

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: P935837

Luminaire Tested: SQ4-FA-150U-050D-92765-1D-UNV-STD-W-6-2700K

Issue Date: 12/17/2024

**Test Information**

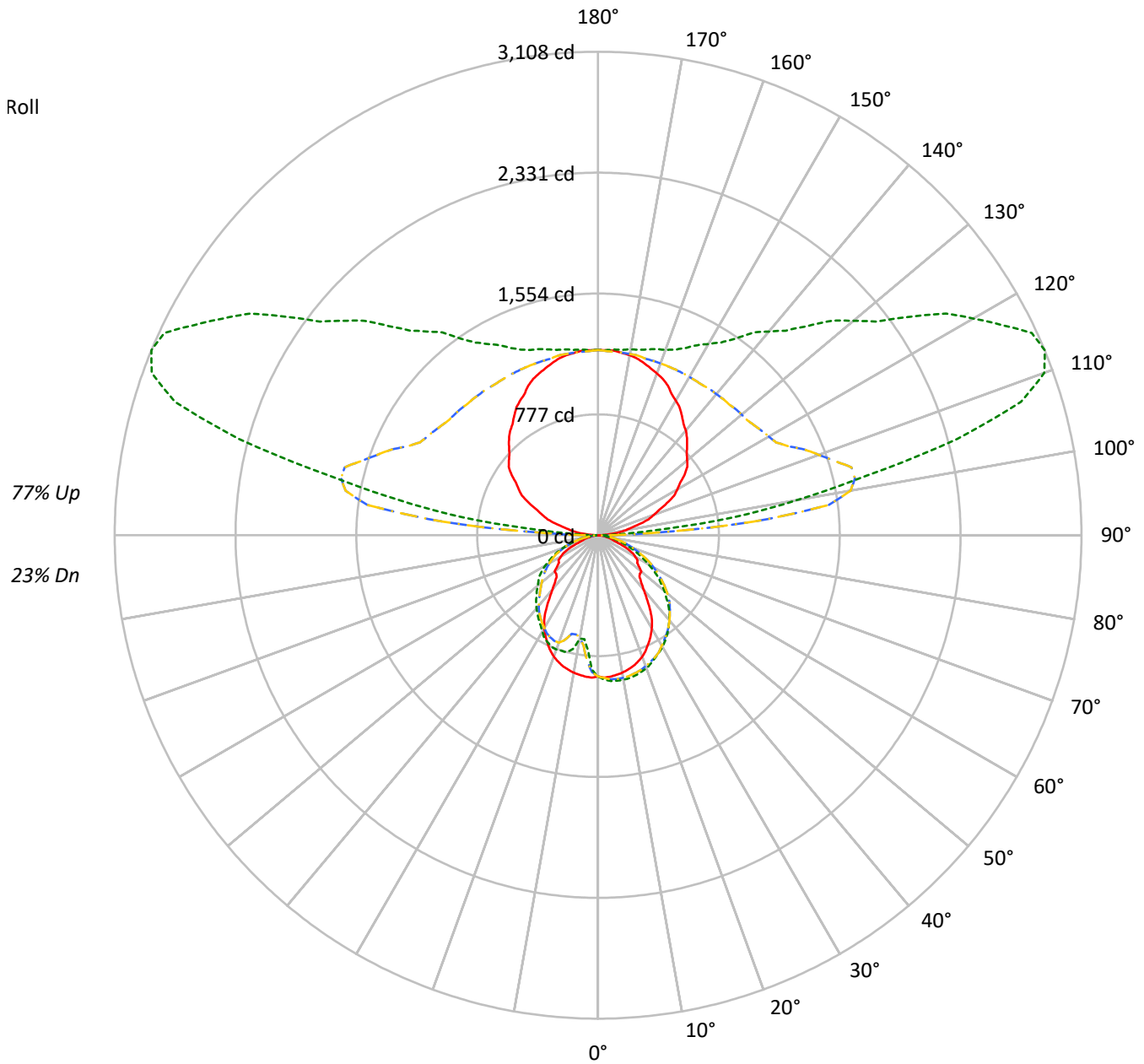
Test Method: LM-79-2019  
Report Number: P935837  
REPORT IS A COMBINATION OF REPORTS P933771 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-150U-050D-92765-1D-UNV-STD-W-6-2700K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10077.9 lumens  
Efficiency: N/A  
Efficacy: 120.8 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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### 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°	5618	5618	5618	5618
5°	5658	5671	5658	4459
10°	5618	5587	5618	3994
15°	5555	5466	5555	4564
20°	5437	5322	5437	4573
25°	5197	5113	5197	4477
30°	4887	4940	4887	4264
35°	4356	4720	4356	4030
40°	3627	4461	3627	3853
45°	3238	4158	3238	3650
50°	3438	3798	3438	3446
55°	3231	3409	3231	3328
60°	3327	2895	3327	3048
65°	3012	2393	3012	2675
70°	2081	1907	2081	2243
75°	1818	1410	1818	1688
80°	1455	932	1455	1015
85°	823	493	823	419

