

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: P935888

Luminaire Tested: SQ4-FA-150U-050D-B2750-1D-UNV-W2A-W-6-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935888
REPORT IS A COMBINATION OF REPORTS P933771 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-050D-B2750-1D-UNV-W2A-W-6-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

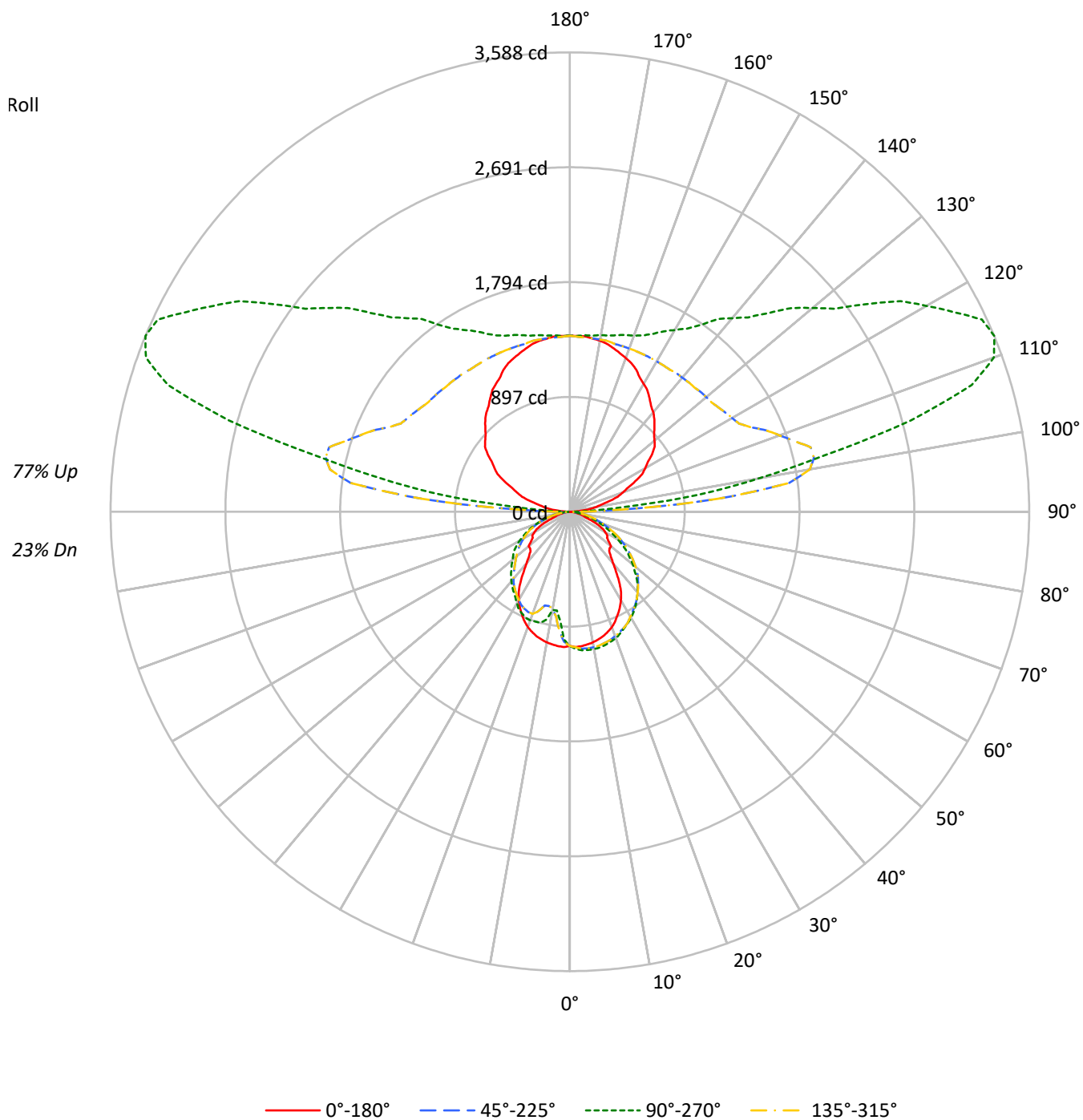
Lumens per Lamp: N/A
Luminaire Lumens: 11633.8 lumens
Efficiency: N/A
Efficacy: 139.5 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 83.4
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

TEST NUMBER: P935888

CATALOG NUMBER: SQ4-FA-150U-050D-B2750-1D-UNV-W2A-W-6-3000K

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	101	101	101	101	90	90	90	90	69	69	69	49	49	49	32	32	32	23		
1	92	88	84	81	81	78	75	72	60	58	56	43	42	41	28	27	27	20		
2	84	77	71	66	74	68	63	59	52	49	46	38	36	34	25	24	23	17		
3	76	67	60	55	67	60	54	49	46	42	39	34	31	29	22	20	19	14		
4	70	59	52	46	62	53	47	42	41	37	33	30	27	25	19	18	16	12		
5	64	53	45	39	56	47	40	36	36	32	28	27	24	21	17	16	14	10		
6	59	47	39	34	52	42	35	31	33	28	24	24	21	18	16	14	12	9		
7	54	42	35	29	48	38	31	27	30	25	21	22	19	16	14	12	11	8		
8	50	38	31	26	44	34	28	23	27	22	19	20	17	14	13	11	10	7		
9	46	35	28	23	41	31	25	21	24	20	17	18	15	13	12	10	9	6		
10	43	32	25	20	38	28	22	18	22	18	15	17	14	11	11	9	8	6		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	6486	6486	6486	6486
5°	6531	6547	6531	5148
10°	6486	6449	6486	4611
15°	6413	6309	6413	5268
20°	6277	6144	6277	5279
25°	5999	5903	5999	5167
30°	5642	5702	5642	4922
35°	5028	5449	5028	4652
40°	4187	5150	4187	4448
45°	3738	4800	3738	4214
50°	3968	4384	3968	3978
55°	3730	3936	3730	3842
60°	3841	3342	3841	3519
65°	3477	2763	3477	3088
70°	2401	2201	2401	2589
75°	2099	1627	2099	1949
80°	1679	1075	1679	1172
85°	948	569	948	484

