

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: P934925

Luminaire Tested: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-12-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934925
REPORT IS A COMBINATION OF REPORTS P933717 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-12-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

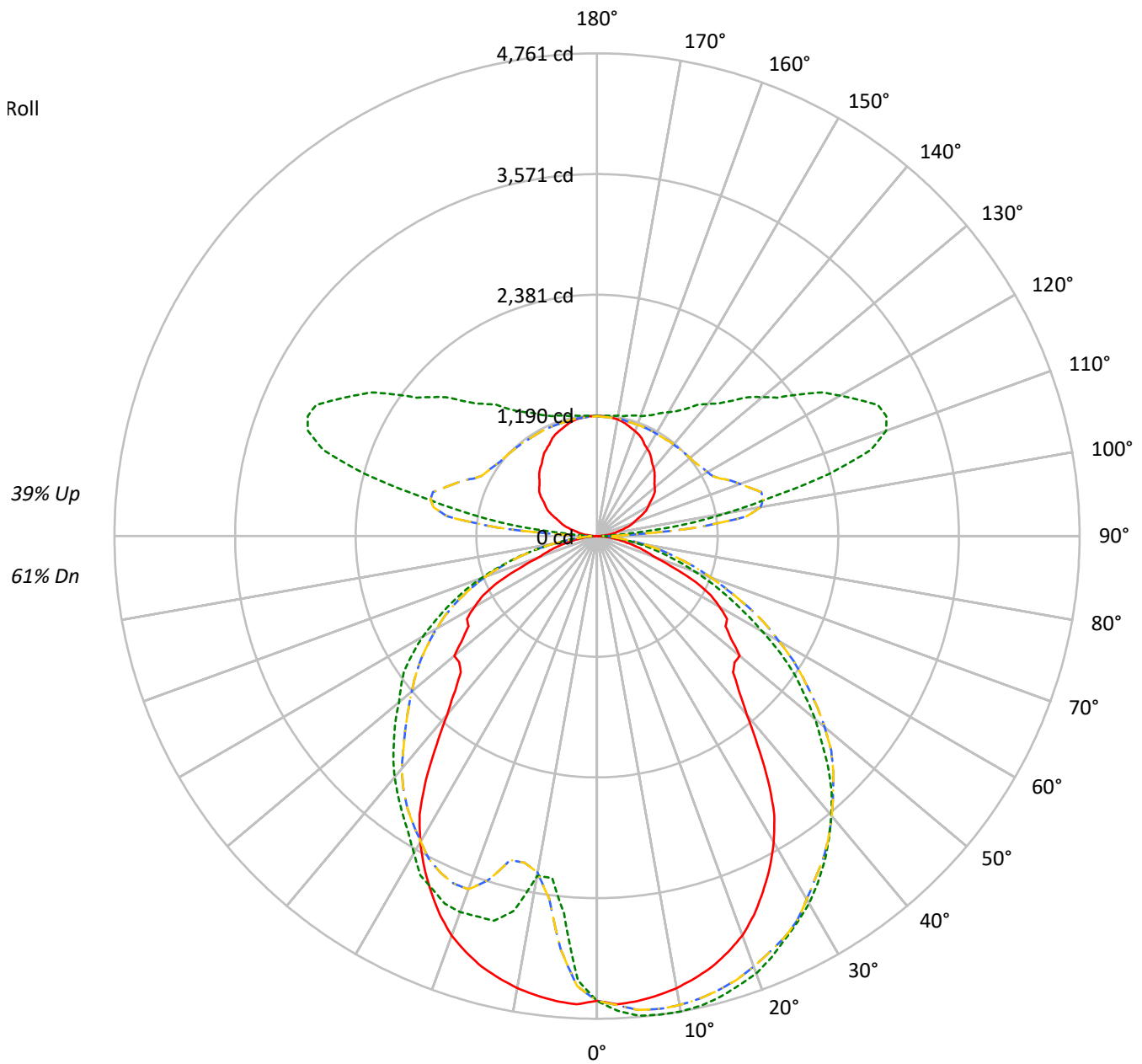
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19560.4 lumens
Efficiency: N/A
Efficacy: 105.2 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 186
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	110	110	110	110	103	103	103	103	89	89	89	77	77	77	66	66	66	61
1	100	96	92	88	94	90	86	83	79	76	74	68	66	65	59	57	56	51
2	91	84	78	72	85	79	73	68	69	65	61	60	57	54	52	49	47	43
3	83	74	66	60	78	69	63	57	61	56	51	53	49	46	46	43	40	36
4	76	65	57	51	71	61	54	49	54	48	44	47	43	39	41	37	35	31
5	70	58	50	44	65	55	47	42	48	42	38	42	38	34	37	33	30	27
6	65	52	44	38	60	49	42	36	44	37	33	38	33	30	33	29	26	24
7	60	47	39	33	56	45	37	32	39	33	29	35	30	26	30	26	23	21
8	55	43	35	29	52	40	33	28	36	30	26	32	27	23	28	24	21	19
9	52	39	31	26	48	37	30	25	33	27	23	29	24	21	26	22	19	17
10	48	36	29	24	45	34	27	23	30	25	21	27	22	19	24	20	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14177	14177	14177	14177
5°	14287	14310	14287	11252
10°	14197	14096	14197	10078
15°	14048	13791	14048	11516
20°	13760	13429	13760	11540
25°	13164	12901	13164	11295
30°	12392	12463	12392	10758
35°	11053	11909	11053	10168
40°	9215	11257	9215	9722
45°	8239	10493	8239	9210
50°	8760	9582	8760	8695
55°	8249	8601	8249	8398
60°	8514	7305	8514	7691
65°	7732	6039	7732	6750
70°	5367	4812	5367	5658
75°	4724	3557	4724	4260
80°	3835	2352	3835	2561
85°	2249	1246	2249	1059

