

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: P935861

Luminaire Tested: SQ4-FA-150U-050D-93050-1D-UNV-STD-W-6-3000K

Issue Date: 12/17/2024

**Test Information**

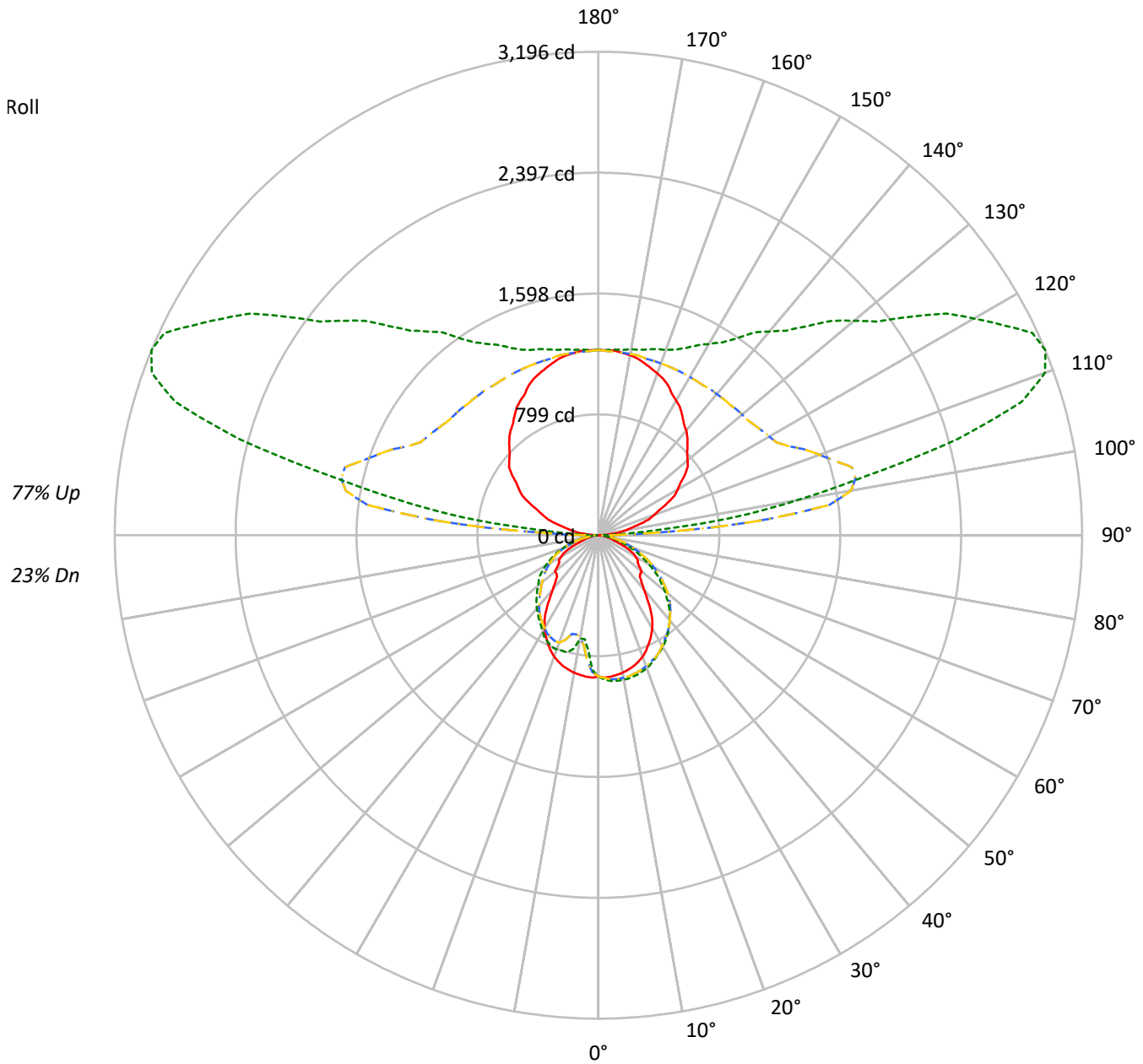
Test Method: LM-79-2019  
Report Number: P935861  
REPORT IS A COMBINATION OF REPORTS P933771 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-150U-050D-93050-1D-UNV-STD-W-6-3000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10363.1 lumens  
Efficiency: N/A  
Efficacy: 124.3 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

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CATALOG NUMBER: SQ4-FA-150U-050D-93050-1D-UNV-STD-W-6-3000K

### 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	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°	5777	5777	5777	5777
5°	5818	5831	5818	4585
10°	5777	5745	5777	4107
15°	5713	5621	5713	4693
20°	5591	5473	5591	4703
25°	5344	5258	5344	4603
30°	5026	5080	5026	4384
35°	4479	4853	4479	4144
40°	3730	4588	3730	3962
45°	3330	4276	3330	3754
50°	3535	3906	3535	3543
55°	3323	3506	3323	3422
60°	3421	2977	3421	3134
65°	3096	2461	3096	2751
70°	2139	1961	2139	2306
75°	1870	1450	1870	1736
80°	1494	958	1494	1044
85°	841	507	841	431

