

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: P935343

Luminaire Tested: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-8-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935343
REPORT IS A COMBINATION OF REPORTS P933752 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-8-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

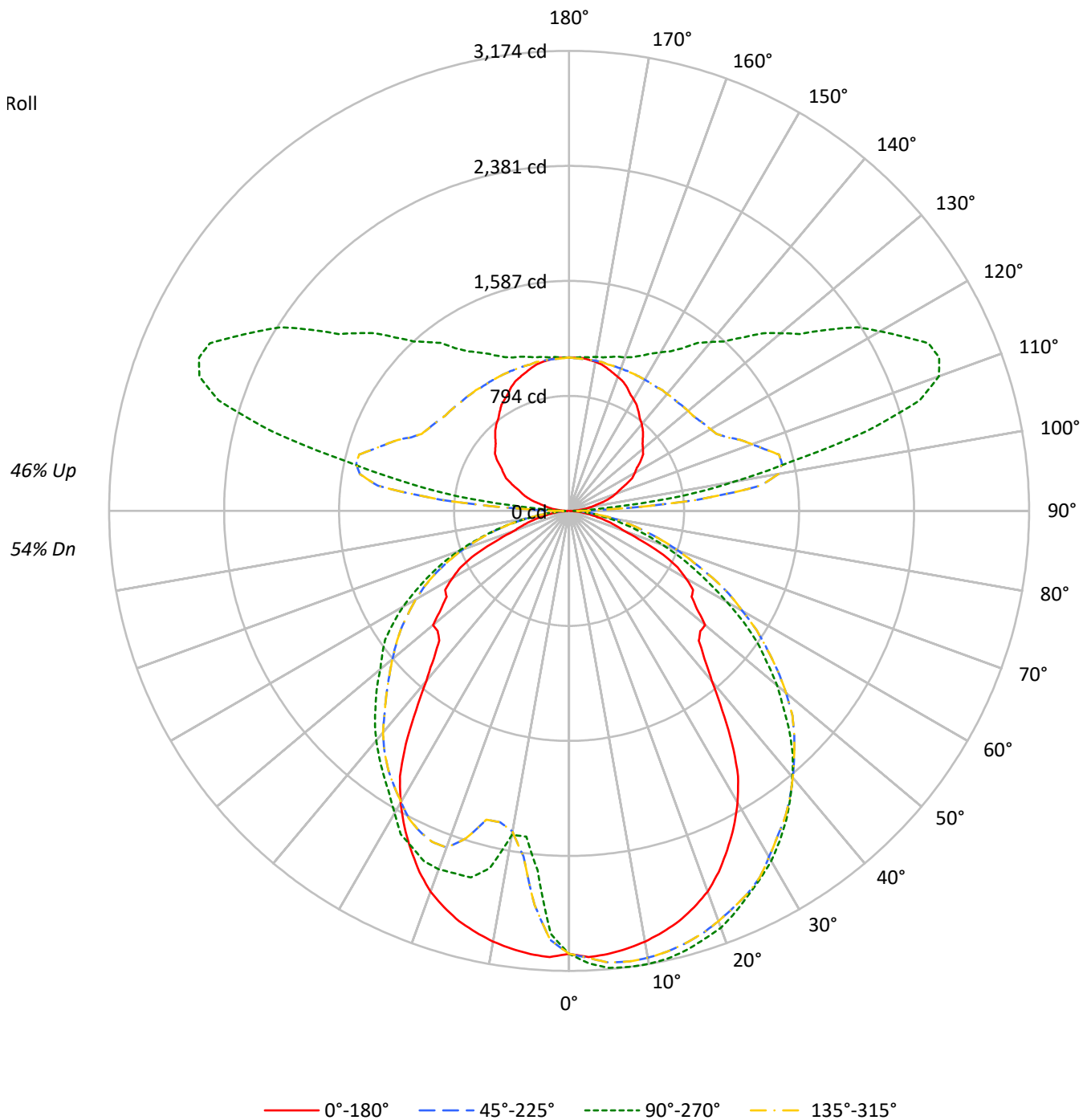
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14789.3 lumens
Efficiency: N/A
Efficacy: 107.5 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 137.6
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





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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	50	30	10	0
RCR																					
0	108	108	108	108	100	100	100	100	85	85	85	72	72	72	59	59	59	54			
1	99	94	90	87	91	88	84	81	75	73	70	63	62	60	53	51	50	45			
2	90	82	76	71	83	77	71	67	66	62	58	56	53	50	46	44	42	38			
3	82	72	65	59	76	67	61	56	58	53	49	49	46	42	41	38	36	32			
4	75	64	56	50	69	60	53	47	51	46	42	44	40	36	37	34	31	28			
5	69	57	49	43	64	53	46	41	46	40	36	39	35	31	33	30	27	24			
6	63	51	43	37	59	48	41	35	41	36	31	35	31	28	30	26	24	21			
7	59	46	38	33	54	43	36	31	38	32	28	32	28	24	27	24	21	19			
8	54	42	34	29	50	39	32	27	34	29	24	29	25	22	25	22	19	17			
9	51	38	31	26	47	36	29	24	31	26	22	27	23	19	23	20	17	15			
10	47	35	28	23	44	33	26	22	29	23	20	25	21	18	21	18	15	13			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14176	14176	14176	14176
5°	14281	14310	14281	11252
10°	14186	14096	14186	10078
15°	14032	13790	14032	11515
20°	13738	13428	13738	11539
25°	13138	12901	13138	11295
30°	12362	12463	12362	10758
35°	11020	11909	11020	10168
40°	9182	11256	9182	9722
45°	8205	10493	8205	9209
50°	8716	9582	8716	8695
55°	8201	8601	8201	8398
60°	8453	7305	8453	7691
65°	7665	6039	7665	6750
70°	5308	4812	5308	5658
75°	4653	3557	4653	4259
80°	3750	2352	3750	2561
85°	2152	1245	2152	1059