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 5734 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.6	0.8
10°-20°	268.7	2.3
20°-30°	415.4	3.6
30°-40°	495.9	4.3
40°-50°	498.8	4.3
50°-60°	434.0	3.7
60°-70°	307.7	2.6
70°-80°	162.8	1.4
80°-90°	45.8	0.4
90°-100°	670.0	5.8
100°-110°	1761.4	15.1
110°-120°	1826.4	15.7
120°-130°	1465.0	12.6
130°-140°	1149.5	9.9
140°-150°	882.3	7.6
150°-160°	635.4	5.5
160°-170°	388.8	3.3
170°-180°	131.3	1.1
0°-30°	778.7	6.7
0°-40°	1274.6	11.0
0°-60°	2207.3	19.0
0°-90°	2723.6	23.4
90°-120°	4257.9	36.6
90°-150°	7754.7	66.7
90°-180°	8910.0	76.6
0°-180°	11633.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1048	1048	1048	1048	1048	
5°	1053	1086	1053	854	1053	100
15°	1006	1076	1006	899	1006	283
25°	886	1004	886	879	886	407
35°	674	896	674	765	674	417
45°	434	738	434	648	434	348
55°	354	545	354	532	354	325
65°	246	328	246	367	246	235
75°	93	156	93	186	93	98
85°	16	40	16	34	16	21
90°	9	35	9	35	9	8
95°	88	405	88	405	88	98
105°	317	2758	317	2758	317	336
115°	564	3552	564	3552	564	557
125°	784	2828	784	2828	784	696
135°	934	2194	934	2194	934	723
145°	1084	1780	1084	1780	1084	679
155°	1225	1533	1225	1533	1225	563
165°	1322	1428	1322	1428	1322	373
175°	1374	1384	1374	1384	1374	130
180°	1374	1374	1374	1374	1374	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4
2.5°	1057.4	1057.4	1063.3	1065.3	1065.3	1062.3	1059.4	1062.3	1071.3	1074.2	1073.3
5°	1053.3	1061.3	1072.3	1074.2	1076.2	1075.2	1073.3	1075.2	1085.1	1087.2	1088.1
7.5°	1045.5	1060.3	1074.2	1077.2	1080.2	1077.2	1076.2	1078.2	1088.1	1090.1	1090.1
10°	1035.5	1056.4	1072.3	1074.2	1077.2	1074.2	1074.2	1078.2	1088.1	1090.1	1091.1
12.5°	1021.7	1050.4	1065.3	1067.2	1071.3	1070.3	1069.2	1073.3	1083.1	1085.1	1085.1
15°	1005.8	1039.5	1053.3	1055.4	1062.3	1060.3	1060.3	1064.3	1075.2	1078.2	1077.2
17.5°	983.9	1025.6	1041.5	1044.5	1049.4	1048.4	1049.4	1053.3	1063.3	1065.3	1066.3
20°	959.2	1006.8	1025.6	1028.6	1033.5	1033.5	1033.5	1038.6	1048.4	1052.4	1052.4
22.5°	925.5	986.9	1006.8	1008.8	1014.7	1014.7	1016.7	1023.7	1032.5	1033.5	1033.5
25°	885.7	965.1	982.0	988.0	993.9	996.8	999.8	1003.8	1006.8	1005.8	1006.8
27.5°	844.1	937.3	959.2	963.1	971.1	974.1	978.0	979.0	980.0	982.9	981.0
30°	797.5	898.6	931.4	935.3	948.2	950.2	946.3	948.2	953.2	955.2	957.2
32.5°	744.9	841.2	902.6	911.6	923.5	917.5	916.5	919.4	927.4	927.4	929.4
35°	673.5	796.5	875.9	883.8	892.7	885.7	889.8	890.8	895.7	898.6	897.7
37.5°	595.1	757.8	848.1	854.0	861.0	852.0	858.0	861.0	864.9	862.9	862.9
40°	525.7	697.3	815.3	819.3	825.3	818.3	824.3	826.3	828.2	826.3	825.3
42.5°	474.2	630.8	780.6	785.5	781.6	786.5	788.6	792.5	789.6	785.5	785.5
45°	434.4	613.0	743.0	748.9	743.0	750.8	753.8	753.8	744.9	743.0	742.0
47.5°	421.5	577.3	705.3	705.3	702.2	712.2	717.1	710.2	701.2	698.3	698.3
50°	420.5	537.6	653.6	649.7	663.6	675.5	670.5	663.6	656.7	645.7	645.7
52.5°	381.9	489.0	587.2	602.1	623.9	630.8	623.0	616.0	604.0	599.1	595.1
55°	354.1	438.4	526.7	556.5	579.3	588.1	573.4	566.4	548.5	545.6	543.6
57.5°	348.2	365.0	471.1	508.9	536.6	535.6	526.7	513.8	498.9	496.0	495.0
60°	319.4	263.9	411.7	456.3	485.0	482.1	474.2	462.2	448.3	446.4	444.4
62.5°	289.6	191.5	344.2	394.8	435.4	434.4	427.5	409.7	399.7	394.8	390.9
65°	246.0	160.7	245.0	328.3	386.8	388.8	374.0	361.1	350.1	344.2	343.2
67.5°	187.4	130.9	165.6	273.8	340.3	338.2	319.4	313.4	299.5	296.6	290.7
70°	138.8	87.3	115.1	222.1	294.6	289.6	274.8	267.8	254.9	248.0	244.0
72.5°	115.1	70.4	84.3	172.6	248.0	242.1	229.1	221.2	210.3	204.3	200.4
75°	93.3	74.3	64.5	128.0	201.3	197.4	185.5	177.6	168.6	160.7	161.7
77.5°	68.4	69.4	51.6	94.3	159.7	153.7	146.8	136.9	132.9	125.0	125.0
80°	51.6	54.5	38.7	64.5	115.1	115.1	109.2	102.1	95.2	91.3	91.3
82.5°	34.7	34.7	28.8	40.6	78.4	75.4	71.4	69.4	65.5	63.5	63.5
85°	15.9	19.8	17.8	24.7	42.7	44.7	44.7	42.7	41.7	39.6	40.6
87.5°	4.9	9.0	10.9	13.9	21.8	22.8	23.8	23.8	23.8	24.7	24.7
90°	9.3	16.7	24.0	25.8	40.6	60.2	70.1	62.3	46.7	35.1	35.1
92.5°	36.9	99.6	162.4	178.1	250.3	346.7	394.8	346.0	248.5	175.3	168.3
95°	88.5	203.3	318.2	346.9	616.0	974.7	1154.0	1029.8	781.3	595.0	573.9
97.5°	153.1	254.4	355.7	381.0	829.6	1427.8	1726.9	1648.4	1491.3	1373.6	1333.4
100°	202.9	294.8	386.6	409.6	907.4	1571.2	1903.1	1908.8	1920.3	1928.9	1881.1
102.5°	245.4	331.1	416.8	438.2	943.1	1616.3	1952.9	2052.9	2252.9	2403.0	2362.0
105°	317.3	389.9	462.4	480.6	969.5	1621.4	1947.4	2171.6	2620.1	2956.5	2934.4
107.5°	391.1	458.8	526.4	543.3	974.4	1549.2	1836.6	2149.5	2775.1	3244.3	3249.7
110°	440.9	502.1	563.1	578.4	967.1	1485.2	1744.3	2094.1	2793.5	3318.1	3341.1