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 4967 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	82.0	0.8
10°-20°	232.8	2.3
20°-30°	359.8	3.6
30°-40°	429.5	4.3
40°-50°	432.1	4.3
50°-60°	375.9	3.7
60°-70°	266.6	2.6
70°-80°	141.0	1.4
80°-90°	39.7	0.4
90°-100°	580.4	5.8
100°-110°	1525.8	15.1
110°-120°	1582.1	15.7
120°-130°	1269.1	12.6
130°-140°	995.8	9.9
140°-150°	764.3	7.6
150°-160°	550.4	5.5
160°-170°	336.8	3.3
170°-180°	113.8	1.1
0°-30°	674.6	6.7
0°-40°	1104.1	11.0
0°-60°	1912.1	19.0
0°-90°	2359.4	23.4
90°-120°	3688.4	36.6
90°-150°	6717.5	66.7
90°-180°	7719.0	76.6
0°-180°	10077.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	908	908	908	908	908	
5°	912	941	912	740	912	87
15°	871	932	871	778	871	245
25°	767	870	767	761	767	352
35°	584	776	584	662	584	361
45°	376	639	376	561	376	301
55°	307	472	307	460	307	282
65°	213	284	213	318	213	204
75°	81	135	81	162	81	85
85°	14	34	14	29	14	19
90°	8	30	8	30	8	7
95°	77	351	77	351	77	85
105°	275	2389	275	2389	275	291
115°	488	3076	488	3076	488	482
125°	679	2450	679	2450	679	603
135°	810	1901	810	1901	810	626
145°	939	1542	939	1542	939	588
155°	1061	1328	1061	1328	1061	488
165°	1145	1237	1145	1237	1145	323
175°	1191	1199	1191	1199	1191	113
180°	1191	1191	1191	1191	1191	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	908.2	908.2	908.2	908.2	908.2	908.2	908.2	908.2	908.2	908.2	908.2
2.5°	916.0	916.0	921.1	922.8	922.8	920.2	917.7	920.2	928.0	930.6	929.7
5°	912.5	919.4	928.9	930.6	932.3	931.4	929.7	931.4	940.0	941.8	942.6
7.5°	905.6	918.5	930.6	933.1	935.7	933.1	932.3	934.0	942.6	944.3	944.3
10°	897.0	915.1	928.9	930.6	933.1	930.6	930.6	934.0	942.6	944.3	945.2
12.5°	885.0	909.9	922.8	924.5	928.0	927.2	926.2	929.7	938.3	940.0	940.0
15°	871.3	900.5	912.5	914.3	920.2	918.5	918.5	921.9	931.4	934.0	933.1
17.5°	852.3	888.5	902.2	904.8	909.0	908.2	909.0	912.5	921.1	922.8	923.7
20°	830.9	872.2	888.5	891.0	895.3	895.3	895.3	899.7	908.2	911.6	911.6
22.5°	801.7	854.9	872.2	873.9	879.0	879.0	880.7	886.8	894.4	895.3	895.3
25°	767.3	836.0	850.6	855.8	861.0	863.5	866.1	869.6	872.2	871.3	872.2
27.5°	731.2	811.9	830.9	834.3	841.2	843.8	847.2	848.1	848.9	851.5	849.8
30°	690.8	778.5	806.8	810.2	821.4	823.1	819.7	821.4	825.7	827.5	829.2
32.5°	645.3	728.7	781.9	789.6	800.0	794.8	793.9	796.5	803.4	803.4	805.1
35°	583.5	690.0	758.7	765.6	773.3	767.3	770.8	771.6	775.9	778.5	777.6
37.5°	515.6	656.5	734.6	739.8	745.8	738.1	743.3	745.8	749.2	747.5	747.5
40°	455.4	604.0	706.3	709.7	714.9	708.8	714.1	715.8	717.5	715.8	714.9
42.5°	410.8	546.5	676.2	680.5	677.1	681.3	683.1	686.5	684.0	680.5	680.5
45°	376.3	531.0	643.6	648.7	643.6	650.4	653.0	653.0	645.3	643.6	642.7
47.5°	365.1	500.1	611.0	611.0	608.3	616.9	621.2	615.2	607.5	604.9	604.9
50°	364.3	465.7	566.2	562.8	574.8	585.2	580.8	574.8	568.8	559.4	559.4
52.5°	330.8	423.6	508.6	521.5	540.5	546.5	539.6	533.6	523.2	519.0	515.6
55°	306.7	379.7	456.3	482.1	501.8	509.5	496.7	490.6	475.2	472.6	470.9
57.5°	301.6	316.2	408.1	440.8	464.8	464.0	456.3	445.1	432.2	429.6	428.8
60°	276.7	228.6	356.6	395.3	420.1	417.6	410.8	400.4	388.4	386.7	385.0
62.5°	250.9	165.9	298.2	342.0	377.2	376.3	370.3	354.9	346.3	342.0	338.6
65°	213.1	139.2	212.3	284.4	335.1	336.8	324.0	312.8	303.3	298.2	297.3
67.5°	162.4	113.4	143.5	237.2	294.8	293.0	276.7	271.5	259.5	256.9	251.8
70°	120.3	75.6	99.7	192.4	255.2	250.9	238.0	232.0	220.8	214.8	211.4
72.5°	99.7	61.0	73.0	149.5	214.8	209.7	198.5	191.6	182.2	177.0	173.6
75°	80.8	64.4	55.9	110.9	174.4	171.0	160.7	153.8	146.1	139.2	140.1
77.5°	59.3	60.1	44.7	81.7	138.4	133.2	127.2	118.6	115.1	108.3	108.3
80°	44.7	47.2	33.5	55.9	99.7	99.7	94.6	88.5	82.5	79.1	79.1
82.5°	30.1	30.1	24.9	35.2	67.9	65.3	61.8	60.1	56.7	55.0	55.0
85°	13.8	17.2	15.5	21.4	37.0	38.7	38.7	37.0	36.1	34.3	35.2
87.5°	4.3	7.8	9.5	12.0	18.9	19.7	20.6	20.6	20.6	21.4	21.4
90°	8.0	14.4	20.8	22.4	35.2	52.2	60.7	54.0	40.5	30.4	30.4
92.5°	31.9	86.3	140.7	154.3	216.9	300.3	342.0	299.7	215.2	151.9	145.8
95°	76.7	176.1	275.6	300.5	533.6	844.3	999.7	892.1	676.8	515.4	497.1
97.5°	132.6	220.4	308.1	330.0	718.7	1236.9	1495.9	1427.9	1291.9	1189.9	1155.0
100°	175.8	255.4	334.9	354.8	786.1	1361.1	1648.6	1653.5	1663.5	1670.9	1629.5
102.5°	212.6	286.8	361.0	379.6	817.0	1400.1	1691.7	1778.3	1951.6	2081.6	2046.1
105°	274.9	337.7	400.6	416.3	839.9	1404.5	1686.9	1881.1	2269.7	2561.1	2542.0
107.5°	338.8	397.4	456.0	470.6	844.0	1342.0	1591.0	1862.0	2403.9	2810.4	2815.0
110°	382.0	434.9	487.8	501.0	837.7	1286.6	1511.0	1814.0	2419.9	2874.3	2894.2