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 12575 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	275.8	1.9
10°-20°	783.1	5.3
20°-30°	1210.5	8.2
30°-40°	1445.1	9.8
40°-50°	1453.5	9.8
50°-60°	1264.8	8.6
60°-70°	896.7	6.1
70°-80°	474.4	3.2
80°-90°	122.2	0.8
90°-100°	516.1	3.5
100°-110°	1356.8	9.2
110°-120°	1406.8	9.5
120°-130°	1128.4	7.6
130°-140°	885.4	6.0
140°-150°	679.6	4.6
150°-160°	489.4	3.3
160°-170°	299.5	2.0
170°-180°	101.2	0.7
0°-30°	2269.4	15.3
0°-40°	3714.4	25.1
0°-60°	6432.7	43.5
0°-90°	7926.1	53.6
90°-120°	3279.7	22.2
90°-150°	5973.1	40.4
90°-180°	6863.0	46.4
0°-180°	14789.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3055	3055	3055	3055	3055	
5°	3070	3165	3070	2489	3070	291
15°	2931	3136	2931	2619	2931	825
25°	2581	2925	2581	2561	2581	1185
35°	1963	2610	1963	2229	1963	1214
45°	1266	2151	1266	1888	1266	1014
55°	1032	1587	1032	1549	1032	948
65°	717	957	717	1070	717	685
75°	272	454	272	543	272	286
85°	46	116	46	98	46	62
90°	7	27	7	27	7	8
95°	68	312	68	312	68	76
105°	244	2124	244	2124	244	259
115°	434	2736	434	2736	434	429
125°	604	2178	604	2178	604	536
135°	720	1690	720	1690	720	557
145°	835	1371	835	1371	835	523
155°	944	1181	944	1181	944	434
165°	1018	1100	1018	1100	1018	287
175°	1059	1066	1059	1066	1059	100
180°	1059	1059	1059	1059	1059	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4
2.5°	3081.4	3081.4	3098.7	3104.5	3104.5	3095.9	3087.2	3095.9	3121.8	3130.5	3127.6
5°	3069.8	3093.0	3124.7	3130.5	3136.3	3133.5	3127.6	3133.5	3162.3	3168.1	3171.0
7.5°	3046.7	3090.1	3130.5	3139.2	3147.9	3139.2	3136.3	3142.1	3171.0	3176.8	3176.8
10°	3017.8	3078.5	3124.7	3130.5	3139.2	3130.5	3130.5	3142.1	3171.0	3176.8	3179.7
12.5°	2977.3	3061.1	3104.5	3110.3	3121.8	3118.9	3116.1	3127.6	3156.5	3162.3	3162.3
15°	2931.1	3029.3	3069.8	3075.6	3095.9	3090.1	3090.1	3101.6	3133.5	3142.1	3139.2
17.5°	2867.5	2988.9	3035.1	3043.8	3058.3	3055.4	3058.3	3069.8	3098.7	3104.5	3107.4
20°	2795.2	2933.9	2988.9	2997.6	3012.0	3012.0	3012.0	3026.4	3055.4	3066.9	3066.9
22.5°	2696.9	2876.2	2933.9	2939.7	2957.1	2957.1	2962.9	2983.1	3009.1	3012.0	3012.0
25°	2581.3	2812.6	2861.7	2879.0	2896.3	2905.1	2913.8	2925.3	2933.9	2931.1	2933.9
27.5°	2459.9	2731.6	2795.2	2806.8	2829.9	2838.6	2850.1	2853.0	2855.9	2864.6	2858.8
30°	2324.1	2618.9	2714.2	2725.9	2763.4	2769.2	2757.6	2763.4	2777.9	2783.7	2789.4
32.5°	2170.9	2451.3	2630.5	2656.5	2691.2	2673.8	2670.9	2679.6	2702.7	2702.7	2708.5
35°	1962.7	2321.2	2552.4	2575.5	2601.5	2581.3	2592.9	2595.8	2610.2	2618.9	2616.0
37.5°	1734.4	2208.4	2471.5	2488.8	2509.1	2483.0	2500.4	2509.1	2520.6	2514.8	2514.8
40°	1532.0	2032.1	2376.1	2387.6	2405.0	2384.7	2402.1	2407.9	2413.7	2407.9	2405.0
42.5°	1381.7	1838.4	2274.9	2289.3	2277.8	2292.2	2298.0	2309.6	2300.9	2289.3	2289.3
45°	1266.1	1786.4	2165.0	2182.4	2165.0	2188.2	2196.9	2196.9	2170.9	2165.0	2162.1
47.5°	1228.5	1682.3	2055.2	2055.2	2046.6	2075.4	2089.9	2069.6	2043.7	2035.0	2035.0
50°	1225.6	1566.7	1904.9	1893.3	1933.8	1968.5	1954.1	1933.8	1913.6	1881.8	1881.8
52.5°	1112.8	1425.0	1711.2	1754.6	1818.2	1838.4	1815.3	1795.0	1760.4	1745.9	1734.4
55°	1032.0	1277.7	1535.0	1621.6	1688.1	1714.1	1670.8	1650.5	1598.5	1589.9	1584.1
57.5°	1014.6	1063.7	1373.0	1482.9	1563.8	1560.9	1535.0	1497.4	1454.0	1445.3	1442.5
60°	930.7	768.9	1199.6	1329.7	1413.5	1404.9	1381.7	1347.0	1306.6	1300.8	1295.0
62.5°	844.0	557.9	1003.0	1150.4	1269.0	1266.1	1245.8	1193.8	1164.9	1150.4	1138.9
65°	716.9	468.3	714.0	956.8	1127.4	1133.1	1089.8	1052.2	1020.3	1003.0	1000.2
67.5°	546.3	381.5	482.8	797.8	991.5	985.7	930.7	913.4	873.0	864.3	847.0
70°	404.7	254.4	335.3	647.5	858.5	844.0	800.7	780.5	742.9	722.7	711.1
72.5°	335.3	205.2	245.7	503.0	722.7	705.3	667.8	644.6	612.8	595.5	583.9
75°	271.7	216.8	187.9	372.9	586.8	575.3	540.6	517.4	491.4	468.3	471.1
77.5°	199.4	202.3	150.3	274.6	465.4	448.1	427.8	398.9	387.3	364.2	364.2
80°	150.3	159.0	112.7	187.9	335.3	335.3	318.0	297.7	277.5	266.0	266.0
82.5°	101.1	101.1	83.8	118.6	228.4	219.7	208.2	202.3	190.8	185.0	185.0
85°	46.2	57.8	52.0	72.3	124.3	130.1	130.1	124.3	121.4	115.6	118.6
87.5°	14.4	26.1	31.8	40.5	63.6	66.5	69.4	69.4	69.4	72.3	72.3
90°	7.1	12.8	18.4	19.9	31.3	46.4	54.0	48.0	36.0	27.0	27.0
92.5°	28.4	76.8	125.1	137.2	192.8	267.0	304.1	266.5	191.4	135.0	129.7
95°	68.2	156.6	245.0	267.2	474.4	750.7	888.9	793.2	601.8	458.3	442.1
97.5°	118.0	195.9	274.0	293.5	639.1	1099.8	1330.1	1269.7	1148.7	1058.0	1027.1
100°	156.3	227.0	297.8	315.5	698.9	1210.2	1465.9	1470.3	1479.1	1485.8	1448.9
102.5°	189.0	255.0	321.0	337.5	726.4	1244.9	1504.2	1581.2	1735.4	1851.0	1819.4
105°	244.5	300.3	356.2	370.2	746.8	1248.9	1499.9	1672.6	2018.1	2277.3	2260.3
107.5°	301.3	353.4	405.5	418.5	750.6	1193.3	1414.7	1655.6	2137.5	2498.9	2503.0
110°	339.6	386.7	433.7	445.5	744.9	1144.0	1343.6	1613.0	2151.7	2555.8	2573.5