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 5107 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	84.3	0.8
10°-20°	239.4	2.3
20°-30°	370.0	3.6
30°-40°	441.7	4.3
40°-50°	444.3	4.3
50°-60°	386.6	3.7
60°-70°	274.1	2.6
70°-80°	145.0	1.4
80°-90°	40.8	0.4
90°-100°	596.8	5.8
100°-110°	1569.0	15.1
110°-120°	1626.9	15.7
120°-130°	1305.0	12.6
130°-140°	1024.0	9.9
140°-150°	785.9	7.6
150°-160°	566.0	5.5
160°-170°	346.3	3.3
170°-180°	117.0	1.1
0°-30°	693.7	6.7
0°-40°	1135.4	11.0
0°-60°	1966.2	19.0
0°-90°	2426.1	23.4
90°-120°	3792.8	36.6
90°-150°	6907.6	66.7
90°-180°	7937.0	76.6
0°-180°	10363.1	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	934	934	934	934	934	
5°	938	967	938	761	938	89
15°	896	959	896	800	896	252
25°	789	894	789	783	789	362
35°	600	798	600	681	600	371
45°	387	657	387	577	387	310
55°	315	485	315	474	315	290
65°	219	292	219	327	219	209
75°	83	139	83	166	83	87
85°	14	35	14	30	14	19
90°	8	31	8	31	8	7
95°	79	361	79	361	79	88
105°	283	2457	283	2457	283	300
115°	502	3164	502	3164	502	496
125°	698	2519	698	2519	698	620
135°	832	1955	832	1955	832	644
145°	966	1586	966	1586	966	605
155°	1091	1366	1091	1366	1091	501
165°	1178	1272	1178	1272	1178	332
175°	1224	1232	1224	1232	1224	116
180°	1224	1224	1224	1224	1224	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	933.9	933.9	933.9	933.9	933.9	933.9	933.9	933.9	933.9	933.9	933.9
2.5°	941.9	941.9	947.2	948.9	948.9	946.3	943.6	946.3	954.3	956.9	956.0
5°	938.3	945.4	955.2	956.9	958.7	957.8	956.0	957.8	966.6	968.4	969.3
7.5°	931.3	944.5	956.9	959.5	962.2	959.5	958.7	960.4	969.3	971.0	971.0
10°	922.4	941.0	955.2	956.9	959.5	956.9	956.9	960.4	969.3	971.0	971.9
12.5°	910.1	935.7	948.9	950.7	954.3	953.4	952.4	956.0	964.8	966.6	966.6
15°	896.0	926.0	938.3	940.1	946.3	944.5	944.5	948.0	957.8	960.4	959.5
17.5°	876.5	913.6	927.7	930.4	934.8	933.9	934.8	938.3	947.2	948.9	949.8
20°	854.4	896.8	913.6	916.2	920.6	920.6	920.6	925.1	933.9	937.4	937.4
22.5°	824.4	879.1	896.8	898.6	903.9	903.9	905.6	911.9	919.8	920.6	920.6
25°	789.0	859.7	874.7	880.1	885.3	888.0	890.6	894.2	896.8	896.0	896.8
27.5°	751.9	834.9	854.4	857.9	865.0	867.7	871.2	872.1	872.9	875.6	873.8
30°	710.4	800.5	829.6	833.2	844.7	846.4	842.9	844.7	849.1	850.9	852.7
32.5°	663.6	749.3	804.0	812.0	822.6	817.3	816.4	819.0	826.1	826.1	827.9
35°	600.0	709.5	780.2	787.2	795.2	789.0	792.6	793.5	797.8	800.5	799.6
37.5°	530.1	675.1	755.4	760.7	766.9	758.9	764.3	766.9	770.4	768.7	768.7
40°	468.3	621.1	726.3	729.8	735.1	728.9	734.3	736.0	737.8	736.0	735.1
42.5°	422.4	561.9	695.4	699.7	696.2	700.6	702.5	706.0	703.3	699.7	699.7
45°	387.0	546.0	661.8	667.1	661.8	668.8	671.5	671.5	663.6	661.8	660.9
47.5°	375.5	514.2	628.2	628.2	625.5	634.4	638.8	632.6	624.6	622.0	622.0
50°	374.6	478.8	582.2	578.7	591.1	601.7	597.2	591.1	584.9	575.2	575.2
52.5°	340.2	435.5	523.0	536.3	555.8	561.9	554.9	548.7	538.0	533.7	530.1
55°	315.4	390.5	469.2	495.7	516.0	523.9	510.7	504.5	488.6	486.0	484.2
57.5°	310.1	325.1	419.7	453.3	478.0	477.1	469.2	457.7	444.4	441.8	440.9
60°	284.5	235.0	366.7	406.5	432.0	429.4	422.4	411.7	399.4	397.6	395.9
62.5°	258.0	170.6	306.6	351.7	387.9	387.0	380.8	364.9	356.1	351.7	348.2
65°	219.1	143.2	218.3	292.5	344.6	346.3	333.1	321.6	311.9	306.6	305.7
67.5°	167.0	116.6	147.6	243.9	303.1	301.3	284.5	279.2	266.8	264.2	258.9
70°	123.7	77.7	102.5	197.9	262.4	258.0	244.8	238.5	227.0	220.9	217.4
72.5°	102.5	62.7	75.1	153.7	220.9	215.6	204.1	197.0	187.3	182.0	178.5
75°	83.1	66.2	57.4	114.0	179.3	175.8	165.2	158.2	150.2	143.2	144.0
77.5°	61.0	61.8	45.9	84.0	142.3	136.9	130.8	121.9	118.4	111.4	111.4
80°	45.9	48.6	34.4	57.4	102.5	102.5	97.2	91.0	84.8	81.3	81.3
82.5°	30.9	30.9	25.6	36.2	69.8	67.2	63.6	61.8	58.3	56.6	56.6
85°	14.1	17.7	15.9	22.0	38.0	39.8	39.8	38.0	37.2	35.3	36.2
87.5°	4.4	8.0	9.7	12.4	19.4	20.3	21.2	21.2	21.2	22.0	22.0
90°	8.3	14.8	21.3	23.0	36.2	53.7	62.4	55.5	41.6	31.3	31.3
92.5°	32.8	88.7	144.7	158.6	223.0	308.8	351.7	308.2	221.3	156.2	149.9
95°	78.9	181.1	283.4	309.0	548.7	868.2	1028.0	917.3	696.0	530.0	511.2
97.5°	136.4	226.6	316.8	339.4	739.0	1271.9	1538.3	1468.3	1328.4	1223.6	1187.7
100°	180.8	262.6	344.4	364.8	808.3	1399.6	1695.2	1700.3	1710.6	1718.2	1675.6
102.5°	218.6	294.9	371.3	390.3	840.1	1439.7	1739.6	1828.6	2006.8	2140.5	2104.0
105°	282.6	347.3	411.9	428.1	863.6	1444.3	1734.6	1934.4	2333.9	2633.6	2613.9
107.5°	348.4	408.7	468.9	483.9	867.9	1380.0	1636.0	1914.7	2472.0	2890.0	2894.7
110°	392.8	447.2	501.6	515.2	861.4	1323.0	1553.8	1865.3	2488.4	2955.7	2976.1



