

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: P935466

Luminaire Tested: SQ4-FA-125U-050D-93050-1D-UNV-STD-W-8-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935466
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-93050-1D-UNV-STD-W-8-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

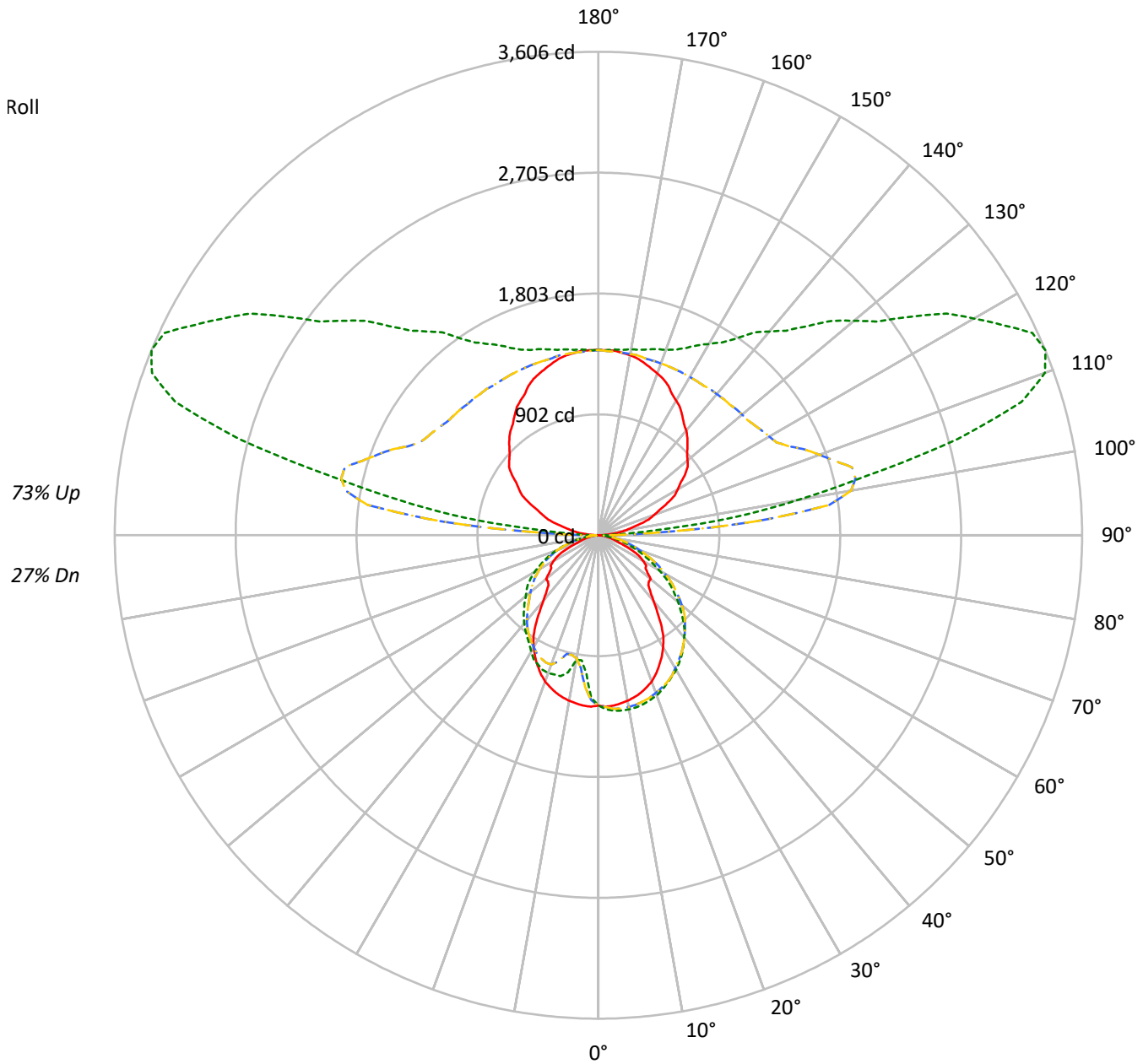
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12251.5 lumens
Efficiency: N/A
Efficacy: 128.7 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										
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	50	30	10	0														
RCR																																						
0	102	102	102	102	91	91	91	91	71	71	71	52	52	52	35	35	35	27						27														
1	93	88	85	81	83	79	76	73	62	60	58	46	44	43	31	30	29	23						23														
2	84	77	71	66	75	69	64	60	54	51	48	40	38	36	27	26	25	19						19														
3	77	68	61	55	68	61	55	50	48	43	40	35	33	30	24	22	21	16						16														
4	70	60	52	47	62	54	47	42	42	38	34	31	28	26	21	20	18	14						14														
5	64	53	45	40	57	48	41	36	38	33	29	28	25	22	19	17	16	12						12														
6	59	48	40	34	53	43	36	31	34	29	25	25	22	19	17	15	14	10						10														
7	55	43	35	30	49	38	32	27	30	26	22	23	20	17	16	14	12	9						9														
8	50	39	31	26	45	35	28	24	28	23	19	21	18	15	15	12	11	8						8														
9	47	35	28	23	42	32	25	21	25	21	17	19	16	14	13	11	10	7						7														
10	44	32	25	20	39	29	23	19	23	19	15	18	14	12	12	10	9	7						7														

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5890	5890	5890	5890
5°	5933	5945	5933	4675
10°	5893	5856	5893	4187
15°	5829	5729	5829	4784
20°	5707	5579	5707	4794
25°	5458	5360	5458	4692
30°	5135	5178	5135	4469
35°	4578	4947	4578	4224
40°	3815	4676	3815	4039
45°	3409	4359	3409	3826
50°	3621	3981	3621	3612
55°	3407	3573	3407	3488
60°	3512	3035	3512	3195
65°	3184	2509	3184	2804
70°	2205	1999	2205	2350
75°	1934	1478	1934	1770
80°	1557	977	1557	1063
85°	894	518	894	440