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	377.3	422.1	467.0	478.2	745.1	1101.1	1279.0	1554.7	2106.0	2519.6	2546.8
115°	434.2	475.5	516.9	527.3	752.0	1051.7	1201.5	1467.1	1998.3	2396.7	2434.4
117.5°	490.3	527.9	565.4	574.8	766.0	1020.8	1148.2	1387.9	1867.3	2226.8	2268.6
120°	523.0	558.3	593.7	602.5	777.3	1010.4	1126.9	1345.9	1783.9	2112.4	2153.0
122.5°	554.9	590.6	626.3	635.2	793.7	1004.9	1110.5	1307.8	1702.2	1998.1	2038.1
125°	604.0	636.5	669.0	677.2	815.7	1000.4	1092.8	1260.4	1595.4	1846.7	1883.6
127.5°	643.8	676.6	709.4	717.6	837.7	997.9	1077.9	1221.7	1509.4	1725.2	1756.3
130°	665.0	700.4	735.7	744.6	853.8	999.4	1072.2	1200.2	1456.4	1648.5	1677.2
132.5°	687.1	722.4	757.8	766.7	866.9	1000.4	1067.2	1181.9	1411.1	1583.0	1608.8
135°	719.8	752.0	784.3	792.3	881.1	999.5	1058.7	1154.7	1346.7	1490.7	1512.9
137.5°	753.2	785.0	817.0	824.9	902.4	1005.7	1057.2	1138.4	1300.8	1422.5	1440.7
140°	780.8	810.2	839.6	847.0	915.4	1006.7	1052.3	1122.4	1262.7	1367.8	1384.8
142.5°	802.2	829.4	856.5	863.3	926.3	1010.3	1052.3	1113.9	1237.0	1329.5	1344.1
145°	834.9	858.6	882.3	888.2	940.6	1010.3	1045.2	1095.6	1196.3	1271.9	1282.9
147.5°	867.5	890.6	913.7	919.5	961.4	1017.3	1045.2	1084.8	1164.1	1223.5	1232.7
150°	888.9	909.7	930.6	935.8	972.3	1020.9	1045.2	1078.7	1145.6	1195.9	1203.3
152.5°	910.9	926.7	942.5	946.5	979.3	1023.2	1045.2	1073.8	1131.0	1173.8	1179.5
155°	943.6	955.3	967.0	969.9	995.0	1028.5	1045.2	1067.9	1113.4	1147.5	1151.2
157.5°	967.7	979.1	990.5	993.4	1010.6	1033.7	1045.2	1062.9	1098.2	1124.8	1127.4
160°	984.1	993.0	1001.8	1004.0	1017.8	1036.1	1045.2	1060.4	1090.7	1113.4	1115.0
162.5°	1000.4	1007.1	1013.8	1015.4	1025.3	1038.5	1045.2	1058.0	1083.5	1102.8	1104.2
165°	1018.2	1024.2	1030.2	1031.7	1036.2	1042.2	1045.2	1054.3	1072.7	1086.5	1088.0
167.5°	1034.5	1037.3	1040.2	1040.9	1044.7	1049.7	1052.3	1058.3	1070.3	1079.3	1079.9
170°	1045.2	1048.0	1050.9	1051.6	1051.9	1052.1	1052.3	1058.3	1070.3	1079.3	1079.3
172.5°	1050.9	1051.5	1052.1	1052.3	1052.3	1052.3	1052.3	1057.1	1066.5	1073.6	1073.1
175°	1058.7	1058.7	1058.7	1058.7	1056.6	1053.7	1052.3	1055.3	1061.3	1065.8	1065.8
177.5°	1058.7	1058.7	1058.7	1058.7	1057.1	1054.8	1053.7	1056.1	1060.8	1064.4	1063.8
180°	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4
2.5°	3133.5	3124.7	3133.5	3127.6	3130.5	3121.8	3095.9	3087.2	3095.9	3104.5	3104.5
5°	3171.0	3165.2	3171.0	3171.0	3168.1	3162.3	3133.5	3127.6	3133.5	3136.3	3130.5
7.5°	3182.6	3173.9	3182.6	3176.8	3176.8	3171.0	3142.1	3136.3	3139.2	3147.9	3139.2
10°	3182.6	3173.9	3182.6	3179.7	3176.8	3171.0	3142.1	3130.5	3130.5	3139.2	3130.5
12.5°	3168.1	3162.3	3168.1	3162.3	3162.3	3156.5	3127.6	3116.1	3118.9	3121.8	3110.3
15°	3145.0	3136.3	3145.0	3139.2	3142.1	3133.5	3101.6	3090.1	3090.1	3095.9	3075.6
17.5°	3110.3	3098.7	3110.3	3107.4	3104.5	3098.7	3069.8	3058.3	3055.4	3058.3	3043.8
20°	3069.8	3061.1	3069.8	3066.9	3066.9	3055.4	3026.4	3012.0	3012.0	3012.0	2997.6
22.5°	3006.2	2997.6	3006.2	3012.0	3012.0	3009.1	2983.1	2962.9	2957.1	2957.1	2939.7
25°	2933.9	2925.3	2933.9	2933.9	2931.1	2933.9	2925.3	2913.8	2905.1	2896.3	2879.0
27.5°	2864.6	2858.8	2864.6	2858.8	2864.6	2855.9	2853.0	2850.1	2838.6	2829.9	2806.8
30°	2795.2	2789.4	2795.2	2789.4	2783.7	2777.9	2763.4	2757.6	2769.2	2763.4	2725.9
32.5°	2708.5	2702.7	2708.5	2708.5	2702.7	2702.7	2679.6	2670.9	2673.8	2691.2	2656.5
35°	2618.9	2610.2	2618.9	2616.0	2618.9	2610.2	2595.8	2592.9	2581.3	2601.5	2575.5
37.5°	2514.8	2506.2	2514.8	2514.8	2514.8	2520.6	2509.1	2500.4	2483.0	2509.1	2488.8
40°	2407.9	2396.3	2407.9	2405.0	2407.9	2413.7	2407.9	2402.1	2384.7	2405.0	2387.6
42.5°	2286.5	2283.6	2286.5	2289.3	2289.3	2300.9	2309.6	2298.0	2292.2	2277.8	2289.3
45°	2156.4	2150.6	2156.4	2162.1	2165.0	2170.9	2196.9	2196.9	2188.2	2165.0	2182.4
47.5°	2017.6	2003.2	2017.6	2035.0	2035.0	2043.7	2069.6	2089.9	2075.4	2046.6	2055.2
50°	1870.2	1873.1	1870.2	1881.8	1881.8	1913.6	1933.8	1954.1	1968.5	1933.8	1893.3
52.5°	1725.7	1722.8	1725.7	1734.4	1745.9	1760.4	1795.0	1815.3	1838.4	1818.2	1754.6
55°	1581.2	1587.0	1581.2	1584.1	1589.9	1598.5	1650.5	1670.8	1714.1	1688.1	1621.6
57.5°	1436.6	1427.9	1436.6	1442.5	1445.3	1454.0	1497.4	1535.0	1560.9	1563.8	1482.9
60°	1269.0	1257.4	1269.0	1295.0	1300.8	1306.6	1347.0	1381.7	1404.9	1413.5	1329.7
62.5°	1121.6	1101.3	1121.6	1138.9	1150.4	1164.9	1193.8	1245.8	1266.1	1269.0	1150.4
65°	965.4	956.8	965.4	1000.2	1003.0	1020.3	1052.2	1089.8	1133.1	1127.4	956.8
67.5°	823.8	823.8	823.8	847.0	864.3	873.0	913.4	930.7	985.7	991.5	797.8
70°	693.7	690.8	693.7	711.1	722.7	742.9	780.5	800.7	844.0	858.5	647.5
72.5°	569.4	566.5	569.4	583.9	595.5	612.8	644.6	667.8	705.3	722.7	503.0
75°	459.6	453.8	459.6	471.1	468.3	491.4	517.4	540.6	575.3	586.8	372.9
77.5°	352.7	352.7	352.7	364.2	364.2	387.3	398.9	427.8	448.1	465.4	274.6
80°	263.1	260.2	263.1	266.0	266.0	277.5	297.7	318.0	335.3	335.3	187.9
82.5°	185.0	179.2	185.0	185.0	185.0	190.8	202.3	208.2	219.7	228.4	118.6
85°	115.6	115.6	115.6	118.6	115.6	121.4	124.3	130.1	130.1	124.3	72.3
87.5°	75.2	72.3	75.2	72.3	72.3	69.4	69.4	69.4	66.5	63.6	40.5
90°	27.0	27.0	27.0	27.0	27.0	36.0	48.0	54.0	46.4	31.3	19.9
92.5°	108.2	86.7	108.2	129.7	135.0	191.4	266.5	304.1	267.0	192.8	137.2
95°	377.0	311.9	377.0	442.1	458.3	601.8	793.2	888.9	750.7	474.4	267.2
97.5°	903.2	779.5	903.2	1027.1	1058.0	1148.7	1269.7	1330.1	1099.8	639.1	293.5
100°	1301.4	1153.9	1301.4	1448.9	1485.8	1479.1	1470.3	1465.9	1210.2	698.9	315.5
102.5°	1693.1	1566.7	1693.1	1819.4	1851.0	1735.4	1581.2	1504.2	1244.9	726.4	337.5
105°	2192.4	2124.5	2192.4	2260.3	2277.3	2018.1	1672.6	1499.9	1248.9	746.8	370.2
107.5°	2519.5	2535.9	2519.5	2503.0	2498.9	2137.5	1655.6	1414.7	1193.3	750.6	418.5
110°	2644.2	2714.9	2644.2	2573.5	2555.8	2151.7	1613.0	1343.6	1144.0	744.9	445.5