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 12619 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	413.7	2.1
10°-20°	1174.7	6.0
20°-30°	1815.8	9.3
30°-40°	2167.7	11.1
40°-50°	2180.4	11.1
50°-60°	1897.2	9.7
60°-70°	1345.1	6.9
70°-80°	711.7	3.6
80°-90°	181.8	0.9
90°-100°	576.9	2.9
100°-110°	1516.7	7.8
110°-120°	1572.7	8.0
120°-130°	1261.5	6.4
130°-140°	989.8	5.1
140°-150°	759.7	3.9
150°-160°	547.1	2.8
160°-170°	334.8	1.7
170°-180°	113.1	0.6
0°-30°	3404.2	17.4
0°-40°	5571.9	28.5
0°-60°	9649.4	49.3
0°-90°	11888.0	60.8
90°-120°	3666.4	18.7
90°-150°	6677.4	34.1
90°-180°	7672.0	39.2
0°-180°	19560.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4583	4583	4583	4583	4583	
5°	4605	4748	4605	3733	4605	437
15°	4397	4705	4397	3928	4397	1237
25°	3872	4388	3872	3842	3872	1778
35°	2944	3916	2944	3343	2944	1821
45°	1899	3226	1899	2831	1899	1521
55°	1548	2380	1548	2324	1548	1422
65°	1075	1435	1075	1604	1075	1028
75°	408	681	408	815	408	429
85°	69	174	69	147	69	94
90°	8	30	8	30	8	9
95°	76	349	76	349	76	85
105°	273	2375	273	2375	273	290
115°	485	3058	485	3058	485	479
125°	675	2435	675	2435	675	599
135°	805	1890	805	1890	805	623
145°	933	1533	933	1533	933	585
155°	1055	1320	1055	1320	1055	485
165°	1138	1230	1138	1230	1138	321
175°	1184	1192	1184	1192	1184	112
180°	1184	1184	1184	1184	1184	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3
2.5°	4622.3	4622.3	4648.2	4657.0	4657.0	4643.9	4630.9	4643.9	4682.9	4696.0	4691.6
5°	4604.9	4639.6	4687.3	4696.0	4704.6	4700.3	4691.6	4700.3	4743.7	4752.4	4756.6
7.5°	4570.2	4635.3	4696.0	4709.0	4722.0	4709.0	4704.6	4713.3	4756.6	4765.4	4765.4
10°	4526.9	4617.9	4687.3	4696.0	4709.0	4696.0	4696.0	4713.3	4756.6	4765.4	4769.7
12.5°	4466.1	4591.9	4657.0	4665.6	4682.9	4678.6	4674.3	4691.6	4734.9	4743.7	4743.7
15°	4396.8	4544.2	4604.9	4613.6	4643.9	4635.3	4635.3	4652.6	4700.3	4713.3	4709.0
17.5°	4301.4	4483.5	4552.8	4565.9	4587.5	4583.3	4587.5	4604.9	4648.2	4657.0	4661.2
20°	4193.0	4401.1	4483.5	4496.5	4518.2	4518.2	4518.2	4539.9	4583.3	4600.6	4600.6
22.5°	4045.6	4314.4	4401.1	4409.8	4435.8	4435.8	4444.5	4474.8	4513.8	4518.2	4518.2
25°	3872.1	4219.0	4292.7	4318.7	4344.8	4357.8	4370.7	4388.1	4401.1	4396.8	4401.1
27.5°	3690.0	4097.6	4193.0	4210.3	4245.0	4258.0	4275.3	4279.7	4284.0	4297.0	4288.4
30°	3486.2	3928.5	4071.5	4088.9	4145.3	4154.0	4136.6	4145.3	4166.9	4175.7	4184.3
32.5°	3256.4	3677.0	3945.8	3984.8	4036.9	4010.9	4006.5	4019.5	4054.2	4054.2	4062.9
35°	2944.2	3481.9	3828.7	3863.4	3902.4	3872.1	3889.4	3893.8	3915.5	3928.5	3924.1
37.5°	2601.7	3312.7	3707.3	3733.4	3763.7	3724.7	3750.7	3763.7	3781.1	3772.3	3772.3
40°	2298.1	3048.2	3564.3	3581.6	3607.6	3577.3	3603.3	3611.9	3620.6	3611.9	3607.6
42.5°	2072.6	2757.7	3412.5	3434.2	3416.9	3438.5	3447.2	3464.5	3451.5	3434.2	3434.2
45°	1899.2	2679.7	3247.7	3273.7	3247.7	3282.4	3295.4	3295.4	3256.4	3247.7	3243.4
47.5°	1842.9	2523.6	3083.0	3083.0	3069.9	3113.3	3135.0	3104.6	3065.6	3052.6	3052.6
50°	1838.5	2350.1	2857.5	2840.1	2900.8	2952.9	2931.2	2900.8	2870.5	2822.8	2822.8
52.5°	1669.4	2137.7	2566.9	2632.0	2727.4	2757.7	2723.0	2692.7	2640.6	2619.0	2601.7
55°	1547.9	1916.6	2302.5	2432.6	2532.2	2571.3	2506.3	2475.9	2397.9	2384.8	2376.2
57.5°	1522.0	1595.7	2059.6	2224.4	2345.8	2341.5	2302.5	2246.1	2181.0	2168.0	2163.7
60°	1396.2	1153.4	1799.5	1994.6	2120.4	2107.3	2072.6	2020.6	1959.9	1951.3	1942.5
62.5°	1266.2	836.9	1504.6	1725.8	1903.5	1899.2	1868.8	1790.8	1747.5	1725.8	1708.4
65°	1075.3	702.4	1071.0	1435.3	1691.1	1699.7	1634.7	1578.3	1530.6	1504.6	1500.3
67.5°	819.5	572.4	724.1	1196.7	1487.3	1478.6	1396.2	1370.2	1309.5	1296.5	1270.4
70°	607.0	381.5	503.0	971.3	1287.8	1266.2	1201.1	1170.8	1114.4	1084.0	1066.6
72.5°	503.0	307.8	368.6	754.5	1084.0	1058.0	1001.6	967.0	919.2	893.2	875.9
75°	407.6	325.2	281.9	559.4	880.2	862.8	810.8	776.1	737.1	702.4	706.8
77.5°	299.2	303.6	225.5	411.9	698.1	672.1	641.7	598.4	581.1	546.4	546.4
80°	225.5	238.5	169.1	281.9	503.0	503.0	476.9	446.6	416.3	398.9	398.9
82.5°	151.8	151.8	125.7	177.7	342.6	329.5	312.2	303.6	286.2	277.5	277.5
85°	69.4	86.7	78.1	108.4	186.5	195.1	195.1	186.5	182.1	173.5	177.7
87.5°	21.7	39.0	47.7	60.7	95.4	99.8	104.0	104.0	104.0	108.4	108.4
90°	7.9	14.3	20.6	22.2	34.9	51.9	60.4	53.6	40.2	30.2	30.2
92.5°	31.8	85.8	139.8	153.3	215.5	298.4	339.9	297.9	214.0	150.9	144.9
95°	76.3	175.1	274.0	298.7	530.3	839.3	993.7	886.8	672.8	512.3	494.1
97.5°	131.9	219.1	306.3	328.1	714.4	1229.4	1487.0	1419.3	1284.1	1182.7	1148.1
100°	174.8	253.8	332.9	352.7	781.4	1352.9	1638.6	1643.6	1653.5	1660.9	1619.7
102.5°	211.3	285.1	358.8	377.3	812.0	1391.7	1681.6	1767.7	1940.0	2069.2	2033.9
105°	273.2	335.8	398.2	413.8	834.8	1396.2	1676.8	1869.9	2256.2	2545.8	2526.9
107.5°	336.8	395.0	453.3	467.9	839.1	1334.1	1581.5	1850.9	2389.6	2793.6	2798.2
110°	379.7	432.3	484.9	498.0	832.7	1279.0	1502.1	1803.2	2405.5	2857.1	2876.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	421.8	471.9	522.0	534.6	833.0	1230.9	1429.8	1738.0	2354.4	2816.7	2847.0
115°	485.3	531.5	577.8	589.3	840.6	1175.7	1343.2	1640.1	2233.9	2679.2	2721.3
117.5°	548.1	590.1	632.1	642.6	856.3	1141.1	1283.6	1551.5	2087.4	2489.4	2536.1
120°	584.7	624.2	663.7	673.6	869.0	1129.5	1259.8	1504.5	1994.2	2361.5	2406.8
122.5°	620.4	660.2	700.1	710.1	887.3	1123.4	1241.5	1461.9	1902.9	2233.6	2278.4
125°	675.2	711.6	748.0	757.0	911.9	1118.4	1221.7	1409.0	1783.5	2064.4	2105.7