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5224 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	114.6	0.9
10°-20°	325.3	2.7
20°-30°	502.9	4.1
30°-40°	600.3	4.9
40°-50°	603.9	4.9
50°-60°	525.4	4.3
60°-70°	372.5	3.0
70°-80°	197.1	1.6
80°-90°	54.4	0.4
90°-100°	673.4	5.5
100°-110°	1770.3	14.4
110°-120°	1835.6	15.0
120°-130°	1472.4	12.0
130°-140°	1155.3	9.4
140°-150°	886.7	7.2
150°-160°	638.6	5.2
160°-170°	390.7	3.2
170°-180°	132.0	1.1
0°-30°	942.8	7.7
0°-40°	1543.1	12.6
0°-60°	2672.4	21.8
0°-90°	3296.4	26.9
90°-120°	4279.3	34.9
90°-150°	7793.7	63.6
90°-180°	8955.0	73.1
0°-180°	12251.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1269	1269	1269	1269	1269	
5°	1275	1315	1275	1034	1275	121
15°	1218	1303	1218	1088	1218	343
25°	1072	1215	1072	1064	1072	492
35°	815	1084	815	926	815	504
45°	526	893	526	784	526	421
55°	429	659	429	644	429	394
65°	298	398	298	444	298	285
75°	113	189	113	226	113	119
85°	19	48	19	41	19	26
90°	9	35	9	35	9	8
95°	89	407	89	407	89	99
105°	319	2772	319	2772	319	338
115°	566	3569	566	3569	566	559
125°	788	2842	788	2842	788	700
135°	939	2206	939	2206	939	727
145°	1089	1789	1089	1789	1089	682
155°	1231	1541	1231	1541	1231	566
165°	1329	1435	1329	1435	1329	375
175°	1381	1391	1381	1391	1381	131
180°	1381	1381	1381	1381	1381	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1269.4	1269.4	1269.4	1269.4	1269.4	1269.4	1269.4	1269.4	1269.4	1269.4	1269.4
2.5°	1280.1	1280.1	1287.4	1289.8	1289.8	1286.1	1282.5	1286.1	1296.9	1300.5	1299.4
5°	1275.4	1285.0	1298.2	1300.5	1302.9	1301.8	1299.4	1301.8	1313.8	1316.2	1317.4
7.5°	1265.7	1283.8	1300.5	1304.2	1307.8	1304.2	1302.9	1305.4	1317.4	1319.8	1319.8
10°	1253.7	1279.0	1298.2	1300.5	1304.2	1300.5	1300.5	1305.4	1317.4	1319.8	1320.9
12.5°	1236.9	1271.7	1289.8	1292.1	1296.9	1295.8	1294.5	1299.4	1311.4	1313.8	1313.8
15°	1217.7	1258.5	1275.4	1277.7	1286.1	1283.8	1283.8	1288.5	1301.8	1305.4	1304.2
17.5°	1191.3	1241.7	1261.0	1264.5	1270.5	1269.4	1270.5	1275.4	1287.4	1289.8	1291.0
20°	1161.2	1218.9	1241.7	1245.3	1251.3	1251.3	1251.3	1257.3	1269.4	1274.1	1274.1
22.5°	1120.4	1194.9	1218.9	1221.3	1228.5	1228.5	1230.9	1239.3	1250.1	1251.3	1251.3
25°	1072.4	1168.5	1188.9	1196.0	1203.3	1206.9	1210.5	1215.3	1218.9	1217.7	1218.9
27.5°	1022.0	1134.8	1161.2	1166.1	1175.6	1179.3	1184.1	1185.3	1186.5	1190.0	1187.7
30°	965.5	1088.0	1127.6	1132.5	1148.1	1150.5	1145.6	1148.1	1154.1	1156.5	1158.9
32.5°	901.8	1018.3	1092.8	1103.7	1118.1	1110.8	1109.6	1113.2	1122.8	1122.8	1125.2
35°	815.4	964.3	1060.4	1070.0	1080.8	1072.4	1077.2	1078.4	1084.4	1088.0	1086.8
37.5°	720.5	917.5	1026.7	1034.0	1042.4	1031.6	1038.7	1042.4	1047.2	1044.7	1044.7
40°	636.5	844.2	987.2	991.9	999.2	990.8	997.9	1000.3	1002.7	1000.3	999.2
42.5°	574.0	763.8	945.1	951.1	946.3	952.3	954.7	959.5	955.9	951.1	951.1
45°	526.0	742.1	899.4	906.7	899.4	909.1	912.7	912.7	901.8	899.4	898.3
47.5°	510.4	698.9	853.9	853.9	850.2	862.3	868.3	859.9	849.0	845.4	845.4
50°	509.2	650.9	791.4	786.6	803.4	817.8	811.8	803.4	794.9	781.8	781.8
52.5°	462.3	592.1	711.0	729.0	755.4	763.8	754.1	745.8	731.4	725.3	720.5
55°	428.7	530.8	637.6	673.7	701.3	712.1	694.1	685.7	664.1	660.5	658.1
57.5°	421.5	441.9	570.4	616.1	649.6	648.5	637.6	622.1	604.1	600.5	599.2
60°	386.7	319.4	498.3	552.4	587.2	583.7	574.0	559.6	542.8	540.4	538.0
62.5°	350.7	231.8	416.7	477.9	527.2	526.0	517.6	496.0	483.9	477.9	473.2
65°	297.8	194.6	296.6	397.5	468.3	470.8	452.8	437.1	423.9	416.7	415.5
67.5°	227.0	158.6	200.5	331.4	411.9	409.5	386.7	379.5	362.7	359.1	351.9
70°	168.1	105.6	139.3	269.0	356.7	350.7	332.6	324.3	308.6	300.2	295.5
72.5°	139.3	85.2	102.1	209.0	300.2	293.0	277.4	267.8	254.6	247.4	242.5
75°	112.9	90.1	78.1	154.9	243.8	239.0	224.5	215.0	204.1	194.6	195.7
77.5°	82.9	84.1	62.4	114.1	193.4	186.1	177.7	165.7	160.9	151.3	151.3
80°	62.4	66.1	46.8	78.1	139.3	139.3	132.1	123.7	115.3	110.5	110.5
82.5°	42.0	42.0	34.8	49.2	94.9	91.2	86.5	84.1	79.2	76.8	76.8
85°	19.2	24.0	21.6	30.0	51.7	54.1	54.1	51.7	50.4	48.1	49.2
87.5°	6.0	10.8	13.3	16.8	26.4	27.7	28.8	28.8	28.8	30.0	30.0
90°	9.3	16.7	24.1	26.0	40.8	60.6	70.5	62.6	46.9	35.2	35.2
92.5°	37.1	100.1	163.2	179.0	251.6	348.4	396.8	347.7	249.7	176.1	169.1
95°	89.0	204.4	319.8	348.6	619.0	979.6	1159.8	1035.0	785.3	598.0	576.8
97.5°	153.9	255.7	357.5	382.9	833.8	1435.0	1735.6	1656.7	1498.8	1380.5	1340.1
100°	204.0	296.3	388.6	411.7	912.0	1579.1	1912.7	1918.4	1929.9	1938.6	1890.5
102.5°	246.6	332.7	418.8	440.4	947.9	1624.5	1962.7	2063.2	2264.3	2415.1	2373.9
105°	318.9	391.9	464.8	483.0	974.4	1629.6	1957.2	2182.5	2633.3	2971.4	2949.2
107.5°	393.1	461.1	529.0	546.1	979.3	1557.0	1845.9	2160.3	2789.1	3260.6	3266.0
110°	443.2	504.6	566.0	581.3	972.0	1492.8	1753.2	2104.7	2807.6	3334.8	3357.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	492.3	550.8	609.3	623.9	972.2	1436.6	1668.8	2028.5	2747.9	3287.5	3323.0
115°	566.5	620.5	674.3	687.9	981.2	1372.2	1567.8	1914.3	2607.3	3127.1	3176.3
117.5°	639.7	688.8	737.7	750.0	999.4	1332.0	1498.2	1810.9	2436.4	2905.6	2960.1
120°	682.3	728.5	774.6	786.2	1014.2	1318.3	1470.4	1756.2	2327.6	2756.3	2809.2
122.5°	724.0	770.6	817.2	828.8	1035.5	1311.2	1449.1	1706.4	2221.1	2607.1	2659.3
125°	788.1	830.5	872.9	883.5	1064.3	1305.4	1425.9	1644.5	2081.7	2409.6	2457.6
127.5°	840.0	882.9	925.7	936.4	1093.1	1302.0	1406.4	1594.1	1969.5	2251.0	2291.6
130°	867.7	913.9	960.0	971.6	1114.0	1304.0	1399.0	1566.1	1900.3	2150.9	2188.4
132.5°	896.5	942.7	988.8	1000.3	1131.0	1305.4	1392.5	1542.1	1841.2	2065.6	2099.1
135°	939.2	981.2	1023.3	1033.7	1149.6	1304.1	1381.4	1506.6	1757.1	1945.1	1974.0
137.5°	982.7	1024.3	1066.0	1076.3	1177.4	1312.2	1379.5	1485.4	1697.2	1856.1	1879.8
140°	1018.9	1057.2	1095.5	1105.1	1194.4	1313.5	1373.1	1464.6	1647.5	1784.7	1806.8
142.5°	1046.7	1082.2	1117.5	1126.4	1208.6	1318.3	1373.1	1453.4	1614.1	1734.6	1753.6
145°	1089.3	1120.2	1151.2	1158.9	1227.2	1318.3	1363.7	1429.5	1561.0	1659.6	1674.0
147.5°	1132.0	1162.1	1192.2	1199.7	1254.4	1327.3	1363.7	1415.5	1518.9	1596.5	1608.4
150°	1159.8	1187.0	1214.2	1221.0	1268.6	1332.0	1363.7	1407.4	1494.8	1560.3	1570.0
152.5°	1188.5	1209.1	1229.7	1234.9	1277.9	1335.1	1363.7	1401.1	1475.7	1531.6	1539.0
155°	1231.2	1246.5	1261.7	1265.5	1298.3	1341.9	1363.7	1393.5	1452.8	1497.3	1502.2
157.5°	1262.7	1277.5	1292.4	1296.1	1318.6	1348.7	1363.7	1386.8	1432.9	1467.6	1471.0
160°	1284.1	1295.6	1307.2	1310.0	1327.9	1351.8	1363.7	1383.5	1423.1	1452.7	1454.7
162.5°	1305.4	1314.0	1322.6	1324.8	1337.8	1355.1	1363.7	1380.4	1413.8	1438.9	1440.7
165°	1328.6	1336.4	1344.2	1346.2	1352.0	1359.8	1363.7	1375.7	1399.6	1417.5	1419.5
167.5°	1349.9	1353.5	1357.3	1358.2	1363.1	1369.7	1373.1	1380.8	1396.5	1408.2	1409.0
170°	1363.7	1367.5	1371.3	1372.2	1372.4	1372.9	1373.1	1380.8	1396.5	1408.2	1408.2
172.5°	1371.2	1372.0	1372.9	1373.1	1373.1	1373.1	1373.1	1379.2	1391.6	1400.9	1400.2
175°	1381.4	1381.4	1381.4	1381.4	1378.6	1374.9	1373.1	1377.0	1384.8	1390.7	1390.7
177.5°	1381.4	1381.4	1381.4	1381.4	1379.2	1376.4	1374.9	1378.0	1384.2	1388.8	1388.0
180°	1381.4	1381.4	1381.4	1381.4	1381.4	1381.4	1381.4	1381.4	1381.4	1381.4	1381.4