TEST NUMBER: P935343

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2655.3	2764.0	2655.3	2546.8	2519.6	2106.0	1554.7	1279.0	1101.1	745.1	478.2
115°	2584.9	2735.6	2584.9	2434.4	2396.7	1998.3	1467.1	1201.5	1051.7	752.0	527.3
117.5°	2435.6	2602.7	2435.6	2268.6	2226.8	1867.3	1387.9	1148.2	1020.8	766.0	574.8
120°	2315.4	2477.7	2315.4	2153.0	2112.4	1783.9	1345.9	1126.9	1010.4	777.3	602.5
122.5°	2198.2	2358.2	2198.2	2038.1	1998.1	1702.2	1307.8	1110.5	1004.9	793.7	635.2
125°	2031.0	2178.5	2031.0	1883.6	1846.7	1595.4	1260.4	1092.8	1000.4	815.7	677.2
127.5°	1880.7	2005.2	1880.7	1756.3	1725.2	1509.4	1221.7	1077.9	997.9	837.7	717.6
130°	1792.1	1907.1	1792.1	1677.2	1648.5	1456.4	1200.2	1072.2	999.4	853.8	744.6
132.5°	1711.8	1814.7	1711.8	1608.8	1583.0	1411.1	1181.9	1067.2	1000.4	866.9	766.7
135°	1601.7	1690.4	1601.7	1512.9	1490.7	1346.7	1154.7	1058.7	999.5	881.1	792.3
137.5°	1513.3	1585.9	1513.3	1440.7	1422.5	1300.8	1138.4	1057.2	1005.7	902.4	824.9
140°	1452.6	1520.5	1452.6	1384.8	1367.8	1262.7	1122.4	1052.3	1006.7	915.4	847.0
142.5°	1402.5	1460.9	1402.5	1344.1	1329.5	1237.0	1113.9	1052.3	1010.3	926.3	863.3
145°	1327.1	1371.3	1327.1	1282.9	1271.9	1196.3	1095.6	1045.2	1010.3	940.6	888.2
147.5°	1269.3	1306.0	1269.3	1232.7	1223.5	1164.1	1084.8	1045.2	1017.3	961.4	919.5
150°	1232.9	1262.7	1232.9	1203.3	1195.9	1145.6	1078.7	1045.2	1020.9	972.3	935.8
152.5°	1201.8	1224.2	1201.8	1179.5	1173.8	1131.0	1073.8	1045.2	1023.2	979.3	946.5
155°	1166.1	1180.9	1166.1	1151.2	1147.5	1113.4	1067.9	1045.2	1028.5	995.0	969.9
157.5°	1137.8	1148.2	1137.8	1127.4	1124.8	1098.2	1062.9	1045.2	1033.7	1010.6	993.4
160°	1121.0	1126.9	1121.0	1115.0	1113.4	1090.7	1060.4	1045.2	1036.1	1017.8	1004.0
162.5°	1109.9	1115.6	1109.9	1104.2	1102.8	1083.5	1058.0	1045.2	1038.5	1025.3	1015.4
165°	1094.0	1099.9	1094.0	1088.0	1086.5	1072.7	1054.3	1045.2	1042.2	1036.2	1031.7
167.5°	1082.4	1085.0	1082.4	1079.9	1079.3	1070.3	1058.3	1052.3	1049.7	1044.7	1040.9
170°	1079.3	1079.3	1079.3	1079.3	1079.3	1070.3	1058.3	1052.3	1052.1	1051.9	1051.6
172.5°	1070.9	1068.7	1070.9	1073.1	1073.6	1066.5	1057.1	1052.3	1052.3	1052.3	1052.3
175°	1065.8	1065.8	1065.8	1065.8	1065.8	1061.3	1055.3	1052.3	1053.7	1056.6	1058.7
177.5°	1061.3	1058.7	1061.3	1063.8	1064.4	1060.8	1056.1	1053.7	1054.8	1057.1	1058.7
180°	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7