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	489.8	548.0	606.2	620.8	967.4	1429.4	1660.4	2018.3	2734.2	3271.1	3306.4
115°	563.6	617.3	671.1	684.5	976.2	1365.3	1559.9	1904.7	2594.3	3111.4	3160.3
117.5°	636.5	685.3	734.1	746.3	994.5	1325.3	1490.7	1801.9	2424.2	2891.0	2945.2
120°	679.0	724.9	770.9	782.3	1009.2	1311.8	1463.0	1747.4	2316.0	2742.5	2795.1
122.5°	720.5	766.8	813.2	824.7	1030.4	1304.7	1441.8	1697.9	2209.9	2594.0	2645.9
125°	784.1	826.3	868.6	879.1	1059.0	1298.9	1418.8	1636.3	2071.2	2397.5	2445.3
127.5°	835.7	878.3	921.0	931.7	1087.6	1295.4	1399.3	1586.1	1959.6	2239.7	2280.1
130°	863.4	909.4	955.3	966.8	1108.6	1297.6	1392.0	1558.3	1890.8	2140.1	2177.4
132.5°	892.0	938.0	983.9	995.4	1125.4	1298.9	1385.5	1534.3	1832.0	2055.2	2088.6
135°	934.4	976.2	1018.1	1028.6	1143.9	1297.6	1374.5	1499.1	1748.4	1935.3	1964.1
137.5°	977.8	1019.2	1060.6	1071.0	1171.6	1305.6	1372.6	1478.0	1688.7	1846.8	1870.3
140°	1013.8	1052.0	1090.0	1099.6	1188.4	1306.9	1366.2	1457.2	1639.2	1775.8	1797.8
142.5°	1041.4	1076.7	1112.0	1120.8	1202.6	1311.7	1366.2	1446.2	1606.0	1725.9	1744.8
145°	1083.9	1114.7	1145.4	1153.1	1221.1	1311.7	1356.9	1422.3	1553.1	1651.3	1665.6
147.5°	1126.3	1156.3	1186.2	1193.7	1248.1	1320.6	1356.9	1408.4	1511.2	1588.4	1600.4
150°	1154.0	1181.0	1208.0	1214.9	1262.2	1325.4	1356.9	1400.4	1487.3	1552.5	1562.1
152.5°	1182.6	1203.1	1223.6	1228.8	1271.4	1328.4	1356.9	1394.0	1468.3	1523.9	1531.2
155°	1225.0	1240.2	1255.4	1259.1	1291.8	1335.2	1356.9	1386.4	1445.5	1489.7	1494.6
157.5°	1256.4	1271.2	1285.9	1289.6	1312.1	1341.9	1356.9	1379.9	1425.9	1460.3	1463.6
160°	1277.7	1289.1	1300.5	1303.4	1321.2	1345.0	1356.9	1376.7	1416.0	1445.5	1447.4
162.5°	1298.9	1307.4	1316.0	1318.2	1331.1	1348.4	1356.9	1373.5	1406.7	1431.7	1433.5
165°	1321.9	1329.7	1337.4	1339.4	1345.2	1353.0	1356.9	1368.9	1392.6	1410.5	1412.4
167.5°	1343.1	1346.8	1350.5	1351.4	1356.3	1362.9	1366.2	1374.0	1389.6	1401.2	1402.0
170°	1356.9	1360.6	1364.3	1365.2	1365.5	1366.0	1366.2	1374.0	1389.6	1401.2	1401.2
172.5°	1364.3	1365.1	1366.0	1366.2	1366.2	1366.2	1366.2	1372.3	1384.6	1393.8	1393.1
175°	1374.5	1374.5	1374.5	1374.5	1371.7	1368.1	1366.2	1370.0	1377.8	1383.7	1383.7
177.5°	1374.5	1374.5	1374.5	1374.5	1372.3	1369.5	1368.0	1371.0	1377.2	1381.9	1381.1
180°	1374.5	1374.5	1374.5	1374.5	1374.5	1374.5	1374.5	1374.5	1374.5	1374.5	1374.5