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	424.3	474.7	525.1	537.8	838.0	1238.2	1438.4	1748.4	2368.5	2833.6	2864.1
115°	488.2	534.8	581.3	592.9	845.7	1182.7	1351.2	1649.9	2247.3	2695.3	2737.7
117.5°	551.3	593.6	635.9	646.5	861.5	1148.0	1291.4	1560.9	2100.0	2504.3	2551.3
120°	588.2	628.0	667.8	677.7	874.2	1136.3	1267.4	1513.7	2006.3	2375.7	2421.3
122.5°	624.1	664.3	704.4	714.4	892.6	1130.2	1249.0	1470.8	1914.4	2247.0	2292.1
125°	679.2	715.8	752.4	761.5	917.3	1125.1	1229.0	1417.4	1794.2	2076.8	2118.2
127.5°	724.0	760.9	797.8	807.1	942.1	1122.2	1212.2	1374.0	1697.5	1940.2	1975.2
130°	748.0	787.8	827.6	837.5	960.3	1124.0	1205.9	1349.9	1637.9	1853.9	1886.2
132.5°	772.7	812.5	852.3	862.2	974.9	1125.1	1200.2	1329.1	1587.0	1780.3	1809.3
135°	809.5	845.7	882.0	891.0	990.9	1124.0	1190.7	1298.6	1514.5	1676.5	1701.4
137.5°	847.0	882.9	918.8	927.8	1014.9	1131.0	1189.0	1280.3	1462.9	1599.8	1620.2
140°	878.2	911.3	944.2	952.5	1029.5	1132.1	1183.5	1262.3	1420.0	1538.3	1557.3
142.5°	902.1	932.7	963.3	970.9	1041.8	1136.2	1183.5	1252.7	1391.2	1495.1	1511.5
145°	938.9	965.6	992.2	998.9	1057.8	1136.2	1175.5	1232.1	1345.4	1430.4	1442.8
147.5°	975.7	1001.6	1027.5	1034.0	1081.2	1144.0	1175.5	1220.0	1309.1	1376.0	1386.3
150°	999.7	1023.1	1046.5	1052.4	1093.4	1148.1	1175.5	1213.1	1288.4	1344.8	1353.2
152.5°	1024.4	1042.2	1060.0	1064.4	1101.4	1150.8	1175.5	1207.6	1271.9	1320.1	1326.4
155°	1061.2	1074.3	1087.5	1090.7	1119.0	1156.7	1175.5	1201.0	1252.2	1290.5	1294.7
157.5°	1088.3	1101.1	1114.0	1117.1	1136.6	1162.5	1175.5	1195.4	1235.2	1265.0	1267.9
160°	1106.8	1116.7	1126.6	1129.1	1144.5	1165.1	1175.5	1192.5	1226.6	1252.2	1253.9
162.5°	1125.1	1132.6	1140.0	1141.9	1153.1	1168.0	1175.5	1189.8	1218.6	1240.2	1241.8
165°	1145.1	1151.9	1158.5	1160.2	1165.3	1172.0	1175.5	1185.8	1206.4	1221.8	1223.5
167.5°	1163.5	1166.7	1169.9	1170.7	1174.9	1180.7	1183.5	1190.2	1203.7	1213.8	1214.5
170°	1175.5	1178.6	1181.9	1182.6	1182.9	1183.3	1183.5	1190.2	1203.7	1213.8	1213.8
172.5°	1181.9	1182.5	1183.3	1183.5	1183.5	1183.5	1183.5	1188.8	1199.5	1207.4	1206.8
175°	1190.7	1190.7	1190.7	1190.7	1188.3	1185.1	1183.5	1186.8	1193.6	1198.6	1198.6
177.5°	1190.7	1190.7	1190.7	1190.7	1188.8	1186.3	1185.0	1187.7	1193.0	1197.1	1196.4
180°	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	908.2	908.2	908.2	908.2	908.2	908.2	908.2	908.2	908.2	908.2	908.2
2.5°	931.4	928.9	931.4	929.7	930.6	928.0	920.2	917.7	920.2	922.8	922.8
5°	942.6	940.8	942.6	942.6	941.8	940.0	931.4	929.7	931.4	932.3	930.6
7.5°	946.0	943.5	946.0	944.3	944.3	942.6	934.0	932.3	933.1	935.7	933.1
10°	946.0	943.5	946.0	945.2	944.3	942.6	934.0	930.6	930.6	933.1	930.6
12.5°	941.8	940.0	941.8	940.0	940.0	938.3	929.7	926.2	927.2	928.0	924.5
15°	934.8	932.3	934.8	933.1	934.0	931.4	921.9	918.5	918.5	920.2	914.3
17.5°	924.5	921.1	924.5	923.7	922.8	921.1	912.5	909.0	908.2	909.0	904.8
20°	912.5	909.9	912.5	911.6	911.6	908.2	899.7	895.3	895.3	895.3	891.0
22.5°	893.6	891.0	893.6	895.3	895.3	894.4	886.8	880.7	879.0	879.0	873.9
25°	872.2	869.6	872.2	872.2	871.3	872.2	869.6	866.1	863.5	861.0	855.8
27.5°	851.5	849.8	851.5	849.8	851.5	848.9	848.1	847.2	843.8	841.2	834.3
30°	830.9	829.2	830.9	829.2	827.5	825.7	821.4	819.7	823.1	821.4	810.2
32.5°	805.1	803.4	805.1	805.1	803.4	803.4	796.5	793.9	794.8	800.0	789.6
35°	778.5	775.9	778.5	777.6	778.5	775.9	771.6	770.8	767.3	773.3	765.6
37.5°	747.5	745.0	747.5	747.5	747.5	749.2	745.8	743.3	738.1	745.8	739.8
40°	715.8	712.3	715.8	714.9	715.8	717.5	715.8	714.1	708.8	714.9	709.7
42.5°	679.6	678.8	679.6	680.5	680.5	684.0	686.5	683.1	681.3	677.1	680.5
45°	641.0	639.2	641.0	642.7	643.6	645.3	653.0	653.0	650.4	643.6	648.7
47.5°	599.8	595.4	599.8	604.9	604.9	607.5	615.2	621.2	616.9	608.3	611.0
50°	556.0	556.8	556.0	559.4	559.4	568.8	574.8	580.8	585.2	574.8	562.8
52.5°	513.0	512.1	513.0	515.6	519.0	523.2	533.6	539.6	546.5	540.5	521.5
55°	470.0	471.7	470.0	470.9	472.6	475.2	490.6	496.7	509.5	501.8	482.1
57.5°	427.1	424.5	427.1	428.8	429.6	432.2	445.1	456.3	464.0	464.8	440.8
60°	377.2	373.8	377.2	385.0	386.7	388.4	400.4	410.8	417.6	420.1	395.3
62.5°	333.4	327.4	333.4	338.6	342.0	346.3	354.9	370.3	376.3	377.2	342.0
65°	287.0	284.4	287.0	297.3	298.2	303.3	312.8	324.0	336.8	335.1	284.4
67.5°	244.9	244.9	244.9	251.8	256.9	259.5	271.5	276.7	293.0	294.8	237.2
70°	206.2	205.3	206.2	211.4	214.8	220.8	232.0	238.0	250.9	255.2	192.4
72.5°	169.3	168.4	169.3	173.6	177.0	182.2	191.6	198.5	209.7	214.8	149.5
75°	136.7	134.9	136.7	140.1	139.2	146.1	153.8	160.7	171.0	174.4	110.9
77.5°	104.8	104.8	104.8	108.3	108.3	115.1	118.6	127.2	133.2	138.4	81.7
80°	78.2	77.3	78.2	79.1	79.1	82.5	88.5	94.6	99.7	99.7	55.9
82.5°	55.0	53.3	55.0	55.0	55.0	56.7	60.1	61.8	65.3	67.9	35.2
85°	34.3	34.3	34.3	35.2	34.3	36.1	37.0	38.7	38.7	37.0	21.4
87.5°	22.4	21.4	22.4	21.4	21.4	20.6	20.6	20.6	19.7	18.9	12.0
90°	30.4	30.4	30.4	30.4	30.4	40.5	54.0	60.7	52.2	35.2	22.4
92.5°	121.6	97.5	121.6	145.8	151.9	215.2	299.7	342.0	300.3	216.9	154.3
95°	423.9	350.8	423.9	497.1	515.4	676.8	892.1	999.7	844.3	533.6	300.5
97.5°	1015.8	876.6	1015.8	1155.0	1189.9	1291.9	1427.9	1495.9	1236.9	718.7	330.0
100°	1463.6	1297.8	1463.6	1629.5	1670.9	1663.5	1653.5	1648.6	1361.1	786.1	354.8
102.5°	1904.0	1762.0	1904.0	2046.1	2081.6	1951.6	1778.3	1691.7	1400.1	817.0	379.6
105°	2465.6	2389.3	2465.6	2542.0	2561.1	2269.7	1881.1	1686.9	1404.5	839.9	416.3
107.5°	2833.5	2851.9	2833.5	2815.0	2810.4	2403.9	1862.0	1591.0	1342.0	844.0	470.6
110°	2973.7	3053.3	2973.7	2894.2	2874.3	2419.9	1814.0	1511.0	1286.6	837.7	501.0