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1269.4	1269.4	1269.4	1269.4	1269.4	1269.4	1269.4	1269.4	1269.4	1269.4	1269.4
2.5°	1301.8	1298.2	1301.8	1299.4	1300.5	1296.9	1286.1	1282.5	1286.1	1289.8	1289.8
5°	1317.4	1314.9	1317.4	1317.4	1316.2	1313.8	1301.8	1299.4	1301.8	1302.9	1300.5
7.5°	1322.2	1318.6	1322.2	1319.8	1319.8	1317.4	1305.4	1302.9	1304.2	1307.8	1304.2
10°	1322.2	1318.6	1322.2	1320.9	1319.8	1317.4	1305.4	1300.5	1300.5	1304.2	1300.5
12.5°	1316.2	1313.8	1316.2	1313.8	1313.8	1311.4	1299.4	1294.5	1295.8	1296.9	1292.1
15°	1306.5	1302.9	1306.5	1304.2	1305.4	1301.8	1288.5	1283.8	1283.8	1286.1	1277.7
17.5°	1292.1	1287.4	1292.1	1291.0	1289.8	1287.4	1275.4	1270.5	1269.4	1270.5	1264.5
20°	1275.4	1271.7	1275.4	1274.1	1274.1	1269.4	1257.3	1251.3	1251.3	1251.3	1245.3
22.5°	1249.0	1245.3	1249.0	1251.3	1251.3	1250.1	1239.3	1230.9	1228.5	1228.5	1221.3
25°	1218.9	1215.3	1218.9	1218.9	1217.7	1218.9	1215.3	1210.5	1206.9	1203.3	1196.0
27.5°	1190.0	1187.7	1190.0	1187.7	1190.0	1186.5	1185.3	1184.1	1179.3	1175.6	1166.1
30°	1161.2	1158.9	1161.2	1158.9	1156.5	1154.1	1148.1	1145.6	1150.5	1148.1	1132.5
32.5°	1125.2	1122.8	1125.2	1125.2	1122.8	1122.8	1113.2	1109.6	1110.8	1118.1	1103.7
35°	1088.0	1084.4	1088.0	1086.8	1088.0	1084.4	1078.4	1077.2	1072.4	1080.8	1070.0
37.5°	1044.7	1041.2	1044.7	1044.7	1044.7	1047.2	1042.4	1038.7	1031.6	1042.4	1034.0
40°	1000.3	995.5	1000.3	999.2	1000.3	1002.7	1000.3	997.9	990.8	999.2	991.9
42.5°	949.9	948.7	949.9	951.1	951.1	955.9	959.5	954.7	952.3	946.3	951.1
45°	895.8	893.4	895.8	898.3	899.4	901.8	912.7	912.7	909.1	899.4	906.7
47.5°	838.2	832.2	838.2	845.4	845.4	849.0	859.9	868.3	862.3	850.2	853.9
50°	777.0	778.2	777.0	781.8	781.8	794.9	803.4	811.8	817.8	803.4	786.6
52.5°	717.0	715.7	717.0	720.5	725.3	731.4	745.8	754.1	763.8	755.4	729.0
55°	656.9	659.3	656.9	658.1	660.5	664.1	685.7	694.1	712.1	701.3	673.7
57.5°	596.8	593.2	596.8	599.2	600.5	604.1	622.1	637.6	648.5	649.6	616.1
60°	527.2	522.4	527.2	538.0	540.4	542.8	559.6	574.0	583.7	587.2	552.4
62.5°	465.9	457.5	465.9	473.2	477.9	483.9	496.0	517.6	526.0	527.2	477.9
65°	401.1	397.5	401.1	415.5	416.7	423.9	437.1	452.8	470.8	468.3	397.5
67.5°	342.3	342.3	342.3	351.9	359.1	362.7	379.5	386.7	409.5	411.9	331.4
70°	288.2	287.0	288.2	295.5	300.2	308.6	324.3	332.6	350.7	356.7	269.0
72.5°	236.5	235.4	236.5	242.5	247.4	254.6	267.8	277.4	293.0	300.2	209.0
75°	191.0	188.6	191.0	195.7	194.6	204.1	215.0	224.5	239.0	243.8	154.9
77.5°	146.5	146.5	146.5	151.3	151.3	160.9	165.7	177.7	186.1	193.4	114.1
80°	109.3	108.1	109.3	110.5	110.5	115.3	123.7	132.1	139.3	139.3	78.1
82.5°	76.8	74.5	76.8	76.8	76.8	79.2	84.1	86.5	91.2	94.9	49.2
85°	48.1	48.1	48.1	49.2	48.1	50.4	51.7	54.1	54.1	51.7	30.0
87.5°	31.2	30.0	31.2	30.0	30.0	28.8	28.8	28.8	27.7	26.4	16.8
90°	35.2	35.2	35.2	35.2	35.2	46.9	62.6	70.5	60.6	40.8	26.0
92.5°	141.1	113.1	141.1	169.1	176.1	249.7	347.7	396.8	348.4	251.6	179.0
95°	491.9	407.0	491.9	576.8	598.0	785.3	1035.0	1159.8	979.6	619.0	348.6
97.5°	1178.6	1017.1	1178.6	1340.1	1380.5	1498.8	1656.7	1735.6	1435.0	833.8	382.9
100°	1698.0	1505.6	1698.0	1890.5	1938.6	1929.9	1918.4	1912.7	1579.1	912.0	411.7
102.5°	2209.1	2044.3	2209.1	2373.9	2415.1	2264.3	2063.2	1962.7	1624.5	947.9	440.4
105°	2860.6	2772.1	2860.6	2949.2	2971.4	2633.3	2182.5	1957.2	1629.6	974.4	483.0
107.5°	3287.4	3308.8	3287.4	3266.0	3260.6	2789.1	2160.3	1845.9	1557.0	979.3	546.1
110°	3450.2	3542.5	3450.2	3357.9	3334.8	2807.6	2104.7	1753.2	1492.8	972.0	581.3