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4
2.5°	1075.2	1072.3	1075.2	1073.3	1074.2	1071.3	1062.3	1059.4	1062.3	1065.3	1065.3
5°	1088.1	1086.1	1088.1	1088.1	1087.2	1085.1	1075.2	1073.3	1075.2	1076.2	1074.2
7.5°	1092.1	1089.1	1092.1	1090.1	1090.1	1088.1	1078.2	1076.2	1077.2	1080.2	1077.2
10°	1092.1	1089.1	1092.1	1091.1	1090.1	1088.1	1078.2	1074.2	1074.2	1077.2	1074.2
12.5°	1087.2	1085.1	1087.2	1085.1	1085.1	1083.1	1073.3	1069.2	1070.3	1071.3	1067.2
15°	1079.2	1076.2	1079.2	1077.2	1078.2	1075.2	1064.3	1060.3	1060.3	1062.3	1055.4
17.5°	1067.2	1063.3	1067.2	1066.3	1065.3	1063.3	1053.3	1049.4	1048.4	1049.4	1044.5
20°	1053.3	1050.4	1053.3	1052.4	1052.4	1048.4	1038.6	1033.5	1033.5	1033.5	1028.6
22.5°	1031.6	1028.6	1031.6	1033.5	1033.5	1032.5	1023.7	1016.7	1014.7	1014.7	1008.8
25°	1006.8	1003.8	1006.8	1006.8	1005.8	1006.8	1003.8	999.8	996.8	993.9	988.0
27.5°	982.9	981.0	982.9	981.0	982.9	980.0	979.0	978.0	974.1	971.1	963.1
30°	959.2	957.2	959.2	957.2	955.2	953.2	948.2	946.3	950.2	948.2	935.3
32.5°	929.4	927.4	929.4	929.4	927.4	927.4	919.4	916.5	917.5	923.5	911.6
35°	898.6	895.7	898.6	897.7	898.6	895.7	890.8	889.8	885.7	892.7	883.8
37.5°	862.9	860.0	862.9	862.9	862.9	864.9	861.0	858.0	852.0	861.0	854.0
40°	826.3	822.3	826.3	825.3	826.3	828.2	826.3	824.3	818.3	825.3	819.3
42.5°	784.6	783.6	784.6	785.5	785.5	789.6	792.5	788.6	786.5	781.6	785.5
45°	740.0	737.9	740.0	742.0	743.0	744.9	753.8	753.8	750.8	743.0	748.9
47.5°	692.4	687.3	692.4	698.3	698.3	701.2	710.2	717.1	712.2	702.2	705.3
50°	641.8	642.8	641.8	645.7	645.7	656.7	663.6	670.5	675.5	663.6	649.7
52.5°	592.2	591.2	592.2	595.1	599.1	604.0	616.0	623.0	630.8	623.9	602.1
55°	542.6	544.6	542.6	543.6	545.6	548.5	566.4	573.4	588.1	579.3	556.5
57.5°	493.0	490.0	493.0	495.0	496.0	498.9	513.8	526.7	535.6	536.6	508.9
60°	435.4	431.5	435.4	444.4	446.4	448.3	462.2	474.2	482.1	485.0	456.3
62.5°	384.8	377.9	384.8	390.9	394.8	399.7	409.7	427.5	434.4	435.4	394.8
65°	331.3	328.3	331.3	343.2	344.2	350.1	361.1	374.0	388.8	386.8	328.3
67.5°	282.7	282.7	282.7	290.7	296.6	299.5	313.4	319.4	338.2	340.3	273.8
70°	238.0	237.0	238.0	244.0	248.0	254.9	267.8	274.8	289.6	294.6	222.1
72.5°	195.4	194.4	195.4	200.4	204.3	210.3	221.2	229.1	242.1	248.0	172.6
75°	157.8	155.7	157.8	161.7	160.7	168.6	177.6	185.5	197.4	201.3	128.0
77.5°	121.0	121.0	121.0	125.0	125.0	132.9	136.9	146.8	153.7	159.7	94.3
80°	90.2	89.2	90.2	91.3	91.3	95.2	102.1	109.2	115.1	115.1	64.5
82.5°	63.5	61.5	63.5	63.5	63.5	65.5	69.4	71.4	75.4	78.4	40.6
85°	39.6	39.6	39.6	40.6	39.6	41.7	42.7	44.7	44.7	42.7	24.7
87.5°	25.8	24.7	25.8	24.7	24.7	23.8	23.8	23.8	22.8	21.8	13.9
90°	35.1	35.1	35.1	35.1	35.1	46.7	62.3	70.1	60.2	40.6	25.8
92.5°	140.4	112.5	140.4	168.3	175.3	248.5	346.0	394.8	346.7	250.3	178.1
95°	489.4	405.0	489.4	573.9	595.0	781.3	1029.8	1154.0	974.7	616.0	346.9
97.5°	1172.6	1011.9	1172.6	1333.4	1373.6	1491.3	1648.4	1726.9	1427.8	829.6	381.0
100°	1689.6	1498.1	1689.6	1881.1	1928.9	1920.3	1908.8	1903.1	1571.2	907.4	409.6
102.5°	2198.0	2034.0	2198.0	2362.0	2403.0	2252.9	2052.9	1952.9	1616.3	943.1	438.2
105°	2846.3	2758.1	2846.3	2934.4	2956.5	2620.1	2171.6	1947.4	1621.4	969.5	480.6
107.5°	3271.0	3292.3	3271.0	3249.7	3244.3	2775.1	2149.5	1836.6	1549.2	974.4	543.3
110°	3432.9	3524.8	3432.9	3341.1	3318.1	2793.5	2094.1	1744.3	1485.2	967.1	578.4

TEST NUMBER: P935888

CATALOG NUMBER: SQ4-FA-150U-050D-B2750-1D-UNV-W2A-W-6-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3447.4	3588.3	3447.4	3306.4	3271.1	2734.2	2018.3	1660.4	1429.4	967.4	620.8
115°	3355.9	3551.5	3355.9	3160.3	3111.4	2594.3	1904.7	1559.9	1365.3	976.2	684.5
117.5°	3162.1	3379.0	3162.1	2945.2	2891.0	2424.2	1801.9	1490.7	1325.3	994.5	746.3
120°	3005.9	3216.6	3005.9	2795.1	2742.5	2316.0	1747.4	1463.0	1311.8	1009.2	782.3
122.5°	2853.8	3061.6	2853.8	2645.9	2594.0	2209.9	1697.9	1441.8	1304.7	1030.4	824.7
125°	2636.8	2828.2	2636.8	2445.3	2397.5	2071.2	1636.3	1418.8	1298.9	1059.0	879.1
127.5°	2441.6	2603.2	2441.6	2280.1	2239.7	1959.6	1586.1	1399.3	1295.4	1087.6	931.7
130°	2326.7	2475.8	2326.7	2177.4	2140.1	1890.8	1558.3	1392.0	1297.6	1108.6	966.8
132.5°	2222.2	2355.9	2222.2	2088.6	2055.2	1832.0	1534.3	1385.5	1298.9	1125.4	995.4
135°	2079.4	2194.5	2079.4	1964.1	1935.3	1748.4	1499.1	1374.5	1297.6	1143.9	1028.6
137.5°	1964.7	2059.0	1964.7	1870.3	1846.8	1688.7	1478.0	1372.6	1305.6	1171.6	1071.0
140°	1885.9	1974.1	1885.9	1797.8	1775.8	1639.2	1457.2	1366.2	1306.9	1188.4	1099.6
142.5°	1820.7	1896.6	1820.7	1744.8	1725.9	1606.0	1446.2	1366.2	1311.7	1202.6	1120.8
145°	1722.9	1780.3	1722.9	1665.6	1651.3	1553.1	1422.3	1356.9	1311.7	1221.1	1153.1
147.5°	1647.9	1695.5	1647.9	1600.4	1588.4	1511.2	1408.4	1356.9	1320.6	1248.1	1193.7
150°	1600.7	1639.2	1600.7	1562.1	1552.5	1487.3	1400.4	1356.9	1325.4	1262.2	1214.9
152.5°	1560.2	1589.4	1560.2	1531.2	1523.9	1468.3	1394.0	1356.9	1328.4	1271.4	1228.8
155°	1513.8	1533.1	1513.8	1494.6	1489.7	1445.5	1386.4	1356.9	1335.2	1291.8	1259.1
157.5°	1477.2	1490.7	1477.2	1463.6	1460.3	1425.9	1379.9	1356.9	1341.9	1312.1	1289.6
160°	1455.2	1463.0	1455.2	1447.4	1445.5	1416.0	1376.7	1356.9	1345.0	1321.2	1303.4
162.5°	1440.8	1448.2	1440.8	1433.5	1431.7	1406.7	1373.5	1356.9	1348.4	1331.1	1318.2
165°	1420.1	1427.9	1420.1	1412.4	1410.5	1392.6	1368.9	1356.9	1353.0	1345.2	1339.4
167.5°	1405.3	1408.6	1405.3	1402.0	1401.2	1389.6	1374.0	1366.2	1362.9	1356.3	1351.4
170°	1401.2	1401.2	1401.2	1401.2	1401.2	1389.6	1374.0	1366.2	1366.0	1365.5	1365.2
172.5°	1390.3	1387.4	1390.3	1393.1	1393.8	1384.6	1372.3	1366.2	1366.2	1366.2	1366.2
175°	1383.7	1383.7	1383.7	1383.7	1383.7	1377.8	1370.0	1366.2	1368.1	1371.7	1374.5
177.5°	1377.7	1374.5	1377.7	1381.1	1381.9	1377.2	1371.0	1368.0	1369.5	1372.3	1374.5
180°	1374.5	1374.5	1374.5	1374.5	1374.5	1374.5	1374.5	1374.5	1374.5	1374.5	1374.5