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	436.3	488.2	540.0	553.0	861.7	1273.3	1479.1	1797.9	2435.5	2913.8	2945.2
115°	502.0	549.9	597.8	609.7	869.6	1216.2	1389.5	1696.6	2310.9	2771.6	2815.1
117.5°	566.9	610.4	653.9	664.8	885.9	1180.5	1327.9	1605.1	2159.4	2575.2	2623.5
120°	604.8	645.7	686.7	696.8	898.9	1168.5	1303.2	1556.5	2063.0	2442.9	2489.8
122.5°	641.8	683.1	724.3	734.6	917.8	1162.2	1284.3	1512.4	1968.5	2310.6	2356.9
125°	698.4	736.0	773.7	783.1	943.3	1157.0	1263.8	1457.5	1845.0	2135.6	2178.2
127.5°	744.4	782.4	820.4	829.9	968.8	1153.9	1246.5	1412.8	1745.5	1995.1	2031.1
130°	769.1	810.1	851.0	861.2	987.5	1155.8	1240.0	1388.1	1684.2	1906.4	1939.6
132.5°	794.6	835.5	876.5	886.6	1002.5	1157.0	1234.2	1366.7	1631.9	1830.7	1860.5
135°	832.4	869.6	906.9	916.2	1018.9	1155.8	1224.4	1335.4	1557.4	1723.9	1749.6
137.5°	871.0	907.9	944.8	954.0	1043.6	1163.0	1222.7	1316.6	1504.3	1645.1	1666.0
140°	903.1	937.1	971.0	979.5	1058.6	1164.2	1217.0	1298.0	1460.2	1581.8	1601.4
142.5°	927.7	959.1	990.5	998.4	1071.3	1168.4	1217.0	1288.2	1430.6	1537.4	1554.2
145°	965.5	992.9	1020.3	1027.2	1087.7	1168.4	1208.7	1266.9	1383.5	1470.9	1483.6
147.5°	1003.3	1030.0	1056.6	1063.3	1111.8	1176.4	1208.7	1254.6	1346.2	1414.9	1425.6
150°	1028.0	1052.0	1076.1	1082.2	1124.3	1180.6	1208.7	1247.5	1324.8	1382.9	1391.5
152.5°	1053.4	1071.7	1090.0	1094.5	1132.6	1183.3	1208.7	1241.7	1307.9	1357.4	1363.9
155°	1091.2	1104.7	1118.3	1121.6	1150.7	1189.4	1208.7	1235.0	1287.6	1327.0	1331.3
157.5°	1119.1	1132.3	1145.5	1148.7	1168.8	1195.4	1208.7	1229.2	1270.1	1300.8	1303.8
160°	1138.1	1148.3	1158.5	1161.0	1176.9	1198.1	1208.7	1226.3	1261.3	1287.6	1289.3
162.5°	1157.0	1164.6	1172.3	1174.2	1185.7	1201.1	1208.7	1223.5	1253.1	1275.3	1277.0
165°	1177.5	1184.5	1191.3	1193.1	1198.3	1205.2	1208.7	1219.3	1240.5	1256.4	1258.2
167.5°	1196.4	1199.7	1203.0	1203.8	1208.2	1214.1	1217.0	1223.9	1237.8	1248.2	1248.9
170°	1208.7	1212.0	1215.3	1216.1	1216.4	1216.8	1217.0	1223.9	1237.8	1248.2	1248.2
172.5°	1215.3	1216.0	1216.8	1217.0	1217.0	1217.0	1217.0	1222.4	1233.4	1241.6	1241.0
175°	1224.4	1224.4	1224.4	1224.4	1221.9	1218.6	1217.0	1220.4	1227.3	1232.5	1232.5
177.5°	1224.4	1224.4	1224.4	1224.4	1222.4	1219.9	1218.6	1221.3	1226.8	1230.9	1230.2
180°	1224.4	1224.4	1224.4	1224.4	1224.4	1224.4	1224.4	1224.4	1224.4	1224.4	1224.4



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	933.9	933.9	933.9	933.9	933.9	933.9	933.9	933.9	933.9	933.9	933.9
2.5°	957.8	955.2	957.8	956.0	956.9	954.3	946.3	943.6	946.3	948.9	948.9
5°	969.3	967.4	969.3	969.3	968.4	966.6	957.8	956.0	957.8	958.7	956.9
7.5°	972.8	970.2	972.8	971.0	971.0	969.3	960.4	958.7	959.5	962.2	959.5
10°	972.8	970.2	972.8	971.9	971.0	969.3	960.4	956.9	956.9	959.5	956.9
12.5°	968.4	966.6	968.4	966.6	966.6	964.8	956.0	952.4	953.4	954.3	950.7
15°	961.3	958.7	961.3	959.5	960.4	957.8	948.0	944.5	944.5	946.3	940.1
17.5°	950.7	947.2	950.7	949.8	948.9	947.2	938.3	934.8	933.9	934.8	930.4
20°	938.3	935.7	938.3	937.4	937.4	933.9	925.1	920.6	920.6	920.6	916.2
22.5°	918.9	916.2	918.9	920.6	920.6	919.8	911.9	905.6	903.9	903.9	898.6
25°	896.8	894.2	896.8	896.8	896.0	896.8	894.2	890.6	888.0	885.3	880.1
27.5°	875.6	873.8	875.6	873.8	875.6	872.9	872.1	871.2	867.7	865.0	857.9
30°	854.4	852.7	854.4	852.7	850.9	849.1	844.7	842.9	846.4	844.7	833.2
32.5°	827.9	826.1	827.9	827.9	826.1	826.1	819.0	816.4	817.3	822.6	812.0
35°	800.5	797.8	800.5	799.6	800.5	797.8	793.5	792.6	789.0	795.2	787.2
37.5°	768.7	766.1	768.7	768.7	768.7	770.4	766.9	764.3	758.9	766.9	760.7
40°	736.0	732.5	736.0	735.1	736.0	737.8	736.0	734.3	728.9	735.1	729.8
42.5°	698.9	698.0	698.9	699.7	699.7	703.3	706.0	702.5	700.6	696.2	699.7
45°	659.2	657.3	659.2	660.9	661.8	663.6	671.5	671.5	668.8	661.8	667.1
47.5°	616.7	612.3	616.7	622.0	622.0	624.6	632.6	638.8	634.4	625.5	628.2
50°	571.7	572.6	571.7	575.2	575.2	584.9	591.1	597.2	601.7	591.1	578.7
52.5°	527.5	526.6	527.5	530.1	533.7	538.0	548.7	554.9	561.9	555.8	536.3
55°	483.3	485.1	483.3	484.2	486.0	488.6	504.5	510.7	523.9	516.0	495.7
57.5°	439.2	436.5	439.2	440.9	441.8	444.4	457.7	469.2	477.1	478.0	453.3
60°	387.9	384.3	387.9	395.9	397.6	399.4	411.7	422.4	429.4	432.0	406.5
62.5°	342.8	336.7	342.8	348.2	351.7	356.1	364.9	380.8	387.0	387.9	351.7
65°	295.1	292.5	295.1	305.7	306.6	311.9	321.6	333.1	346.3	344.6	292.5
67.5°	251.8	251.8	251.8	258.9	264.2	266.8	279.2	284.5	301.3	303.1	243.9
70°	212.0	211.1	212.0	217.4	220.9	227.0	238.5	244.8	258.0	262.4	197.9
72.5°	174.1	173.2	174.1	178.5	182.0	187.3	197.0	204.1	215.6	220.9	153.7
75°	140.5	138.7	140.5	144.0	143.2	150.2	158.2	165.2	175.8	179.3	114.0
77.5°	107.8	107.8	107.8	111.4	111.4	118.4	121.9	130.8	136.9	142.3	84.0
80°	80.4	79.5	80.4	81.3	81.3	84.8	91.0	97.2	102.5	102.5	57.4
82.5°	56.6	54.8	56.6	56.6	56.6	58.3	61.8	63.6	67.2	69.8	36.2
85°	35.3	35.3	35.3	36.2	35.3	37.2	38.0	39.8	39.8	38.0	22.0
87.5°	23.0	22.0	23.0	22.0	22.0	21.2	21.2	21.2	20.3	19.4	12.4
90°	31.3	31.3	31.3	31.3	31.3	41.6	55.5	62.4	53.7	36.2	23.0
92.5°	125.1	100.2	125.1	149.9	156.2	221.3	308.2	351.7	308.8	223.0	158.6
95°	435.9	360.7	435.9	511.2	530.0	696.0	917.3	1028.0	868.2	548.7	309.0
97.5°	1044.6	901.4	1044.6	1187.7	1223.6	1328.4	1468.3	1538.3	1271.9	739.0	339.4
100°	1505.1	1334.5	1505.1	1675.6	1718.2	1710.6	1700.3	1695.2	1399.6	808.3	364.8
102.5°	1957.9	1811.8	1957.9	2104.0	2140.5	2006.8	1828.6	1739.6	1439.7	840.1	390.3
105°	2535.4	2456.9	2535.4	2613.9	2633.6	2333.9	1934.4	1734.6	1444.3	863.6	428.1
107.5°	2913.7	2932.6	2913.7	2894.7	2890.0	2472.0	1914.7	1636.0	1380.0	867.9	483.9
110°	3057.9	3139.8	3057.9	2976.1	2955.7	2488.4	1865.3	1553.8	1323.0	861.4	515.2





