.7	900.2	1008.0	1005.5	1015.6	1050.6
32.5°	1140.9	1063.1	941.5	867.6	791.1	789.8	891.4	977.9	975.4	989.2	1015.6
35°	1107.1	1006.8	851.2	829.9	754.8	756.0	870.1	942.8	944.1	956.6	972.9
37.5°	1071.9	957.9	752.3	788.6	719.6	719.6	841.2	910.2	907.7	911.4	934.1
40°	1030.6	881.3	664.5	734.7	687.0	683.3	806.2	875.1	866.3	865.1	896.4
42.5°	986.7	797.4	599.2	663.3	649.4	644.4	763.6	832.4	816.2	819.9	860.0
45°	939.0	774.8	549.1	560.4	610.5	606.8	717.1	783.6	772.3	782.3	823.7
47.5°	891.4	729.6	532.9	465.1	569.2	567.9	665.7	735.9	729.6	739.7	783.6
50°	826.2	679.5	531.6	398.7	522.8	527.8	604.3	689.5	689.5	698.3	744.7
52.5°	742.3	618.1	482.7	361.1	468.8	483.9	550.4	649.4	652.0	660.7	702.1
55°	665.7	554.2	447.5	332.2	404.9	437.5	497.7	608.0	613.1	621.9	659.4
57.5°	595.5	461.4	440.1	298.4	346.0	377.3	451.4	567.9	570.5	577.9	614.3
60°	520.3	333.5	403.7	262.0	294.6	318.5	408.7	520.3	529.0	534.1	565.4
62.5°	435.0	242.0	366.1	236.9	269.6	274.5	373.6	475.2	486.4	490.3	509.0
65°	309.7	203.1	310.9	215.6	243.2	244.5	336.0	428.7	438.8	445.1	458.8
67.5°	209.4	165.5	236.9	195.5	223.2	224.4	299.7	374.9	388.7	393.7	402.5
70°	145.4	110.3	175.5	174.2	200.6	203.1	260.8	325.9	338.6	342.3	347.2
72.5°	106.6	89.0	145.4	156.8	176.8	179.3	220.7	270.8	283.3	287.1	289.6
75°	81.5	94.0	117.9	136.7	150.5	151.7	180.5	220.7	229.5	231.9	233.2
77.5°	65.1	87.8	86.6	110.3	122.8	120.4	141.7	170.5	178.1	178.1	178.1
80°	48.9	69.0	65.1	79.0	90.3	87.8	101.5	121.6	124.1	126.7	125.3
82.5°	36.4	43.8	43.8	50.2	60.2	57.7	67.7	79.0	79.0	79.0	81.5
85°	22.5	25.1	20.1	26.4	33.8	32.6	37.6	42.6	43.8	43.8	41.4
87.5°	13.8	11.3	6.3	10.0	15.0	15.0	17.6	18.8	17.6	17.6	17.6
90°	25.1	17.5	9.7	17.5	25.1	27.1	42.6	63.3	73.6	65.3	49.0
92.5°	170.4	104.5	38.7	104.5	170.4	186.8	262.7	363.7	414.3	363.0	260.7
95°	333.9	213.4	92.9	213.4	333.9	364.0	646.3	1022.7	1210.8	1080.5	819.8
97.5°	373.2	267.0	160.7	267.0	373.2	399.8	870.5	1498.1	1811.9	1729.6	1564.8
100°	405.7	309.3	212.9	309.3	405.7	429.8	952.1	1648.5	1996.8	2002.8	2014.9
102.5°	437.3	347.3	257.4	347.3	437.3	459.8	989.6	1695.9	2049.1	2154.0	2364.0
105°	485.2	409.1	332.9	409.1	485.2	504.3	1017.2	1701.3	2043.3	2278.5	2749.2
107.5°	552.3	481.4	410.4	481.4	552.3	570.1	1022.4	1625.5	1927.1	2255.4	2911.8
110°	590.9	526.8	462.7	526.8	590.9	606.9	1014.7	1558.4	1830.3	2197.3	2931.1



TEST NUMBER: P935447

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	636.2	575.0	514.0	575.0	636.2	651.4	1015.0	1499.8	1742.2	2117.8	2868.8