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3464.7	3606.4	3464.7	3323.0	3287.5	2747.9	2028.5	1668.8	1436.6	972.2	623.9
115°	3372.8	3569.3	3372.8	3176.3	3127.1	2607.3	1914.3	1567.8	1372.2	981.2	687.9
117.5°	3178.0	3396.0	3178.0	2960.1	2905.6	2436.4	1810.9	1498.2	1332.0	999.4	750.0
120°	3021.1	3232.8	3021.1	2809.2	2756.3	2327.6	1756.2	1470.4	1318.3	1014.2	786.2
122.5°	2868.2	3077.1	2868.2	2659.3	2607.1	2221.1	1706.4	1449.1	1311.2	1035.5	828.8
125°	2650.1	2842.5	2650.1	2457.6	2409.6	2081.7	1644.5	1425.9	1305.4	1064.3	883.5
127.5°	2454.0	2616.3	2454.0	2291.6	2251.0	1969.5	1594.1	1406.4	1302.0	1093.1	936.4
130°	2338.4	2488.3	2338.4	2188.4	2150.9	1900.3	1566.1	1399.0	1304.0	1114.0	971.6
132.5°	2233.5	2367.8	2233.5	2099.1	2065.6	1841.2	1542.1	1392.5	1305.4	1131.0	1000.3
135°	2089.8	2205.6	2089.8	1974.0	1945.1	1757.1	1506.6	1381.4	1304.1	1149.6	1033.7
137.5°	1974.5	2069.3	1974.5	1879.8	1856.1	1697.2	1485.4	1379.5	1312.2	1177.4	1076.3
140°	1895.5	1984.0	1895.5	1806.8	1784.7	1647.5	1464.6	1373.1	1313.5	1194.4	1105.1
142.5°	1829.8	1906.1	1829.8	1753.6	1734.6	1614.1	1453.4	1373.1	1318.3	1208.6	1126.4
145°	1731.6	1789.3	1731.6	1674.0	1659.6	1561.0	1429.5	1363.7	1318.3	1227.2	1158.9
147.5°	1656.2	1704.0	1656.2	1608.4	1596.5	1518.9	1415.5	1363.7	1327.3	1254.4	1199.7
150°	1608.8	1647.5	1608.8	1570.0	1560.3	1494.8	1407.4	1363.7	1332.0	1268.6	1221.0
152.5°	1568.1	1597.4	1568.1	1539.0	1531.6	1475.7	1401.1	1363.7	1335.1	1277.9	1234.9
155°	1521.5	1540.8	1521.5	1502.2	1497.3	1452.8	1393.5	1363.7	1341.9	1298.3	1265.5
157.5°	1484.6	1498.2	1484.6	1471.0	1467.6	1432.9	1386.8	1363.7	1348.7	1318.6	1296.1
160°	1462.5	1470.4	1462.5	1454.7	1452.7	1423.1	1383.5	1363.7	1351.8	1327.9	1310.0
162.5°	1448.2	1455.6	1448.2	1440.7	1438.9	1413.8	1380.4	1363.7	1355.1	1337.8	1324.8
165°	1427.3	1435.2	1427.3	1419.5	1417.5	1399.6	1375.7	1363.7	1359.8	1352.0	1346.2
167.5°	1412.4	1415.7	1412.4	1409.0	1408.2	1396.5	1380.8	1373.1	1369.7	1363.1	1358.2
170°	1408.2	1408.2	1408.2	1408.2	1408.2	1396.5	1380.8	1373.1	1372.9	1372.4	1372.2
172.5°	1397.2	1394.4	1397.2	1400.2	1400.9	1391.6	1379.2	1373.1	1373.1	1373.1	1373.1
175°	1390.7	1390.7	1390.7	1390.7	1390.7	1384.8	1377.0	1373.1	1374.9	1378.6	1381.4
177.5°	1384.7	1381.4	1384.7	1388.0	1388.8	1384.2	1378.0	1374.9	1376.4	1379.2	1381.4
180°	1381.4	1381.4	1381.4	1381.4	1381.4	1381.4	1381.4	1381.4	1381.4	1381.4	1381.4