TEST NUMBER: P935837

CATALOG NUMBER: SQ4-FA-150U-050D-92765-1D-UNV-STD-W-6-2700K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2986.3	3108.4	2986.3	2864.1	2833.6	2368.5	1748.4	1438.4	1238.2	838.0	537.8
115°	2907.0	3076.5	2907.0	2737.7	2695.3	2247.3	1649.9	1351.2	1182.7	845.7	592.9
117.5°	2739.2	2927.1	2739.2	2551.3	2504.3	2100.0	1560.9	1291.4	1148.0	861.5	646.5
120°	2603.9	2786.4	2603.9	2421.3	2375.7	2006.3	1513.7	1267.4	1136.3	874.2	677.7
122.5°	2472.1	2652.2	2472.1	2292.1	2247.0	1914.4	1470.8	1249.0	1130.2	892.6	714.4
125°	2284.1	2450.0	2284.1	2118.2	2076.8	1794.2	1417.4	1229.0	1125.1	917.3	761.5
127.5°	2115.1	2255.1	2115.1	1975.2	1940.2	1697.5	1374.0	1212.2	1122.2	942.1	807.1
130°	2015.5	2144.7	2015.5	1886.2	1853.9	1637.9	1349.9	1205.9	1124.0	960.3	837.5
132.5°	1925.0	2040.9	1925.0	1809.3	1780.3	1587.0	1329.1	1200.2	1125.1	974.9	862.2
135°	1801.3	1901.0	1801.3	1701.4	1676.5	1514.5	1298.6	1190.7	1124.0	990.9	891.0
137.5°	1701.9	1783.6	1701.9	1620.2	1599.8	1462.9	1280.3	1189.0	1131.0	1014.9	927.8
140°	1633.7	1710.0	1633.7	1557.3	1538.3	1420.0	1262.3	1183.5	1132.1	1029.5	952.5
142.5°	1577.2	1642.9	1577.2	1511.5	1495.1	1391.2	1252.7	1183.5	1136.2	1041.8	970.9
145°	1492.5	1542.2	1492.5	1442.8	1430.4	1345.4	1232.1	1175.5	1136.2	1057.8	998.9
147.5°	1427.5	1468.8	1427.5	1386.3	1376.0	1309.1	1220.0	1175.5	1144.0	1081.2	1034.0
150°	1386.6	1420.0	1386.6	1353.2	1344.8	1288.4	1213.1	1175.5	1148.1	1093.4	1052.4
152.5°	1351.6	1376.9	1351.6	1326.4	1320.1	1271.9	1207.6	1175.5	1150.8	1101.4	1064.4
155°	1311.3	1328.1	1311.3	1294.7	1290.5	1252.2	1201.0	1175.5	1156.7	1119.0	1090.7
157.5°	1279.7	1291.4	1279.7	1267.9	1265.0	1235.2	1195.4	1175.5	1162.5	1136.6	1117.1
160°	1260.6	1267.4	1260.6	1253.9	1252.2	1226.6	1192.5	1175.5	1165.1	1144.5	1129.1
162.5°	1248.1	1254.5	1248.1	1241.8	1240.2	1218.6	1189.8	1175.5	1168.0	1153.1	1141.9
165°	1230.2	1236.9	1230.2	1223.5	1221.8	1206.4	1185.8	1175.5	1172.0	1165.3	1160.2
167.5°	1217.4	1220.2	1217.4	1214.5	1213.8	1203.7	1190.2	1183.5	1180.7	1174.9	1170.7
170°	1213.8	1213.8	1213.8	1213.8	1213.8	1203.7	1190.2	1183.5	1183.3	1182.9	1182.6
172.5°	1204.3	1201.8	1204.3	1206.8	1207.4	1199.5	1188.8	1183.5	1183.5	1183.5	1183.5
175°	1198.6	1198.6	1198.6	1198.6	1198.6	1193.6	1186.8	1183.5	1185.1	1188.3	1190.7
177.5°	1193.5	1190.7	1193.5	1196.4	1197.1	1193.0	1187.7	1185.0	1186.3	1188.8	1190.7
180°	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7