TEST NUMBER: P935861

CATALOG NUMBER: SQ4-FA-150U-050D-93050-1D-UNV-STD-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3070.8	3196.4	3070.8	2945.2	2913.8	2435.5	1797.9	1479.1	1273.3	861.7	553.0
115°	2989.3	3163.6	2989.3	2815.1	2771.6	2310.9	1696.6	1389.5	1216.2	869.6	609.7
117.5°	2816.7	3009.9	2816.7	2623.5	2575.2	2159.4	1605.1	1327.9	1180.5	885.9	664.8
120°	2677.6	2865.3	2677.6	2489.8	2442.9	2063.0	1556.5	1303.2	1168.5	898.9	696.8
122.5°	2542.1	2727.2	2542.1	2356.9	2310.6	1968.5	1512.4	1284.3	1162.2	917.8	734.6
125°	2348.8	2519.3	2348.8	2178.2	2135.6	1845.0	1457.5	1263.8	1157.0	943.3	783.1
127.5°	2174.9	2318.9	2174.9	2031.1	1995.1	1745.5	1412.8	1246.5	1153.9	968.8	829.9
130°	2072.5	2205.4	2072.5	1939.6	1906.4	1684.2	1388.1	1240.0	1155.8	987.5	861.2
132.5°	1979.5	2098.6	1979.5	1860.5	1830.7	1631.9	1366.7	1234.2	1157.0	1002.5	886.6
135°	1852.2	1954.8	1852.2	1749.6	1723.9	1557.4	1335.4	1224.4	1155.8	1018.9	916.2
137.5°	1750.1	1834.1	1750.1	1666.0	1645.1	1504.3	1316.6	1222.7	1163.0	1043.6	954.0
140°	1679.9	1758.4	1679.9	1601.4	1581.8	1460.2	1298.0	1217.0	1164.2	1058.6	979.5
142.5°	1621.9	1689.4	1621.9	1554.2	1537.4	1430.6	1288.2	1217.0	1168.4	1071.3	998.4
145°	1534.7	1585.9	1534.7	1483.6	1470.9	1383.5	1266.9	1208.7	1168.4	1087.7	1027.2
147.5°	1467.9	1510.3	1467.9	1425.6	1414.9	1346.2	1254.6	1208.7	1176.4	1111.8	1063.3
150°	1425.8	1460.2	1425.8	1391.5	1382.9	1324.8	1247.5	1208.7	1180.6	1124.3	1082.2
152.5°	1389.8	1415.8	1389.8	1363.9	1357.4	1307.9	1241.7	1208.7	1183.3	1132.6	1094.5
155°	1348.5	1365.7	1348.5	1331.3	1327.0	1287.6	1235.0	1208.7	1189.4	1150.7	1121.6
157.5°	1315.9	1327.9	1315.9	1303.8	1300.8	1270.1	1229.2	1208.7	1195.4	1168.8	1148.7
160°	1296.3	1303.2	1296.3	1289.3	1287.6	1261.3	1226.3	1208.7	1198.1	1176.9	1161.0
162.5°	1283.5	1290.0	1283.5	1277.0	1275.3	1253.1	1223.5	1208.7	1201.1	1185.7	1174.2
165°	1265.0	1272.0	1265.0	1258.2	1256.4	1240.5	1219.3	1208.7	1205.2	1198.3	1193.1
167.5°	1251.8	1254.7	1251.8	1248.9	1248.2	1237.8	1223.9	1217.0	1214.1	1208.2	1203.8
170°	1248.2	1248.2	1248.2	1248.2	1248.2	1237.8	1223.9	1217.0	1216.8	1216.4	1216.1
172.5°	1238.4	1235.9	1238.4	1241.0	1241.6	1233.4	1222.4	1217.0	1217.0	1217.0	1217.0
175°	1232.5	1232.5	1232.5	1232.5	1232.5	1227.3	1220.4	1217.0	1218.6	1221.9	1224.4
177.5°	1227.2	1224.4	1227.2	1230.2	1230.9	1226.8	1221.3	1218.6	1219.9	1222.4	1224.4
180°	1224.4	1224.4	1224.4	1224.4	1224.4	1224.4	1224.4	1224.4	1224.4	1224.4	1224.4