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1269.4	1269.4	1269.4	1269.4	1269.4	1269.4	1269.4	1269.4	1269.4	1269.4	1269.4
2.5°	1287.4	1280.1	1280.1	1268.1	1263.4	1259.7	1253.7	1235.7	1230.9	1226.1	1233.3
5°	1298.2	1285.0	1275.4	1253.7	1235.7	1228.5	1205.7	1162.5	1133.6	1112.0	1100.0
7.5°	1300.5	1283.8	1265.7	1232.1	1188.9	1169.6	1100.0	1020.7	999.2	979.9	967.9
10°	1298.2	1279.0	1253.7	1203.3	1101.2	1067.6	997.9	946.3	933.1	929.5	933.1
12.5°	1289.8	1271.7	1236.9	1152.9	1009.9	987.2	946.3	916.3	913.8	919.8	952.3
15°	1275.4	1258.5	1217.7	1085.6	959.5	942.7	913.8	903.1	916.3	958.3	1055.6
17.5°	1261.0	1241.7	1191.3	1019.6	921.1	909.1	888.7	910.3	984.8	1041.2	1073.6
20°	1241.7	1218.9	1161.2	971.5	893.4	882.7	873.0	970.3	1026.7	1047.2	1065.2
22.5°	1218.9	1194.9	1120.4	937.9	864.6	856.3	862.3	1003.9	1026.7	1041.2	1056.7
25°	1188.9	1168.5	1072.4	911.5	841.9	832.2	855.0	1000.3	1013.6	1017.2	1048.4
27.5°	1161.2	1134.8	1022.0	887.4	814.2	810.6	861.0	984.8	994.3	997.9	1031.6
30°	1127.6	1088.0	965.5	862.3	785.4	784.2	862.3	965.5	963.1	972.8	1006.3
32.5°	1092.8	1018.3	901.8	831.0	757.8	756.5	853.9	936.7	934.3	947.5	972.8
35°	1060.4	964.3	815.4	794.9	723.0	724.1	833.4	903.1	904.3	916.3	931.9
37.5°	1026.7	917.5	720.5	755.4	689.3	689.3	805.8	871.9	869.4	873.0	894.7
40°	987.2	844.2	636.5	703.7	658.1	654.5	772.2	838.2	829.8	828.6	858.6
42.5°	945.1	763.8	574.0	635.3	622.1	617.2	731.4	797.4	781.8	785.4	823.8
45°	899.4	742.1	526.0	536.8	584.8	581.2	686.9	750.5	739.7	749.4	788.9
47.5°	853.9	698.9	510.4	445.5	545.2	544.0	637.6	704.9	698.9	708.5	750.5
50°	791.4	650.9	509.2	381.9	500.7	505.6	578.8	660.5	660.5	668.9	713.3
52.5°	711.0	592.1	462.3	345.9	449.1	463.5	527.2	622.1	624.5	632.9	672.5
55°	637.6	530.8	428.7	318.2	387.8	419.1	476.8	582.4	587.2	595.7	631.6
57.5°	570.4	441.9	421.5	285.8	331.4	361.4	432.3	544.0	546.4	553.6	588.4
60°	498.3	319.4	386.7	251.0	282.2	305.0	391.5	498.3	506.7	511.6	541.6
62.5°	416.7	231.8	350.7	227.0	258.2	263.0	357.9	455.2	465.9	469.6	487.6
65°	296.6	194.6	297.8	206.5	233.0	234.2	321.9	410.7	420.3	426.3	439.5
67.5°	200.5	158.6	227.0	187.3	213.8	215.0	287.0	359.1	372.3	377.1	385.5
70°	139.3	105.6	168.1	166.9	192.1	194.6	249.8	312.2	324.3	327.9	332.6
72.5°	102.1	85.2	139.3	150.1	169.3	171.7	211.4	259.4	271.4	275.0	277.4
75°	78.1	90.1	112.9	130.9	144.1	145.3	172.9	211.4	219.8	222.1	223.4
77.5°	62.4	84.1	82.9	105.6	117.6	115.3	135.7	163.3	170.6	170.6	170.6
80°	46.8	66.1	62.4	75.7	86.5	84.1	97.2	116.5	118.9	121.3	120.1
82.5°	34.8	42.0	42.0	48.1	57.7	55.2	64.8	75.7	75.7	75.7	78.1
85°	21.6	24.0	19.2	25.2	32.4	31.2	36.0	40.8	42.0	42.0	39.7
87.5°	13.3	10.8	6.0	9.6	14.4	14.4	16.8	18.0	16.8	16.8	16.8
90°	24.1	16.7	9.3	16.7	24.1	26.0	40.8	60.6	70.5	62.6	46.9
92.5°	163.2	100.1	37.1	100.1	163.2	179.0	251.6	348.4	396.8	347.7	249.7
95°	319.8	204.4	89.0	204.4	319.8	348.6	619.0	979.6	1159.8	1035.0	785.3
97.5°	357.5	255.7	153.9	255.7	357.5	382.9	833.8	1435.0	1735.6	1656.7	1498.8
100°	388.6	296.3	204.0	296.3	388.6	411.7	912.0	1579.1	1912.7	1918.4	1929.9
102.5°	418.8	332.7	246.6	332.7	418.8	440.4	947.9	1624.5	1962.7	2063.2	2264.3
105°	464.8	391.9	318.9	391.9	464.8	483.0	974.4	1629.6	1957.2	2182.5	2633.3
107.5°	529.0	461.1	393.1	461.1	529.0	546.1	979.3	1557.0	1845.9	2160.3	2789.1
110°	566.0	504.6	443.2	504.6	566.0	581.3	972.0	1492.8	1753.2	2104.7	2807.6



