

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: P935741

Luminaire Tested: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935741
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-6-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

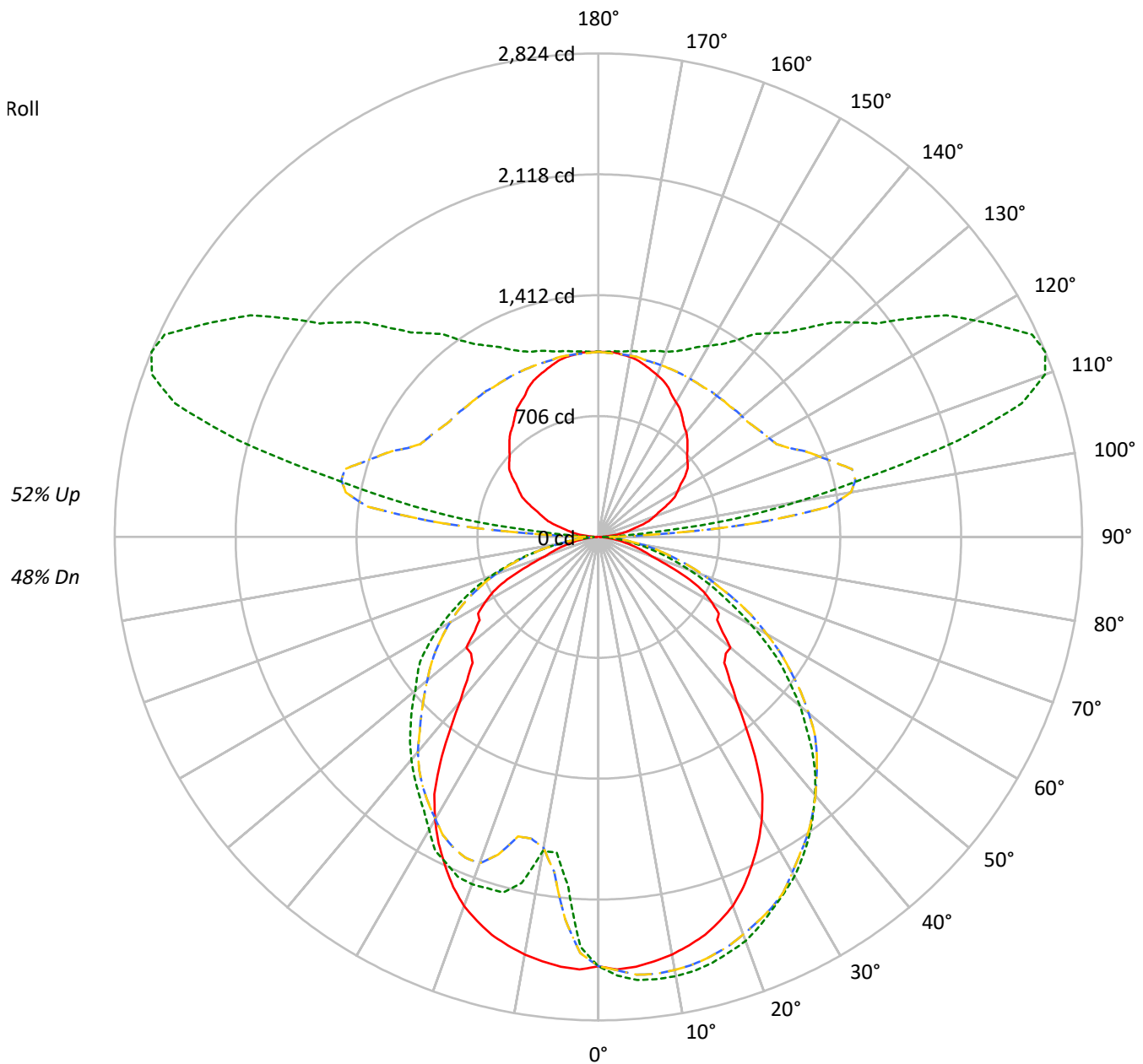
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13517.7 lumens
Efficiency: N/A
Efficacy: 119.8 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: 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	0
RCR																		
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48
1	97	93	89	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	41	39	34
3	81	71	64	58	74	66	60	55	56	51	47	46	43	40	38	35	33	29
4	74	63	55	49	68	59	52	46	50	44	40	41	37	34	34	31	28	25
5	68	56	48	42	62	52	45	40	44	39	35	37	33	30	30	27	25	21
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19
7	58	45	38	32	53	42	35	30	36	31	26	30	26	23	25	22	19	17
8	54	41	34	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	16	13
10	47	34	27	22	43	32	26	21	28	22	19	24	19	16	20	16	14	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15512	15512	15512	15512
5°	15623	15659	15623	12313
10°	15513	15425	15513	11028
15°	15339	15091	15339	12601
20°	15011	14695	15011	12628
25°	14349	14118	14349	12360
30°	13495	13638	13495	11773
35°	12025	13032	12025	11127
40°	10014	12318	10014	10639
45°	8942	11483	8942	10078
50°	9492	10486	9492	9515
55°	8922	9412	8922	9189
60°	9186	7994	9186	8417
65°	8316	6607	8316	7387
70°	5744	5266	5744	6191
75°	5018	3893	5018	4661
80°	4016	2573	4016	2802
85°	2260	1363	2260	1159