TEST NUMBER: P935861

CATALOG NUMBER: SQ4-FA-150U-050D-93050-1D-UNV-STD-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	933.9	933.9	933.9	933.9	933.9	933.9	933.9	933.9	933.9	933.9	933.9
2.5°	947.2	941.9	941.9	933.0	929.5	926.9	922.4	909.2	905.6	902.1	907.4
5°	955.2	945.4	938.3	922.4	909.2	903.9	887.1	855.3	834.0	818.1	809.4
7.5°	956.9	944.5	931.3	906.5	874.7	860.6	809.4	751.0	735.1	721.0	712.1
10°	955.2	941.0	922.4	885.3	810.2	785.5	734.3	696.2	686.5	683.8	686.5
12.5°	948.9	935.7	910.1	848.2	743.0	726.3	696.2	674.2	672.3	676.8	700.6
15°	938.3	926.0	896.0	798.7	706.0	693.6	672.3	664.4	674.2	705.1	776.7
17.5°	927.7	913.6	876.5	750.2	677.7	668.8	653.8	669.7	724.5	766.1	789.9
20°	913.6	896.8	854.4	714.8	657.3	649.4	642.3	713.9	755.4	770.4	783.7
22.5°	896.8	879.1	824.4	690.1	636.2	630.0	634.4	738.7	755.4	766.1	777.6
25°	874.7	859.7	789.0	670.6	619.4	612.3	629.1	736.0	745.7	748.4	771.3
27.5°	854.4	834.9	751.9	652.9	599.1	596.4	633.5	724.5	731.6	734.3	758.9
30°	829.6	800.5	710.4	634.4	577.8	577.0	634.4	710.4	708.6	715.6	740.4
32.5°	804.0	749.3	663.6	611.4	557.5	556.7	628.2	689.2	687.4	697.1	715.6
35°	780.2	709.5	600.0	584.9	531.9	532.8	613.1	664.4	665.3	674.2	685.6
37.5°	755.4	675.1	530.1	555.8	507.1	507.1	592.9	641.4	639.7	642.3	658.3
40°	726.3	621.1	468.3	517.8	484.2	481.6	568.1	616.7	610.5	609.6	631.8
42.5°	695.4	561.9	422.4	467.4	457.7	454.2	538.0	586.7	575.2	577.8	606.1
45°	661.8	546.0	387.0	395.0	430.3	427.6	505.4	552.2	544.3	551.3	580.5
47.5°	628.2	514.2	375.5	327.8	401.1	400.2	469.2	518.6	514.2	521.3	552.2
50°	582.2	478.8	374.6	281.0	368.4	372.0	425.9	486.0	486.0	492.1	524.9
52.5°	523.0	435.5	340.2	254.4	330.4	341.0	387.9	457.7	459.4	465.7	494.7
55°	469.2	390.5	315.4	234.2	285.4	308.4	350.8	428.5	432.0	438.3	464.7
57.5°	419.7	325.1	310.1	210.3	243.9	265.9	318.1	400.2	402.0	407.4	432.9
60°	366.7	235.0	284.5	184.6	207.6	224.4	288.0	366.7	372.8	376.4	398.5
62.5°	306.6	170.6	258.0	167.0	190.0	193.5	263.3	334.9	342.8	345.4	358.7
65°	218.3	143.2	219.1	151.9	171.4	172.3	236.8	302.1	309.2	313.6	323.4
67.5°	147.6	116.6	167.0	137.8	157.3	158.2	211.1	264.2	273.9	277.5	283.6
70°	102.5	77.7	123.7	122.8	141.4	143.2	183.7	229.8	238.5	241.2	244.8
72.5°	75.1	62.7	102.5	110.4	124.5	126.4	155.5	190.9	199.7	202.4	204.1
75°	57.4	66.2	83.1	96.3	106.0	106.9	127.3	155.5	161.7	163.5	164.3
77.5°	45.9	61.8	61.0	77.7	86.6	84.8	99.9	120.2	125.4	125.4	125.4
80°	34.4	48.6	45.9	55.7	63.6	61.8	71.6	85.7	87.5	89.2	88.4
82.5°	25.6	30.9	30.9	35.3	42.4	40.7	47.7	55.7	55.7	55.7	57.4
85°	15.9	17.7	14.1	18.5	23.9	23.0	26.5	30.0	30.9	30.9	29.2
87.5°	9.7	8.0	4.4	7.0	10.6	10.6	12.4	13.3	12.4	12.4	12.4
90°	21.3	14.8	8.3	14.8	21.3	23.0	36.2	53.7	62.4	55.5	41.6
92.5°	144.7	88.7	32.8	88.7	144.7	158.6	223.0	308.8	351.7	308.2	221.3
95°	283.4	181.1	78.9	181.1	283.4	309.0	548.7	868.2	1028.0	917.3	696.0
97.5°	316.8	226.6	136.4	226.6	316.8	339.4	739.0	1271.9	1538.3	1468.3	1328.4
100°	344.4	262.6	180.8	262.6	344.4	364.8	808.3	1399.6	1695.2	1700.3	1710.6
102.5°	371.3	294.9	218.6	294.9	371.3	390.3	840.1	1439.7	1739.6	1828.6	2006.8
105°	411.9	347.3	282.6	347.3	411.9	428.1	863.6	1444.3	1734.6	1934.4	2333.9
107.5°	468.9	408.7	348.4	408.7	468.9	483.9	867.9	1380.0	1636.0	1914.7	2472.0
110°	501.6	447.2	392.8	447.2	501.6	515.2	861.4	1323.0	1553.8	1865.3	2488.4