TEST NUMBER: P935837

CATALOG NUMBER: SQ4-FA-150U-050D-92765-1D-UNV-STD-W-6-2700K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	908.2	908.2	908.2	908.2	908.2	908.2	908.2	908.2	908.2	908.2	908.2
2.5°	921.1	916.0	916.0	907.3	903.9	901.4	897.0	884.2	880.7	877.3	882.4
5°	928.9	919.4	912.5	897.0	884.2	879.0	862.7	831.7	811.1	795.6	787.1
7.5°	930.6	918.5	905.6	881.5	850.6	836.9	787.1	730.4	714.9	701.2	692.5
10°	928.9	915.1	897.0	861.0	787.9	763.8	714.1	677.1	667.6	665.0	667.6
12.5°	922.8	909.9	885.0	824.8	722.6	706.3	677.1	655.6	653.8	658.2	681.3
15°	912.5	900.5	871.3	776.7	686.5	674.5	653.8	646.1	655.6	685.7	755.3
17.5°	902.2	888.5	852.3	729.5	659.0	650.4	635.8	651.3	704.6	745.0	768.1
20°	888.5	872.2	830.9	695.1	639.2	631.5	624.6	694.2	734.6	749.2	762.1
22.5°	872.2	854.9	801.7	671.1	618.6	612.7	616.9	718.3	734.6	745.0	756.2
25°	850.6	836.0	767.3	652.1	602.3	595.4	611.8	715.8	725.2	727.8	750.1
27.5°	830.9	811.9	731.2	635.0	582.6	580.0	616.1	704.6	711.5	714.1	738.1
30°	806.8	778.5	690.8	616.9	561.9	561.1	616.9	690.8	689.1	695.9	720.0
32.5°	781.9	728.7	645.3	594.6	542.2	541.3	611.0	670.2	668.5	677.9	695.9
35°	758.7	690.0	583.5	568.8	517.3	518.1	596.3	646.1	647.0	655.6	666.7
37.5°	734.6	656.5	515.6	540.5	493.2	493.2	576.5	623.8	622.1	624.6	640.2
40°	706.3	604.0	455.4	503.5	470.9	468.3	552.4	599.8	593.7	592.9	614.4
42.5°	676.2	546.5	410.8	454.6	445.1	441.7	523.2	570.6	559.4	561.9	589.4
45°	643.6	531.0	376.3	384.1	418.4	415.9	491.5	537.0	529.3	536.1	564.5
47.5°	611.0	500.1	365.1	318.8	390.1	389.2	456.3	504.4	500.1	506.9	537.0
50°	566.2	465.7	364.3	273.2	358.3	361.7	414.2	472.6	472.6	478.6	510.4
52.5°	508.6	423.6	330.8	247.4	321.3	331.7	377.2	445.1	446.8	452.9	481.1
55°	456.3	379.7	306.7	227.7	277.5	299.9	341.1	416.7	420.1	426.2	451.9
57.5°	408.1	316.2	301.6	204.5	237.2	258.6	309.4	389.2	390.9	396.1	421.0
60°	356.6	228.6	276.7	179.5	201.9	218.2	280.1	356.6	362.6	366.0	387.5
62.5°	298.2	165.9	250.9	162.4	184.7	188.2	256.1	325.7	333.4	335.9	348.8
65°	212.3	139.2	213.1	147.8	166.7	167.6	230.3	293.8	300.7	305.0	314.5
67.5°	143.5	113.4	162.4	134.0	153.0	153.8	205.3	256.9	266.4	269.8	275.8
70°	99.7	75.6	120.3	119.4	137.5	139.2	178.7	223.4	232.0	234.5	238.0
72.5°	73.0	61.0	99.7	107.4	121.1	122.9	151.3	185.6	194.2	196.8	198.5
75°	55.9	64.4	80.8	93.7	103.1	103.9	123.8	151.3	157.2	159.0	159.8
77.5°	44.7	60.1	59.3	75.6	84.2	82.5	97.1	116.8	122.0	122.0	122.0
80°	33.5	47.2	44.7	54.2	61.8	60.1	69.6	83.4	85.1	86.8	85.9
82.5°	24.9	30.1	30.1	34.3	41.3	39.5	46.4	54.2	54.2	54.2	55.9
85°	15.5	17.2	13.8	18.0	23.2	22.4	25.8	29.2	30.1	30.1	28.4
87.5°	9.5	7.8	4.3	6.8	10.3	10.3	12.0	12.9	12.0	12.0	12.0
90°	20.8	14.4	8.0	14.4	20.8	22.4	35.2	52.2	60.7	54.0	40.5
92.5°	140.7	86.3	31.9	86.3	140.7	154.3	216.9	300.3	342.0	299.7	215.2
95°	275.6	176.1	76.7	176.1	275.6	300.5	533.6	844.3	999.7	892.1	676.8
97.5°	308.1	220.4	132.6	220.4	308.1	330.0	718.7	1236.9	1495.9	1427.9	1291.9
100°	334.9	255.4	175.8	255.4	334.9	354.8	786.1	1361.1	1648.6	1653.5	1663.5
102.5°	361.0	286.8	212.6	286.8	361.0	379.6	817.0	1400.1	1691.7	1778.3	1951.6
105°	400.6	337.7	274.9	337.7	400.6	416.3	839.9	1404.5	1686.9	1881.1	2269.7
107.5°	456.0	397.4	338.8	397.4	456.0	470.6	844.0	1342.0	1591.0	1862.0	2403.9
110°	487.8	434.9	382.0	434.9	487.8	501.0	837.7	1286.6	1511.0	1814.0	2419.9