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13713 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	226.4	1.7
10°-20°	642.7	4.8
20°-30°	993.5	7.3
30°-40°	1186.0	8.8
40°-50°	1193.0	8.8
50°-60°	1038.0	7.7
60°-70°	736.0	5.4
70°-80°	389.4	2.9
80°-90°	101.1	0.7
90°-100°	527.2	3.9
100°-110°	1386.1	10.3
110°-120°	1437.3	10.6
120°-130°	1152.9	8.5
130°-140°	904.6	6.7
140°-150°	694.3	5.1
150°-160°	500.0	3.7
160°-170°	305.9	2.3
170°-180°	103.4	0.8
0°-30°	1862.5	13.8
0°-40°	3048.5	22.6
0°-60°	5279.5	39.1
0°-90°	6505.9	48.1
90°-120°	3350.6	24.8
90°-150°	6102.4	45.1
90°-180°	7012.0	51.9
0°-180°	13517.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2508	2508	2508	2508	2508	
5°	2520	2598	2520	2043	2520	239
15°	2406	2574	2406	2149	2406	677
25°	2118	2401	2118	2102	2118	973
35°	1611	2142	1611	1829	1611	997
45°	1039	1765	1039	1549	1039	832
55°	847	1302	847	1272	847	778
65°	588	785	588	878	588	562
75°	223	372	223	446	223	234
85°	38	95	38	81	38	51
90°	7	28	7	28	7	8
95°	70	319	70	319	70	77
105°	250	2170	250	2170	250	265
115°	444	2795	444	2795	444	438
125°	617	2226	617	2226	617	548
135°	735	1727	735	1727	735	569
145°	853	1401	853	1401	853	534
155°	964	1206	964	1206	964	443
165°	1040	1124	1040	1124	1040	294
175°	1082	1089	1082	1089	1082	103
180°	1082	1082	1082	1082	1082	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6
2.5°	2528.9	2528.9	2543.2	2547.9	2547.9	2540.8	2533.7	2540.8	2562.2	2569.3	2566.9
5°	2519.5	2538.5	2564.6	2569.3	2574.1	2571.7	2566.9	2571.7	2595.4	2600.2	2602.5
7.5°	2500.5	2536.0	2569.3	2576.4	2583.5	2576.4	2574.1	2578.8	2602.5	2607.3	2607.3
10°	2476.8	2526.6	2564.6	2569.3	2576.4	2569.3	2569.3	2578.8	2602.5	2607.3	2609.6
12.5°	2443.6	2512.4	2547.9	2552.7	2562.2	2559.8	2557.4	2566.9	2590.6	2595.4	2595.4
15°	2405.7	2486.2	2519.5	2524.3	2540.8	2536.0	2536.0	2545.6	2571.7	2578.8	2576.4
17.5°	2353.4	2453.0	2491.0	2498.1	2510.0	2507.6	2510.0	2519.5	2543.2	2547.9	2550.3
20°	2294.1	2408.0	2453.0	2460.1	2472.0	2472.0	2472.0	2483.9	2507.6	2517.1	2517.1
22.5°	2213.5	2360.5	2408.0	2412.8	2427.0	2427.0	2431.7	2448.3	2469.7	2472.0	2472.0
25°	2118.5	2308.3	2348.6	2362.9	2377.1	2384.2	2391.4	2400.9	2408.0	2405.7	2408.0
27.5°	2018.9	2241.9	2294.1	2303.6	2322.6	2329.7	2339.2	2341.5	2344.0	2351.1	2346.3
30°	1907.4	2149.4	2227.7	2237.1	2268.0	2272.7	2263.3	2268.0	2279.8	2284.6	2289.4
32.5°	1781.6	2011.8	2158.9	2180.2	2208.7	2194.5	2192.1	2199.2	2218.2	2218.2	2222.9
35°	1610.9	1905.0	2094.9	2113.8	2135.1	2118.5	2128.0	2130.4	2142.3	2149.4	2147.0