TEST NUMBER: P935343

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4
2.5°	3098.7	3081.4	3081.4	3052.5	3041.0	3032.2	3017.8	2974.4	2962.9	2951.3	2968.7
5°	3124.7	3093.0	3069.8	3017.8	2974.4	2957.1	2902.2	2798.1	2728.8	2676.7	2647.8
7.5°	3130.5	3090.1	3046.7	2965.8	2861.7	2815.5	2647.8	2457.0	2405.0	2358.8	2329.8
10°	3124.7	3078.5	3017.8	2896.3	2650.7	2569.7	2402.1	2277.8	2246.0	2237.3	2246.0
12.5°	3104.5	3061.1	2977.3	2775.0	2431.0	2376.1	2277.8	2205.5	2199.7	2214.2	2292.2
15°	3069.8	3029.3	2931.1	2613.1	2309.6	2269.2	2199.7	2173.8	2205.5	2306.7	2540.9
17.5°	3035.1	2988.9	2867.5	2454.2	2217.1	2188.2	2139.1	2191.1	2370.3	2506.2	2584.2
20°	2988.9	2933.9	2795.2	2338.5	2150.6	2124.6	2101.5	2335.6	2471.5	2520.6	2564.0
22.5°	2933.9	2876.2	2696.9	2257.5	2081.3	2061.0	2075.4	2416.6	2471.5	2506.2	2543.8
25°	2861.7	2812.6	2581.3	2194.0	2026.3	2003.2	2058.1	2407.9	2439.6	2448.4	2523.5
27.5°	2795.2	2731.6	2459.9	2136.2	1959.8	1951.2	2072.5	2370.3	2393.4	2402.1	2483.0
30°	2714.2	2618.9	2324.1	2075.4	1890.4	1887.5	2075.4	2324.1	2318.3	2341.4	2422.3
32.5°	2630.5	2451.3	2170.9	2000.3	1824.0	1821.1	2055.2	2254.6	2248.9	2280.7	2341.4
35°	2552.4	2321.2	1962.7	1913.6	1740.1	1743.0	2006.1	2173.8	2176.7	2205.5	2243.1
37.5°	2471.5	2208.4	1734.4	1818.2	1659.2	1659.2	1939.6	2098.6	2092.8	2101.5	2153.5
40°	2376.1	2032.1	1532.0	1693.9	1584.1	1575.4	1858.7	2017.6	1997.4	1994.6	2066.8
42.5°	2274.9	1838.4	1381.7	1529.1	1497.4	1485.8	1760.4	1919.4	1881.8	1890.4	1982.9
45°	2165.0	1786.4	1266.1	1292.1	1407.7	1399.1	1653.4	1806.7	1780.6	1803.7	1899.2
47.5°	2055.2	1682.3	1228.5	1072.4	1312.4	1309.5	1535.0	1696.8	1682.3	1705.4	1806.7
50°	1904.9	1566.7	1225.6	919.2	1205.3	1217.0	1393.3	1589.9	1589.9	1610.0	1717.1
52.5°	1711.2	1425.0	1112.8	832.5	1081.1	1115.7	1269.0	1497.4	1503.1	1523.3	1618.7
55°	1535.0	1277.7	1032.0	766.0	933.6	1008.8	1147.6	1402.0	1413.5	1433.7	1520.4
57.5°	1373.0	1063.7	1014.6	688.0	797.8	870.1	1040.6	1309.5	1315.2	1332.6	1416.4
60°	1199.6	768.9	930.7	604.1	679.3	734.2	942.4	1199.6	1219.9	1231.4	1303.7
62.5°	1003.0	557.9	844.0	546.3	621.5	633.1	861.4	1095.5	1121.6	1130.3	1173.6
65°	714.0	468.3	716.9	497.2	560.7	563.6	774.7	988.6	1011.7	1026.1	1057.9
67.5°	482.8	381.5	546.3	450.9	514.5	517.4	690.8	864.3	896.1	907.7	927.9
70°	335.3	254.4	404.7	401.8	462.5	468.3	601.2	751.5	780.5	789.1	800.7
72.5°	245.7	205.2	335.3	361.3	407.6	413.4	508.7	624.4	653.2	661.9	667.8
75°	187.9	216.8	271.7	315.1	346.9	349.8	416.2	508.7	529.0	534.8	537.7
77.5°	150.3	202.3	199.4	254.4	283.3	277.5	326.6	393.2	410.5	410.5	410.5
80°	112.7	159.0	150.3	182.1	208.2	202.3	234.1	280.4	286.1	291.9	289.0
82.5°	83.8	101.1	101.1	115.6	138.7	133.0	156.1	182.1	182.1	182.1	187.9
85°	52.0	57.8	46.2	60.7	78.1	75.2	86.7	98.3	101.1	101.1	95.4
87.5°	31.8	26.1	14.4	23.1	34.7	34.7	40.5	43.4	40.5	40.5	40.5
90°	18.4	12.8	7.1	12.8	18.4	19.9	31.3	46.4	54.0	48.0	36.0
92.5°	125.1	76.8	28.4	76.8	125.1	137.2	192.8	267.0	304.1	266.5	191.4
95°	245.0	156.6	68.2	156.6	245.0	267.2	474.4	750.7	888.9	793.2	601.8
97.5°	274.0	195.9	118.0	195.9	274.0	293.5	639.1	1099.8	1330.1	1269.7	1148.7
100°	297.8	227.0	156.3	227.0	297.8	315.5	698.9	1210.2	1465.9	1470.3	1479.1
102.5°	321.0	255.0	189.0	255.0	321.0	337.5	726.4	1244.9	1504.2	1581.2	1735.4
105°	356.2	300.3	244.5	300.3	356.2	370.2	746.8	1248.9	1499.9	1672.6	2018.1
107.5°	405.5	353.4	301.3	353.4	405.5	418.5	750.6	1193.3	1414.7	1655.6	2137.5
110°	433.7	386.7	339.6	386.7	433.7	445.5	744.9	1144.0	1343.6	1613.0	2151.7