TEST NUMBER: P935888

CATALOG NUMBER: SQ4-FA-150U-050D-B2750-1D-UNV-W2A-W-6-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4
2.5°	1063.3	1057.4	1057.4	1047.4	1043.5	1040.5	1035.5	1020.7	1016.7	1012.7	1018.6
5°	1072.3	1061.3	1053.3	1035.5	1020.7	1014.7	995.9	960.2	936.3	918.5	908.6
7.5°	1074.2	1060.3	1045.5	1017.7	982.0	966.1	908.6	843.1	825.3	809.4	799.4
10°	1072.3	1056.4	1035.5	993.9	909.6	881.8	824.3	781.6	770.7	767.7	770.7
12.5°	1065.3	1050.4	1021.7	952.2	834.2	815.3	781.6	756.9	754.8	759.8	786.5
15°	1053.3	1039.5	1005.8	896.7	792.5	778.6	754.8	745.9	756.9	791.6	871.9
17.5°	1041.5	1025.6	983.9	842.1	760.8	750.8	734.0	751.8	813.4	860.0	886.7
20°	1025.6	1006.8	959.2	802.4	737.9	729.0	721.1	801.4	848.1	864.9	879.8
22.5°	1006.8	986.9	925.5	774.7	714.2	707.3	712.2	829.2	848.1	860.0	872.9
25°	982.0	965.1	885.7	752.8	695.3	687.3	706.3	826.3	837.1	840.2	865.9
27.5°	959.2	937.3	844.1	733.0	672.6	669.5	711.2	813.4	821.3	824.3	852.0
30°	931.4	898.6	797.5	712.2	648.7	647.7	712.2	797.5	795.5	803.4	831.2
32.5°	902.6	841.2	744.9	686.4	625.9	624.9	705.3	773.7	771.7	782.6	803.4
35°	875.9	796.5	673.5	656.7	597.1	598.1	688.3	745.9	746.9	756.9	769.7
37.5°	848.1	757.8	595.1	623.9	569.3	569.3	665.6	720.1	718.1	721.1	739.0
40°	815.3	697.3	525.7	581.2	543.6	540.6	637.7	692.4	685.4	684.4	709.2
42.5°	780.6	630.8	474.2	524.7	513.8	509.9	604.0	658.6	645.7	648.7	680.4
45°	743.0	613.0	434.4	443.4	483.0	480.1	567.3	619.9	611.0	618.9	651.6
47.5°	705.3	577.3	421.5	368.0	450.3	449.3	526.7	582.2	577.3	585.2	619.9
50°	653.6	537.6	420.5	315.4	413.6	417.6	478.1	545.6	545.6	552.5	589.2
52.5°	587.2	489.0	381.9	285.6	370.9	382.9	435.4	513.8	515.8	522.8	555.4
55°	526.7	438.4	354.1	262.9	320.4	346.2	393.8	481.1	485.0	492.0	521.7
57.5°	471.1	365.0	348.2	236.0	273.8	298.6	357.1	449.3	451.3	457.3	486.0
60°	411.7	263.9	319.4	207.3	233.1	251.9	323.3	411.7	418.6	422.5	447.3
62.5°	344.2	191.5	289.6	187.4	213.3	217.2	295.6	376.0	384.8	387.8	402.7
65°	245.0	160.7	246.0	170.6	192.5	193.5	265.8	339.2	347.2	352.1	363.0
67.5°	165.6	130.9	187.4	154.7	176.6	177.6	237.0	296.6	307.5	311.5	318.4
70°	115.1	87.3	138.8	137.8	158.7	160.7	206.3	257.9	267.8	270.8	274.8
72.5°	84.3	70.4	115.1	123.9	139.8	141.9	174.6	214.3	224.2	227.2	229.1
75°	64.5	74.3	93.3	108.2	119.0	120.0	142.9	174.6	181.5	183.5	184.5
77.5°	51.6	69.4	68.4	87.3	97.2	95.2	112.1	134.9	140.8	140.8	140.8
80°	38.7	54.5	51.6	62.5	71.4	69.4	80.4	96.2	98.2	100.2	99.2
82.5°	28.8	34.7	34.7	39.6	47.6	45.7	53.5	62.5	62.5	62.5	64.5
85°	17.8	19.8	15.9	20.8	26.8	25.8	29.8	33.7	34.7	34.7	32.7
87.5°	10.9	9.0	4.9	7.9	11.9	11.9	13.9	14.9	13.9	13.9	13.9
90°	24.0	16.7	9.3	16.7	24.0	25.8	40.6	60.2	70.1	62.3	46.7
92.5°	162.4	99.6	36.9	99.6	162.4	178.1	250.3	346.7	394.8	346.0	248.5
95°	318.2	203.3	88.5	203.3	318.2	346.9	616.0	974.7	1154.0	1029.8	781.3
97.5°	355.7	254.4	153.1	254.4	355.7	381.0	829.6	1427.8	1726.9	1648.4	1491.3
100°	386.6	294.8	202.9	294.8	386.6	409.6	907.4	1571.2	1903.1	1908.8	1920.3
102.5°	416.8	331.1	245.4	331.1	416.8	438.2	943.1	1616.3	1952.9	2052.9	2252.9
105°	462.4	389.9	317.3	389.9	462.4	480.6	969.5	1621.4	1947.4	2171.6	2620.1
107.5°	526.4	458.8	391.1	458.8	526.4	543.3	974.4	1549.2	1836.6	2149.5	2775.1
110°	563.1	502.1	440.9	502.1	563.1	578.4	967.1	1485.2	1744.3	2094.1	2793.5