TEST NUMBER: P935837

CATALOG NUMBER: SQ4-FA-150U-050D-92765-1D-UNV-STD-W-6-2700K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	525.1	474.7	424.3	474.7	525.1	537.8	838.0	1238.2	1438.4	1748.4	2368.5
115°	581.3	534.8	488.2	534.8	581.3	592.9	845.7	1182.7	1351.2	1649.9	2247.3
117.5°	635.9	593.6	551.3	593.6	635.9	646.5	861.5	1148.0	1291.4	1560.9	2100.0
120°	667.8	628.0	588.2	628.0	667.8	677.7	874.2	1136.3	1267.4	1513.7	2006.3
122.5°	704.4	664.3	624.1	664.3	704.4	714.4	892.6	1130.2	1249.0	1470.8	1914.4
125°	752.4	715.8	679.2	715.8	752.4	761.5	917.3	1125.1	1229.0	1417.4	1794.2
127.5°	797.8	760.9	724.0	760.9	797.8	807.1	942.1	1122.2	1212.2	1374.0	1697.5
130°	827.6	787.8	748.0	787.8	827.6	837.5	960.3	1124.0	1205.9	1349.9	1637.9
132.5°	852.3	812.5	772.7	812.5	852.3	862.2	974.9	1125.1	1200.2	1329.1	1587.0
135°	882.0	845.7	809.5	845.7	882.0	891.0	990.9	1124.0	1190.7	1298.6	1514.5
137.5°	918.8	882.9	847.0	882.9	918.8	927.8	1014.9	1131.0	1189.0	1280.3	1462.9
140°	944.2	911.3	878.2	911.3	944.2	952.5	1029.5	1132.1	1183.5	1262.3	1420.0
142.5°	963.3	932.7	902.1	932.7	963.3	970.9	1041.8	1136.2	1183.5	1252.7	1391.2
145°	992.2	965.6	938.9	965.6	992.2	998.9	1057.8	1136.2	1175.5	1232.1	1345.4
147.5°	1027.5	1001.6	975.7	1001.6	1027.5	1034.0	1081.2	1144.0	1175.5	1220.0	1309.1
150°	1046.5	1023.1	999.7	1023.1	1046.5	1052.4	1093.4	1148.1	1175.5	1213.1	1288.4
152.5°	1060.0	1042.2	1024.4	1042.2	1060.0	1064.4	1101.4	1150.8	1175.5	1207.6	1271.9
155°	1087.5	1074.3	1061.2	1074.3	1087.5	1090.7	1119.0	1156.7	1175.5	1201.0	1252.2
157.5°	1114.0	1101.1	1088.3	1101.1	1114.0	1117.1	1136.6	1162.5	1175.5	1195.4	1235.2
160°	1126.6	1116.7	1106.8	1116.7	1126.6	1129.1	1144.5	1165.1	1175.5	1192.5	1226.6
162.5°	1140.0	1132.6	1125.1	1132.6	1140.0	1141.9	1153.1	1168.0	1175.5	1189.8	1218.6
165°	1158.5	1151.9	1145.1	1151.9	1158.5	1160.2	1165.3	1172.0	1175.5	1185.8	1206.4
167.5°	1169.9	1166.7	1163.5	1166.7	1169.9	1170.7	1174.9	1180.7	1183.5	1190.2	1203.7
170°	1181.9	1178.6	1175.5	1178.6	1181.9	1182.6	1182.9	1183.3	1183.5	1190.2	1203.7
172.5°	1183.3	1182.5	1181.9	1182.5	1183.3	1183.5	1183.5	1183.5	1183.5	1188.8	1199.5
175°	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1188.3	1185.1	1183.5	1186.8	1193.6
177.5°	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1188.8	1186.3	1185.0	1187.7	1193.0
180°	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7



TEST NUMBER: P935837

CATALOG NUMBER: SQ4-FA-150U-050D-92765-1D-UNV-STD-W-6-2700K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	908.2	908.2	908.2	908.2	908.2	908.2	908.2	908.2	908.2	908.2	908.2
2.5°	876.4	873.9	877.3	867.8	877.3	873.9	876.4	882.4	877.3	880.7	884.2
5°	769.1	764.7	750.9	739.8	750.9	764.7	769.1	787.1	795.6	811.1	831.7
7.5°	687.4	684.0	680.5	673.7	680.5	684.0	687.4	692.5	701.2	714.9	730.4
10°	669.4	670.2	675.4	674.5	675.4	670.2	669.4	667.6	665.0	667.6	677.1
12.5°	715.8	723.4	751.8	750.1	751.8	723.4	715.8	681.3	658.2	653.8	655.6
15°	769.1	771.6	777.6	778.5	777.6	771.6	769.1	755.3	685.7	655.6	646.1
17.5°	774.2	775.0	779.3	779.3	779.3	775.0	774.2	768.1	745.0	704.6	651.3
20°	769.9	771.6	780.2	781.9	780.2	771.6	769.9	762.1	749.2	734.6	694.2
22.5°	768.1	771.6	778.5	777.6	778.5	771.6	768.1	756.2	745.0	734.6	718.3
25°	759.6	759.6	760.4	761.3	760.4	759.6	759.6	750.1	727.8	725.2	715.8
27.5°	741.6	743.3	748.4	747.5	748.4	743.3	741.6	738.1	714.1	711.5	704.6
30°	725.2	723.4	719.2	715.8	719.2	723.4	725.2	720.0	695.9	689.1	690.8
32.5°	697.7	693.4	689.1	686.5	689.1	693.4	697.7	695.9	677.9	668.5	670.2
35°	665.0	665.9	665.0	662.5	665.0	665.9	665.0	666.7	655.6	647.0	646.1
37.5°	641.9	643.6	642.7	639.2	642.7	643.6	641.9	640.2	624.6	622.1	623.8
40°	617.8	618.6	617.8	615.2	617.8	618.6	617.8	614.4	592.9	593.7	599.8
42.5°	594.6	593.7	591.1	589.4	591.1	593.7	594.6	589.4	561.9	559.4	570.6
45°	568.0	568.8	563.6	561.1	563.6	568.8	568.0	564.5	536.1	529.3	537.0
47.5°	541.3	541.3	537.0	534.4	537.0	541.3	541.3	537.0	506.9	500.1	504.4
50°	513.0	512.1	506.1	505.2	506.1	512.1	513.0	510.4	478.6	472.6	472.6
52.5°	480.3	480.3	481.1	482.9	481.1	480.3	480.3	481.1	452.9	446.8	445.1
55°	451.9	452.9	458.8	460.5	458.8	452.9	451.9	451.9	426.2	420.1	416.7
57.5°	422.7	422.7	427.1	427.1	427.1	422.7	422.7	421.0	396.1	390.9	389.2
60°	389.2	390.9	394.4	393.5	394.4	390.9	389.2	387.5	366.0	362.6	356.6
62.5°	354.0	355.7	356.6	354.9	356.6	355.7	354.0	348.8	335.9	333.4	325.7
65°	317.1	318.8	319.6	317.9	319.6	318.8	317.1	314.5	305.0	300.7	293.8
67.5°	279.2	278.4	277.5	281.0	277.5	278.4	279.2	275.8	269.8	266.4	256.9
70°	240.6	240.6	239.8	241.5	239.8	240.6	240.6	238.0	234.5	232.0	223.4
72.5°	199.4	198.5	201.9	199.4	201.9	198.5	199.4	198.5	196.8	194.2	185.6
75°	159.0	160.7	159.0	161.5	159.0	160.7	159.0	159.8	159.0	157.2	151.3
77.5°	121.1	122.9	121.1	121.1	121.1	122.9	121.1	122.0	122.0	122.0	116.8
80°	85.9	85.1	85.1	84.2	85.1	85.1	85.9	85.9	86.8	85.1	83.4
82.5°	55.0	54.2	54.2	55.9	54.2	54.2	55.0	55.9	54.2	54.2	54.2
85°	30.1	30.9	29.2	29.2	29.2	30.9	30.1	28.4	30.1	30.1	29.2
87.5°	11.2	10.3	10.3	10.3	10.3	10.3	11.2	12.0	12.0	12.0	12.9
90°	30.4	30.4	30.4	30.4	30.4	30.4	30.4	40.5	54.0	60.7	52.2
92.5°	151.9	145.8	121.6	97.5	121.6	145.8	151.9	215.2	299.7	342.0	300.3
95°	515.4	497.1	423.9	350.8	423.9	497.1	515.4	676.8	892.1	999.7	844.3
97.5°	1189.9	1155.0	1015.8	876.6	1015.8	1155.0	1189.9	1291.9	1427.9	1495.9	1236.9
100°	1670.9	1629.5	1463.6	1297.8	1463.6	1629.5	1670.9	1663.5	1653.5	1648.6	1361.1
102.5°	2081.6	2046.1	1904.0	1762.0	1904.0	2046.1	2081.6	1951.6	1778.3	1691.7	1400.1
105°	2561.1	2542.0	2465.6	2389.3	2465.6	2542.0	2561.1	2269.7	1881.1	1686.9	1404.5
107.5°	2810.4	2815.0	2833.5	2851.9	2833.5	2815.0	2810.4	2403.9	1862.0	1591.0	1342.0
110°	2874.3	2894.2	2973.7	3053.3	2973.7	2894.2	2874.3	2419.9	1814.0	1511.0	1286.6