115°	704.0	647.8	591.4	647.8	704.0	718.1	1024.3	1432.6	1636.8	1998.5	2722.1
117.5°	770.2	719.1	667.8	719.1	770.2	783.0	1043.4	1390.6	1564.1	1890.6	2543.6
120°	808.7	760.6	712.3	760.6	808.7	820.8	1058.8	1376.4	1535.1	1833.4	2430.0
122.5°	853.1	804.5	755.9	804.5	853.1	865.3	1081.1	1368.9	1512.8	1781.5	2318.8
125°	911.3	867.0	822.7	867.0	911.3	922.4	1111.1	1362.8	1488.6	1716.9	2173.3
127.5°	966.4	921.7	876.9	921.7	966.4	977.6	1141.2	1359.2	1468.3	1664.2	2056.2
130°	1002.3	954.1	905.9	954.1	1002.3	1014.3	1163.1	1361.4	1460.6	1635.0	1983.9
132.5°	1032.3	984.2	935.9	984.2	1032.3	1044.3	1180.8	1362.8	1453.7	1609.9	1922.2
135°	1068.3	1024.3	980.5	1024.3	1068.3	1079.2	1200.2	1361.5	1442.2	1572.9	1834.5
137.5°	1112.9	1069.4	1025.9	1069.4	1112.9	1123.7	1229.2	1369.9	1440.2	1550.8	1771.9
140°	1143.7	1103.7	1063.7	1103.7	1143.7	1153.7	1247.0	1371.3	1433.5	1529.0	1720.0
142.5°	1166.7	1129.8	1092.8	1129.8	1166.7	1176.0	1261.8	1376.3	1433.5	1517.3	1685.1
145°	1201.8	1169.5	1137.3	1169.5	1201.8	1209.9	1281.2	1376.3	1423.7	1492.4	1629.7
147.5°	1244.7	1213.2	1181.8	1213.2	1244.7	1252.5	1309.6	1385.7	1423.7	1477.8	1585.7
150°	1267.6	1239.2	1210.8	1239.2	1267.6	1274.8	1324.4	1390.7	1423.7	1469.4	1560.6
152.5°	1283.8	1262.3	1240.8	1262.3	1283.8	1289.2	1334.1	1393.8	1423.7	1462.7	1540.6
155°	1317.2	1301.3	1285.4	1301.3	1317.2	1321.2	1355.4	1400.9	1423.7	1454.8	1516.7
157.5°	1349.2	1333.7	1318.3	1333.7	1349.2	1353.1	1376.6	1408.0	1423.7	1447.9	1496.0
160°	1364.7	1352.6	1340.6	1352.6	1364.7	1367.7	1386.4	1411.3	1423.7	1444.4	1485.7
162.5°	1380.8	1371.8	1362.8	1371.8	1380.8	1383.1	1396.6	1414.7	1423.7	1441.1	1476.0
165°	1403.4	1395.2	1387.0	1395.2	1403.4	1405.4	1411.5	1419.6	1423.7	1436.3	1461.2
167.5°	1417.0	1413.1	1409.3	1413.1	1417.0	1417.9	1423.1	1430.0	1433.5	1441.6	1458.0
170°	1431.6	1427.7	1423.7	1427.7	1431.6	1432.5	1432.8	1433.3	1433.5	1441.6	1458.0
172.5°	1433.3	1432.3	1431.5	1432.3	1433.3	1433.5	1433.5	1433.5	1433.5	1439.9	1452.8
175°	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1439.3	1435.4	1433.5	1437.6	1445.7
177.5°	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1439.9	1436.9	1435.4	1438.6	1445.1
180°	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2



TEST NUMBER: P935447

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1325.2	1325.2	1325.2	1325.2	1325.2	1325.2	1325.2	1325.2	1325.2	1325.2	1325.2
2.5°	1278.8	1275.0	1280.1	1266.2	1280.1	1275.0	1278.8	1287.6	1280.1	1285.0	1290.1