127.5°	719.7	756.4	793.1	802.3	936.6	1115.5	1205.0	1365.8	1687.4	1928.6	1963.4
130°	743.5	783.1	822.5	832.4	954.5	1117.2	1198.6	1341.7	1628.1	1842.8	1874.9
132.5°	768.1	807.7	847.1	857.0	969.0	1118.4	1193.0	1321.2	1577.5	1769.8	1798.5
135°	804.7	840.6	876.7	885.6	985.0	1117.4	1183.6	1290.8	1505.5	1666.5	1691.3
137.5°	842.0	877.6	913.3	922.2	1008.8	1124.2	1181.9	1272.7	1454.2	1590.2	1610.5
140°	872.9	905.7	938.6	946.8	1023.3	1125.4	1176.4	1254.8	1411.5	1529.1	1548.0
142.5°	896.7	927.2	957.5	965.1	1035.5	1129.4	1176.4	1245.2	1382.9	1486.2	1502.5
145°	933.3	959.8	986.3	992.9	1051.4	1129.4	1168.4	1224.7	1337.4	1421.9	1434.3
147.5°	969.9	995.7	1021.5	1027.9	1074.7	1137.2	1168.4	1212.8	1301.3	1367.8	1378.1
150°	993.7	1017.0	1040.3	1046.1	1086.9	1141.3	1168.4	1205.9	1280.7	1336.8	1345.1
152.5°	1018.3	1036.0	1053.6	1058.0	1094.8	1143.9	1168.4	1200.4	1264.3	1312.2	1318.4
155°	1054.8	1067.9	1081.0	1084.2	1112.3	1149.7	1168.4	1193.9	1244.7	1282.8	1287.0
157.5°	1081.8	1094.6	1107.3	1110.5	1129.8	1155.5	1168.4	1188.2	1227.7	1257.4	1260.3
160°	1100.1	1110.0	1119.9	1122.4	1137.8	1158.2	1168.4	1185.4	1219.3	1244.7	1246.4
162.5°	1118.4	1125.8	1133.2	1135.1	1146.2	1161.0	1168.4	1182.7	1211.3	1232.8	1234.4
165°	1138.3	1145.0	1151.6	1153.3	1158.4	1165.1	1168.4	1178.7	1199.1	1214.5	1216.2
167.5°	1156.5	1159.6	1162.9	1163.7	1167.9	1173.6	1176.4	1183.1	1196.5	1206.5	1207.2
170°	1168.4	1171.6	1174.9	1175.6	1175.9	1176.2	1176.4	1183.1	1196.5	1206.5	1206.5
172.5°	1174.8	1175.5	1176.2	1176.4	1176.4	1176.4	1176.4	1181.7	1192.3	1200.2	1199.6
175°	1183.6	1183.6	1183.6	1183.6	1181.2	1178.0	1176.4	1179.7	1186.5	1191.5	1191.5
177.5°	1183.6	1183.6	1183.6	1183.6	1181.7	1179.2	1178.0	1180.7	1186.0	1189.9	1189.2
180°	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3
2.5°	4700.3	4687.3	4700.3	4691.6	4696.0	4682.9	4643.9	4630.9	4643.9	4657.0	4657.0
5°	4756.6	4748.0	4756.6	4756.6	4752.4	4743.7	4700.3	4691.6	4700.3	4704.6	4696.0
7.5°	4774.0	4761.0	4774.0	4765.4	4765.4	4756.6	4713.3	4704.6	4709.0	4722.0	4709.0
10°	4774.0	4761.0	4774.0	4769.7	4765.4	4756.6	4713.3	4696.0	4696.0	4709.0	4696.0
12.5°	4752.4	4743.7	4752.4	4743.7	4743.7	4734.9	4691.6	4674.3	4678.6	4682.9	4665.6
15°	4717.6	4704.6	4717.6	4709.0	4713.3	4700.3	4652.6	4635.3	4635.3	4643.9	4613.6
17.5°	4665.6	4648.2	4665.6	4661.2	4657.0	4648.2	4604.9	4587.5	4583.3	4587.5	4565.9
20°	4604.9	4591.9	4604.9	4600.6	4600.6	4583.3	4539.9	4518.2	4518.2	4518.2	4496.5
22.5°	4509.5	4496.5	4509.5	4518.2	4518.2	4513.8	4474.8	4444.5	4435.8	4435.8	4409.8
25°	4401.1	4388.1	4401.1	4401.1	4396.8	4401.1	4388.1	4370.7	4357.8	4344.8	4318.7
27.5°	4297.0	4288.4	4297.0	4288.4	4297.0	4284.0	4279.7	4275.3	4258.0	4245.0	4210.3
30°	4193.0	4184.3	4193.0	4184.3	4175.7	4166.9	4145.3	4136.6	4154.0	4145.3	4088.9
32.5°	4062.9	4054.2	4062.9	4062.9	4054.2	4054.2	4019.5	4006.5	4010.9	4036.9	3984.8
35°	3928.5	3915.5	3928.5	3924.1	3928.5	3915.5	3893.8	3889.4	3872.1	3902.4	3863.4
37.5°	3772.3	3759.4	3772.3	3772.3	3772.3	3781.1	3763.7	3750.7	3724.7	3763.7	3733.4
40°	3611.9	3594.6	3611.9	3607.6	3611.9	3620.6	3611.9	3603.3	3577.3	3607.6	3581.6
42.5°	3429.8	3425.5	3429.8	3434.2	3434.2	3451.5	3464.5	3447.2	3438.5	3416.9	3434.2
45°	3234.7	3226.0	3234.7	3243.4	3247.7	3256.4	3295.4	3295.4	3282.4	3247.7	3273.7
47.5°	3026.6	3004.9	3026.6	3052.6	3052.6	3065.6	3104.6	3135.0	3113.3	3069.9	3083.0
50°	2805.5	2809.7	2805.5	2822.8	2822.8	2870.5	2900.8	2931.2	2952.9	2900.8	2840.1
52.5°	2588.6	2584.3	2588.6	2601.7	2619.0	2640.6	2692.7	2723.0	2757.7	2727.4	2632.0
55°	2371.8	2380.5	2371.8	2376.2	2384.8	2397.9	2475.9	2506.3	2571.3	2532.2	2432.6
57.5°	2155.1	2142.0	2155.1	2163.7	2168.0	2181.0	2246.1	2302.5	2341.5	2345.8	2224.4
60°	1903.5	1886.2	1903.5	1942.5	1951.3	1959.9	2020.6	2072.6	2107.3	2120.4	1994.6
62.5°	1682.4	1652.1	1682.4	1708.4	1725.8	1747.5	1790.8	1868.8	1899.2	1903.5	1725.8
65°	1448.3	1435.3	1448.3	1500.3	1504.6	1530.6	1578.3	1634.7	1699.7	1691.1	1435.3
67.5°	1235.8	1235.8	1235.8	1270.4	1296.5	1309.5	1370.2	1396.2	1478.6	1487.3	1196.7
70°	1040.7	1036.3	1040.7	1066.6	1084.0	1114.4	1170.8	1201.1	1266.2	1287.8	971.3
72.5°	854.2	849.9	854.2	875.9	893.2	919.2	967.0	1001.6	1058.0	1084.0	754.5
75°	689.5	680.7	689.5	706.8	702.4	737.1	776.1	810.8	862.8	880.2	559.4
77.5°	529.0	529.0	529.0	546.4	546.4	581.1	598.4	641.7	672.1	698.1	411.9
80°	394.6	390.3	394.6	398.9	398.9	416.3	446.6	476.9	503.0	503.0	281.9
82.5°	277.5	268.8	277.5	277.5	277.5	286.2	303.6	312.2	329.5	342.6	177.7
85°	173.5	173.5	173.5	177.7	173.5	182.1	186.5	195.1	195.1	186.5	108.4
87.5°	112.7	108.4	112.7	108.4	108.4	104.0	104.0	104.0	99.8	95.4	60.7
90°	30.2	30.2	30.2	30.2	30.2	40.2	53.6	60.4	51.9	34.9	22.2
92.5°	120.9	96.9	120.9	144.9	150.9	214.0	297.9	339.9	298.4	215.5	153.3
95°	421.4	348.7	421.4	494.1	512.3	672.8	886.8	993.7	839.3	530.3	298.7
97.5°	1009.8	871.4	1009.8	1148.1	1182.7	1284.1	1419.3	1487.0	1229.4	714.4	328.1
100°	1454.8	1290.0	1454.8	1619.7	1660.9	1653.5	1643.6	1638.6	1352.9	781.4	352.7
102.5°	1892.7	1751.5	1892.7	2033.9	2069.2	1940.0	1767.7	1681.6	1391.7	812.0	377.3
105°	2450.9	2375.0	2450.9	2526.9	2545.8	2256.2	1869.9	1676.8	1396.2	834.8	413.8
107.5°	2816.6	2834.9	2816.6	2798.2	2793.6	2389.6	1850.9	1581.5	1334.1	839.1	467.9
110°	2956.0	3035.1	2956.0	2876.9	2857.1	2405.5	1803.2	1502.1	1279.0	832.7	498.0