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2833.6	2864.1	2986.3	3108.4	2986.3	2864.1	2833.6	2368.5	1748.4	1438.4	1238.2
115°	2695.3	2737.7	2907.0	3076.5	2907.0	2737.7	2695.3	2247.3	1649.9	1351.2	1182.7
117.5°	2504.3	2551.3	2739.2	2927.1	2739.2	2551.3	2504.3	2100.0	1560.9	1291.4	1148.0
120°	2375.7	2421.3	2603.9	2786.4	2603.9	2421.3	2375.7	2006.3	1513.7	1267.4	1136.3
122.5°	2247.0	2292.1	2472.1	2652.2	2472.1	2292.1	2247.0	1914.4	1470.8	1249.0	1130.2
125°	2076.8	2118.2	2284.1	2450.0	2284.1	2118.2	2076.8	1794.2	1417.4	1229.0	1125.1
127.5°	1940.2	1975.2	2115.1	2255.1	2115.1	1975.2	1940.2	1697.5	1374.0	1212.2	1122.2
130°	1853.9	1886.2	2015.5	2144.7	2015.5	1886.2	1853.9	1637.9	1349.9	1205.9	1124.0
132.5°	1780.3	1809.3	1925.0	2040.9	1925.0	1809.3	1780.3	1587.0	1329.1	1200.2	1125.1
135°	1676.5	1701.4	1801.3	1901.0	1801.3	1701.4	1676.5	1514.5	1298.6	1190.7	1124.0
137.5°	1599.8	1620.2	1701.9	1783.6	1701.9	1620.2	1599.8	1462.9	1280.3	1189.0	1131.0
140°	1538.3	1557.3	1633.7	1710.0	1633.7	1557.3	1538.3	1420.0	1262.3	1183.5	1132.1
142.5°	1495.1	1511.5	1577.2	1642.9	1577.2	1511.5	1495.1	1391.2	1252.7	1183.5	1136.2
145°	1430.4	1442.8	1492.5	1542.2	1492.5	1442.8	1430.4	1345.4	1232.1	1175.5	1136.2
147.5°	1376.0	1386.3	1427.5	1468.8	1427.5	1386.3	1376.0	1309.1	1220.0	1175.5	1144.0
150°	1344.8	1353.2	1386.6	1420.0	1386.6	1353.2	1344.8	1288.4	1213.1	1175.5	1148.1
152.5°	1320.1	1326.4	1351.6	1376.9	1351.6	1326.4	1320.1	1271.9	1207.6	1175.5	1150.8
155°	1290.5	1294.7	1311.3	1328.1	1311.3	1294.7	1290.5	1252.2	1201.0	1175.5	1156.7
157.5°	1265.0	1267.9	1279.7	1291.4	1279.7	1267.9	1265.0	1235.2	1195.4	1175.5	1162.5
160°	1252.2	1253.9	1260.6	1267.4	1260.6	1253.9	1252.2	1226.6	1192.5	1175.5	1165.1
162.5°	1240.2	1241.8	1248.1	1254.5	1248.1	1241.8	1240.2	1218.6	1189.8	1175.5	1168.0
165°	1221.8	1223.5	1230.2	1236.9	1230.2	1223.5	1221.8	1206.4	1185.8	1175.5	1172.0
167.5°	1213.8	1214.5	1217.4	1220.2	1217.4	1214.5	1213.8	1203.7	1190.2	1183.5	1180.7
170°	1213.8	1213.8	1213.8	1213.8	1213.8	1213.8	1213.8	1203.7	1190.2	1183.5	1183.3
172.5°	1207.4	1206.8	1204.3	1201.8	1204.3	1206.8	1207.4	1199.5	1188.8	1183.5	1183.5
175°	1198.6	1198.6	1198.6	1198.6	1198.6	1198.6	1198.6	1193.6	1186.8	1183.5	1185.1
177.5°	1197.1	1196.4	1193.5	1190.7	1193.5	1196.4	1197.1	1193.0	1187.7	1185.0	1186.3
180°	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	908.2	908.2	908.2	908.2	908.2
2.5°	897.0	901.4	903.9	907.3	916.0
5°	862.7	879.0	884.2	897.0	912.5
7.5°	787.1	836.9	850.6	881.5	905.6
10°	714.1	763.8	787.9	861.0	897.0
12.5°	677.1	706.3	722.6	824.8	885.0
15°	653.8	674.5	686.5	776.7	871.3
17.5°	635.8	650.4	659.0	729.5	852.3
20°	624.6	631.5	639.2	695.1	830.9
22.5°	616.9	612.7	618.6	671.1	801.7
25°	611.8	595.4	602.3	652.1	767.3
27.5°	616.1	580.0	582.6	635.0	731.2
30°	616.9	561.1	561.9	616.9	690.8
32.5°	611.0	541.3	542.2	594.6	645.3
35°	596.3	518.1	517.3	568.8	583.5
37.5°	576.5	493.2	493.2	540.5	515.6
40°	552.4	468.3	470.9	503.5	455.4
42.5°	523.2	441.7	445.1	454.6	410.8
45°	491.5	415.9	418.4	384.1	376.3
47.5°	456.3	389.2	390.1	318.8	365.1
50°	414.2	361.7	358.3	273.2	364.3
52.5°	377.2	331.7	321.3	247.4	330.8
55°	341.1	299.9	277.5	227.7	306.7
57.5°	309.4	258.6	237.2	204.5	301.6
60°	280.1	218.2	201.9	179.5	276.7
62.5°	256.1	188.2	184.7	162.4	250.9
65°	230.3	167.6	166.7	147.8	213.1
67.5°	205.3	153.8	153.0	134.0	162.4
70°	178.7	139.2	137.5	119.4	120.3
72.5°	151.3	122.9	121.1	107.4	99.7
75°	123.8	103.9	103.1	93.7	80.8
77.5°	97.1	82.5	84.2	75.6	59.3
80°	69.6	60.1	61.8	54.2	44.7
82.5°	46.4	39.5	41.3	34.3	30.1
85°	25.8	22.4	23.2	18.0	13.8
87.5°	12.0	10.3	10.3	6.8	4.3
90°	35.2	22.4	20.8	14.4	8.0
92.5°	216.9	154.3	140.7	86.3	31.9
95°	533.6	300.5	275.6	176.1	76.7
97.5°	718.7	330.0	308.1	220.4	132.6
100°	786.1	354.8	334.9	255.4	175.8
102.5°	817.0	379.6	361.0	286.8	212.6
105°	839.9	416.3	400.6	337.7	274.9
107.5°	844.0	470.6	456.0	397.4	338.8
110°	837.7	501.0	487.8	434.9	382.0



