

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: P935742

Luminaire Tested: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-6500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935742
REPORT IS A COMBINATION OF REPORTS P933767 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-6500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

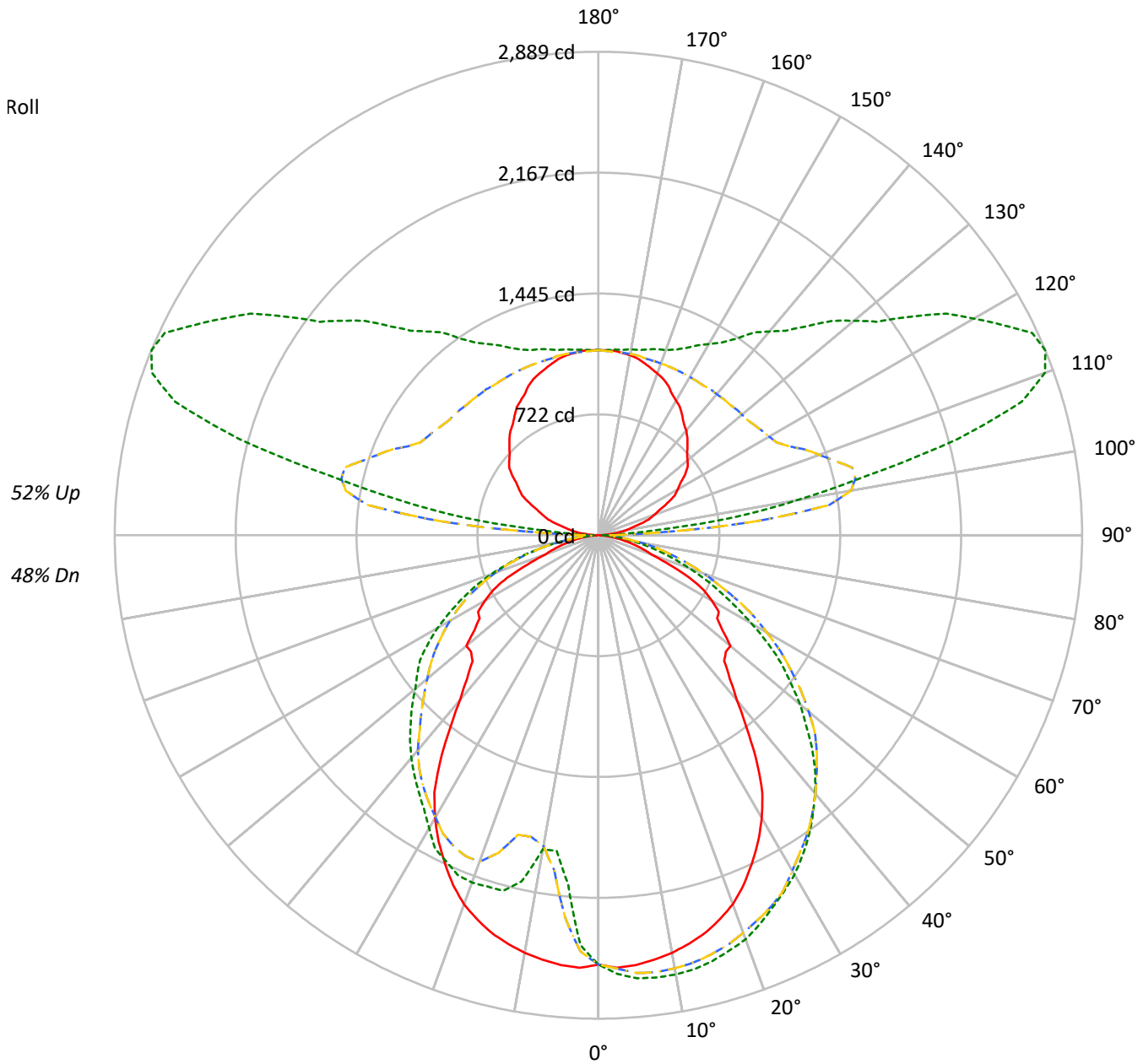
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13828.4 lumens
Efficiency: N/A
Efficacy: 122.6 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: General Diffuse

Input Watts (W): 112.8
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	50	30	10	0
RCR																					
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48	48	48	48
1	97	93	89	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41	41	41	41
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	41	39	34	34	34	34
3	81	71	64	58	74	66	60	55	56	51	47	46	43	40	38	35	33	29	29	29	29
4	74	63	55	49	68	59	52	46	50	44	40	41	37	34	34	31	28	25	25	25	25
5	68	56	48	42	62	52	45	40	44	39	35	37	33	30	30	27	25	21	21	21	21
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19	19	19	19
7	58	45	38	32	53	42	35	30	36	31	26	30	26	23	25	22	19	17	17	17	17
8	54	41	34	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15	15	15	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	16	13	13	13	13
10	47	34	27	22	43	32	26	21	28	22	19	24	19	16	20	16	14	12	12	12	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15869	15869	15869	15869
5°	15982	16019	15982	12596
10°	15869	15780	15869	11281
15°	15691	15438	15691	12891
20°	15357	15033	15357	12918
25°	14679	14442	14679	12644
30°	13805	13952	13805	12044
35°	12301	13331	12301	11383
40°	10244	12601	10244	10884
45°	9147	11747	9147	10310
50°	9711	10727	9711	9733
55°	9127	9629	9127	9400
60°	9398	8177	9398	8610
65°	8506	6760	8506	7557
70°	5875	5387	5875	6334
75°	5133	3982	5133	4769
80°	4108	2632	4108	2866
85°	2313	1395	2313	1185