TEST NUMBER: P935343

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	467.0	422.1	377.3	422.1	467.0	478.2	745.1	1101.1	1279.0	1554.7	2106.0
115°	516.9	475.5	434.2	475.5	516.9	527.3	752.0	1051.7	1201.5	1467.1	1998.3
117.5°	565.4	527.9	490.3	527.9	565.4	574.8	766.0	1020.8	1148.2	1387.9	1867.3
120°	593.7	558.3	523.0	558.3	593.7	602.5	777.3	1010.4	1126.9	1345.9	1783.9
122.5°	626.3	590.6	554.9	590.6	626.3	635.2	793.7	1004.9	1110.5	1307.8	1702.2
125°	669.0	636.5	604.0	636.5	669.0	677.2	815.7	1000.4	1092.8	1260.4	1595.4
127.5°	709.4	676.6	643.8	676.6	709.4	717.6	837.7	997.9	1077.9	1221.7	1509.4
130°	735.7	700.4	665.0	700.4	735.7	744.6	853.8	999.4	1072.2	1200.2	1456.4
132.5°	757.8	722.4	687.1	722.4	757.8	766.7	866.9	1000.4	1067.2	1181.9	1411.1
135°	784.3	752.0	719.8	752.0	784.3	792.3	881.1	999.5	1058.7	1154.7	1346.7
137.5°	817.0	785.0	753.2	785.0	817.0	824.9	902.4	1005.7	1057.2	1138.4	1300.8
140°	839.6	810.2	780.8	810.2	839.6	847.0	915.4	1006.7	1052.3	1122.4	1262.7
142.5°	856.5	829.4	802.2	829.4	856.5	863.3	926.3	1010.3	1052.3	1113.9	1237.0
145°	882.3	858.6	834.9	858.6	882.3	888.2	940.6	1010.3	1045.2	1095.6	1196.3
147.5°	913.7	890.6	867.5	890.6	913.7	919.5	961.4	1017.3	1045.2	1084.8	1164.1
150°	930.6	909.7	888.9	909.7	930.6	935.8	972.3	1020.9	1045.2	1078.7	1145.6
152.5°	942.5	926.7	910.9	926.7	942.5	946.5	979.3	1023.2	1045.2	1073.8	1131.0
155°	967.0	955.3	943.6	955.3	967.0	969.9	995.0	1028.5	1045.2	1067.9	1113.4
157.5°	990.5	979.1	967.7	979.1	990.5	993.4	1010.6	1033.7	1045.2	1062.9	1098.2
160°	1001.8	993.0	984.1	993.0	1001.8	1004.0	1017.8	1036.1	1045.2	1060.4	1090.7
162.5°	1013.8	1007.1	1000.4	1007.1	1013.8	1015.4	1025.3	1038.5	1045.2	1058.0	1083.5
165°	1030.2	1024.2	1018.2	1024.2	1030.2	1031.7	1036.2	1042.2	1045.2	1054.3	1072.7
167.5°	1040.2	1037.3	1034.5	1037.3	1040.2	1040.9	1044.7	1049.7	1052.3	1058.3	1070.3
170°	1050.9	1048.0	1045.2	1048.0	1050.9	1051.6	1051.9	1052.1	1052.3	1058.3	1070.3
172.5°	1052.1	1051.5	1050.9	1051.5	1052.1	1052.3	1052.3	1052.3	1052.3	1057.1	1066.5
175°	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1056.6	1053.7	1052.3	1055.3	1061.3
177.5°	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1057.1	1054.8	1053.7	1056.1	1060.8
180°	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7



TEST NUMBER: P935343

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4
2.5°	2948.4	2939.7	2951.3	2919.5	2951.3	2939.7	2948.4	2968.7	2951.3	2962.9	2974.4
5°	2587.1	2572.6	2526.4	2488.8	2526.4	2572.6	2587.1	2647.8	2676.7	2728.8	2798.1
7.5°	2312.5	2300.9	2289.3	2266.3	2289.3	2300.9	2312.5	2329.8	2358.8	2405.0	2457.0
10°	2251.8	2254.6	2272.0	2269.2	2272.0	2254.6	2251.8	2246.0	2237.3	2246.0	2277.8
12.5°	2407.9	2433.9	2529.2	2523.5	2529.2	2433.9	2407.9	2292.2	2214.2	2199.7	2205.5
15°	2587.1	2595.8	2616.0	2618.9	2616.0	2595.8	2587.1	2540.9	2306.7	2205.5	2173.8
17.5°	2604.4	2607.3	2621.7	2621.7	2621.7	2607.3	2604.4	2584.2	2506.2	2370.3	2191.1
20°	2590.0	2595.8	2624.6	2630.5	2624.6	2595.8	2590.0	2564.0	2520.6	2471.5	2335.6
22.5°	2584.2	2595.8	2618.9	2616.0	2618.9	2595.8	2584.2	2543.8	2506.2	2471.5	2416.6
25°	2555.3	2555.3	2558.2	2561.1	2558.2	2555.3	2555.3	2523.5	2448.4	2439.6	2407.9
27.5°	2494.6	2500.4	2517.7	2514.8	2517.7	2500.4	2494.6	2483.0	2402.1	2393.4	2370.3
30°	2439.6	2433.9	2419.4	2407.9	2419.4	2433.9	2439.6	2422.3	2341.4	2318.3	2324.1
32.5°	2347.1	2332.7	2318.3	2309.6	2318.3	2332.7	2347.1	2341.4	2280.7	2248.9	2254.6
35°	2237.3	2240.2	2237.3	2228.7	2237.3	2240.2	2237.3	2243.1	2205.5	2176.7	2173.8
37.5°	2159.3	2165.0	2162.1	2150.6	2162.1	2165.0	2159.3	2153.5	2101.5	2092.8	2098.6
40°	2078.3	2081.3	2078.3	2069.6	2078.3	2081.3	2078.3	2066.8	1994.6	1997.4	2017.6
42.5°	2000.3	1997.4	1988.8	1982.9	1988.8	1997.4	2000.3	1982.9	1890.4	1881.8	1919.4
45°	1910.7	1913.6	1896.2	1887.5	1896.2	1913.6	1910.7	1899.2	1803.7	1780.6	1806.7
47.5°	1821.1	1821.1	1806.7	1797.9	1806.7	1821.1	1821.1	1806.7	1705.4	1682.3	1696.8
50°	1725.7	1722.8	1702.5	1699.7	1702.5	1722.8	1725.7	1717.1	1610.0	1589.9	1589.9
52.5°	1615.8	1615.8	1618.7	1624.6	1618.7	1615.8	1615.8	1618.7	1523.3	1503.1	1497.4
55°	1520.4	1523.3	1543.6	1549.4	1543.6	1523.3	1520.4	1520.4	1433.7	1413.5	1402.0
57.5°	1422.2	1422.2	1436.6	1436.6	1436.6	1422.2	1422.2	1416.4	1332.6	1315.2	1309.5
60°	1309.5	1315.2	1326.8	1323.9	1326.8	1315.2	1309.5	1303.7	1231.4	1219.9	1199.6
62.5°	1190.9	1196.7	1199.6	1193.8	1199.6	1196.7	1190.9	1173.6	1130.3	1121.6	1095.5
65°	1066.6	1072.4	1075.3	1069.5	1075.3	1072.4	1066.6	1057.9	1026.1	1011.7	988.6
67.5°	939.5	936.6	933.6	945.3	933.6	936.6	939.5	927.9	907.7	896.1	864.3
70°	809.4	809.4	806.5	812.3	806.5	809.4	809.4	800.7	789.1	780.5	751.5
72.5°	670.7	667.8	679.3	670.7	679.3	667.8	670.7	667.8	661.9	653.2	624.4
75°	534.8	540.6	534.8	543.4	534.8	540.6	534.8	537.7	534.8	529.0	508.7
77.5°	407.6	413.4	407.6	407.6	407.6	413.4	407.6	410.5	410.5	410.5	393.2
80°	289.0	286.1	286.1	283.3	286.1	286.1	289.0	289.0	291.9	286.1	280.4
82.5°	185.0	182.1	182.1	187.9	182.1	182.1	185.0	187.9	182.1	182.1	182.1
85°	101.1	104.0	98.3	98.3	98.3	104.0	101.1	95.4	101.1	101.1	98.3
87.5°	37.6	34.7	34.7	34.7	34.7	34.7	37.6	40.5	40.5	40.5	43.4
90°	27.0	27.0	27.0	27.0	27.0	27.0	27.0	36.0	48.0	54.0	46.4
92.5°	135.0	129.7	108.2	86.7	108.2	129.7	135.0	191.4	266.5	304.1	267.0
95°	458.3	442.1	377.0	311.9	377.0	442.1	458.3	601.8	793.2	888.9	750.7
97.5°	1058.0	1027.1	903.2	779.5	903.2	1027.1	1058.0	1148.7	1269.7	1330.1	1099.8
100°	1485.8	1448.9	1301.4	1153.9	1301.4	1448.9	1485.8	1479.1	1470.3	1465.9	1210.2
102.5°	1851.0	1819.4	1693.1	1566.7	1693.1	1819.4	1851.0	1735.4	1581.2	1504.2	1244.9
105°	2277.3	2260.3	2192.4	2124.5	2192.4	2260.3	2277.3	2018.1	1672.6	1499.9	1248.9
107.5°	2498.9	2503.0	2519.5	2535.9	2519.5	2503.0	2498.9	2137.5	1655.6	1414.7	1193.3
110°	2555.8	2573.5	2644.2	2714.9	2644.2	2573.5	2555.8	2151.7	1613.0	1343.6	1144.0