TEST NUMBER: P935861

CATALOG NUMBER: SQ4-FA-150U-050D-93050-1D-UNV-STD-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	540.0	488.2	436.3	488.2	540.0	553.0	861.7	1273.3	1479.1	1797.9	2435.5
115°	597.8	549.9	502.0	549.9	597.8	609.7	869.6	1216.2	1389.5	1696.6	2310.9
117.5°	653.9	610.4	566.9	610.4	653.9	664.8	885.9	1180.5	1327.9	1605.1	2159.4
120°	686.7	645.7	604.8	645.7	686.7	696.8	898.9	1168.5	1303.2	1556.5	2063.0
122.5°	724.3	683.1	641.8	683.1	724.3	734.6	917.8	1162.2	1284.3	1512.4	1968.5
125°	773.7	736.0	698.4	736.0	773.7	783.1	943.3	1157.0	1263.8	1457.5	1845.0
127.5°	820.4	782.4	744.4	782.4	820.4	829.9	968.8	1153.9	1246.5	1412.8	1745.5
130°	851.0	810.1	769.1	810.1	851.0	861.2	987.5	1155.8	1240.0	1388.1	1684.2
132.5°	876.5	835.5	794.6	835.5	876.5	886.6	1002.5	1157.0	1234.2	1366.7	1631.9
135°	906.9	869.6	832.4	869.6	906.9	916.2	1018.9	1155.8	1224.4	1335.4	1557.4
137.5°	944.8	907.9	871.0	907.9	944.8	954.0	1043.6	1163.0	1222.7	1316.6	1504.3
140°	971.0	937.1	903.1	937.1	971.0	979.5	1058.6	1164.2	1217.0	1298.0	1460.2
142.5°	990.5	959.1	927.7	959.1	990.5	998.4	1071.3	1168.4	1217.0	1288.2	1430.6
145°	1020.3	992.9	965.5	992.9	1020.3	1027.2	1087.7	1168.4	1208.7	1266.9	1383.5
147.5°	1056.6	1030.0	1003.3	1030.0	1056.6	1063.3	1111.8	1176.4	1208.7	1254.6	1346.2
150°	1076.1	1052.0	1028.0	1052.0	1076.1	1082.2	1124.3	1180.6	1208.7	1247.5	1324.8
152.5°	1090.0	1071.7	1053.4	1071.7	1090.0	1094.5	1132.6	1183.3	1208.7	1241.7	1307.9
155°	1118.3	1104.7	1091.2	1104.7	1118.3	1121.6	1150.7	1189.4	1208.7	1235.0	1287.6
157.5°	1145.5	1132.3	1119.1	1132.3	1145.5	1148.7	1168.8	1195.4	1208.7	1229.2	1270.1
160°	1158.5	1148.3	1138.1	1148.3	1158.5	1161.0	1176.9	1198.1	1208.7	1226.3	1261.3
162.5°	1172.3	1164.6	1157.0	1164.6	1172.3	1174.2	1185.7	1201.1	1208.7	1223.5	1253.1
165°	1191.3	1184.5	1177.5	1184.5	1191.3	1193.1	1198.3	1205.2	1208.7	1219.3	1240.5
167.5°	1203.0	1199.7	1196.4	1199.7	1203.0	1203.8	1208.2	1214.1	1217.0	1223.9	1237.8
170°	1215.3	1212.0	1208.7	1212.0	1215.3	1216.1	1216.4	1216.8	1217.0	1223.9	1237.8
172.5°	1216.8	1216.0	1215.3	1216.0	1216.8	1217.0	1217.0	1217.0	1217.0	1222.4	1233.4
175°	1224.4	1224.4	1224.4	1224.4	1224.4	1224.4	1221.9	1218.6	1217.0	1220.4	1227.3
177.5°	1224.4	1224.4	1224.4	1224.4	1224.4	1224.4	1222.4	1219.9	1218.6	1221.3	1226.8
180°	1224.4	1224.4	1224.4	1224.4	1224.4	1224.4	1224.4	1224.4	1224.4	1224.4	1224.4



TEST NUMBER: P935861

CATALOG NUMBER: SQ4-FA-150U-050D-93050-1D-UNV-STD-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	933.9	933.9	933.9	933.9	933.9	933.9	933.9	933.9	933.9	933.9	933.9
2.5°	901.2	898.6	902.1	892.4	902.1	898.6	901.2	907.4	902.1	905.6	909.2
5°	790.8	786.3	772.2	760.7	772.2	786.3	790.8	809.4	818.1	834.0	855.3
7.5°	706.9	703.3	699.7	692.7	699.7	703.3	706.9	712.1	721.0	735.1	751.0
10°	688.3	689.2	694.5	693.6	694.5	689.2	688.3	686.5	683.8	686.5	696.2
12.5°	736.0	743.9	773.1	771.3	773.1	743.9	736.0	700.6	676.8	672.3	674.2
15°	790.8	793.5	799.6	800.5	799.6	793.5	790.8	776.7	705.1	674.2	664.4
17.5°	796.1	797.0	801.4	801.4	801.4	797.0	796.1	789.9	766.1	724.5	669.7
20°	791.7	793.5	802.2	804.0	802.2	793.5	791.7	783.7	770.4	755.4	713.9
22.5°	789.9	793.5	800.5	799.6	800.5	793.5	789.9	777.6	766.1	755.4	738.7
25°	781.1	781.1	782.0	782.8	782.0	781.1	781.1	771.3	748.4	745.7	736.0
27.5°	762.5	764.3	769.6	768.7	769.6	764.3	762.5	758.9	734.3	731.6	724.5
30°	745.7	743.9	739.5	736.0	739.5	743.9	745.7	740.4	715.6	708.6	710.4
32.5°	717.5	713.0	708.6	706.0	708.6	713.0	717.5	715.6	697.1	687.4	689.2
35°	683.8	684.7	683.8	681.2	683.8	684.7	683.8	685.6	674.2	665.3	664.4
37.5°	660.0	661.8	660.9	657.3	660.9	661.8	660.0	658.3	642.3	639.7	641.4
40°	635.3	636.2	635.3	632.6	635.3	636.2	635.3	631.8	609.6	610.5	616.7
42.5°	611.4	610.5	607.9	606.1	607.9	610.5	611.4	606.1	577.8	575.2	586.7
45°	584.1	584.9	579.6	577.0	579.6	584.9	584.1	580.5	551.3	544.3	552.2
47.5°	556.7	556.7	552.2	549.6	552.2	556.7	556.7	552.2	521.3	514.2	518.6
50°	527.5	526.6	520.4	519.5	520.4	526.6	527.5	524.9	492.1	486.0	486.0
52.5°	493.9	493.9	494.7	496.6	494.7	493.9	493.9	494.7	465.7	459.4	457.7
55°	464.7	465.7	471.8	473.6	471.8	465.7	464.7	464.7	438.3	432.0	428.5
57.5°	434.7	434.7	439.2	439.2	439.2	434.7	434.7	432.9	407.4	402.0	400.2
60°	400.2	402.0	405.5	404.6	405.5	402.0	400.2	398.5	376.4	372.8	366.7
62.5°	364.1	365.8	366.7	364.9	366.7	365.8	364.1	358.7	345.4	342.8	334.9
65°	326.0	327.8	328.7	326.9	328.7	327.8	326.0	323.4	313.6	309.2	302.1
67.5°	287.1	286.2	285.4	289.0	285.4	286.2	287.1	283.6	277.5	273.9	264.2
70°	247.4	247.4	246.5	248.3	246.5	247.4	247.4	244.8	241.2	238.5	229.8
72.5°	205.0	204.1	207.6	205.0	207.6	204.1	205.0	204.1	202.4	199.7	190.9
75°	163.5	165.2	163.5	166.1	163.5	165.2	163.5	164.3	163.5	161.7	155.5
77.5°	124.5	126.4	124.5	124.5	124.5	126.4	124.5	125.4	125.4	125.4	120.2
80°	88.4	87.5	87.5	86.6	87.5	87.5	88.4	88.4	89.2	87.5	85.7
82.5°	56.6	55.7	55.7	57.4	55.7	55.7	56.6	57.4	55.7	55.7	55.7
85°	30.9	31.8	30.0	30.0	30.0	31.8	30.9	29.2	30.9	30.9	30.0
87.5°	11.5	10.6	10.6	10.6	10.6	10.6	11.5	12.4	12.4	12.4	13.3
90°	31.3	31.3	31.3	31.3	31.3	31.3	31.3	41.6	55.5	62.4	53.7
92.5°	156.2	149.9	125.1	100.2	125.1	149.9	156.2	221.3	308.2	351.7	308.8
95°	530.0	511.2	435.9	360.7	435.9	511.2	530.0	696.0	917.3	1028.0	868.2
97.5°	1223.6	1187.7	1044.6	901.4	1044.6	1187.7	1223.6	1328.4	1468.3	1538.3	1271.9
100°	1718.2	1675.6	1505.1	1334.5	1505.1	1675.6	1718.2	1710.6	1700.3	1695.2	1399.6
102.5°	2140.5	2104.0	1957.9	1811.8	1957.9	2104.0	2140.5	2006.8	1828.6	1739.6	1439.7
105°	2633.6	2613.9	2535.4	2456.9	2535.4	2613.9	2633.6	2333.9	1934.4	1734.6	1444.3
107.5°	2890.0	2894.7	2913.7	2932.6	2913.7	2894.7	2890.0	2472.0	1914.7	1636.0	1380.0
110°	2955.7	2976.1	3057.9	3139.8	3057.9	2976.1	2955.7	2488.4	1865.3	1553.8	1323.0