TEST NUMBER: P935888

CATALOG NUMBER: SQ4-FA-150U-050D-B2750-1D-UNV-W2A-W-6-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	606.2	548.0	489.8	548.0	606.2	620.8	967.4	1429.4	1660.4	2018.3	2734.2
115°	671.1	617.3	563.6	617.3	671.1	684.5	976.2	1365.3	1559.9	1904.7	2594.3
117.5°	734.1	685.3	636.5	685.3	734.1	746.3	994.5	1325.3	1490.7	1801.9	2424.2
120°	770.9	724.9	679.0	724.9	770.9	782.3	1009.2	1311.8	1463.0	1747.4	2316.0
122.5°	813.2	766.8	720.5	766.8	813.2	824.7	1030.4	1304.7	1441.8	1697.9	2209.9
125°	868.6	826.3	784.1	826.3	868.6	879.1	1059.0	1298.9	1418.8	1636.3	2071.2
127.5°	921.0	878.3	835.7	878.3	921.0	931.7	1087.6	1295.4	1399.3	1586.1	1959.6
130°	955.3	909.4	863.4	909.4	955.3	966.8	1108.6	1297.6	1392.0	1558.3	1890.8
132.5°	983.9	938.0	892.0	938.0	983.9	995.4	1125.4	1298.9	1385.5	1534.3	1832.0
135°	1018.1	976.2	934.4	976.2	1018.1	1028.6	1143.9	1297.6	1374.5	1499.1	1748.4
137.5°	1060.6	1019.2	977.8	1019.2	1060.6	1071.0	1171.6	1305.6	1372.6	1478.0	1688.7
140°	1090.0	1052.0	1013.8	1052.0	1090.0	1099.6	1188.4	1306.9	1366.2	1457.2	1639.2
142.5°	1112.0	1076.7	1041.4	1076.7	1112.0	1120.8	1202.6	1311.7	1366.2	1446.2	1606.0
145°	1145.4	1114.7	1083.9	1114.7	1145.4	1153.1	1221.1	1311.7	1356.9	1422.3	1553.1
147.5°	1186.2	1156.3	1126.3	1156.3	1186.2	1193.7	1248.1	1320.6	1356.9	1408.4	1511.2
150°	1208.0	1181.0	1154.0	1181.0	1208.0	1214.9	1262.2	1325.4	1356.9	1400.4	1487.3
152.5°	1223.6	1203.1	1182.6	1203.1	1223.6	1228.8	1271.4	1328.4	1356.9	1394.0	1468.3
155°	1255.4	1240.2	1225.0	1240.2	1255.4	1259.1	1291.8	1335.2	1356.9	1386.4	1445.5
157.5°	1285.9	1271.2	1256.4	1271.2	1285.9	1289.6	1312.1	1341.9	1356.9	1379.9	1425.9
160°	1300.5	1289.1	1277.7	1289.1	1300.5	1303.4	1321.2	1345.0	1356.9	1376.7	1416.0
162.5°	1316.0	1307.4	1298.9	1307.4	1316.0	1318.2	1331.1	1348.4	1356.9	1373.5	1406.7
165°	1337.4	1329.7	1321.9	1329.7	1337.4	1339.4	1345.2	1353.0	1356.9	1368.9	1392.6
167.5°	1350.5	1346.8	1343.1	1346.8	1350.5	1351.4	1356.3	1362.9	1366.2	1374.0	1389.6
170°	1364.3	1360.6	1356.9	1360.6	1364.3	1365.2	1365.5	1366.0	1366.2	1374.0	1389.6
172.5°	1366.0	1365.1	1364.3	1365.1	1366.0	1366.2	1366.2	1366.2	1366.2	1372.3	1384.6
175°	1374.5	1374.5	1374.5	1374.5	1374.5	1374.5	1371.7	1368.1	1366.2	1370.0	1377.8
177.5°	1374.5	1374.5	1374.5	1374.5	1374.5	1374.5	1372.3	1369.5	1368.0	1371.0	1377.2
180°	1374.5	1374.5	1374.5	1374.5	1374.5	1374.5	1374.5	1374.5	1374.5	1374.5	1374.5

TEST NUMBER: P935888

CATALOG NUMBER: SQ4-FA-150U-050D-B2750-1D-UNV-W2A-W-6-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4	1048.4
2.5°	1011.7	1008.8	1012.7	1001.8	1012.7	1008.8	1011.7	1018.6	1012.7	1016.7	1020.7
5°	887.8	882.8	866.9	854.0	866.9	882.8	887.8	908.6	918.5	936.3	960.2
7.5°	793.5	789.6	785.5	777.7	785.5	789.6	793.5	799.4	809.4	825.3	843.1
10°	772.7	773.7	779.6	778.6	779.6	773.7	772.7	770.7	767.7	770.7	781.6
12.5°	826.3	835.1	867.9	865.9	867.9	835.1	826.3	786.5	759.8	754.8	756.9
15°	887.8	890.8	897.7	898.6	897.7	890.8	887.8	871.9	791.6	756.9	745.9
17.5°	893.7	894.7	899.6	899.6	899.6	894.7	893.7	886.7	860.0	813.4	751.8
20°	888.8	890.8	900.6	902.6	900.6	890.8	888.8	879.8	864.9	848.1	801.4
22.5°	886.7	890.8	898.6	897.7	898.6	890.8	886.7	872.9	860.0	848.1	829.2
25°	876.8	876.8	877.8	878.8	877.8	876.8	876.8	865.9	840.2	837.1	826.3
27.5°	856.0	858.0	863.9	862.9	863.9	858.0	856.0	852.0	824.3	821.3	813.4
30°	837.1	835.1	830.2	826.3	830.2	835.1	837.1	831.2	803.4	795.5	797.5
32.5°	805.5	800.4	795.5	792.5	795.5	800.4	805.5	803.4	782.6	771.7	773.7
35°	767.7	768.7	767.7	764.7	767.7	768.7	767.7	769.7	756.9	746.9	745.9
37.5°	741.0	743.0	742.0	737.9	742.0	743.0	741.0	739.0	721.1	718.1	720.1
40°	713.2	714.2	713.2	710.2	713.2	714.2	713.2	709.2	684.4	685.4	692.4
42.5°	686.4	685.4	682.4	680.4	682.4	685.4	686.4	680.4	648.7	645.7	658.6
45°	655.7	656.7	650.7	647.7	650.7	656.7	655.7	651.6	618.9	611.0	619.9
47.5°	624.9	624.9	619.9	616.9	619.9	624.9	624.9	619.9	585.2	577.3	582.2
50°	592.2	591.2	584.2	583.2	584.2	591.2	592.2	589.2	552.5	545.6	545.6
52.5°	554.4	554.4	555.4	557.5	555.4	554.4	554.4	555.4	522.8	515.8	513.8
55°	521.7	522.8	529.7	531.7	529.7	522.8	521.7	521.7	492.0	485.0	481.1
57.5°	488.0	488.0	493.0	493.0	493.0	488.0	488.0	486.0	457.3	451.3	449.3
60°	449.3	451.3	455.2	454.3	455.2	451.3	449.3	447.3	422.5	418.6	411.7
62.5°	408.7	410.7	411.7	409.7	411.7	410.7	408.7	402.7	387.8	384.8	376.0
65°	366.0	368.0	369.0	367.0	369.0	368.0	366.0	363.0	352.1	347.2	339.2
67.5°	322.3	321.3	320.4	324.4	320.4	321.3	322.3	318.4	311.5	307.5	296.6
70°	277.8	277.8	276.8	278.7	276.8	277.8	277.8	274.8	270.8	267.8	257.9
72.5°	230.1	229.1	233.1	230.1	233.1	229.1	230.1	229.1	227.2	224.2	214.3
75°	183.5	185.5	183.5	186.5	183.5	185.5	183.5	184.5	183.5	181.5	174.6
77.5°	139.8	141.9	139.8	139.8	139.8	141.9	139.8	140.8	140.8	140.8	134.9
80°	99.2	98.2	98.2	97.2	98.2	98.2	99.2	99.2	100.2	98.2	96.2
82.5°	63.5	62.5	62.5	64.5	62.5	62.5	63.5	64.5	62.5	62.5	62.5
85°	34.7	35.7	33.7	33.7	33.7	35.7	34.7	32.7	34.7	34.7	33.7
87.5°	12.9	11.9	11.9	11.9	11.9	11.9	12.9	13.9	13.9	13.9	14.9
90°	35.1	35.1	35.1	35.1	35.1	35.1	35.1	46.7	62.3	70.1	60.2
92.5°	175.3	168.3	140.4	112.5	140.4	168.3	175.3	248.5	346.0	394.8	346.7
95°	595.0	573.9	489.4	405.0	489.4	573.9	595.0	781.3	1029.8	1154.0	974.7
97.5°	1373.6	1333.4	1172.6	1011.9	1172.6	1333.4	1373.6	1491.3	1648.4	1726.9	1427.8
100°	1928.9	1881.1	1689.6	1498.1	1689.6	1881.1	1928.9	1920.3	1908.8	1903.1	1571.2
102.5°	2403.0	2362.0	2198.0	2034.0	2198.0	2362.0	2403.0	2252.9	2052.9	1952.9	1616.3
105°	2956.5	2934.4	2846.3	2758.1	2846.3	2934.4	2956.5	2620.1	2171.6	1947.4	1621.4
107.5°	3244.3	3249.7	3271.0	3292.3	3271.0	3249.7	3244.3	2775.1	2149.5	1836.6	1549.2
110°	3318.1	3341.1	3432.9	3524.8	3432.9	3341.1	3318.1	2793.5	2094.1	1744.3	1485.2