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14028 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	231.6	1.7
10°-20°	657.5	4.8
20°-30°	1016.3	7.3
30°-40°	1213.3	8.8
40°-50°	1220.4	8.8
50°-60°	1061.9	7.7
60°-70°	752.9	5.4
70°-80°	398.3	2.9
80°-90°	103.4	0.7
90°-100°	539.4	3.9
100°-110°	1418.0	10.3
110°-120°	1470.3	10.6
120°-130°	1179.4	8.5
130°-140°	925.4	6.7
140°-150°	710.3	5.1
150°-160°	511.5	3.7
160°-170°	313.0	2.3
170°-180°	105.7	0.8
0°-30°	1905.3	13.8
0°-40°	3118.6	22.6
0°-60°	5400.9	39.1
0°-90°	6655.5	48.1
90°-120°	3427.7	24.8
90°-150°	6242.7	45.1
90°-180°	7173.0	51.9
0°-180°	13828.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2565	2565	2565	2565	2565	
5°	2577	2658	2577	2090	2577	245
15°	2461	2633	2461	2199	2461	692
25°	2167	2456	2167	2150	2167	995
35°	1648	2192	1648	1871	1648	1019
45°	1063	1806	1063	1585	1063	852
55°	866	1332	866	1301	866	796
65°	602	803	602	898	602	575
75°	228	381	228	456	228	240
85°	39	97	39	82	39	52
90°	8	28	8	28	8	8
95°	71	326	71	326	71	79
105°	256	2220	256	2220	256	271
115°	454	2859	454	2859	454	448
125°	631	2277	631	2277	631	560
135°	752	1767	752	1767	752	582
145°	872	1433	872	1433	872	547
155°	986	1234	986	1234	986	453
165°	1064	1150	1064	1150	1064	300
175°	1106	1114	1106	1114	1106	105
180°	1106	1106	1106	1106	1106	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2565.3	2565.3	2565.3	2565.3	2565.3	2565.3	2565.3	2565.3	2565.3	2565.3	2565.3
2.5°	2587.1	2587.1	2601.7	2606.5	2606.5	2599.2	2592.0	2599.2	2621.1	2628.4	2625.9
5°	2577.4	2596.8	2623.5	2628.4	2633.3	2630.8	2625.9	2630.8	2655.1	2659.9	2662.3
7.5°	2558.0	2594.3	2628.4	2635.7	2642.9	2635.7	2633.3	2638.0	2662.3	2667.2	2667.2
10°	2533.7	2584.7	2623.5	2628.4	2635.7	2628.4	2628.4	2638.0	2662.3	2667.2	2669.6
12.5°	2499.8	2570.2	2606.5	2611.4	2621.1	2618.6	2616.2	2625.9	2650.2	2655.1	2655.1
15°	2461.0	2543.4	2577.4	2582.3	2599.2	2594.3	2594.3	2604.1	2630.8	2638.0	2635.7
17.5°	2407.5	2509.4	2548.3	2555.5	2567.7	2565.3	2567.7	2577.4	2601.7	2606.5	2609.0
20°	2346.9	2463.3	2509.4	2516.7	2528.8	2528.8	2528.8	2541.0	2565.3	2574.9	2574.9
22.5°	2264.4	2414.8	2463.3	2468.2	2482.8	2482.8	2487.6	2504.6	2526.5	2528.8	2528.8
25°	2167.2	2361.4	2402.6	2417.3	2431.8	2439.1	2446.3	2456.1	2463.3	2461.0	2463.3
27.5°	2065.3	2293.4	2346.9	2356.5	2375.9	2383.2	2393.0	2395.4	2397.8	2405.1	2400.2
30°	1951.2	2198.8	2278.9	2288.6	2320.1	2325.0	2315.3	2320.1	2332.3	2337.1	2342.0
32.5°	1822.6	2058.0	2208.5	2230.3	2259.5	2244.9	2242.5	2249.7	2269.1	2269.1	2274.0
35°	1647.9	1948.8	2143.0	2162.4	2184.2	2167.2	2177.0	2179.4	2191.5	2198.8	2196.4
37.5°	1456.2	1854.2	2075.0	2089.6	2106.6	2084.7	2099.3	2106.6	2116.2	2111.5	2111.5
40°	1286.3	1706.1	1994.9	2004.7	2019.2	2002.2	2016.8	2021.7	2026.5	2021.7	2019.2
42.5°	1160.1	1543.5	1910.0	1922.1	1912.4	1924.5	1929.4	1939.2	1931.8	1922.1	1922.1
45°	1063.0	1499.9	1817.7	1832.4	1817.7	1837.2	1844.5	1844.5	1822.6	1817.7	1815.3
47.5°	1031.4	1412.5	1725.5	1725.5	1718.3	1742.6	1754.7	1737.7	1715.8	1708.5	1708.5
50°	1029.1	1315.4	1599.3	1589.7	1623.6	1652.8	1640.6	1623.6	1606.6	1579.9	1579.9
52.5°	934.4	1196.5	1436.8	1473.1	1526.6	1543.5	1524.1	1507.2	1478.0	1465.8	1456.2
55°	866.4	1072.7	1288.7	1361.5	1417.4	1439.2	1402.7	1385.8	1342.1	1334.8	1330.0
57.5°	851.9	893.1	1152.8	1245.1	1312.9	1310.6	1288.7	1257.1	1220.8	1213.5	1211.0
60°	781.5	645.5	1007.2	1116.4	1186.7	1179.5	1160.1	1131.0	1096.9	1092.2	1087.3
62.5°	708.6	468.4	842.1	965.9	1065.4	1063.0	1046.0	1002.3	978.1	965.9	956.2
65°	601.9	393.2	599.4	803.3	946.5	951.3	915.0	883.4	856.7	842.1	839.7
67.5°	458.7	320.3	405.3	669.8	832.5	827.6	781.5	766.9	732.9	725.7	711.1
70°	339.7	213.6	281.5	543.6	720.8	708.6	672.3	655.3	623.7	606.7	597.0
72.5°	281.5	172.3	206.3	422.3	606.7	592.2	560.6	541.2	514.5	500.0	490.2
75°	228.1	182.1	157.8	313.1	492.6	483.0	453.8	434.4	412.6	393.2	395.6
77.5°	167.4	169.9	126.2	230.5	390.7	376.2	359.1	335.0	325.2	305.8	305.8
80°	126.2	133.5	94.7	157.8	281.5	281.5	267.0	249.9	233.0	223.3	223.3
82.5°	84.9	84.9	70.4	99.5	191.7	184.4	174.7	169.9	160.2	155.3	155.3
85°	38.8	48.6	43.7	60.7	104.3	109.2	109.2	104.3	101.9	97.1	99.5
87.5°	12.1	21.8	26.7	33.9	53.4	55.8	58.2	58.2	58.2	60.7	60.7
90°	7.5	13.4	19.3	20.7	32.6	48.5	56.4	50.1	37.6	28.2	28.2
92.5°	29.7	80.2	130.7	143.3	201.5	279.0	317.8	278.5	200.0	141.1	135.5
95°	71.3	163.7	256.1	279.2	495.8	784.7	929.0	829.0	629.0	479.0	461.9
97.5°	123.3	204.7	286.3	306.7	667.8	1149.4	1390.2	1327.0	1200.6	1105.7	1073.4
100°	163.4	237.3	311.2	329.7	730.4	1264.9	1532.0	1536.6	1545.9	1552.8	1514.2
102.5°	197.5	266.5	335.5	352.7	759.2	1301.1	1572.1	1652.6	1813.7	1934.5	1901.5
105°	255.5	313.9	372.2	386.9	780.4	1305.3	1567.7	1748.2	2109.3	2380.1	2362.3
107.5°	314.9	369.3	423.8	437.4	784.5	1247.2	1478.6	1730.4	2234.0	2611.7	2616.0
110°	354.9	404.1	453.2	465.6	778.4	1195.6	1404.3	1685.8	2248.9	2671.2	2689.7