TEST NUMBER: P934925

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2968.4	3089.9	2968.4	2847.0	2816.7	2354.4	1738.0	1429.8	1230.9	833.0	534.6
115°	2889.7	3058.1	2889.7	2721.3	2679.2	2233.9	1640.1	1343.2	1175.7	840.6	589.3
117.5°	2722.8	2909.6	2722.8	2536.1	2489.4	2087.4	1551.5	1283.6	1141.1	856.3	642.6
120°	2588.3	2769.8	2588.3	2406.8	2361.5	1994.2	1504.5	1259.8	1129.5	869.0	673.6
122.5°	2457.3	2636.4	2457.3	2278.4	2233.6	1902.9	1461.9	1241.5	1123.4	887.3	710.1
125°	2270.5	2435.4	2270.5	2105.7	2064.4	1783.5	1409.0	1221.7	1118.4	911.9	757.0
127.5°	2102.5	2241.6	2102.5	1963.4	1928.6	1687.4	1365.8	1205.0	1115.5	936.6	802.3
130°	2003.4	2132.0	2003.4	1874.9	1842.8	1628.1	1341.7	1198.6	1117.2	954.5	832.4
132.5°	1913.6	2028.7	1913.6	1798.5	1769.8	1577.5	1321.2	1193.0	1118.4	969.0	857.0
135°	1790.5	1889.7	1790.5	1691.3	1666.5	1505.5	1290.8	1183.6	1117.4	985.0	885.6
137.5°	1691.7	1772.9	1691.7	1610.5	1590.2	1454.2	1272.7	1181.9	1124.2	1008.8	922.2
140°	1624.0	1699.8	1624.0	1548.0	1529.1	1411.5	1254.8	1176.4	1125.4	1023.3	946.8
142.5°	1567.8	1633.1	1567.8	1502.5	1486.2	1382.9	1245.2	1176.4	1129.4	1035.5	965.1
145°	1483.6	1533.0	1483.6	1434.3	1421.9	1337.4	1224.7	1168.4	1129.4	1051.4	992.9
147.5°	1419.0	1460.0	1419.0	1378.1	1367.8	1301.3	1212.8	1168.4	1137.2	1074.7	1027.9
150°	1378.3	1411.5	1378.3	1345.1	1336.8	1280.7	1205.9	1168.4	1141.3	1086.9	1046.1
152.5°	1343.5	1368.6	1343.5	1318.4	1312.2	1264.3	1200.4	1168.4	1143.9	1094.8	1058.0
155°	1303.6	1320.1	1303.6	1287.0	1282.8	1244.7	1193.9	1168.4	1149.7	1112.3	1084.2
157.5°	1272.0	1283.6	1272.0	1260.3	1257.4	1227.7	1188.2	1168.4	1155.5	1129.8	1110.5
160°	1253.1	1259.8	1253.1	1246.4	1244.7	1219.3	1185.4	1168.4	1158.2	1137.8	1122.4
162.5°	1240.7	1247.1	1240.7	1234.4	1232.8	1211.3	1182.7	1168.4	1161.0	1146.2	1135.1
165°	1222.9	1229.6	1222.9	1216.2	1214.5	1199.1	1178.7	1168.4	1165.1	1158.4	1153.3
167.5°	1210.1	1212.9	1210.1	1207.2	1206.5	1196.5	1183.1	1176.4	1173.6	1167.9	1163.7
170°	1206.5	1206.5	1206.5	1206.5	1206.5	1196.5	1183.1	1176.4	1176.2	1175.9	1175.6
172.5°	1197.1	1194.7	1197.1	1199.6	1200.2	1192.3	1181.7	1176.4	1176.4	1176.4	1176.4
175°	1191.5	1191.5	1191.5	1191.5	1191.5	1186.5	1179.7	1176.4	1178.0	1181.2	1183.6
177.5°	1186.4	1183.6	1186.4	1189.2	1189.9	1186.0	1180.7	1178.0	1179.2	1181.7	1183.6
180°	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6