TEST NUMBER: P935888

CATALOG NUMBER: SQ4-FA-150U-050D-B2750-1D-UNV-W2A-W-6-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3271.1	3306.4	3447.4	3588.3	3447.4	3306.4	3271.1	2734.2	2018.3	1660.4	1429.4
115°	3111.4	3160.3	3355.9	3551.5	3355.9	3160.3	3111.4	2594.3	1904.7	1559.9	1365.3
117.5°	2891.0	2945.2	3162.1	3379.0	3162.1	2945.2	2891.0	2424.2	1801.9	1490.7	1325.3
120°	2742.5	2795.1	3005.9	3216.6	3005.9	2795.1	2742.5	2316.0	1747.4	1463.0	1311.8
122.5°	2594.0	2645.9	2853.8	3061.6	2853.8	2645.9	2594.0	2209.9	1697.9	1441.8	1304.7
125°	2397.5	2445.3	2636.8	2828.2	2636.8	2445.3	2397.5	2071.2	1636.3	1418.8	1298.9
127.5°	2239.7	2280.1	2441.6	2603.2	2441.6	2280.1	2239.7	1959.6	1586.1	1399.3	1295.4
130°	2140.1	2177.4	2326.7	2475.8	2326.7	2177.4	2140.1	1890.8	1558.3	1392.0	1297.6
132.5°	2055.2	2088.6	2222.2	2355.9	2222.2	2088.6	2055.2	1832.0	1534.3	1385.5	1298.9
135°	1935.3	1964.1	2079.4	2194.5	2079.4	1964.1	1935.3	1748.4	1499.1	1374.5	1297.6
137.5°	1846.8	1870.3	1964.7	2059.0	1964.7	1870.3	1846.8	1688.7	1478.0	1372.6	1305.6
140°	1775.8	1797.8	1885.9	1974.1	1885.9	1797.8	1775.8	1639.2	1457.2	1366.2	1306.9
142.5°	1725.9	1744.8	1820.7	1896.6	1820.7	1744.8	1725.9	1606.0	1446.2	1366.2	1311.7
145°	1651.3	1665.6	1722.9	1780.3	1722.9	1665.6	1651.3	1553.1	1422.3	1356.9	1311.7
147.5°	1588.4	1600.4	1647.9	1695.5	1647.9	1600.4	1588.4	1511.2	1408.4	1356.9	1320.6
150°	1552.5	1562.1	1600.7	1639.2	1600.7	1562.1	1552.5	1487.3	1400.4	1356.9	1325.4
152.5°	1523.9	1531.2	1560.2	1589.4	1560.2	1531.2	1523.9	1468.3	1394.0	1356.9	1328.4
155°	1489.7	1494.6	1513.8	1533.1	1513.8	1494.6	1489.7	1445.5	1386.4	1356.9	1335.2
157.5°	1460.3	1463.6	1477.2	1490.7	1477.2	1463.6	1460.3	1425.9	1379.9	1356.9	1341.9
160°	1445.5	1447.4	1455.2	1463.0	1455.2	1447.4	1445.5	1416.0	1376.7	1356.9	1345.0
162.5°	1431.7	1433.5	1440.8	1448.2	1440.8	1433.5	1431.7	1406.7	1373.5	1356.9	1348.4
165°	1410.5	1412.4	1420.1	1427.9	1420.1	1412.4	1410.5	1392.6	1368.9	1356.9	1353.0
167.5°	1401.2	1402.0	1405.3	1408.6	1405.3	1402.0	1401.2	1389.6	1374.0	1366.2	1362.9
170°	1401.2	1401.2	1401.2	1401.2	1401.2	1401.2	1401.2	1389.6	1374.0	1366.2	1366.0
172.5°	1393.8	1393.1	1390.3	1387.4	1390.3	1393.1	1393.8	1384.6	1372.3	1366.2	1366.2
175°	1383.7	1383.7	1383.7	1383.7	1383.7	1383.7	1383.7	1377.8	1370.0	1366.2	1368.1
177.5°	1381.9	1381.1	1377.7	1374.5	1377.7	1381.1	1381.9	1377.2	1371.0	1368.0	1369.5
180°	1374.5	1374.5	1374.5	1374.5	1374.5	1374.5	1374.5	1374.5	1374.5	1374.5	1374.5