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	394.3	441.2	488.0	499.8	778.7	1150.7	1336.7	1624.8	2201.1	2633.3	2661.7
115°	453.7	496.9	540.2	551.1	786.0	1099.1	1255.8	1533.4	2088.5	2504.8	2544.2
117.5°	512.4	551.7	590.9	600.8	800.5	1066.8	1200.0	1450.5	1951.6	2327.4	2371.0
120°	546.6	583.6	620.5	629.7	812.4	1055.9	1177.7	1406.7	1864.4	2207.8	2250.2
122.5°	580.0	617.3	654.6	663.9	829.5	1050.3	1160.7	1366.9	1779.1	2088.2	2130.0
125°	631.2	665.2	699.2	707.7	852.5	1045.6	1142.2	1317.3	1667.4	1930.1	1968.6
127.5°	672.8	707.1	741.4	750.0	875.6	1042.9	1126.6	1276.9	1577.6	1803.1	1835.6
130°	695.1	732.1	769.0	778.2	892.3	1044.4	1120.6	1254.4	1522.1	1722.9	1752.9
132.5°	718.1	755.1	792.0	801.3	906.0	1045.6	1115.4	1235.2	1474.8	1654.5	1681.4
135°	752.2	785.9	819.6	828.0	920.8	1044.6	1106.5	1206.8	1407.5	1558.0	1581.2
137.5°	787.1	820.5	853.9	862.2	943.1	1051.0	1105.0	1189.8	1359.4	1486.7	1505.6
140°	816.1	846.8	877.5	885.1	956.7	1052.1	1099.8	1173.1	1319.6	1429.5	1447.3
142.5°	838.4	866.8	895.2	902.3	968.1	1055.9	1099.8	1164.2	1292.9	1389.4	1404.7
145°	872.5	897.3	922.1	928.3	983.0	1055.9	1092.4	1145.0	1250.3	1329.3	1340.9
147.5°	906.8	930.9	954.9	961.0	1004.8	1063.2	1092.4	1133.8	1216.7	1278.8	1288.4
150°	929.0	950.8	972.5	978.0	1016.1	1066.9	1092.4	1127.4	1197.3	1249.8	1257.6
152.5°	952.0	968.5	985.1	989.2	1023.6	1069.4	1092.4	1122.2	1182.0	1226.8	1232.6
155°	986.2	998.5	1010.6	1013.7	1039.9	1074.9	1092.4	1116.2	1163.7	1199.4	1203.3
157.5°	1011.5	1023.3	1035.2	1038.1	1056.2	1080.3	1092.4	1110.8	1147.8	1175.5	1178.2
160°	1028.5	1037.8	1047.0	1049.3	1063.7	1082.8	1092.4	1108.2	1139.9	1163.7	1165.2
162.5°	1045.6	1052.5	1059.5	1061.2	1071.6	1085.5	1092.4	1105.7	1132.4	1152.5	1154.0
165°	1064.1	1070.5	1076.8	1078.3	1083.0	1089.2	1092.4	1101.9	1121.1	1135.5	1137.0
167.5°	1081.3	1084.2	1087.2	1088.0	1091.9	1097.1	1099.8	1106.1	1118.7	1128.0	1128.7
170°	1092.4	1095.3	1098.3	1099.0	1099.3	1099.6	1099.8	1106.1	1118.7	1128.0	1128.0
172.5°	1098.3	1099.0	1099.6	1099.8	1099.8	1099.8	1099.8	1104.8	1114.6	1122.1	1121.5
175°	1106.5	1106.5	1106.5	1106.5	1104.3	1101.3	1099.8	1103.0	1109.3	1114.0	1114.0
177.5°	1106.5	1106.5	1106.5	1106.5	1104.8	1102.4	1101.2	1103.7	1108.7	1112.4	1111.8
180°	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2565.3	2565.3	2565.3	2565.3	2565.3	2565.3	2565.3	2565.3	2565.3	2565.3	2565.3
2.5°	2630.8	2623.5	2630.8	2625.9	2628.4	2621.1	2599.2	2592.0	2599.2	2606.5	2606.5
5°	2662.3	2657.5	2662.3	2662.3	2659.9	2655.1	2630.8	2625.9	2630.8	2633.3	2628.4
7.5°	2672.1	2664.8	2672.1	2667.2	2667.2	2662.3	2638.0	2633.3	2635.7	2642.9	2635.7
10°	2672.1	2664.8	2672.1	2669.6	2667.2	2662.3	2638.0	2628.4	2628.4	2635.7	2628.4
12.5°	2659.9	2655.1	2659.9	2655.1	2655.1	2650.2	2625.9	2616.2	2618.6	2621.1	2611.4
15°	2640.5	2633.3	2640.5	2635.7	2638.0	2630.8	2604.1	2594.3	2594.3	2599.2	2582.3
17.5°	2611.4	2601.7	2611.4	2609.0	2606.5	2601.7	2577.4	2567.7	2565.3	2567.7	2555.5
20°	2577.4	2570.2	2577.4	2574.9	2574.9	2565.3	2541.0	2528.8	2528.8	2528.8	2516.7
22.5°	2524.0	2516.7	2524.0	2528.8	2528.8	2526.5	2504.6	2487.6	2482.8	2482.8	2468.2
25°	2463.3	2456.1	2463.3	2463.3	2461.0	2463.3	2456.1	2446.3	2439.1	2431.8	2417.3
27.5°	2405.1	2400.2	2405.1	2400.2	2405.1	2397.8	2395.4	2393.0	2383.2	2375.9	2356.5
30°	2346.9	2342.0	2346.9	2342.0	2337.1	2332.3	2320.1	2315.3	2325.0	2320.1	2288.6
32.5°	2274.0	2269.1	2274.0	2274.0	2269.1	2269.1	2249.7	2242.5	2244.9	2259.5	2230.3
35°	2198.8	2191.5	2198.8	2196.4	2198.8	2191.5	2179.4	2177.0	2167.2	2184.2	2162.4
37.5°	2111.5	2104.1	2111.5	2111.5	2111.5	2116.2	2106.6	2099.3	2084.7	2106.6	2089.6
40°	2021.7	2011.9	2021.7	2019.2	2021.7	2026.5	2021.7	2016.8	2002.2	2019.2	2004.7
42.5°	1919.7	1917.3	1919.7	1922.1	1922.1	1931.8	1939.2	1929.4	1924.5	1912.4	1922.1
45°	1810.5	1805.7	1810.5	1815.3	1817.7	1822.6	1844.5	1844.5	1837.2	1817.7	1832.4
47.5°	1694.0	1681.8	1694.0	1708.5	1708.5	1715.8	1737.7	1754.7	1742.6	1718.3	1725.5
50°	1570.3	1572.7	1570.3	1579.9	1579.9	1606.6	1623.6	1640.6	1652.8	1623.6	1589.7
52.5°	1448.9	1446.4	1448.9	1456.2	1465.8	1478.0	1507.2	1524.1	1543.5	1526.6	1473.1
55°	1327.5	1332.4	1327.5	1330.0	1334.8	1342.1	1385.8	1402.7	1439.2	1417.4	1361.5
57.5°	1206.1	1198.9	1206.1	1211.0	1213.5	1220.8	1257.1	1288.7	1310.6	1312.9	1245.1
60°	1065.4	1055.7	1065.4	1087.3	1092.2	1096.9	1131.0	1160.1	1179.5	1186.7	1116.4
62.5°	941.7	924.6	941.7	956.2	965.9	978.1	1002.3	1046.0	1063.0	1065.4	965.9
65°	810.6	803.3	810.6	839.7	842.1	856.7	883.4	915.0	951.3	946.5	803.3
67.5°	691.7	691.7	691.7	711.1	725.7	732.9	766.9	781.5	827.6	832.5	669.8
70°	582.4	580.0	582.4	597.0	606.7	623.7	655.3	672.3	708.6	720.8	543.6
72.5°	478.1	475.7	478.1	490.2	500.0	514.5	541.2	560.6	592.2	606.7	422.3
75°	385.9	381.0	385.9	395.6	393.2	412.6	434.4	453.8	483.0	492.6	313.1
77.5°	296.1	296.1	296.1	305.8	305.8	325.2	335.0	359.1	376.2	390.7	230.5
80°	220.9	218.4	220.9	223.3	223.3	233.0	249.9	267.0	281.5	281.5	157.8
82.5°	155.3	150.5	155.3	155.3	155.3	160.2	169.9	174.7	184.4	191.7	99.5
85°	97.1	97.1	97.1	99.5	97.1	101.9	104.3	109.2	109.2	104.3	60.7
87.5°	63.1	60.7	63.1	60.7	60.7	58.2	58.2	58.2	55.8	53.4	33.9
90°	28.2	28.2	28.2	28.2	28.2	37.6	50.1	56.4	48.5	32.6	20.7
92.5°	113.0	90.6	113.0	135.5	141.1	200.0	278.5	317.8	279.0	201.5	143.3
95°	394.0	326.0	394.0	461.9	479.0	629.0	829.0	929.0	784.7	495.8	279.2
97.5°	944.0	814.7	944.0	1073.4	1105.7	1200.6	1327.0	1390.2	1149.4	667.8	306.7
100°	1360.2	1206.0	1360.2	1514.2	1552.8	1545.9	1536.6	1532.0	1264.9	730.4	329.7
102.5°	1769.4	1637.5	1769.4	1901.5	1934.5	1813.7	1652.6	1572.1	1301.1	759.2	352.7
105°	2291.3	2220.4	2291.3	2362.3	2380.1	2109.3	1748.2	1567.7	1305.3	780.4	386.9
107.5°	2633.2	2650.4	2633.2	2616.0	2611.7	2234.0	1730.4	1478.6	1247.2	784.5	437.4
110°	2763.6	2837.5	2763.6	2689.7	2671.2	2248.9	1685.8	1404.3	1195.6	778.4	465.6