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2913.8	2945.2	3070.8	3196.4	3070.8	2945.2	2913.8	2435.5	1797.9	1479.1	1273.3
115°	2771.6	2815.1	2989.3	3163.6	2989.3	2815.1	2771.6	2310.9	1696.6	1389.5	1216.2
117.5°	2575.2	2623.5	2816.7	3009.9	2816.7	2623.5	2575.2	2159.4	1605.1	1327.9	1180.5
120°	2442.9	2489.8	2677.6	2865.3	2677.6	2489.8	2442.9	2063.0	1556.5	1303.2	1168.5
122.5°	2310.6	2356.9	2542.1	2727.2	2542.1	2356.9	2310.6	1968.5	1512.4	1284.3	1162.2
125°	2135.6	2178.2	2348.8	2519.3	2348.8	2178.2	2135.6	1845.0	1457.5	1263.8	1157.0
127.5°	1995.1	2031.1	2174.9	2318.9	2174.9	2031.1	1995.1	1745.5	1412.8	1246.5	1153.9
130°	1906.4	1939.6	2072.5	2205.4	2072.5	1939.6	1906.4	1684.2	1388.1	1240.0	1155.8
132.5°	1830.7	1860.5	1979.5	2098.6	1979.5	1860.5	1830.7	1631.9	1366.7	1234.2	1157.0
135°	1723.9	1749.6	1852.2	1954.8	1852.2	1749.6	1723.9	1557.4	1335.4	1224.4	1155.8
137.5°	1645.1	1666.0	1750.1	1834.1	1750.1	1666.0	1645.1	1504.3	1316.6	1222.7	1163.0
140°	1581.8	1601.4	1679.9	1758.4	1679.9	1601.4	1581.8	1460.2	1298.0	1217.0	1164.2
142.5°	1537.4	1554.2	1621.9	1689.4	1621.9	1554.2	1537.4	1430.6	1288.2	1217.0	1168.4
145°	1470.9	1483.6	1534.7	1585.9	1534.7	1483.6	1470.9	1383.5	1266.9	1208.7	1168.4
147.5°	1414.9	1425.6	1467.9	1510.3	1467.9	1425.6	1414.9	1346.2	1254.6	1208.7	1176.4
150°	1382.9	1391.5	1425.8	1460.2	1425.8	1391.5	1382.9	1324.8	1247.5	1208.7	1180.6
152.5°	1357.4	1363.9	1389.8	1415.8	1389.8	1363.9	1357.4	1307.9	1241.7	1208.7	1183.3
155°	1327.0	1331.3	1348.5	1365.7	1348.5	1331.3	1327.0	1287.6	1235.0	1208.7	1189.4
157.5°	1300.8	1303.8	1315.9	1327.9	1315.9	1303.8	1300.8	1270.1	1229.2	1208.7	1195.4
160°	1287.6	1289.3	1296.3	1303.2	1296.3	1289.3	1287.6	1261.3	1226.3	1208.7	1198.1
162.5°	1275.3	1277.0	1283.5	1290.0	1283.5	1277.0	1275.3	1253.1	1223.5	1208.7	1201.1
165°	1256.4	1258.2	1265.0	1272.0	1265.0	1258.2	1256.4	1240.5	1219.3	1208.7	1205.2
167.5°	1248.2	1248.9	1251.8	1254.7	1251.8	1248.9	1248.2	1237.8	1223.9	1217.0	1214.1
170°	1248.2	1248.2	1248.2	1248.2	1248.2	1248.2	1248.2	1237.8	1223.9	1217.0	1216.8
172.5°	1241.6	1241.0	1238.4	1235.9	1238.4	1241.0	1241.6	1233.4	1222.4	1217.0	1217.0
175°	1232.5	1232.5	1232.5	1232.5	1232.5	1232.5	1232.5	1227.3	1220.4	1217.0	1218.6
177.5°	1230.9	1230.2	1227.2	1224.4	1227.2	1230.2	1230.9	1226.8	1221.3	1218.6	1219.9
180°	1224.4	1224.4	1224.4	1224.4	1224.4	1224.4	1224.4	1224.4	1224.4	1224.4	1224.4