TEST NUMBER: P934925

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3
2.5°	4648.2	4622.3	4622.3	4578.9	4561.6	4548.6	4526.9	4461.8	4444.5	4427.1	4453.2
5°	4687.3	4639.6	4604.9	4526.9	4461.8	4435.8	4353.4	4197.3	4093.2	4015.2	3971.9
7.5°	4696.0	4635.3	4570.2	4448.8	4292.7	4223.3	3971.9	3685.6	3607.6	3538.2	3494.8
10°	4687.3	4617.9	4526.9	4344.8	3976.1	3854.8	3603.3	3416.9	3369.1	3356.1	3369.1
12.5°	4657.0	4591.9	4466.1	4162.6	3646.6	3564.3	3416.9	3308.4	3299.8	3321.4	3438.5
15°	4604.9	4544.2	4396.8	3919.8	3464.5	3403.8	3299.8	3260.7	3308.4	3460.2	3811.4
17.5°	4552.8	4483.5	4301.4	3681.3	3325.8	3282.4	3208.7	3286.8	3555.6	3759.4	3876.5
20°	4483.5	4401.1	4193.0	3507.9	3226.0	3187.0	3152.3	3503.5	3707.3	3781.1	3846.1
22.5°	4401.1	4314.4	4045.6	3386.4	3122.0	3091.6	3113.3	3624.9	3707.3	3759.4	3815.7
25°	4292.7	4219.0	3872.1	3291.0	3039.6	3004.9	3087.2	3611.9	3659.6	3672.7	3785.4
27.5°	4193.0	4097.6	3690.0	3204.3	2939.8	2926.8	3108.9	3555.6	3590.2	3603.3	3724.7
30°	4071.5	3928.5	3486.2	3113.3	2835.8	2831.4	3113.3	3486.2	3477.5	3512.2	3633.6
32.5°	3945.8	3677.0	3256.4	3000.6	2736.0	2731.8	3083.0	3382.1	3373.5	3421.1	3512.2
35°	3828.7	3481.9	2944.2	2870.5	2610.3	2614.7	3009.3	3260.7	3265.1	3308.4	3364.8
37.5°	3707.3	3312.7	2601.7	2727.4	2488.9	2488.9	2909.5	3148.0	3139.3	3152.3	3230.4
40°	3564.3	3048.2	2298.1	2540.9	2376.2	2363.1	2788.1	3026.6	2996.2	2991.9	3100.3
42.5°	3412.5	2757.7	2072.6	2293.8	2246.1	2228.8	2640.6	2879.2	2822.8	2835.8	2974.5
45°	3247.7	2679.7	1899.2	1938.2	2111.7	2098.7	2480.2	2710.1	2671.0	2705.7	2848.8
47.5°	3083.0	2523.6	1842.9	1608.7	1968.6	1964.2	2302.5	2545.3	2523.6	2558.3	2710.1
50°	2857.5	2350.1	1838.5	1378.9	1808.1	1825.4	2090.0	2384.8	2384.8	2415.2	2575.6
52.5°	2566.9	2137.7	1669.4	1248.8	1621.6	1673.7	1903.5	2246.1	2254.7	2285.1	2428.2
55°	2302.5	1916.6	1547.9	1149.1	1400.5	1513.3	1721.4	2102.9	2120.4	2150.7	2280.8
57.5°	2059.6	1595.7	1522.0	1032.0	1196.7	1305.2	1561.0	1964.2	1973.0	1998.9	2124.6
60°	1799.5	1153.4	1396.2	906.2	1019.0	1101.4	1413.6	1799.5	1829.8	1847.1	1955.5
62.5°	1504.6	836.9	1266.2	819.5	932.3	949.6	1292.1	1643.3	1682.4	1695.4	1760.4
65°	1071.0	702.4	1075.3	745.8	841.2	845.5	1162.0	1482.9	1517.6	1539.3	1587.0
67.5°	724.1	572.4	819.5	676.4	771.8	776.1	1036.3	1296.5	1344.1	1361.6	1391.9
70°	503.0	381.5	607.0	602.7	693.8	702.4	901.9	1127.4	1170.8	1183.7	1201.1
72.5°	368.6	307.8	503.0	542.0	611.4	620.1	763.2	936.6	979.9	992.9	1001.6
75°	281.9	325.2	407.6	472.6	520.3	524.7	624.4	763.2	793.5	802.2	806.5
77.5°	225.5	303.6	299.2	381.5	424.9	416.3	490.0	589.7	615.7	615.7	615.7
80°	169.1	238.5	225.5	273.2	312.2	303.6	351.2	420.6	429.3	437.9	433.6
82.5°	125.7	151.8	151.8	173.5	208.2	199.4	234.1	273.2	273.2	273.2	281.9
85°	78.1	86.7	69.4	91.1	117.1	112.7	130.1	147.4	151.8	151.8	143.1
87.5°	47.7	39.0	21.7	34.7	52.0	52.0	60.7	65.0	60.7	60.7	60.7
90°	20.6	14.3	7.9	14.3	20.6	22.2	34.9	51.9	60.4	53.6	40.2
92.5°	139.8	85.8	31.8	85.8	139.8	153.3	215.5	298.4	339.9	297.9	214.0
95°	274.0	175.1	76.3	175.1	274.0	298.7	530.3	839.3	993.7	886.8	672.8
97.5°	306.3	219.1	131.9	219.1	306.3	328.1	714.4	1229.4	1487.0	1419.3	1284.1
100°	332.9	253.8	174.8	253.8	332.9	352.7	781.4	1352.9	1638.6	1643.6	1653.5
102.5°	358.8	285.1	211.3	285.1	358.8	377.3	812.0	1391.7	1681.6	1767.7	1940.0
105°	398.2	335.8	273.2	335.8	398.2	413.8	834.8	1396.2	1676.8	1869.9	2256.2
107.5°	453.3	395.0	336.8	395.0	453.3	467.9	839.1	1334.1	1581.5	1850.9	2389.6
110°	484.9	432.3	379.7	432.3	484.9	498.0	832.7	1279.0	1502.1	1803.2	2405.5