TEST NUMBER: P935742

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-6500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2775.2	2888.8	2775.2	2661.7	2633.3	2201.1	1624.8	1336.7	1150.7	778.7	499.8
115°	2701.6	2859.0	2701.6	2544.2	2504.8	2088.5	1533.4	1255.8	1099.1	786.0	551.1
117.5°	2545.6	2720.2	2545.6	2371.0	2327.4	1951.6	1450.5	1200.0	1066.8	800.5	600.8
120°	2419.8	2589.5	2419.8	2250.2	2207.8	1864.4	1406.7	1177.7	1055.9	812.4	629.7
122.5°	2297.3	2464.7	2297.3	2130.0	2088.2	1779.1	1366.9	1160.7	1050.3	829.5	663.9
125°	2122.7	2276.9	2122.7	1968.6	1930.1	1667.4	1317.3	1142.2	1045.6	852.5	707.7
127.5°	1965.6	2095.7	1965.6	1835.6	1803.1	1577.6	1276.9	1126.6	1042.9	875.6	750.0
130°	1873.1	1993.2	1873.1	1752.9	1722.9	1522.1	1254.4	1120.6	1044.4	892.3	778.2
132.5°	1789.0	1896.6	1789.0	1681.4	1654.5	1474.8	1235.2	1115.4	1045.6	906.0	801.3
135°	1673.9	1766.7	1673.9	1581.2	1558.0	1407.5	1206.8	1106.5	1044.6	920.8	828.0
137.5°	1581.5	1657.5	1581.5	1505.6	1486.7	1359.4	1189.8	1105.0	1051.0	943.1	862.2
140°	1518.2	1589.2	1518.2	1447.3	1429.5	1319.6	1173.1	1099.8	1052.1	956.7	885.1
142.5°	1465.7	1526.8	1465.7	1404.7	1389.4	1292.9	1164.2	1099.8	1055.9	968.1	902.3
145°	1387.1	1433.2	1387.1	1340.9	1329.3	1250.3	1145.0	1092.4	1055.9	983.0	928.3
147.5°	1326.7	1365.0	1326.7	1288.4	1278.8	1216.7	1133.8	1092.4	1063.2	1004.8	961.0
150°	1288.7	1319.6	1288.7	1257.6	1249.8	1197.3	1127.4	1092.4	1066.9	1016.1	978.0
152.5°	1256.1	1279.5	1256.1	1232.6	1226.8	1182.0	1122.2	1092.4	1069.4	1023.6	989.2
155°	1218.8	1234.3	1218.8	1203.3	1199.4	1163.7	1116.2	1092.4	1074.9	1039.9	1013.7
157.5°	1189.1	1200.0	1189.1	1178.2	1175.5	1147.8	1110.8	1092.4	1080.3	1056.2	1038.1
160°	1171.5	1177.7	1171.5	1165.2	1163.7	1139.9	1108.2	1092.4	1082.8	1063.7	1049.3
162.5°	1160.0	1165.9	1160.0	1154.0	1152.5	1132.4	1105.7	1092.4	1085.5	1071.6	1061.2
165°	1143.3	1149.5	1143.3	1137.0	1135.5	1121.1	1101.9	1092.4	1089.2	1083.0	1078.3
167.5°	1131.3	1133.9	1131.3	1128.7	1128.0	1118.7	1106.1	1099.8	1097.1	1091.9	1088.0
170°	1128.0	1128.0	1128.0	1128.0	1128.0	1118.7	1106.1	1099.8	1099.6	1099.3	1099.0
172.5°	1119.2	1116.9	1119.2	1121.5	1122.1	1114.6	1104.8	1099.8	1099.8	1099.8	1099.8
175°	1114.0	1114.0	1114.0	1114.0	1114.0	1109.3	1103.0	1099.8	1101.3	1104.3	1106.5
177.5°	1109.2	1106.5	1109.2	1111.8	1112.4	1108.7	1103.7	1101.2	1102.4	1104.8	1106.5
180°	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5