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2519.6	2546.8	2655.3	2764.0	2655.3	2546.8	2519.6	2106.0	1554.7	1279.0	1101.1
115°	2396.7	2434.4	2584.9	2735.6	2584.9	2434.4	2396.7	1998.3	1467.1	1201.5	1051.7
117.5°	2226.8	2268.6	2435.6	2602.7	2435.6	2268.6	2226.8	1867.3	1387.9	1148.2	1020.8
120°	2112.4	2153.0	2315.4	2477.7	2315.4	2153.0	2112.4	1783.9	1345.9	1126.9	1010.4
122.5°	1998.1	2038.1	2198.2	2358.2	2198.2	2038.1	1998.1	1702.2	1307.8	1110.5	1004.9
125°	1846.7	1883.6	2031.0	2178.5	2031.0	1883.6	1846.7	1595.4	1260.4	1092.8	1000.4
127.5°	1725.2	1756.3	1880.7	2005.2	1880.7	1756.3	1725.2	1509.4	1221.7	1077.9	997.9
130°	1648.5	1677.2	1792.1	1907.1	1792.1	1677.2	1648.5	1456.4	1200.2	1072.2	999.4
132.5°	1583.0	1608.8	1711.8	1814.7	1711.8	1608.8	1583.0	1411.1	1181.9	1067.2	1000.4
135°	1490.7	1512.9	1601.7	1690.4	1601.7	1512.9	1490.7	1346.7	1154.7	1058.7	999.5
137.5°	1422.5	1440.7	1513.3	1585.9	1513.3	1440.7	1422.5	1300.8	1138.4	1057.2	1005.7
140°	1367.8	1384.8	1452.6	1520.5	1452.6	1384.8	1367.8	1262.7	1122.4	1052.3	1006.7
142.5°	1329.5	1344.1	1402.5	1460.9	1402.5	1344.1	1329.5	1237.0	1113.9	1052.3	1010.3
145°	1271.9	1282.9	1327.1	1371.3	1327.1	1282.9	1271.9	1196.3	1095.6	1045.2	1010.3
147.5°	1223.5	1232.7	1269.3	1306.0	1269.3	1232.7	1223.5	1164.1	1084.8	1045.2	1017.3
150°	1195.9	1203.3	1232.9	1262.7	1232.9	1203.3	1195.9	1145.6	1078.7	1045.2	1020.9
152.5°	1173.8	1179.5	1201.8	1224.2	1201.8	1179.5	1173.8	1131.0	1073.8	1045.2	1023.2
155°	1147.5	1151.2	1166.1	1180.9	1166.1	1151.2	1147.5	1113.4	1067.9	1045.2	1028.5
157.5°	1124.8	1127.4	1137.8	1148.2	1137.8	1127.4	1124.8	1098.2	1062.9	1045.2	1033.7
160°	1113.4	1115.0	1121.0	1126.9	1121.0	1115.0	1113.4	1090.7	1060.4	1045.2	1036.1
162.5°	1102.8	1104.2	1109.9	1115.6	1109.9	1104.2	1102.8	1083.5	1058.0	1045.2	1038.5
165°	1086.5	1088.0	1094.0	1099.9	1094.0	1088.0	1086.5	1072.7	1054.3	1045.2	1042.2
167.5°	1079.3	1079.9	1082.4	1085.0	1082.4	1079.9	1079.3	1070.3	1058.3	1052.3	1049.7
170°	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1070.3	1058.3	1052.3	1052.1
172.5°	1073.6	1073.1	1070.9	1068.7	1070.9	1073.1	1073.6	1066.5	1057.1	1052.3	1052.3
175°	1065.8	1065.8	1065.8	1065.8	1065.8	1065.8	1065.8	1061.3	1055.3	1052.3	1053.7
177.5°	1064.4	1063.8	1061.3	1058.7	1061.3	1063.8	1064.4	1060.8	1056.1	1053.7	1054.8
180°	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3055.4	3055.4	3055.4	3055.4	3055.4
2.5°	3017.8	3032.2	3041.0	3052.5	3081.4
5°	2902.2	2957.1	2974.4	3017.8	3069.8
7.5°	2647.8	2815.5	2861.7	2965.8	3046.7
10°	2402.1	2569.7	2650.7	2896.3	3017.8
12.5°	2277.8	2376.1	2431.0	2775.0	2977.3
15°	2199.7	2269.2	2309.6	2613.1	2931.1
17.5°	2139.1	2188.2	2217.1	2454.2	2867.5
20°	2101.5	2124.6	2150.6	2338.5	2795.2
22.5°	2075.4	2061.0	2081.3	2257.5	2696.9
25°	2058.1	2003.2	2026.3	2194.0	2581.3
27.5°	2072.5	1951.2	1959.8	2136.2	2459.9
30°	2075.4	1887.5	1890.4	2075.4	2324.1
32.5°	2055.2	1821.1	1824.0	2000.3	2170.9
35°	2006.1	1743.0	1740.1	1913.6	1962.7
37.5°	1939.6	1659.2	1659.2	1818.2	1734.4
40°	1858.7	1575.4	1584.1	1693.9	1532.0
42.5°	1760.4	1485.8	1497.4	1529.1	1381.7
45°	1653.4	1399.1	1407.7	1292.1	1266.1
47.5°	1535.0	1309.5	1312.4	1072.4	1228.5
50°	1393.3	1217.0	1205.3	919.2	1225.6
52.5°	1269.0	1115.7	1081.1	832.5	1112.8
55°	1147.6	1008.8	933.6	766.0	1032.0
57.5°	1040.6	870.1	797.8	688.0	1014.6
60°	942.4	734.2	679.3	604.1	930.7
62.5°	861.4	633.1	621.5	546.3	844.0
65°	774.7	563.6	560.7	497.2	716.9
67.5°	690.8	517.4	514.5	450.9	546.3
70°	601.2	468.3	462.5	401.8	404.7
72.5°	508.7	413.4	407.6	361.3	335.3
75°	416.2	349.8	346.9	315.1	271.7
77.5°	326.6	277.5	283.3	254.4	199.4
80°	234.1	202.3	208.2	182.1	150.3
82.5°	156.1	133.0	138.7	115.6	101.1
85°	86.7	75.2	78.1	60.7	46.2
87.5°	40.5	34.7	34.7	23.1	14.4
90°	31.3	19.9	18.4	12.8	7.1
92.5°	192.8	137.2	125.1	76.8	28.4
95°	474.4	267.2	245.0	156.6	68.2
97.5°	639.1	293.5	274.0	195.9	118.0
100°	698.9	315.5	297.8	227.0	156.3
102.5°	726.4	337.5	321.0	255.0	189.0
105°	746.8	370.2	356.2	300.3	244.5
107.5°	750.6	418.5	405.5	353.4	301.3
110°	744.9	445.5	433.7	386.7	339.6