TEST NUMBER: P934925

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	522.0	471.9	421.8	471.9	522.0	534.6	833.0	1230.9	1429.8	1738.0	2354.4
115°	577.8	531.5	485.3	531.5	577.8	589.3	840.6	1175.7	1343.2	1640.1	2233.9
117.5°	632.1	590.1	548.1	590.1	632.1	642.6	856.3	1141.1	1283.6	1551.5	2087.4
120°	663.7	624.2	584.7	624.2	663.7	673.6	869.0	1129.5	1259.8	1504.5	1994.2
122.5°	700.1	660.2	620.4	660.2	700.1	710.1	887.3	1123.4	1241.5	1461.9	1902.9
125°	748.0	711.6	675.2	711.6	748.0	757.0	911.9	1118.4	1221.7	1409.0	1783.5
127.5°	793.1	756.4	719.7	756.4	793.1	802.3	936.6	1115.5	1205.0	1365.8	1687.4
130°	822.5	783.1	743.5	783.1	822.5	832.4	954.5	1117.2	1198.6	1341.7	1628.1
132.5°	847.1	807.7	768.1	807.7	847.1	857.0	969.0	1118.4	1193.0	1321.2	1577.5
135°	876.7	840.6	804.7	840.6	876.7	885.6	985.0	1117.4	1183.6	1290.8	1505.5
137.5°	913.3	877.6	842.0	877.6	913.3	922.2	1008.8	1124.2	1181.9	1272.7	1454.2
140°	938.6	905.7	872.9	905.7	938.6	946.8	1023.3	1125.4	1176.4	1254.8	1411.5
142.5°	957.5	927.2	896.7	927.2	957.5	965.1	1035.5	1129.4	1176.4	1245.2	1382.9
145°	986.3	959.8	933.3	959.8	986.3	992.9	1051.4	1129.4	1168.4	1224.7	1337.4
147.5°	1021.5	995.7	969.9	995.7	1021.5	1027.9	1074.7	1137.2	1168.4	1212.8	1301.3
150°	1040.3	1017.0	993.7	1017.0	1040.3	1046.1	1086.9	1141.3	1168.4	1205.9	1280.7
152.5°	1053.6	1036.0	1018.3	1036.0	1053.6	1058.0	1094.8	1143.9	1168.4	1200.4	1264.3
155°	1081.0	1067.9	1054.8	1067.9	1081.0	1084.2	1112.3	1149.7	1168.4	1193.9	1244.7
157.5°	1107.3	1094.6	1081.8	1094.6	1107.3	1110.5	1129.8	1155.5	1168.4	1188.2	1227.7
160°	1119.9	1110.0	1100.1	1110.0	1119.9	1122.4	1137.8	1158.2	1168.4	1185.4	1219.3
162.5°	1133.2	1125.8	1118.4	1125.8	1133.2	1135.1	1146.2	1161.0	1168.4	1182.7	1211.3
165°	1151.6	1145.0	1138.3	1145.0	1151.6	1153.3	1158.4	1165.1	1168.4	1178.7	1199.1
167.5°	1162.9	1159.6	1156.5	1159.6	1162.9	1163.7	1167.9	1173.6	1176.4	1183.1	1196.5
170°	1174.9	1171.6	1168.4	1171.6	1174.9	1175.6	1175.9	1176.2	1176.4	1183.1	1196.5
172.5°	1176.2	1175.5	1174.8	1175.5	1176.2	1176.4	1176.4	1176.4	1176.4	1181.7	1192.3
175°	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1181.2	1178.0	1176.4	1179.7	1186.5
177.5°	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1181.7	1179.2	1178.0	1180.7	1186.0
180°	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6



TEST NUMBER: P934925
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3
2.5°	4422.8	4409.8	4427.1	4379.5	4427.1	4409.8	4422.8	4453.2	4427.1	4444.5	4461.8
5°	3880.8	3859.1	3789.7	3733.4	3789.7	3859.1	3880.8	3971.9	4015.2	4093.2	4197.3
7.5°	3468.9	3451.5	3434.2	3399.5	3434.2	3451.5	3468.9	3494.8	3538.2	3607.6	3685.6
10°	3377.8	3382.1	3408.1	3403.8	3408.1	3382.1	3377.8	3369.1	3356.1	3369.1	3416.9
12.5°	3611.9	3651.0	3794.0	3785.4	3794.0	3651.0	3611.9	3438.5	3321.4	3299.8	3308.4
15°	3880.8	3893.8	3924.1	3928.5	3924.1	3893.8	3880.8	3811.4	3460.2	3308.4	3260.7
17.5°	3906.8	3911.1	3932.8	3932.8	3932.8	3911.1	3906.8	3876.5	3759.4	3555.6	3286.8
20°	3885.1	3893.8	3937.2	3945.8	3937.2	3893.8	3885.1	3846.1	3781.1	3707.3	3503.5
22.5°	3876.5	3893.8	3928.5	3924.1	3928.5	3893.8	3876.5	3815.7	3759.4	3707.3	3624.9
25°	3833.1	3833.1	3837.4	3841.8	3837.4	3833.1	3833.1	3785.4	3672.7	3659.6	3611.9
27.5°	3742.0	3750.7	3776.7	3772.3	3776.7	3750.7	3742.0	3724.7	3603.3	3590.2	3555.6
30°	3659.6	3651.0	3629.3	3611.9	3629.3	3651.0	3659.6	3633.6	3512.2	3477.5	3486.2
32.5°	3520.9	3499.2	3477.5	3464.5	3477.5	3499.2	3520.9	3512.2	3421.1	3373.5	3382.1
35°	3356.1	3360.5	3356.1	3343.1	3356.1	3360.5	3356.1	3364.8	3308.4	3265.1	3260.7
37.5°	3239.0	3247.7	3243.4	3226.0	3243.4	3247.7	3239.0	3230.4	3152.3	3139.3	3148.0
40°	3117.7	3122.0	3117.7	3104.6	3117.7	3122.0	3117.7	3100.3	2991.9	2996.2	3026.6
42.5°	3000.6	2996.2	2983.2	2974.5	2983.2	2996.2	3000.6	2974.5	2835.8	2822.8	2879.2
45°	2866.1	2870.5	2844.4	2831.4	2844.4	2870.5	2866.1	2848.8	2705.7	2671.0	2710.1
47.5°	2731.8	2731.8	2710.1	2697.0	2710.1	2731.8	2731.8	2710.1	2558.3	2523.6	2545.3
50°	2588.6	2584.3	2553.9	2549.6	2553.9	2584.3	2588.6	2575.6	2415.2	2384.8	2384.8
52.5°	2423.8	2423.8	2428.2	2436.8	2428.2	2423.8	2423.8	2428.2	2285.1	2254.7	2246.1
55°	2280.8	2285.1	2315.5	2324.2	2315.5	2285.1	2280.8	2280.8	2150.7	2120.4	2102.9
57.5°	2133.4	2133.4	2155.1	2155.1	2155.1	2133.4	2133.4	2124.6	1998.9	1973.0	1964.2
60°	1964.2	1973.0	1990.3	1985.9	1990.3	1973.0	1964.2	1955.5	1847.1	1829.8	1799.5
62.5°	1786.5	1795.1	1799.5	1790.8	1799.5	1795.1	1786.5	1760.4	1695.4	1682.4	1643.3
65°	1600.0	1608.7	1613.0	1604.3	1613.0	1608.7	1600.0	1587.0	1539.3	1517.6	1482.9
67.5°	1409.2	1404.9	1400.5	1417.9	1400.5	1404.9	1409.2	1391.9	1361.6	1344.1	1296.5
70°	1214.1	1214.1	1209.8	1218.4	1209.8	1214.1	1214.1	1201.1	1183.7	1170.8	1127.4
72.5°	1006.0	1001.6	1019.0	1006.0	1019.0	1001.6	1006.0	1001.6	992.9	979.9	936.6
75°	802.2	810.8	802.2	815.2	802.2	810.8	802.2	806.5	802.2	793.5	763.2
77.5°	611.4	620.1	611.4	611.4	611.4	620.1	611.4	615.7	615.7	615.7	589.7
80°	433.6	429.3	429.3	424.9	429.3	429.3	433.6	433.6	437.9	429.3	420.6
82.5°	277.5	273.2	273.2	281.9	273.2	273.2	277.5	281.9	273.2	273.2	273.2
85°	151.8	156.1	147.4	147.4	147.4	156.1	151.8	143.1	151.8	151.8	147.4
87.5°	56.4	52.0	52.0	52.0	52.0	52.0	56.4	60.7	60.7	60.7	65.0
90°	30.2	30.2	30.2	30.2	30.2	30.2	30.2	40.2	53.6	60.4	51.9
92.5°	150.9	144.9	120.9	96.9	120.9	144.9	150.9	214.0	297.9	339.9	298.4
95°	512.3	494.1	421.4	348.7	421.4	494.1	512.3	672.8	886.8	993.7	839.3
97.5°	1182.7	1148.1	1009.8	871.4	1009.8	1148.1	1182.7	1284.1	1419.3	1487.0	1229.4
100°	1660.9	1619.7	1454.8	1290.0	1454.8	1619.7	1660.9	1653.5	1643.6	1638.6	1352.9
102.5°	2069.2	2033.9	1892.7	1751.5	1892.7	2033.9	2069.2	1940.0	1767.7	1681.6	1391.7
105°	2545.8	2526.9	2450.9	2375.0	2450.9	2526.9	2545.8	2256.2	1869.9	1676.8	1396.2
107.5°	2793.6	2798.2	2816.6	2834.9	2816.6	2798.2	2793.6	2389.6	1850.9	1581.5	1334.1
110°	2857.1	2876.9	2956.0	3035.1	2956.0	2876.9	2857.1	2405.5	1803.2	1502.1	1279.0