TEST NUMBER: P935742

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-6500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2565.3	2565.3	2565.3	2565.3	2565.3	2565.3	2565.3	2565.3	2565.3	2565.3	2565.3
2.5°	2601.7	2587.1	2587.1	2562.9	2553.1	2545.9	2533.7	2497.3	2487.6	2477.9	2492.4
5°	2623.5	2596.8	2577.4	2533.7	2497.3	2482.8	2436.7	2349.3	2291.0	2247.3	2223.1
7.5°	2628.4	2594.3	2558.0	2490.0	2402.6	2363.8	2223.1	2062.9	2019.2	1980.4	1956.1
10°	2623.5	2584.7	2533.7	2431.8	2225.5	2157.6	2016.8	1912.4	1885.7	1878.4	1885.7
12.5°	2606.5	2570.2	2499.8	2329.9	2041.1	1994.9	1912.4	1851.8	1846.9	1859.0	1924.5
15°	2577.4	2543.4	2461.0	2194.0	1939.2	1905.1	1846.9	1825.1	1851.8	1936.7	2133.3
17.5°	2548.3	2509.4	2407.5	2060.5	1861.4	1837.2	1795.9	1839.6	1990.1	2104.1	2169.7
20°	2509.4	2463.3	2346.9	1963.4	1805.7	1783.8	1764.4	1961.0	2075.0	2116.2	2152.7
22.5°	2463.3	2414.8	2264.4	1895.5	1747.3	1730.4	1742.6	2028.9	2075.0	2104.1	2135.7
25°	2402.6	2361.4	2167.2	1842.0	1701.3	1681.8	1727.9	2021.7	2048.4	2055.6	2118.7
27.5°	2346.9	2293.4	2065.3	1793.5	1645.4	1638.1	1740.1	1990.1	2009.5	2016.8	2084.7
30°	2278.9	2198.8	1951.2	1742.6	1587.2	1584.8	1742.6	1951.2	1946.4	1965.8	2033.7
32.5°	2208.5	2058.0	1822.6	1679.5	1531.4	1529.0	1725.5	1893.0	1888.2	1914.9	1965.8
35°	2143.0	1948.8	1647.9	1606.6	1461.0	1463.5	1684.3	1825.1	1827.5	1851.8	1883.3
37.5°	2075.0	1854.2	1456.2	1526.6	1393.1	1393.1	1628.5	1762.0	1757.1	1764.4	1808.1
40°	1994.9	1706.1	1286.3	1422.1	1330.0	1322.7	1560.5	1694.0	1677.0	1674.6	1735.3
42.5°	1910.0	1543.5	1160.1	1283.9	1257.1	1247.4	1478.0	1611.5	1579.9	1587.2	1664.8
45°	1817.7	1499.9	1063.0	1084.8	1182.0	1174.6	1388.2	1516.8	1495.0	1514.4	1594.5
47.5°	1725.5	1412.5	1031.4	900.4	1101.8	1099.4	1288.7	1424.6	1412.5	1431.9	1516.8
50°	1599.3	1315.4	1029.1	771.7	1012.0	1021.7	1169.8	1334.8	1334.8	1351.8	1441.6
52.5°	1436.8	1196.5	934.4	699.0	907.7	936.8	1065.4	1257.1	1262.0	1279.0	1359.0
55°	1288.7	1072.7	866.4	643.1	783.9	847.0	963.5	1177.1	1186.7	1203.8	1276.5
57.5°	1152.8	893.1	851.9	577.6	669.8	730.5	873.7	1099.4	1104.2	1118.8	1189.2
60°	1007.2	645.5	781.5	507.3	570.4	616.5	791.2	1007.2	1024.2	1033.8	1094.6
62.5°	842.1	468.4	708.6	458.7	521.8	531.5	723.3	919.8	941.7	948.9	985.4
65°	599.4	393.2	601.9	417.5	470.8	473.2	650.4	830.0	849.4	861.5	888.3
67.5°	405.3	320.3	458.7	378.6	432.0	434.4	580.0	725.7	752.3	762.1	779.0
70°	281.5	213.6	339.7	337.3	388.3	393.2	504.8	631.0	655.3	662.5	672.3
72.5°	206.3	172.3	281.5	303.4	342.2	347.1	427.1	524.2	548.5	555.7	560.6
75°	157.8	182.1	228.1	264.6	291.3	293.6	349.5	427.1	444.2	449.0	451.4
77.5°	126.2	169.9	167.4	213.6	237.8	233.0	274.2	330.1	344.6	344.6	344.6
80°	94.7	133.5	126.2	152.9	174.7	169.9	196.6	235.4	240.3	245.1	242.7
82.5°	70.4	84.9	84.9	97.1	116.5	111.7	131.1	152.9	152.9	152.9	157.8
85°	43.7	48.6	38.8	51.0	65.5	63.1	72.8	82.5	84.9	84.9	80.1
87.5°	26.7	21.8	12.1	19.4	29.2	29.2	33.9	36.4	33.9	33.9	33.9
90°	19.3	13.4	7.5	13.4	19.3	20.7	32.6	48.5	56.4	50.1	37.6
92.5°	130.7	80.2	29.7	80.2	130.7	143.3	201.5	279.0	317.8	278.5	200.0
95°	256.1	163.7	71.3	163.7	256.1	279.2	495.8	784.7	929.0	829.0	629.0
97.5°	286.3	204.7	123.3	204.7	286.3	306.7	667.8	1149.4	1390.2	1327.0	1200.6
100°	311.2	237.3	163.4	237.3	311.2	329.7	730.4	1264.9	1532.0	1536.6	1545.9
102.5°	335.5	266.5	197.5	266.5	335.5	352.7	759.2	1301.1	1572.1	1652.6	1813.7
105°	372.2	313.9	255.5	313.9	372.2	386.9	780.4	1305.3	1567.7	1748.2	2109.3
107.5°	423.8	369.3	314.9	369.3	423.8	437.4	784.5	1247.2	1478.6	1730.4	2234.0
110°	453.2	404.1	354.9	404.1	453.2	465.6	778.4	1195.6	1404.3	1685.8	2248.9