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CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	745.1	478.2	467.0	422.1	377.3
115°	752.0	527.3	516.9	475.5	434.2
117.5°	766.0	574.8	565.4	527.9	490.3
120°	777.3	602.5	593.7	558.3	523.0
122.5°	793.7	635.2	626.3	590.6	554.9
125°	815.7	677.2	669.0	636.5	604.0
127.5°	837.7	717.6	709.4	676.6	643.8
130°	853.8	744.6	735.7	700.4	665.0
132.5°	866.9	766.7	757.8	722.4	687.1
135°	881.1	792.3	784.3	752.0	719.8
137.5°	902.4	824.9	817.0	785.0	753.2
140°	915.4	847.0	839.6	810.2	780.8
142.5°	926.3	863.3	856.5	829.4	802.2
145°	940.6	888.2	882.3	858.6	834.9
147.5°	961.4	919.5	913.7	890.6	867.5
150°	972.3	935.8	930.6	909.7	888.9
152.5°	979.3	946.5	942.5	926.7	910.9
155°	995.0	969.9	967.0	955.3	943.6
157.5°	1010.6	993.4	990.5	979.1	967.7
160°	1017.8	1004.0	1001.8	993.0	984.1
162.5°	1025.3	1015.4	1013.8	1007.1	1000.4
165°	1036.2	1031.7	1030.2	1024.2	1018.2
167.5°	1044.7	1040.9	1040.2	1037.3	1034.5
170°	1051.9	1051.6	1050.9	1048.0	1045.2
172.5°	1052.3	1052.3	1052.1	1051.5	1050.9
175°	1056.6	1058.7	1058.7	1058.7	1058.7
177.5°	1057.1	1058.7	1058.7	1058.7	1058.7
180°	1058.7	1058.7	1058.7	1058.7	1058.7



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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	14.35	15.24	15.27	16.18	17.40	17.18	18.08	18.11	19.02	20.24
	3H	14.83	15.63	15.76	16.58	17.82	18.53	19.34	19.47	20.29	21.53
	4H	15.02	15.78	15.97	16.73	17.99	18.98	19.74	19.93	20.70	21.95
	6H	15.14	15.84	16.10	16.80	18.06	19.27	19.97	20.23	20.93	22.20
	8H	15.14	15.81	16.11	16.79	18.05	19.35	20.01	20.32	20.99	22.25
	12H	15.11	15.75	16.09	16.72	18.01	19.39	20.02	20.36	20.99	22.28
4H	2H	15.38	16.14	16.34	17.10	18.35	17.60	18.36	18.55	19.31	20.56
	3H	16.41	17.05	17.38	18.03	19.30	19.11	19.74	20.08	20.73	21.99
	4H	16.69	17.27	17.67	18.25	19.54	19.64	20.22	20.62	21.20	22.49
	6H	16.82	17.32	17.81	18.32	19.61	20.01	20.51	21.00	21.51	22.80
	8H	16.83	17.29	17.82	18.29	19.59	20.12	20.58	21.11	21.58	22.88
	12H	16.79	17.21	17.80	18.23	19.54	20.18	20.60	21.19	21.61	22.92
8H	4H	17.15	17.61	18.14	18.61	19.92	19.77	20.23	20.76	21.23	22.53
	6H	17.41	17.80	18.43	18.84	20.14	20.21	20.59	21.22	21.63	22.93
	8H	17.46	17.79	18.48	18.82	20.14	20.36	20.70	21.38	21.72	23.04
	12H	17.44	17.74	18.47	18.76	20.12	20.46	20.76	21.49	21.78	23.14
12H	4H	17.16	17.58	18.17	18.59	19.90	19.73	20.15	20.74	21.17	22.47
	6H	17.47	17.81	18.50	18.84	20.16	20.20	20.54	21.23	21.57	22.89
	8H	17.54	17.84	18.57	18.86	20.23	20.37	20.67	21.40	21.69	23.05