5°	1122.1	1115.9	1095.8	1079.5	1095.8	1115.9	1122.1	1148.4	1160.9	1183.5	1213.6
7.5°	1002.9	998.0	992.9	982.9	992.9	998.0	1002.9	1010.5	1023.0	1043.1	1065.7
10°	976.7	977.9	985.5	984.2	985.5	977.9	976.7	974.2	970.4	974.2	987.9
12.5°	1044.3	1055.7	1097.0	1094.5	1097.0	1055.7	1044.3	994.2	960.3	954.1	956.6
15°	1122.1	1125.9	1134.6	1135.9	1134.6	1125.9	1122.1	1102.0	1000.5	956.6	942.8
17.5°	1129.6	1130.9	1137.2	1137.2	1137.2	1130.9	1129.6	1120.8	1087.0	1028.1	950.3
20°	1123.3	1125.9	1138.4	1140.9	1138.4	1125.9	1123.3	1112.0	1093.2	1071.9	1013.0
22.5°	1120.8	1125.9	1135.9	1134.6	1135.9	1125.9	1120.8	1103.2	1087.0	1071.9	1048.1
25°	1108.3	1108.3	1109.6	1110.8	1109.6	1108.3	1108.3	1094.5	1061.9	1058.2	1044.3
27.5°	1081.9	1084.4	1092.0	1090.7	1092.0	1084.4	1081.9	1077.0	1041.8	1038.1	1028.1
30°	1058.2	1055.7	1049.4	1044.3	1049.4	1055.7	1058.2	1050.6	1015.6	1005.5	1008.0
32.5°	1018.0	1011.7	1005.5	1001.7	1005.5	1011.7	1018.0	1015.6	989.2	975.4	977.9
35°	970.4	971.6	970.4	966.6	970.4	971.6	970.4	972.9	956.6	944.1	942.8
37.5°	936.6	939.0	937.8	932.7	937.8	939.0	936.6	934.1	911.4	907.7	910.2
40°	901.4	902.6	901.4	897.7	901.4	902.6	901.4	896.4	865.1	866.3	875.1
42.5°	867.6	866.3	862.5	860.0	862.5	866.3	867.6	860.0	819.9	816.2	832.4
45°	828.7	829.9	822.4	818.7	822.4	829.9	828.7	823.7	782.3	772.3	783.6
47.5°	789.8	789.8	783.6	779.8	783.6	789.8	789.8	783.6	739.7	729.6	735.9
50°	748.5	747.2	738.4	737.2	738.4	747.2	748.5	744.7	698.3	689.5	689.5
52.5°	700.8	700.8	702.1	704.6	702.1	700.8	700.8	702.1	660.7	652.0	649.4
55°	659.4	660.7	669.5	672.0	669.5	660.7	659.4	659.4	621.9	613.1	608.0
57.5°	616.8	616.8	623.1	623.1	623.1	616.8	616.8	614.3	577.9	570.5	567.9
60°	567.9	570.5	575.5	574.2	575.5	570.5	567.9	565.4	534.1	529.0	520.3
62.5°	516.5	519.0	520.3	517.8	520.3	519.0	516.5	509.0	490.3	486.4	475.2
65°	462.6	465.1	466.4	463.9	466.4	465.1	462.6	458.8	445.1	438.8	428.7
67.5°	407.4	406.2	404.9	410.0	404.9	406.2	407.4	402.5	393.7	388.7	374.9
70°	351.1	351.1	349.8	352.3	349.8	351.1	351.1	347.2	342.3	338.6	325.9
72.5°	290.9	289.6	294.6	290.9	294.6	289.6	290.9	289.6	287.1	283.3	270.8
75°	231.9	234.4	231.9	235.7	231.9	234.4	231.9	233.2	231.9	229.5	220.7
77.5°	176.8	179.3	176.8	176.8	176.8	179.3	176.8	178.1	178.1	178.1	170.5
80°	125.3	124.1	124.1	122.8	124.1	124.1	125.3	125.3	126.7	124.1	121.6
82.5°	80.2	79.0	79.0	81.5	79.0	79.0	80.2	81.5	79.0	79.0	79.0