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2816.7	2847.0	2968.4	3089.9	2968.4	2847.0	2816.7	2354.4	1738.0	1429.8	1230.9
115°	2679.2	2721.3	2889.7	3058.1	2889.7	2721.3	2679.2	2233.9	1640.1	1343.2	1175.7
117.5°	2489.4	2536.1	2722.8	2909.6	2722.8	2536.1	2489.4	2087.4	1551.5	1283.6	1141.1
120°	2361.5	2406.8	2588.3	2769.8	2588.3	2406.8	2361.5	1994.2	1504.5	1259.8	1129.5
122.5°	2233.6	2278.4	2457.3	2636.4	2457.3	2278.4	2233.6	1902.9	1461.9	1241.5	1123.4
125°	2064.4	2105.7	2270.5	2435.4	2270.5	2105.7	2064.4	1783.5	1409.0	1221.7	1118.4
127.5°	1928.6	1963.4	2102.5	2241.6	2102.5	1963.4	1928.6	1687.4	1365.8	1205.0	1115.5
130°	1842.8	1874.9	2003.4	2132.0	2003.4	1874.9	1842.8	1628.1	1341.7	1198.6	1117.2
132.5°	1769.8	1798.5	1913.6	2028.7	1913.6	1798.5	1769.8	1577.5	1321.2	1193.0	1118.4
135°	1666.5	1691.3	1790.5	1889.7	1790.5	1691.3	1666.5	1505.5	1290.8	1183.6	1117.4
137.5°	1590.2	1610.5	1691.7	1772.9	1691.7	1610.5	1590.2	1454.2	1272.7	1181.9	1124.2
140°	1529.1	1548.0	1624.0	1699.8	1624.0	1548.0	1529.1	1411.5	1254.8	1176.4	1125.4
142.5°	1486.2	1502.5	1567.8	1633.1	1567.8	1502.5	1486.2	1382.9	1245.2	1176.4	1129.4
145°	1421.9	1434.3	1483.6	1533.0	1483.6	1434.3	1421.9	1337.4	1224.7	1168.4	1129.4
147.5°	1367.8	1378.1	1419.0	1460.0	1419.0	1378.1	1367.8	1301.3	1212.8	1168.4	1137.2
150°	1336.8	1345.1	1378.3	1411.5	1378.3	1345.1	1336.8	1280.7	1205.9	1168.4	1141.3
152.5°	1312.2	1318.4	1343.5	1368.6	1343.5	1318.4	1312.2	1264.3	1200.4	1168.4	1143.9
155°	1282.8	1287.0	1303.6	1320.1	1303.6	1287.0	1282.8	1244.7	1193.9	1168.4	1149.7
157.5°	1257.4	1260.3	1272.0	1283.6	1272.0	1260.3	1257.4	1227.7	1188.2	1168.4	1155.5
160°	1244.7	1246.4	1253.1	1259.8	1253.1	1246.4	1244.7	1219.3	1185.4	1168.4	1158.2
162.5°	1232.8	1234.4	1240.7	1247.1	1240.7	1234.4	1232.8	1211.3	1182.7	1168.4	1161.0
165°	1214.5	1216.2	1222.9	1229.6	1222.9	1216.2	1214.5	1199.1	1178.7	1168.4	1165.1
167.5°	1206.5	1207.2	1210.1	1212.9	1210.1	1207.2	1206.5	1196.5	1183.1	1176.4	1173.6
170°	1206.5	1206.5	1206.5	1206.5	1206.5	1206.5	1206.5	1196.5	1183.1	1176.4	1176.2
172.5°	1200.2	1199.6	1197.1	1194.7	1197.1	1199.6	1200.2	1192.3	1181.7	1176.4	1176.4
175°	1191.5	1191.5	1191.5	1191.5	1191.5	1191.5	1191.5	1186.5	1179.7	1176.4	1178.0
177.5°	1189.9	1189.2	1186.4	1183.6	1186.4	1189.2	1189.9	1186.0	1180.7	1178.0	1179.2
180°	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	4583.3	4583.3	4583.3	4583.3	4583.3
2.5°	4526.9	4548.6	4561.6	4578.9	4622.3
5°	4353.4	4435.8	4461.8	4526.9	4604.9
7.5°	3971.9	4223.3	4292.7	4448.8	4570.2
10°	3603.3	3854.8	3976.1	4344.8	4526.9
12.5°	3416.9	3564.3	3646.6	4162.6	4466.1
15°	3299.8	3403.8	3464.5	3919.8	4396.8
17.5°	3208.7	3282.4	3325.8	3681.3	4301.4
20°	3152.3	3187.0	3226.0	3507.9	4193.0
22.5°	3113.3	3091.6	3122.0	3386.4	4045.6
25°	3087.2	3004.9	3039.6	3291.0	3872.1
27.5°	3108.9	2926.8	2939.8	3204.3	3690.0
30°	3113.3	2831.4	2835.8	3113.3	3486.2
32.5°	3083.0	2731.8	2736.0	3000.6	3256.4
35°	3009.3	2614.7	2610.3	2870.5	2944.2
37.5°	2909.5	2488.9	2488.9	2727.4	2601.7
40°	2788.1	2363.1	2376.2	2540.9	2298.1
42.5°	2640.6	2228.8	2246.1	2293.8	2072.6
45°	2480.2	2098.7	2111.7	1938.2	1899.2
47.5°	2302.5	1964.2	1968.6	1608.7	1842.9
50°	2090.0	1825.4	1808.1	1378.9	1838.5
52.5°	1903.5	1673.7	1621.6	1248.8	1669.4
55°	1721.4	1513.3	1400.5	1149.1	1547.9
57.5°	1561.0	1305.2	1196.7	1032.0	1522.0
60°	1413.6	1101.4	1019.0	906.2	1396.2
62.5°	1292.1	949.6	932.3	819.5	1266.2
65°	1162.0	845.5	841.2	745.8	1075.3
67.5°	1036.3	776.1	771.8	676.4	819.5
70°	901.9	702.4	693.8	602.7	607.0
72.5°	763.2	620.1	611.4	542.0	503.0
75°	624.4	524.7	520.3	472.6	407.6
77.5°	490.0	416.3	424.9	381.5	299.2
80°	351.2	303.6	312.2	273.2	225.5
82.5°	234.1	199.4	208.2	173.5	151.8
85°	130.1	112.7	117.1	91.1	69.4
87.5°	60.7	52.0	52.0	34.7	21.7
90°	34.9	22.2	20.6	14.3	7.9
92.5°	215.5	153.3	139.8	85.8	31.8
95°	530.3	298.7	274.0	175.1	76.3
97.5°	714.4	328.1	306.3	219.1	131.9
100°	781.4	352.7	332.9	253.8	174.8
102.5°	812.0	377.3	358.8	285.1	211.3
105°	834.8	413.8	398.2	335.8	273.2
107.5°	839.1	467.9	453.3	395.0	336.8
110°	832.7	498.0	484.9	432.3	379.7