TEST NUMBER: P935861

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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	933.9	933.9	933.9	933.9	933.9
2.5°	922.4	926.9	929.5	933.0	941.9
5°	887.1	903.9	909.2	922.4	938.3
7.5°	809.4	860.6	874.7	906.5	931.3
10°	734.3	785.5	810.2	885.3	922.4
12.5°	696.2	726.3	743.0	848.2	910.1
15°	672.3	693.6	706.0	798.7	896.0
17.5°	653.8	668.8	677.7	750.2	876.5
20°	642.3	649.4	657.3	714.8	854.4
22.5°	634.4	630.0	636.2	690.1	824.4
25°	629.1	612.3	619.4	670.6	789.0
27.5°	633.5	596.4	599.1	652.9	751.9
30°	634.4	577.0	577.8	634.4	710.4
32.5°	628.2	556.7	557.5	611.4	663.6
35°	613.1	532.8	531.9	584.9	600.0
37.5°	592.9	507.1	507.1	555.8	530.1
40°	568.1	481.6	484.2	517.8	468.3
42.5°	538.0	454.2	457.7	467.4	422.4
45°	505.4	427.6	430.3	395.0	387.0
47.5°	469.2	400.2	401.1	327.8	375.5
50°	425.9	372.0	368.4	281.0	374.6
52.5°	387.9	341.0	330.4	254.4	340.2
55°	350.8	308.4	285.4	234.2	315.4
57.5°	318.1	265.9	243.9	210.3	310.1
60°	288.0	224.4	207.6	184.6	284.5
62.5°	263.3	193.5	190.0	167.0	258.0
65°	236.8	172.3	171.4	151.9	219.1
67.5°	211.1	158.2	157.3	137.8	167.0
70°	183.7	143.2	141.4	122.8	123.7
72.5°	155.5	126.4	124.5	110.4	102.5
75°	127.3	106.9	106.0	96.3	83.1
77.5°	99.9	84.8	86.6	77.7	61.0
80°	71.6	61.8	63.6	55.7	45.9
82.5°	47.7	40.7	42.4	35.3	30.9
85°	26.5	23.0	23.9	18.5	14.1
87.5°	12.4	10.6	10.6	7.0	4.4
90°	36.2	23.0	21.3	14.8	8.3
92.5°	223.0	158.6	144.7	88.7	32.8
95°	548.7	309.0	283.4	181.1	78.9
97.5°	739.0	339.4	316.8	226.6	136.4
100°	808.3	364.8	344.4	262.6	180.8
102.5°	840.1	390.3	371.3	294.9	218.6
105°	863.6	428.1	411.9	347.3	282.6
107.5°	867.9	483.9	468.9	408.7	348.4
110°	861.4	515.2	501.6	447.2	392.8



TEST NUMBER: P935861

CATALOG NUMBER: SQ4-FA-150U-050D-93050-1D-UNV-STD-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	861.7	553.0	540.0	488.2	436.3
115°	869.6	609.7	597.8	549.9	502.0
117.5°	885.9	664.8	653.9	610.4	566.9
120°	898.9	696.8	686.7	645.7	604.8
122.5°	917.8	734.6	724.3	683.1	641.8
125°	943.3	783.1	773.7	736.0	698.4
127.5°	968.8	829.9	820.4	782.4	744.4
130°	987.5	861.2	851.0	810.1	769.1
132.5°	1002.5	886.6	876.5	835.5	794.6
135°	1018.9	916.2	906.9	869.6	832.4
137.5°	1043.6	954.0	944.8	907.9	871.0
140°	1058.6	979.5	971.0	937.1	903.1
142.5°	1071.3	998.4	990.5	959.1	927.7
145°	1087.7	1027.2	1020.3	992.9	965.5
147.5°	1111.8	1063.3	1056.6	1030.0	1003.3
150°	1124.3	1082.2	1076.1	1052.0	1028.0
152.5°	1132.6	1094.5	1090.0	1071.7	1053.4
155°	1150.7	1121.6	1118.3	1104.7	1091.2
157.5°	1168.8	1148.7	1145.5	1132.3	1119.1
160°	1176.9	1161.0	1158.5	1148.3	1138.1
162.5°	1185.7	1174.2	1172.3	1164.6	1157.0
165°	1198.3	1193.1	1191.3	1184.5	1177.5
167.5°	1208.2	1203.8	1203.0	1199.7	1196.4
170°	1216.4	1216.1	1215.3	1212.0	1208.7
172.5°	1217.0	1217.0	1216.8	1216.0	1215.3
175°	1221.9	1224.4	1224.4	1224.4	1224.4
177.5°	1222.4	1224.4	1224.4	1224.4	1224.4
180°	1224.4	1224.4	1224.4	1224.4	1224.4



TEST NUMBER: P935861  
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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	7.69	8.35	8.84	9.49	11.10	10.51	11.18	11.67	12.32	13.93
	3H	8.15	8.74	9.31	9.89	11.52	11.84	12.43	13.00	13.59	15.21
	4H	8.33	8.90	9.50	10.05	11.67	12.27	12.84	13.45	13.99	15.62
	6H	8.44	8.96	9.62	10.11	11.75	12.55	13.07	13.73	14.22	15.86
	8H	8.43	8.93	9.62	10.10	11.72	12.61	13.11	13.80	14.28	15.91
	12H	8.40	8.87	9.58	10.03	11.68	12.64	13.11	13.83	14.28	15.93
4H	2H	8.69	9.26	9.87	10.41	12.04	10.90	11.46	12.08	12.61	14.24
	3H	9.70	10.17	10.89	11.35	12.99	12.38	12.85	13.57	14.03	15.67
	4H	9.97	10.40	11.16	11.57	13.22	12.90	13.33	14.09	14.50	16.15
	6H	10.08	10.45	11.27	11.64	13.29	13.25	13.62	14.44	14.81	16.46
	8H	10.08	10.43	11.27	11.61	13.27	13.35	13.70	14.54	14.88	16.54
	12H	10.04	10.36	11.25	11.54	13.21	13.40	13.71	14.60	14.90	16.57
8H	4H	10.41	10.75	11.59	11.93	13.59	13.01	13.35	14.20	14.53	16.20
	6H	10.66	10.94	11.87	12.17	13.82	13.43	13.72	14.64	14.94	16.60
	8H	10.70	10.95	11.91	12.15	13.83	13.58	13.83	14.80	15.03	16.71
	12H	10.67	10.89	11.89	12.09	13.80	13.67	13.89	14.89	15.09	16.80
12H	4H	10.40	10.72	11.61	11.91	13.57	12.96	13.28	14.17	14.47	16.13
	6H	10.72	10.97	11.93	12.16	13.84	13.43	13.68	14.64	14.88	16.56
	8H	10.77	10.99	11.99	12.19	13.90	13.58	13.80	14.80	15.00	16.71