85°	43.8	45.1	42.6	42.6	42.6	45.1	43.8	41.4	43.8	43.8	42.6
87.5°	16.3	15.0	15.0	15.0	15.0	15.0	16.3	17.6	17.6	17.6	18.8
90°	36.7	36.7	36.7	36.7	36.7	36.7	36.7	49.0	65.3	73.6	63.3
92.5°	183.9	176.6	147.3	118.1	147.3	176.6	183.9	260.7	363.0	414.3	363.7
95°	624.3	602.1	513.5	424.9	513.5	602.1	624.3	819.8	1080.5	1210.8	1022.7
97.5°	1441.2	1399.1	1230.4	1061.8	1230.4	1399.1	1441.2	1564.8	1729.6	1811.9	1498.1
100°	2023.9	1973.7	1772.8	1571.9	1772.8	1973.7	2023.9	2014.9	2002.8	1996.8	1648.5
102.5°	2521.4	2478.4	2306.3	2134.2	2306.3	2478.4	2521.4	2364.0	2154.0	2049.1	1695.9
105°	3102.1	3079.0	2986.5	2894.0	2986.5	3079.0	3102.1	2749.2	2278.5	2043.3	1701.3
107.5°	3404.1	3409.7	3432.1	3454.4	3432.1	3409.7	3404.1	2911.8	2255.4	1927.1	1625.5
110°	3481.5	3505.6	3602.0	3698.4	3602.0	3505.6	3481.5	2931.1	2197.3	1830.3	1558.4



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3432.1	3469.2	3617.1	3765.1	3617.1	3469.2	3432.1	2868.8	2117.8	1742.2	1499.8
115°	3264.7	3316.1	3521.2	3726.4	3521.2	3316.1	3264.7	2722.1	1998.5	1636.8	1432.6
117.5°	3033.4	3090.3	3317.8	3545.4	3317.8	3090.3	3033.4	2543.6	1890.6	1564.1	1390.6
120°	2877.6	2932.8	3154.0	3375.0	3154.0	2932.8	2877.6	2430.0	1833.4	1535.1	1376.4
122.5°	2721.8	2776.3	2994.4	3212.5	2994.4	2776.3	2721.8	2318.8	1781.5	1512.8	1368.9
125°	2515.6	2565.8	2766.7	2967.6	2766.7	2565.8	2515.6	2173.3	1716.9	1488.6	1362.8
127.5°	2350.0	2392.4	2561.9	2731.4	2561.9	2392.4	2350.0	2056.2	1664.2	1468.3	1359.2
130°	2245.5	2284.7	2441.3	2597.8	2441.3	2284.7	2245.5	1983.9	1635.0	1460.6	1361.4
132.5°	2156.5	2191.5	2331.8	2472.0	2331.8	2191.5	2156.5	1922.2	1609.9	1453.7	1362.8
135°	2030.6	2060.8	2181.8	2302.6	2181.8	2060.8	2030.6	1834.5	1572.9	1442.2	1361.5
137.5°	1937.7	1962.5	2061.4	2160.4	2061.4	1962.5	1937.7	1771.9	1550.8	1440.2	1369.9
140°	1863.2	1886.3	1978.9	2071.3	1978.9	1886.3	1863.2	1720.0	1529.0	1433.5	1371.3
142.5°	1810.9	1830.8	1910.4	1990.0	1910.4	1830.8	1810.9	1685.1	1517.3	1433.5	1376.3
145°	1732.6	1747.6	1807.8	1868.0	1807.8	1747.6	1732.6	1629.7	1492.4	1423.7	1376.3
147.5°	1666.8	1679.2	1729.1	1779.0	1729.1	1679.2	1666.8	1585.7	1477.8	1423.7	1385.7
150°	1629.0	1639.1	1679.6	1720.0	1679.6	1639.1	1629.0	1560.6	1469.4	1423.7	1390.7
152.5°	1599.0	1606.7	1637.1	1667.7	1637.1	1606.7	1599.0	1540.6	1462.7	1423.7	1393.8
155°	1563.2	1568.2	1588.4	1608.6	1588.4	1568.2	1563.2	1516.7	1454.8	1423.7	1400.9
157.5°	1532.2	1535.7	1549.9	1564.1	1549.9	1535.7	1532.2	1496.0	1447.9	1423.7	1408.0