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CATALOG NUMBER: SQ4-FA-150U-050D-92765-1D-UNV-STD-W-6-2700K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	838.0	537.8	525.1	474.7	424.3
115°	845.7	592.9	581.3	534.8	488.2
117.5°	861.5	646.5	635.9	593.6	551.3
120°	874.2	677.7	667.8	628.0	588.2
122.5°	892.6	714.4	704.4	664.3	624.1
125°	917.3	761.5	752.4	715.8	679.2
127.5°	942.1	807.1	797.8	760.9	724.0
130°	960.3	837.5	827.6	787.8	748.0
132.5°	974.9	862.2	852.3	812.5	772.7
135°	990.9	891.0	882.0	845.7	809.5
137.5°	1014.9	927.8	918.8	882.9	847.0
140°	1029.5	952.5	944.2	911.3	878.2
142.5°	1041.8	970.9	963.3	932.7	902.1
145°	1057.8	998.9	992.2	965.6	938.9
147.5°	1081.2	1034.0	1027.5	1001.6	975.7
150°	1093.4	1052.4	1046.5	1023.1	999.7
152.5°	1101.4	1064.4	1060.0	1042.2	1024.4
155°	1119.0	1090.7	1087.5	1074.3	1061.2
157.5°	1136.6	1117.1	1114.0	1101.1	1088.3
160°	1144.5	1129.1	1126.6	1116.7	1106.8
162.5°	1153.1	1141.9	1140.0	1132.6	1125.1
165°	1165.3	1160.2	1158.5	1151.9	1145.1
167.5°	1174.9	1170.7	1169.9	1166.7	1163.5
170°	1182.9	1182.6	1181.9	1178.6	1175.5
172.5°	1183.5	1183.5	1183.3	1182.5	1181.9
175°	1188.3	1190.7	1190.7	1190.7	1190.7
177.5°	1188.8	1190.7	1190.7	1190.7	1190.7
180°	1190.7	1190.7	1190.7	1190.7	1190.7



TEST NUMBER: P935837

CATALOG NUMBER: SQ4-FA-150U-050D-92765-1D-UNV-STD-W-6-2700K

**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	7.59	8.25	8.75	9.40	11.00	10.41	11.08	11.57	12.22	13.83
	3H	8.05	8.65	9.22	9.80	11.42	11.74	12.34	12.91	13.49	15.11
	4H	8.23	8.80	9.41	9.95	11.58	12.18	12.74	13.35	13.89	15.52
	6H	8.34	8.86	9.52	10.01	11.65	12.45	12.97	13.63	14.12	15.76
	8H	8.34	8.83	9.52	10.00	11.63	12.52	13.01	13.70	14.18	15.81
	12H	8.30	8.77	9.49	9.93	11.58	12.55	13.02	13.73	14.18	15.83
4H	2H	8.60	9.16	9.78	10.31	11.94	10.80	11.36	11.98	12.52	14.14
	3H	9.60	10.08	10.79	11.25	12.89	12.28	12.76	13.47	13.93	15.57
	4H	9.87	10.31	11.06	11.47	13.13	12.80	13.24	13.99	14.40	16.06
	6H	9.99	10.36	11.18	11.54	13.19	13.16	13.53	14.35	14.71	16.36
	8H	9.99	10.33	11.18	11.51	13.17	13.26	13.60	14.45	14.78	16.44
	12H	9.94	10.26	11.15	11.45	13.12	13.30	13.62	14.51	14.81	16.47
8H	4H	10.31	10.66	11.50	11.83	13.50	12.91	13.26	14.10	14.44	16.10
	6H	10.56	10.85	11.77	12.07	13.73	13.34	13.62	14.55	14.84	16.50
	8H	10.60	10.85	11.82	12.05	13.73	13.49	13.74	14.70	14.93	16.61
	12H	10.58	10.80	11.79	11.99	13.70	13.58	13.79	14.79	14.99	16.70
12H	4H	10.31	10.62	11.51	11.81	13.48	12.87	13.18	14.07	14.37	16.04
	6H	10.62	10.87	11.83	12.07	13.75	13.33	13.58	14.55	14.78	16.46
	8H	10.68	10.90	11.90	12.09	13.80	13.49	13.70	14.70	14.90	16.61