TEST NUMBER: P935742

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-6500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	488.0	441.2	394.3	441.2	488.0	499.8	778.7	1150.7	1336.7	1624.8	2201.1
115°	540.2	496.9	453.7	496.9	540.2	551.1	786.0	1099.1	1255.8	1533.4	2088.5
117.5°	590.9	551.7	512.4	551.7	590.9	600.8	800.5	1066.8	1200.0	1450.5	1951.6
120°	620.5	583.6	546.6	583.6	620.5	629.7	812.4	1055.9	1177.7	1406.7	1864.4
122.5°	654.6	617.3	580.0	617.3	654.6	663.9	829.5	1050.3	1160.7	1366.9	1779.1
125°	699.2	665.2	631.2	665.2	699.2	707.7	852.5	1045.6	1142.2	1317.3	1667.4
127.5°	741.4	707.1	672.8	707.1	741.4	750.0	875.6	1042.9	1126.6	1276.9	1577.6
130°	769.0	732.1	695.1	732.1	769.0	778.2	892.3	1044.4	1120.6	1254.4	1522.1
132.5°	792.0	755.1	718.1	755.1	792.0	801.3	906.0	1045.6	1115.4	1235.2	1474.8
135°	819.6	785.9	752.2	785.9	819.6	828.0	920.8	1044.6	1106.5	1206.8	1407.5
137.5°	853.9	820.5	787.1	820.5	853.9	862.2	943.1	1051.0	1105.0	1189.8	1359.4
140°	877.5	846.8	816.1	846.8	877.5	885.1	956.7	1052.1	1099.8	1173.1	1319.6
142.5°	895.2	866.8	838.4	866.8	895.2	902.3	968.1	1055.9	1099.8	1164.2	1292.9
145°	922.1	897.3	872.5	897.3	922.1	928.3	983.0	1055.9	1092.4	1145.0	1250.3
147.5°	954.9	930.9	906.8	930.9	954.9	961.0	1004.8	1063.2	1092.4	1133.8	1216.7
150°	972.5	950.8	929.0	950.8	972.5	978.0	1016.1	1066.9	1092.4	1127.4	1197.3
152.5°	985.1	968.5	952.0	968.5	985.1	989.2	1023.6	1069.4	1092.4	1122.2	1182.0
155°	1010.6	998.5	986.2	998.5	1010.6	1013.7	1039.9	1074.9	1092.4	1116.2	1163.7
157.5°	1035.2	1023.3	1011.5	1023.3	1035.2	1038.1	1056.2	1080.3	1092.4	1110.8	1147.8
160°	1047.0	1037.8	1028.5	1037.8	1047.0	1049.3	1063.7	1082.8	1092.4	1108.2	1139.9
162.5°	1059.5	1052.5	1045.6	1052.5	1059.5	1061.2	1071.6	1085.5	1092.4	1105.7	1132.4
165°	1076.8	1070.5	1064.1	1070.5	1076.8	1078.3	1083.0	1089.2	1092.4	1101.9	1121.1
167.5°	1087.2	1084.2	1081.3	1084.2	1087.2	1088.0	1091.9	1097.1	1099.8	1106.1	1118.7
170°	1098.3	1095.3	1092.4	1095.3	1098.3	1099.0	1099.3	1099.6	1099.8	1106.1	1118.7
172.5°	1099.6	1099.0	1098.3	1099.0	1099.6	1099.8	1099.8	1099.8	1099.8	1104.8	1114.6
175°	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1104.3	1101.3	1099.8	1103.0	1109.3
177.5°	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1104.8	1102.4	1101.2	1103.7	1108.7
180°	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5



TEST NUMBER: P935742

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-6500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2565.3	2565.3	2565.3	2565.3	2565.3	2565.3	2565.3	2565.3	2565.3	2565.3	2565.3
2.5°	2475.5	2468.2	2477.9	2451.2	2477.9	2468.2	2475.5	2492.4	2477.9	2487.6	2497.3
5°	2172.1	2159.9	2121.1	2089.6	2121.1	2159.9	2172.1	2223.1	2247.3	2291.0	2349.3
7.5°	1941.5	1931.8	1922.1	1902.7	1922.1	1931.8	1941.5	1956.1	1980.4	2019.2	2062.9
10°	1890.6	1893.0	1907.6	1905.1	1907.6	1893.0	1890.6	1885.7	1878.4	1885.7	1912.4
12.5°	2021.7	2043.5	2123.6	2118.7	2123.6	2043.5	2021.7	1924.5	1859.0	1846.9	1851.8
15°	2172.1	2179.4	2196.4	2198.8	2196.4	2179.4	2172.1	2133.3	1936.7	1851.8	1825.1
17.5°	2186.6	2189.1	2201.3	2201.3	2201.3	2189.1	2186.6	2169.7	2104.1	1990.1	1839.6
20°	2174.6	2179.4	2203.6	2208.5	2203.6	2179.4	2174.6	2152.7	2116.2	2075.0	1961.0
22.5°	2169.7	2179.4	2198.8	2196.4	2198.8	2179.4	2169.7	2135.7	2104.1	2075.0	2028.9
25°	2145.4	2145.4	2147.8	2150.3	2147.8	2145.4	2145.4	2118.7	2055.6	2048.4	2021.7
27.5°	2094.4	2099.3	2113.9	2111.5	2113.9	2099.3	2094.4	2084.7	2016.8	2009.5	1990.1
30°	2048.4	2043.5	2031.3	2021.7	2031.3	2043.5	2048.4	2033.7	1965.8	1946.4	1951.2
32.5°	1970.7	1958.6	1946.4	1939.2	1946.4	1958.6	1970.7	1965.8	1914.9	1888.2	1893.0
35°	1878.4	1880.8	1878.4	1871.2	1878.4	1880.8	1878.4	1883.3	1851.8	1827.5	1825.1
37.5°	1812.9	1817.7	1815.3	1805.7	1815.3	1817.7	1812.9	1808.1	1764.4	1757.1	1762.0
40°	1745.0	1747.3	1745.0	1737.7	1745.0	1747.3	1745.0	1735.3	1674.6	1677.0	1694.0
42.5°	1679.5	1677.0	1669.7	1664.8	1669.7	1677.0	1679.5	1664.8	1587.2	1579.9	1611.5
45°	1604.2	1606.6	1592.1	1584.8	1592.1	1606.6	1604.2	1594.5	1514.4	1495.0	1516.8
47.5°	1529.0	1529.0	1516.8	1509.5	1516.8	1529.0	1529.0	1516.8	1431.9	1412.5	1424.6
50°	1448.9	1446.4	1429.5	1427.0	1429.5	1446.4	1448.9	1441.6	1351.8	1334.8	1334.8
52.5°	1356.6	1356.6	1359.0	1363.9	1359.0	1356.6	1356.6	1359.0	1279.0	1262.0	1257.1
55°	1276.5	1279.0	1296.0	1300.8	1296.0	1279.0	1276.5	1276.5	1203.8	1186.7	1177.1
57.5°	1194.1	1194.1	1206.1	1206.1	1206.1	1194.1	1194.1	1189.2	1118.8	1104.2	1099.4
60°	1099.4	1104.2	1114.0	1111.6	1114.0	1104.2	1099.4	1094.6	1033.8	1024.2	1007.2
62.5°	999.9	1004.8	1007.2	1002.3	1007.2	1004.8	999.9	985.4	948.9	941.7	919.8
65°	895.6	900.4	902.8	898.0	902.8	900.4	895.6	888.3	861.5	849.4	830.0
67.5°	788.8	786.3	783.9	793.6	783.9	786.3	788.8	779.0	762.1	752.3	725.7
70°	679.6	679.6	677.1	682.0	677.1	679.6	679.6	672.3	662.5	655.3	631.0
72.5°	563.0	560.6	570.4	563.0	570.4	560.6	563.0	560.6	555.7	548.5	524.2
75°	449.0	453.8	449.0	456.3	449.0	453.8	449.0	451.4	449.0	444.2	427.1
77.5°	342.2	347.1	342.2	342.2	342.2	347.1	342.2	344.6	344.6	344.6	330.1
80°	242.7	240.3	240.3	237.8	240.3	240.3	242.7	242.7	245.1	240.3	235.4
82.5°	155.3	152.9	152.9	157.8	152.9	152.9	155.3	157.8	152.9	152.9	152.9
85°	84.9	87.4	82.5	82.5	82.5	87.4	84.9	80.1	84.9	84.9	82.5
87.5°	31.6	29.2	29.2	29.2	29.2	29.2	31.6	33.9	33.9	33.9	36.4
90°	28.2	28.2	28.2	28.2	28.2	28.2	28.2	37.6	50.1	56.4	48.5
92.5°	141.1	135.5	113.0	90.6	113.0	135.5	141.1	200.0	278.5	317.8	279.0
95°	479.0	461.9	394.0	326.0	394.0	461.9	479.0	629.0	829.0	929.0	784.7
97.5°	1105.7	1073.4	944.0	814.7	944.0	1073.4	1105.7	1200.6	1327.0	1390.2	1149.4
100°	1552.8	1514.2	1360.2	1206.0	1360.2	1514.2	1552.8	1545.9	1536.6	1532.0	1264.9
102.5°	1934.5	1901.5	1769.4	1637.5	1769.4	1901.5	1934.5	1813.7	1652.6	1572.1	1301.1
105°	2380.1	2362.3	2291.3	2220.4	2291.3	2362.3	2380.1	2109.3	1748.2	1567.7	1305.3
107.5°	2611.7	2616.0	2633.2	2650.4	2633.2	2616.0	2611.7	2234.0	1730.4	1478.6	1247.2
110°	2671.2	2689.7	2763.6	2837.5	2763.6	2689.7	2671.2	2248.9	1685.8	1404.3	1195.6