160°	1516.7	1518.7	1526.8	1535.1	1526.8	1518.7	1516.7	1485.7	1444.4	1423.7	1411.3
162.5°	1502.2	1504.1	1511.9	1519.6	1511.9	1504.1	1502.2	1476.0	1441.1	1423.7	1414.7
165°	1479.9	1482.0	1490.1	1498.3	1490.1	1482.0	1479.9	1461.2	1436.3	1423.7	1419.6
167.5°	1470.2	1471.0	1474.5	1478.0	1474.5	1471.0	1470.2	1458.0	1441.6	1433.5	1430.0
170°	1470.2	1470.2	1470.2	1470.2	1470.2	1470.2	1470.2	1458.0	1441.6	1433.5	1433.3
172.5°	1462.5	1461.8	1458.7	1455.7	1458.7	1461.8	1462.5	1452.8	1439.9	1433.5	1433.5
175°	1451.9	1451.9	1451.9	1451.9	1451.9	1451.9	1451.9	1445.7	1437.6	1433.5	1435.4
177.5°	1449.9	1449.1	1445.6	1442.2	1445.6	1449.1	1449.9	1445.1	1438.6	1435.4	1436.9
180°	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1325.2	1325.2	1325.2	1325.2	1325.2
2.5°	1308.9	1315.1	1319.0	1323.9	1336.4
5°	1258.8	1282.6	1290.1	1308.9	1331.5
7.5°	1148.4	1221.1	1241.2	1286.3	1321.4
10°	1041.8	1114.5	1149.7	1256.2	1308.9
12.5°	987.9	1030.6	1054.3	1203.6	1291.3
15°	954.1	984.2	1001.7	1133.3	1271.3
17.5°	927.8	949.1	961.6	1064.4	1243.7
20°	911.4	921.5	932.7	1014.2	1212.3
22.5°	900.2	894.0	902.6	979.2	1169.7
25°	892.6	868.8	878.9	951.6	1119.6
27.5°	898.9	846.3	850.0	926.5	1067.0
30°	900.2	818.7	819.9	900.2	1008.0
32.5°	891.4	789.8	791.1	867.6	941.5
35°	870.1	756.0	754.8	829.9	851.2
37.5°	841.2	719.6	719.6	788.6	752.3
40°	806.2	683.3	687.0	734.7	664.5
42.5°	763.6	644.4	649.4	663.3	599.2
45°	717.1	606.8	610.5	560.4	549.1
47.5°	665.7	567.9	569.2	465.1	532.9
50°	604.3	527.8	522.8	398.7	531.6
52.5°	550.4	483.9	468.8	361.1	482.7
55°	497.7	437.5	404.9	332.2	447.5
57.5°	451.4	377.3	346.0	298.4	440.1
60°	408.7	318.5	294.6	262.0	403.7
62.5°	373.6	274.5	269.6	236.9	366.1
65°	336.0	244.5	243.2	215.6	310.9
67.5°	299.7	224.4	223.2	195.5	236.9
70°	260.8	203.1	200.6	174.2	175.5
72.5°	220.7	179.3	176.8	156.8	145.4
75°	180.5	151.7	150.5	136.7	117.9
77.5°	141.7	120.4	122.8	110.3	86.6
80°	101.5	87.8	90.3	79.0	65.1
82.5°	67.7	57.7	60.2	50.2	43.8
85°	37.6	32.6	33.8	26.4	20.1
87.5°	17.6	15.0	15.0	10.0	6.3
90°	42.6	27.1	25.1	17.5	9.7
92.5°	262.7	186.8	170.4	104.5	38.7
95°	646.3	364.0	333.9	213.4	92.9
97.5°	870.5	399.8	373.2	267.0	160.7
100°	952.1	429.8	405.7	309.3	212.9
102.5°	989.6	459.8	437.3	347.3	257.4
105°	1017.2	504.3	485.2	409.1	332.9
107.5°	1022.4	570.1	552.3	481.4	410.4
110°	1014.7	606.9	590.9	526.8	462.7



TEST NUMBER: P935447

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1015.0	651.4	636.2	575.0	514.0