TEST NUMBER: P935466

CATALOG NUMBER: SQ4-FA-125U-050D-93050-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	609.3	550.8	492.3	550.8	609.3	623.9	972.2	1436.6	1668.8	2028.5	2747.9
115°	674.3	620.5	566.5	620.5	674.3	687.9	981.2	1372.2	1567.8	1914.3	2607.3
117.5°	737.7	688.8	639.7	688.8	737.7	750.0	999.4	1332.0	1498.2	1810.9	2436.4
120°	774.6	728.5	682.3	728.5	774.6	786.2	1014.2	1318.3	1470.4	1756.2	2327.6
122.5°	817.2	770.6	724.0	770.6	817.2	828.8	1035.5	1311.2	1449.1	1706.4	2221.1
125°	872.9	830.5	788.1	830.5	872.9	883.5	1064.3	1305.4	1425.9	1644.5	2081.7
127.5°	925.7	882.9	840.0	882.9	925.7	936.4	1093.1	1302.0	1406.4	1594.1	1969.5
130°	960.0	913.9	867.7	913.9	960.0	971.6	1114.0	1304.0	1399.0	1566.1	1900.3
132.5°	988.8	942.7	896.5	942.7	988.8	1000.3	1131.0	1305.4	1392.5	1542.1	1841.2
135°	1023.3	981.2	939.2	981.2	1023.3	1033.7	1149.6	1304.1	1381.4	1506.6	1757.1
137.5°	1066.0	1024.3	982.7	1024.3	1066.0	1076.3	1177.4	1312.2	1379.5	1485.4	1697.2
140°	1095.5	1057.2	1018.9	1057.2	1095.5	1105.1	1194.4	1313.5	1373.1	1464.6	1647.5
142.5°	1117.5	1082.2	1046.7	1082.2	1117.5	1126.4	1208.6	1318.3	1373.1	1453.4	1614.1
145°	1151.2	1120.2	1089.3	1120.2	1151.2	1158.9	1227.2	1318.3	1363.7	1429.5	1561.0
147.5°	1192.2	1162.1	1132.0	1162.1	1192.2	1199.7	1254.4	1327.3	1363.7	1415.5	1518.9
150°	1214.2	1187.0	1159.8	1187.0	1214.2	1221.0	1268.6	1332.0	1363.7	1407.4	1494.8
152.5°	1229.7	1209.1	1188.5	1209.1	1229.7	1234.9	1277.9	1335.1	1363.7	1401.1	1475.7
155°	1261.7	1246.5	1231.2	1246.5	1261.7	1265.5	1298.3	1341.9	1363.7	1393.5	1452.8
157.5°	1292.4	1277.5	1262.7	1277.5	1292.4	1296.1	1318.6	1348.7	1363.7	1386.8	1432.9
160°	1307.2	1295.6	1284.1	1295.6	1307.2	1310.0	1327.9	1351.8	1363.7	1383.5	1423.1
162.5°	1322.6	1314.0	1305.4	1314.0	1322.6	1324.8	1337.8	1355.1	1363.7	1380.4	1413.8
165°	1344.2	1336.4	1328.6	1336.4	1344.2	1346.2	1352.0	1359.8	1363.7	1375.7	1399.6
167.5°	1357.3	1353.5	1349.9	1353.5	1357.3	1358.2	1363.1	1369.7	1373.1	1380.8	1396.5
170°	1371.3	1367.5	1363.7	1367.5	1371.3	1372.2	1372.4	1372.9	1373.1	1380.8	1396.5
172.5°	1372.9	1372.0	1371.2	1372.0	1372.9	1373.1	1373.1	1373.1	1373.1	1379.2	1391.6
175°	1381.4	1381.4	1381.4	1381.4	1381.4	1381.4	1378.6	1374.9	1373.1	1377.0	1384.8
177.5°	1381.4	1381.4	1381.4	1381.4	1381.4	1381.4	1379.2	1376.4	1374.9	1378.0	1384.2
180°	1381.4	1381.4	1381.4	1381.4	1381.4	1381.4	1381.4	1381.4	1381.4	1381.4	1381.4



TEST NUMBER: P935466

CATALOG NUMBER: SQ4-FA-125U-050D-93050-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1269.4	1269.4	1269.4	1269.4	1269.4	1269.4	1269.4	1269.4	1269.4	1269.4	1269.4
2.5°	1224.9	1221.3	1226.1	1212.9	1226.1	1221.3	1224.9	1233.3	1226.1	1230.9	1235.7
5°	1074.8	1068.8	1049.6	1034.0	1049.6	1068.8	1074.8	1100.0	1112.0	1133.6	1162.5
7.5°	960.7	955.9	951.1	941.5	951.1	955.9	960.7	967.9	979.9	999.2	1020.7
10°	935.5	936.7	943.9	942.7	943.9	936.7	935.5	933.1	929.5	933.1	946.3
12.5°	1000.3	1011.2	1050.7	1048.4	1050.7	1011.2	1000.3	952.3	919.8	913.8	916.3
15°	1074.8	1078.4	1086.8	1088.0	1086.8	1078.4	1074.8	1055.6	958.3	916.3	903.1
17.5°	1082.0	1083.2	1089.2	1089.2	1089.2	1083.2	1082.0	1073.6	1041.2	984.8	910.3
20°	1076.0	1078.4	1090.4	1092.8	1090.4	1078.4	1076.0	1065.2	1047.2	1026.7	970.3
22.5°	1073.6	1078.4	1088.0	1086.8	1088.0	1078.4	1073.6	1056.7	1041.2	1026.7	1003.9
25°	1061.6	1061.6	1062.8	1064.0	1062.8	1061.6	1061.6	1048.4	1017.2	1013.6	1000.3
27.5°	1036.3	1038.7	1046.0	1044.7	1046.0	1038.7	1036.3	1031.6	997.9	994.3	984.8
30°	1013.6	1011.2	1005.2	1000.3	1005.2	1011.2	1013.6	1006.3	972.8	963.1	965.5
32.5°	975.1	969.1	963.1	959.5	963.1	969.1	975.1	972.8	947.5	934.3	936.7
35°	929.5	930.7	929.5	925.8	929.5	930.7	929.5	931.9	916.3	904.3	903.1
37.5°	897.1	899.4	898.3	893.4	898.3	899.4	897.1	894.7	873.0	869.4	871.9
40°	863.4	864.6	863.4	859.9	863.4	864.6	863.4	858.6	828.6	829.8	838.2
42.5°	831.0	829.8	826.2	823.8	826.2	829.8	831.0	823.8	785.4	781.8	797.4
45°	793.8	794.9	787.8	784.2	787.8	794.9	793.8	788.9	749.4	739.7	750.5
47.5°	756.5	756.5	750.5	747.0	750.5	756.5	756.5	750.5	708.5	698.9	704.9
50°	717.0	715.7	707.3	706.1	707.3	715.7	717.0	713.3	668.9	660.5	660.5
52.5°	671.3	671.3	672.5	674.9	672.5	671.3	671.3	672.5	632.9	624.5	622.1
55°	631.6	632.9	641.3	643.6	641.3	632.9	631.6	631.6	595.7	587.2	582.4
57.5°	590.8	590.8	596.8	596.8	596.8	590.8	590.8	588.4	553.6	546.4	544.0
60°	544.0	546.4	551.2	550.0	551.2	546.4	544.0	541.6	511.6	506.7	498.3
62.5°	494.7	497.2	498.3	496.0	498.3	497.2	494.7	487.6	469.6	465.9	455.2
65°	443.1	445.5	446.8	444.3	446.8	445.5	443.1	439.5	426.3	420.3	410.7
67.5°	390.3	389.1	387.8	392.7	387.8	389.1	390.3	385.5	377.1	372.3	359.1
70°	336.3	336.3	335.0	337.4	335.0	336.3	336.3	332.6	327.9	324.3	312.2
72.5°	278.6	277.4	282.2	278.6	282.2	277.4	278.6	277.4	275.0	271.4	259.4
75°	222.1	224.5	222.1	225.8	222.1	224.5	222.1	223.4	222.1	219.8	211.4
77.5°	169.3	171.7	169.3	169.3	169.3	171.7	169.3	170.6	170.6	170.6	163.3
80°	120.1	118.9	118.9	117.6	118.9	118.9	120.1	120.1	121.3	118.9	116.5
82.5°	76.8	75.7	75.7	78.1	75.7	75.7	76.8	78.1	75.7	75.7	75.7
85°	42.0	43.2	40.8	40.8	40.8	43.2	42.0	39.7	42.0	42.0	40.8
87.5°	15.6	14.4	14.4	14.4	14.4	14.4	15.6	16.8	16.8	16.8	18.0
90°	35.2	35.2	35.2	35.2	35.2	35.2	35.2	46.9	62.6	70.5	60.6
92.5°	176.1	169.1	141.1	113.1	141.1	169.1	176.1	249.7	347.7	396.8	348.4
95°	598.0	576.8	491.9	407.0	491.9	576.8	598.0	785.3	1035.0	1159.8	979.6
97.5°	1380.5	1340.1	1178.6	1017.1	1178.6	1340.1	1380.5	1498.8	1656.7	1735.6	1435.0
100°	1938.6	1890.5	1698.0	1505.6	1698.0	1890.5	1938.6	1929.9	1918.4	1912.7	1579.1
102.5°	2415.1	2373.9	2209.1	2044.3	2209.1	2373.9	2415.1	2264.3	2063.2	1962.7	1624.5
105°	2971.4	2949.2	2860.6	2772.1	2860.6	2949.2	2971.4	2633.3	2182.5	1957.2	1629.6
107.5°	3260.6	3266.0	3287.4	3308.8	3287.4	3266.0	3260.6	2789.1	2160.3	1845.9	1557.0
110°	3334.8	3357.9	3450.2	3542.5	3450.2	3357.9	3334.8	2807.6	2104.7	1753.2	1492.8