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2633.3	2661.7	2775.2	2888.8	2775.2	2661.7	2633.3	2201.1	1624.8	1336.7	1150.7
115°	2504.8	2544.2	2701.6	2859.0	2701.6	2544.2	2504.8	2088.5	1533.4	1255.8	1099.1
117.5°	2327.4	2371.0	2545.6	2720.2	2545.6	2371.0	2327.4	1951.6	1450.5	1200.0	1066.8
120°	2207.8	2250.2	2419.8	2589.5	2419.8	2250.2	2207.8	1864.4	1406.7	1177.7	1055.9
122.5°	2088.2	2130.0	2297.3	2464.7	2297.3	2130.0	2088.2	1779.1	1366.9	1160.7	1050.3
125°	1930.1	1968.6	2122.7	2276.9	2122.7	1968.6	1930.1	1667.4	1317.3	1142.2	1045.6
127.5°	1803.1	1835.6	1965.6	2095.7	1965.6	1835.6	1803.1	1577.6	1276.9	1126.6	1042.9
130°	1722.9	1752.9	1873.1	1993.2	1873.1	1752.9	1722.9	1522.1	1254.4	1120.6	1044.4
132.5°	1654.5	1681.4	1789.0	1896.6	1789.0	1681.4	1654.5	1474.8	1235.2	1115.4	1045.6
135°	1558.0	1581.2	1673.9	1766.7	1673.9	1581.2	1558.0	1407.5	1206.8	1106.5	1044.6
137.5°	1486.7	1505.6	1581.5	1657.5	1581.5	1505.6	1486.7	1359.4	1189.8	1105.0	1051.0
140°	1429.5	1447.3	1518.2	1589.2	1518.2	1447.3	1429.5	1319.6	1173.1	1099.8	1052.1
142.5°	1389.4	1404.7	1465.7	1526.8	1465.7	1404.7	1389.4	1292.9	1164.2	1099.8	1055.9
145°	1329.3	1340.9	1387.1	1433.2	1387.1	1340.9	1329.3	1250.3	1145.0	1092.4	1055.9
147.5°	1278.8	1288.4	1326.7	1365.0	1326.7	1288.4	1278.8	1216.7	1133.8	1092.4	1063.2
150°	1249.8	1257.6	1288.7	1319.6	1288.7	1257.6	1249.8	1197.3	1127.4	1092.4	1066.9
152.5°	1226.8	1232.6	1256.1	1279.5	1256.1	1232.6	1226.8	1182.0	1122.2	1092.4	1069.4
155°	1199.4	1203.3	1218.8	1234.3	1218.8	1203.3	1199.4	1163.7	1116.2	1092.4	1074.9
157.5°	1175.5	1178.2	1189.1	1200.0	1189.1	1178.2	1175.5	1147.8	1110.8	1092.4	1080.3
160°	1163.7	1165.2	1171.5	1177.7	1171.5	1165.2	1163.7	1139.9	1108.2	1092.4	1082.8
162.5°	1152.5	1154.0	1160.0	1165.9	1160.0	1154.0	1152.5	1132.4	1105.7	1092.4	1085.5
165°	1135.5	1137.0	1143.3	1149.5	1143.3	1137.0	1135.5	1121.1	1101.9	1092.4	1089.2
167.5°	1128.0	1128.7	1131.3	1133.9	1131.3	1128.7	1128.0	1118.7	1106.1	1099.8	1097.1
170°	1128.0	1128.0	1128.0	1128.0	1128.0	1128.0	1128.0	1118.7	1106.1	1099.8	1099.6
172.5°	1122.1	1121.5	1119.2	1116.9	1119.2	1121.5	1122.1	1114.6	1104.8	1099.8	1099.8
175°	1114.0	1114.0	1114.0	1114.0	1114.0	1114.0	1114.0	1109.3	1103.0	1099.8	1101.3
177.5°	1112.4	1111.8	1109.2	1106.5	1109.2	1111.8	1112.4	1108.7	1103.7	1101.2	1102.4
180°	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2565.3	2565.3	2565.3	2565.3	2565.3
2.5°	2533.7	2545.9	2553.1	2562.9	2587.1
5°	2436.7	2482.8	2497.3	2533.7	2577.4
7.5°	2223.1	2363.8	2402.6	2490.0	2558.0
10°	2016.8	2157.6	2225.5	2431.8	2533.7
12.5°	1912.4	1994.9	2041.1	2329.9	2499.8
15°	1846.9	1905.1	1939.2	2194.0	2461.0
17.5°	1795.9	1837.2	1861.4	2060.5	2407.5
20°	1764.4	1783.8	1805.7	1963.4	2346.9
22.5°	1742.6	1730.4	1747.3	1895.5	2264.4
25°	1727.9	1681.8	1701.3	1842.0	2167.2
27.5°	1740.1	1638.1	1645.4	1793.5	2065.3
30°	1742.6	1584.8	1587.2	1742.6	1951.2
32.5°	1725.5	1529.0	1531.4	1679.5	1822.6
35°	1684.3	1463.5	1461.0	1606.6	1647.9
37.5°	1628.5	1393.1	1393.1	1526.6	1456.2
40°	1560.5	1322.7	1330.0	1422.1	1286.3
42.5°	1478.0	1247.4	1257.1	1283.9	1160.1
45°	1388.2	1174.6	1182.0	1084.8	1063.0
47.5°	1288.7	1099.4	1101.8	900.4	1031.4
50°	1169.8	1021.7	1012.0	771.7	1029.1
52.5°	1065.4	936.8	907.7	699.0	934.4
55°	963.5	847.0	783.9	643.1	866.4
57.5°	873.7	730.5	669.8	577.6	851.9
60°	791.2	616.5	570.4	507.3	781.5
62.5°	723.3	531.5	521.8	458.7	708.6
65°	650.4	473.2	470.8	417.5	601.9
67.5°	580.0	434.4	432.0	378.6	458.7
70°	504.8	393.2	388.3	337.3	339.7
72.5°	427.1	347.1	342.2	303.4	281.5
75°	349.5	293.6	291.3	264.6	228.1
77.5°	274.2	233.0	237.8	213.6	167.4
80°	196.6	169.9	174.7	152.9	126.2
82.5°	131.1	111.7	116.5	97.1	84.9
85°	72.8	63.1	65.5	51.0	38.8
87.5°	33.9	29.2	29.2	19.4	12.1
90°	32.6	20.7	19.3	13.4	7.5
92.5°	201.5	143.3	130.7	80.2	29.7
95°	495.8	279.2	256.1	163.7	71.3
97.5°	667.8	306.7	286.3	204.7	123.3
100°	730.4	329.7	311.2	237.3	163.4
102.5°	759.2	352.7	335.5	266.5	197.5
105°	780.4	386.9	372.2	313.9	255.5
107.5°	784.5	437.4	423.8	369.3	314.9
110°	778.4	465.6	453.2	404.1	354.9