TEST NUMBER: P934925

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	833.0	534.6	522.0	471.9	421.8
115°	840.6	589.3	577.8	531.5	485.3
117.5°	856.3	642.6	632.1	590.1	548.1
120°	869.0	673.6	663.7	624.2	584.7
122.5°	887.3	710.1	700.1	660.2	620.4
125°	911.9	757.0	748.0	711.6	675.2
127.5°	936.6	802.3	793.1	756.4	719.7
130°	954.5	832.4	822.5	783.1	743.5
132.5°	969.0	857.0	847.1	807.7	768.1
135°	985.0	885.6	876.7	840.6	804.7
137.5°	1008.8	922.2	913.3	877.6	842.0
140°	1023.3	946.8	938.6	905.7	872.9
142.5°	1035.5	965.1	957.5	927.2	896.7
145°	1051.4	992.9	986.3	959.8	933.3
147.5°	1074.7	1027.9	1021.5	995.7	969.9
150°	1086.9	1046.1	1040.3	1017.0	993.7
152.5°	1094.8	1058.0	1053.6	1036.0	1018.3
155°	1112.3	1084.2	1081.0	1067.9	1054.8
157.5°	1129.8	1110.5	1107.3	1094.6	1081.8
160°	1137.8	1122.4	1119.9	1110.0	1100.1
162.5°	1146.2	1135.1	1133.2	1125.8	1118.4
165°	1158.4	1153.3	1151.6	1145.0	1138.3
167.5°	1167.9	1163.7	1162.9	1159.6	1156.5
170°	1175.9	1175.6	1174.9	1171.6	1168.4
172.5°	1176.4	1176.4	1176.2	1175.5	1174.8
175°	1181.2	1183.6	1183.6	1183.6	1183.6
177.5°	1181.7	1183.6	1183.6	1183.6	1183.6
180°	1183.6	1183.6	1183.6	1183.6	1183.6



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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	14.96	15.93	15.82	16.81	17.92	17.81	18.78	18.67	19.66	20.77
	3H	15.45	16.32	16.32	17.21	18.34	19.18	20.04	20.05	20.93	22.07
	4H	15.64	16.46	16.53	17.36	18.50	19.63	20.45	20.52	21.34	22.49
	6H	15.77	16.52	16.67	17.43	18.59	19.92	20.68	20.82	21.58	22.74
	8H	15.77	16.49	16.68	17.41	18.57	20.00	20.72	20.91	21.65	22.80
	12H	15.75	16.43	16.66	17.35	18.53	20.05	20.74	20.96	21.65	22.83
4H	2H	16.01	16.83	16.91	17.73	18.87	18.24	19.06	19.13	19.95	21.10
	3H	17.05	17.73	17.95	18.66	19.82	19.76	20.44	20.66	21.37	22.53
	4H	17.33	17.95	18.25	18.88	20.06	20.29	20.92	21.21	21.84	23.03
	6H	17.46	18.00	18.39	18.95	20.13	20.67	21.21	21.60	22.16	23.34
	8H	17.47	17.97	18.40	18.91	20.11	20.78	21.29	21.72	22.23	23.43
	12H	17.44	17.90	18.39	18.85	20.06	20.85	21.30	21.80	22.26	23.47
8H	4H	17.80	18.30	18.73	19.24	20.44	20.43	20.93	21.36	21.87	23.07
	6H	18.06	18.48	19.02	19.46	20.66	20.87	21.29	21.83	22.27	23.47
	8H	18.11	18.47	19.07	19.45	20.66	21.03	21.40	22.00	22.37	23.59
	12H	18.10	18.42	19.07	19.38	20.65	21.14	21.46	22.11	22.43	23.69
12H	4H	17.81	18.26	18.76	19.22	20.43	20.40	20.85	21.35	21.81	23.01
	6H	18.13	18.49	19.09	19.47	20.68	20.87	21.24	21.84	22.21	23.43
	8H	18.20	18.52	19.17	19.49	20.75	21.04	21.36	22.01	22.33	23.60