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3287.5	3323.0	3464.7	3606.4	3464.7	3323.0	3287.5	2747.9	2028.5	1668.8	1436.6
115°	3127.1	3176.3	3372.8	3569.3	3372.8	3176.3	3127.1	2607.3	1914.3	1567.8	1372.2
117.5°	2905.6	2960.1	3178.0	3396.0	3178.0	2960.1	2905.6	2436.4	1810.9	1498.2	1332.0
120°	2756.3	2809.2	3021.1	3232.8	3021.1	2809.2	2756.3	2327.6	1756.2	1470.4	1318.3
122.5°	2607.1	2659.3	2868.2	3077.1	2868.2	2659.3	2607.1	2221.1	1706.4	1449.1	1311.2
125°	2409.6	2457.6	2650.1	2842.5	2650.1	2457.6	2409.6	2081.7	1644.5	1425.9	1305.4
127.5°	2251.0	2291.6	2454.0	2616.3	2454.0	2291.6	2251.0	1969.5	1594.1	1406.4	1302.0
130°	2150.9	2188.4	2338.4	2488.3	2338.4	2188.4	2150.9	1900.3	1566.1	1399.0	1304.0
132.5°	2065.6	2099.1	2233.5	2367.8	2233.5	2099.1	2065.6	1841.2	1542.1	1392.5	1305.4
135°	1945.1	1974.0	2089.8	2205.6	2089.8	1974.0	1945.1	1757.1	1506.6	1381.4	1304.1
137.5°	1856.1	1879.8	1974.5	2069.3	1974.5	1879.8	1856.1	1697.2	1485.4	1379.5	1312.2
140°	1784.7	1806.8	1895.5	1984.0	1895.5	1806.8	1784.7	1647.5	1464.6	1373.1	1313.5
142.5°	1734.6	1753.6	1829.8	1906.1	1829.8	1753.6	1734.6	1614.1	1453.4	1373.1	1318.3
145°	1659.6	1674.0	1731.6	1789.3	1731.6	1674.0	1659.6	1561.0	1429.5	1363.7	1318.3
147.5°	1596.5	1608.4	1656.2	1704.0	1656.2	1608.4	1596.5	1518.9	1415.5	1363.7	1327.3
150°	1560.3	1570.0	1608.8	1647.5	1608.8	1570.0	1560.3	1494.8	1407.4	1363.7	1332.0
152.5°	1531.6	1539.0	1568.1	1597.4	1568.1	1539.0	1531.6	1475.7	1401.1	1363.7	1335.1
155°	1497.3	1502.2	1521.5	1540.8	1521.5	1502.2	1497.3	1452.8	1393.5	1363.7	1341.9
157.5°	1467.6	1471.0	1484.6	1498.2	1484.6	1471.0	1467.6	1432.9	1386.8	1363.7	1348.7
160°	1452.7	1454.7	1462.5	1470.4	1462.5	1454.7	1452.7	1423.1	1383.5	1363.7	1351.8
162.5°	1438.9	1440.7	1448.2	1455.6	1448.2	1440.7	1438.9	1413.8	1380.4	1363.7	1355.1
165°	1417.5	1419.5	1427.3	1435.2	1427.3	1419.5	1417.5	1399.6	1375.7	1363.7	1359.8
167.5°	1408.2	1409.0	1412.4	1415.7	1412.4	1409.0	1408.2	1396.5	1380.8	1373.1	1369.7
170°	1408.2	1408.2	1408.2	1408.2	1408.2	1408.2	1408.2	1396.5	1380.8	1373.1	1372.9
172.5°	1400.9	1400.2	1397.2	1394.4	1397.2	1400.2	1400.9	1391.6	1379.2	1373.1	1373.1
175°	1390.7	1390.7	1390.7	1390.7	1390.7	1390.7	1390.7	1384.8	1377.0	1373.1	1374.9
177.5°	1388.8	1388.0	1384.7	1381.4	1384.7	1388.0	1388.8	1384.2	1378.0	1374.9	1376.4
180°	1381.4	1381.4	1381.4	1381.4	1381.4	1381.4	1381.4	1381.4	1381.4	1381.4	1381.4