TEST NUMBER: P935888

CATALOG NUMBER: SQ4-FA-150U-050D-B2750-1D-UNV-W2A-W-6-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1048.4	1048.4	1048.4	1048.4	1048.4
2.5°	1035.5	1040.5	1043.5	1047.4	1057.4
5°	995.9	1014.7	1020.7	1035.5	1053.3
7.5°	908.6	966.1	982.0	1017.7	1045.5
10°	824.3	881.8	909.6	993.9	1035.5
12.5°	781.6	815.3	834.2	952.2	1021.7
15°	754.8	778.6	792.5	896.7	1005.8
17.5°	734.0	750.8	760.8	842.1	983.9
20°	721.1	729.0	737.9	802.4	959.2
22.5°	712.2	707.3	714.2	774.7	925.5
25°	706.3	687.3	695.3	752.8	885.7
27.5°	711.2	669.5	672.6	733.0	844.1
30°	712.2	647.7	648.7	712.2	797.5
32.5°	705.3	624.9	625.9	686.4	744.9
35°	688.3	598.1	597.1	656.7	673.5
37.5°	665.6	569.3	569.3	623.9	595.1
40°	637.7	540.6	543.6	581.2	525.7
42.5°	604.0	509.9	513.8	524.7	474.2
45°	567.3	480.1	483.0	443.4	434.4
47.5°	526.7	449.3	450.3	368.0	421.5
50°	478.1	417.6	413.6	315.4	420.5
52.5°	435.4	382.9	370.9	285.6	381.9
55°	393.8	346.2	320.4	262.9	354.1
57.5°	357.1	298.6	273.8	236.0	348.2
60°	323.3	251.9	233.1	207.3	319.4
62.5°	295.6	217.2	213.3	187.4	289.6
65°	265.8	193.5	192.5	170.6	246.0
67.5°	237.0	177.6	176.6	154.7	187.4
70°	206.3	160.7	158.7	137.8	138.8
72.5°	174.6	141.9	139.8	123.9	115.1
75°	142.9	120.0	119.0	108.2	93.3
77.5°	112.1	95.2	97.2	87.3	68.4
80°	80.4	69.4	71.4	62.5	51.6
82.5°	53.5	45.7	47.6	39.6	34.7
85°	29.8	25.8	26.8	20.8	15.9
87.5°	13.9	11.9	11.9	7.9	4.9
90°	40.6	25.8	24.0	16.7	9.3
92.5°	250.3	178.1	162.4	99.6	36.9
95°	616.0	346.9	318.2	203.3	88.5
97.5°	829.6	381.0	355.7	254.4	153.1
100°	907.4	409.6	386.6	294.8	202.9
102.5°	943.1	438.2	416.8	331.1	245.4
105°	969.5	480.6	462.4	389.9	317.3
107.5°	974.4	543.3	526.4	458.8	391.1
110°	967.1	578.4	563.1	502.1	440.9

TEST NUMBER: P935888

CATALOG NUMBER: SQ4-FA-150U-050D-B2750-1D-UNV-W2A-W-6-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	967.4	620.8	606.2	548.0	489.8
115°	976.2	684.5	671.1	617.3	563.6
117.5°	994.5	746.3	734.1	685.3	636.5
120°	1009.2	782.3	770.9	724.9	679.0
122.5°	1030.4	824.7	813.2	766.8	720.5
125°	1059.0	879.1	868.6	826.3	784.1
127.5°	1087.6	931.7	921.0	878.3	835.7
130°	1108.6	966.8	955.3	909.4	863.4
132.5°	1125.4	995.4	983.9	938.0	892.0
135°	1143.9	1028.6	1018.1	976.2	934.4
137.5°	1171.6	1071.0	1060.6	1019.2	977.8
140°	1188.4	1099.6	1090.0	1052.0	1013.8
142.5°	1202.6	1120.8	1112.0	1076.7	1041.4
145°	1221.1	1153.1	1145.4	1114.7	1083.9
147.5°	1248.1	1193.7	1186.2	1156.3	1126.3
150°	1262.2	1214.9	1208.0	1181.0	1154.0
152.5°	1271.4	1228.8	1223.6	1203.1	1182.6
155°	1291.8	1259.1	1255.4	1240.2	1225.0
157.5°	1312.1	1289.6	1285.9	1271.2	1256.4
160°	1321.2	1303.4	1300.5	1289.1	1277.7
162.5°	1331.1	1318.2	1316.0	1307.4	1298.9
165°	1345.2	1339.4	1337.4	1329.7	1321.9
167.5°	1356.3	1351.4	1350.5	1346.8	1343.1
170°	1365.5	1365.2	1364.3	1360.6	1356.9
172.5°	1366.2	1366.2	1366.0	1365.1	1364.3
175°	1371.7	1374.5	1374.5	1374.5	1374.5
177.5°	1372.3	1374.5	1374.5	1374.5	1374.5
180°	1374.5	1374.5	1374.5	1374.5	1374.5

TEST NUMBER: P935888

CATALOG NUMBER: SQ4-FA-150U-050D-B2750-1D-UNV-W2A-W-6-3000K

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	8.09	8.75	9.25	9.90	11.50	10.91	11.58	12.07	12.72	14.33
	3H	8.55	9.14	9.71	10.30	11.92	12.24	12.84	13.41	13.99	15.61
	4H	8.73	9.30	9.90	10.45	12.07	12.68	13.24	13.85	14.39	16.02
	6H	8.84	9.36	10.02	10.51	12.15	12.95	13.47	14.13	14.62	16.26
	8H	8.84	9.33	10.02	10.50	12.13	13.02	13.51	14.20	14.68	16.31
	12H	8.80	9.27	9.99	10.43	12.08	13.05	13.52	14.23	14.68	16.33
4H	2H	9.09	9.66	10.28	10.81	12.44	11.30	11.86	12.48	13.01	14.64
	3H	10.10	10.57	11.29	11.75	13.39	12.78	13.25	13.97	14.43	16.07
	4H	10.37	10.80	11.56	11.97	13.63	13.30	13.74	14.49	14.90	16.56
	6H	10.48	10.86	11.68	12.04	13.69	13.65	14.02	14.84	15.21	16.86
	8H	10.49	10.83	11.67	12.01	13.67	13.76	14.10	14.94	15.28	16.94
	12H	10.44	10.76	11.65	11.95	13.61	13.80	14.12	15.01	15.30	16.97
8H	4H	10.81	11.15	12.00	12.33	14.00	13.41	13.76	14.60	14.94	16.60
	6H	11.06	11.35	12.27	12.57	14.23	13.84	14.12	15.05	15.34	17.00
	8H	11.10	11.35	12.31	12.55	14.23	13.99	14.23	15.20	15.43	17.11
	12H	11.08	11.29	12.29	12.49	14.20	14.07	14.29	15.29	15.49	17.20
12H	4H	10.80	11.12	12.01	12.31	13.97	13.37	13.68	14.57	14.87	16.54
	6H	11.12	11.37	12.33	12.57	14.25	13.83	14.08	15.05	15.28	16.96
	8H	11.18	11.40	12.39	12.59	14.30	13.98	14.20	15.20	15.40	17.11