115°	1024.3	718.1	704.0	647.8	591.4
117.5°	1043.4	783.0	770.2	719.1	667.8
120°	1058.8	820.8	808.7	760.6	712.3
122.5°	1081.1	865.3	853.1	804.5	755.9
125°	1111.1	922.4	911.3	867.0	822.7
127.5°	1141.2	977.6	966.4	921.7	876.9
130°	1163.1	1014.3	1002.3	954.1	905.9
132.5°	1180.8	1044.3	1032.3	984.2	935.9
135°	1200.2	1079.2	1068.3	1024.3	980.5
137.5°	1229.2	1123.7	1112.9	1069.4	1025.9
140°	1247.0	1153.7	1143.7	1103.7	1063.7
142.5°	1261.8	1176.0	1166.7	1129.8	1092.8
145°	1281.2	1209.9	1201.8	1169.5	1137.3
147.5°	1309.6	1252.5	1244.7	1213.2	1181.8
150°	1324.4	1274.8	1267.6	1239.2	1210.8
152.5°	1334.1	1289.2	1283.8	1262.3	1240.8
155°	1355.4	1321.2	1317.2	1301.3	1285.4
157.5°	1376.6	1353.1	1349.2	1333.7	1318.3
160°	1386.4	1367.7	1364.7	1352.6	1340.6
162.5°	1396.6	1383.1	1380.8	1371.8	1362.8
165°	1411.5	1405.4	1403.4	1395.2	1387.0
167.5°	1423.1	1417.9	1417.0	1413.1	1409.3
170°	1432.8	1432.5	1431.6	1427.7	1423.7
172.5°	1433.5	1433.5	1433.3	1432.3	1431.5
175°	1439.3	1442.2	1442.2	1442.2	1442.2
177.5°	1439.9	1442.2	1442.2	1442.2	1442.2
180°	1442.2	1442.2	1442.2	1442.2	1442.2



TEST NUMBER: P935447

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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	8.46	9.15	9.60	10.27	11.84	11.30	11.99	12.43	13.11	14.68
	3H	8.93	9.54	10.07	10.67	12.25	12.63	13.25	13.77	14.38	15.96
	4H	9.11	9.69	10.26	10.82	12.41	13.07	13.65	14.22	14.79	16.38
	6H	9.22	9.75	10.38	10.89	12.49	13.35	13.89	14.51	15.02	16.62
	8H	9.21	9.72	10.37	10.87	12.47	13.42	13.93	14.58	15.08	16.67
	12H	9.18	9.66	10.34	10.81	12.42	13.45	13.94	14.62	15.08	16.70
4H	2H	9.47	10.06	10.63	11.19	12.78	11.69	12.27	12.84	13.40	14.99
	3H	10.48	10.97	11.65	12.13	13.73	13.18	13.66	14.34	14.82	16.42
	4H	10.75	11.20	11.92	12.35	13.97	13.70	14.15	14.87	15.29	16.91
	6H	10.87	11.25	12.04	12.42	14.03	14.06	14.44	15.23	15.61	17.22
	8H	10.87	11.23	12.04	12.39	14.01	14.16	14.52	15.33	15.68	17.31
	12H	10.83	11.15	12.01	12.33	13.96	14.21	14.53	15.40	15.71	17.34
8H	4H	11.19	11.55	12.36	12.71	14.34	13.81	14.17	14.98	15.33	16.95
	6H	11.45	11.74	12.64	12.95	14.57	14.24	14.54	15.43	15.74	17.36
	8H	11.49	11.75	12.68	12.93	14.57	14.39	14.65	15.59	15.83	17.47
	12H	11.46	11.69	12.66	12.87	14.54	14.48	14.71	15.68	15.89	17.56
12H	4H	11.19	11.52	12.38	12.69	14.32	13.77	14.09	14.95	15.26	16.89
	6H	11.51	11.76	12.70	12.95	14.59	14.24	14.49	15.43	15.68	17.32
	8H	11.57	11.79	12.76	12.97	14.65	14.39	14.62	15.59	15.80	17.47