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1269.4	1269.4	1269.4	1269.4	1269.4
2.5°	1253.7	1259.7	1263.4	1268.1	1280.1
5°	1205.7	1228.5	1235.7	1253.7	1275.4
7.5°	1100.0	1169.6	1188.9	1232.1	1265.7
10°	997.9	1067.6	1101.2	1203.3	1253.7
12.5°	946.3	987.2	1009.9	1152.9	1236.9
15°	913.8	942.7	959.5	1085.6	1217.7
17.5°	888.7	909.1	921.1	1019.6	1191.3
20°	873.0	882.7	893.4	971.5	1161.2
22.5°	862.3	856.3	864.6	937.9	1120.4
25°	855.0	832.2	841.9	911.5	1072.4
27.5°	861.0	810.6	814.2	887.4	1022.0
30°	862.3	784.2	785.4	862.3	965.5
32.5°	853.9	756.5	757.8	831.0	901.8
35°	833.4	724.1	723.0	794.9	815.4
37.5°	805.8	689.3	689.3	755.4	720.5
40°	772.2	654.5	658.1	703.7	636.5
42.5°	731.4	617.2	622.1	635.3	574.0
45°	686.9	581.2	584.8	536.8	526.0
47.5°	637.6	544.0	545.2	445.5	510.4
50°	578.8	505.6	500.7	381.9	509.2
52.5°	527.2	463.5	449.1	345.9	462.3
55°	476.8	419.1	387.8	318.2	428.7
57.5°	432.3	361.4	331.4	285.8	421.5
60°	391.5	305.0	282.2	251.0	386.7
62.5°	357.9	263.0	258.2	227.0	350.7
65°	321.9	234.2	233.0	206.5	297.8
67.5°	287.0	215.0	213.8	187.3	227.0
70°	249.8	194.6	192.1	166.9	168.1
72.5°	211.4	171.7	169.3	150.1	139.3
75°	172.9	145.3	144.1	130.9	112.9
77.5°	135.7	115.3	117.6	105.6	82.9
80°	97.2	84.1	86.5	75.7	62.4
82.5°	64.8	55.2	57.7	48.1	42.0
85°	36.0	31.2	32.4	25.2	19.2
87.5°	16.8	14.4	14.4	9.6	6.0
90°	40.8	26.0	24.1	16.7	9.3
92.5°	251.6	179.0	163.2	100.1	37.1
95°	619.0	348.6	319.8	204.4	89.0
97.5°	833.8	382.9	357.5	255.7	153.9
100°	912.0	411.7	388.6	296.3	204.0
102.5°	947.9	440.4	418.8	332.7	246.6
105°	974.4	483.0	464.8	391.9	318.9
107.5°	979.3	546.1	529.0	461.1	393.1
110°	972.0	581.3	566.0	504.6	443.2



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CATALOG NUMBER: SQ4-FA-125U-050D-93050-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	972.2	623.9	609.3	550.8	492.3
115°	981.2	687.9	674.3	620.5	566.5
117.5°	999.4	750.0	737.7	688.8	639.7
120°	1014.2	786.2	774.6	728.5	682.3
122.5°	1035.5	828.8	817.2	770.6	724.0
125°	1064.3	883.5	872.9	830.5	788.1
127.5°	1093.1	936.4	925.7	882.9	840.0
130°	1114.0	971.6	960.0	913.9	867.7
132.5°	1131.0	1000.3	988.8	942.7	896.5
135°	1149.6	1033.7	1023.3	981.2	939.2
137.5°	1177.4	1076.3	1066.0	1024.3	982.7
140°	1194.4	1105.1	1095.5	1057.2	1018.9
142.5°	1208.6	1126.4	1117.5	1082.2	1046.7
145°	1227.2	1158.9	1151.2	1120.2	1089.3
147.5°	1254.4	1199.7	1192.2	1162.1	1132.0
150°	1268.6	1221.0	1214.2	1187.0	1159.8
152.5°	1277.9	1234.9	1229.7	1209.1	1188.5
155°	1298.3	1265.5	1261.7	1246.5	1231.2
157.5°	1318.6	1296.1	1292.4	1277.5	1262.7
160°	1327.9	1310.0	1307.2	1295.6	1284.1
162.5°	1337.8	1324.8	1322.6	1314.0	1305.4
165°	1352.0	1346.2	1344.2	1336.4	1328.6
167.5°	1363.1	1358.2	1357.3	1353.5	1349.9
170°	1372.4	1372.2	1371.3	1367.5	1363.7
172.5°	1373.1	1373.1	1372.9	1372.0	1371.2
175°	1378.6	1381.4	1381.4	1381.4	1381.4
177.5°	1379.2	1381.4	1381.4	1381.4	1381.4
180°	1381.4	1381.4	1381.4	1381.4	1381.4



TEST NUMBER: P935466
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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	8.31	9.00	9.45	10.12	11.69	11.15	11.84	12.28	12.96	14.53
	3H	8.78	9.39	9.92	10.52	12.10	12.48	13.10	13.63	14.23	15.81
	4H	8.96	9.54	10.11	10.67	12.26	12.92	13.51	14.07	14.64	16.23
	6H	9.07	9.60	10.23	10.74	12.34	13.20	13.74	14.36	14.87	16.47
	8H	9.06	9.57	10.22	10.72	12.32	13.27	13.78	14.43	14.93	16.52
	12H	9.03	9.51	10.19	10.66	12.27	13.30	13.79	14.47	14.93	16.55
4H	2H	9.32	9.91	10.48	11.04	12.63	11.54	12.12	12.69	13.25	14.84
	3H	10.34	10.82	11.50	11.98	13.58	13.03	13.51	14.19	14.67	16.27
	4H	10.60	11.05	11.77	12.20	13.82	13.55	14.00	14.72	15.15	16.76
	6H	10.72	11.10	11.89	12.27	13.88	13.91	14.29	15.08	15.46	17.07
	8H	10.72	11.08	11.89	12.24	13.86	14.01	14.37	15.18	15.53	17.16
	12H	10.68	11.00	11.86	12.18	13.81	14.06	14.39	15.25	15.56	17.19
8H	4H	11.04	11.40	12.21	12.56	14.19	13.66	14.02	14.83	15.18	16.81
	6H	11.30	11.59	12.49	12.80	14.42	14.09	14.39	15.28	15.59	17.21
	8H	11.34	11.60	12.53	12.78	14.42	14.24	14.50	15.44	15.68	17.32
	12H	11.32	11.54	12.51	12.72	14.39	14.34	14.56	15.53	15.74	17.41
12H	4H	11.04	11.37	12.23	12.54	14.17	13.62	13.94	14.80	15.11	16.74
	6H	11.36	11.62	12.55	12.80	14.44	14.09	14.34	15.28	15.53	17.17
	8H	11.42	11.64	12.62	12.82	14.50	14.24	14.47	15.44	15.65	17.32