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CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-6500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	778.7	499.8	488.0	441.2	394.3
115°	786.0	551.1	540.2	496.9	453.7
117.5°	800.5	600.8	590.9	551.7	512.4
120°	812.4	629.7	620.5	583.6	546.6
122.5°	829.5	663.9	654.6	617.3	580.0
125°	852.5	707.7	699.2	665.2	631.2
127.5°	875.6	750.0	741.4	707.1	672.8
130°	892.3	778.2	769.0	732.1	695.1
132.5°	906.0	801.3	792.0	755.1	718.1
135°	920.8	828.0	819.6	785.9	752.2
137.5°	943.1	862.2	853.9	820.5	787.1
140°	956.7	885.1	877.5	846.8	816.1
142.5°	968.1	902.3	895.2	866.8	838.4
145°	983.0	928.3	922.1	897.3	872.5
147.5°	1004.8	961.0	954.9	930.9	906.8
150°	1016.1	978.0	972.5	950.8	929.0
152.5°	1023.6	989.2	985.1	968.5	952.0
155°	1039.9	1013.7	1010.6	998.5	986.2
157.5°	1056.2	1038.1	1035.2	1023.3	1011.5
160°	1063.7	1049.3	1047.0	1037.8	1028.5
162.5°	1071.6	1061.2	1059.5	1052.5	1045.6
165°	1083.0	1078.3	1076.8	1070.5	1064.1
167.5°	1091.9	1088.0	1087.2	1084.2	1081.3
170°	1099.3	1099.0	1098.3	1095.3	1092.4
172.5°	1099.8	1099.8	1099.6	1099.0	1098.3
175°	1104.3	1106.5	1106.5	1106.5	1106.5
177.5°	1104.8	1106.5	1106.5	1106.5	1106.5
180°	1106.5	1106.5	1106.5	1106.5	1106.5



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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	14.23	15.08	15.20	16.06	17.36	17.06	17.90	18.03	18.89	20.18
	3H	14.71	15.46	15.69	16.46	17.78	18.40	19.15	19.38	20.15	21.47
	4H	14.90	15.61	15.90	16.61	17.94	18.84	19.56	19.84	20.56	21.88
	6H	15.02	15.68	16.02	16.68	18.02	19.12	19.78	20.13	20.79	22.13
	8H	15.02	15.64	16.03	16.67	18.00	19.20	19.82	20.21	20.85	22.18
	12H	14.99	15.58	16.01	16.60	17.96	19.23	19.83	20.25	20.85	22.21
4H	2H	15.26	15.98	16.26	16.98	18.30	17.46	18.18	18.47	19.18	20.51
	3H	16.29	16.88	17.30	17.91	19.25	18.97	19.56	19.98	20.59	21.93
	4H	16.56	17.11	17.58	18.13	19.49	19.49	20.04	20.51	21.06	22.42
	6H	16.69	17.16	17.72	18.20	19.56	19.85	20.32	20.89	21.37	22.73
	8H	16.69	17.13	17.72	18.17	19.54	19.96	20.40	20.99	21.44	22.81
	12H	16.66	17.05	17.71	18.11	19.49	20.02	20.41	21.07	21.46	22.84
8H	4H	17.01	17.45	18.05	18.49	19.86	19.62	20.05	20.65	21.09	22.47
	6H	17.27	17.64	18.33	18.72	20.09	20.05	20.41	21.11	21.49	22.86
	8H	17.32	17.63	18.38	18.70	20.09	20.20	20.52	21.26	21.58	22.98
	12H	17.30	17.58	18.37	18.64	20.07	20.30	20.58	21.36	21.64	23.07
12H	4H	17.02	17.41	18.07	18.47	19.85	19.58	19.98	20.63	21.03	22.41
	6H	17.33	17.65	18.40	18.72	20.11	20.05	20.37	21.11	21.43	22.82
	8H	17.40	17.68	18.47	18.74	20.17	20.21	20.49	21.27	21.55	22.98