37.5°	1423.5	1812.5	2028.4	2042.6	2059.3	2037.8	2052.1	2059.3	2068.7	2064.0	2064.0
40°	1257.4	1667.8	1950.1	1959.6	1973.8	1957.2	1971.5	1976.2	1980.9	1976.2	1973.8
42.5°	1134.0	1508.8	1867.1	1878.9	1869.4	1881.3	1886.0	1895.6	1888.4	1878.9	1878.9
45°	1039.1	1466.2	1776.9	1791.2	1776.9	1795.9	1803.0	1803.0	1781.6	1776.9	1774.5
47.5°	1008.3	1380.7	1686.8	1686.8	1679.7	1703.4	1715.3	1698.6	1677.2	1670.1	1670.1
50°	1005.9	1285.9	1563.4	1553.9	1587.1	1615.6	1603.8	1587.1	1570.5	1544.4	1544.4
52.5°	913.4	1169.6	1404.5	1440.0	1492.3	1508.8	1489.8	1473.3	1444.8	1432.9	1423.5
55°	846.9	1048.6	1259.7	1330.9	1385.5	1406.8	1371.2	1354.7	1312.0	1304.8	1300.1
57.5°	832.7	873.0	1126.9	1217.1	1283.4	1281.1	1259.7	1228.9	1193.3	1186.2	1183.8
60°	763.9	631.0	984.5	1091.3	1160.1	1153.0	1134.0	1105.6	1072.3	1067.6	1062.9
62.5°	692.7	457.9	823.2	944.2	1041.4	1039.1	1022.5	979.8	956.1	944.2	934.7
65°	588.4	384.4	586.0	785.2	925.3	929.9	894.4	863.6	837.5	823.2	820.9
67.5°	448.4	313.1	396.2	654.8	813.8	809.0	763.9	749.6	716.5	709.3	695.1
70°	332.1	208.8	275.2	531.4	704.6	692.7	657.2	640.6	609.7	593.1	583.6
72.5°	275.2	168.4	201.6	412.8	593.1	578.9	548.0	529.0	503.0	488.8	479.2
75°	223.0	178.0	154.2	306.0	481.6	472.1	443.6	424.6	403.3	384.4	386.7
77.5°	163.7	166.1	123.4	225.4	381.9	367.7	351.1	327.4	317.9	298.9	298.9
80°	123.4	130.5	92.5	154.2	275.2	275.2	261.0	244.3	227.8	218.3	218.3
82.5°	83.0	83.0	68.8	97.3	187.4	180.3	170.8	166.1	156.6	151.8	151.8
85°	37.9	47.5	42.7	59.4	102.0	106.7	106.7	102.0	99.6	94.9	97.3
87.5°	11.9	21.3	26.1	33.2	52.2	54.6	56.9	56.9	56.9	59.4	59.4
90°	7.3	13.1	18.9	20.3	31.9	47.4	55.1	49.0	36.7	27.6	27.6
92.5°	29.1	78.4	127.8	140.1	196.9	272.7	310.7	272.3	195.5	138.0	132.4
95°	69.7	160.0	250.3	272.9	484.6	767.0	908.2	810.4	614.8	468.2	451.6
97.5°	120.5	200.1	279.9	299.8	652.8	1123.6	1359.0	1297.2	1173.6	1080.9	1049.3
100°	159.7	232.0	304.2	322.3	714.0	1236.4	1497.6	1502.1	1511.1	1517.9	1480.2
102.5°	193.1	260.5	328.0	344.8	742.2	1271.9	1536.8	1615.5	1773.0	1891.0	1858.8
105°	249.8	306.9	363.9	378.2	762.9	1276.0	1532.5	1708.9	2061.9	2326.6	2309.2
107.5°	307.8	361.0	414.3	427.5	766.8	1219.1	1445.3	1691.5	2183.8	2553.1	2557.3
110°	347.0	395.0	443.1	455.1	760.9	1168.8	1372.7	1647.9	2198.3	2611.2	2629.2



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	385.5	431.3	477.1	488.6	761.2	1124.8	1306.6	1588.3	2151.6	2574.1	2601.8
115°	443.5	485.8	528.1	538.7	768.3	1074.4	1227.5	1498.9	2041.6	2448.6	2487.1
117.5°	500.9	539.3	577.6	587.3	782.5	1042.9	1173.1	1417.9	1907.7	2275.1	2317.7
120°	534.3	570.5	606.5	615.6	794.1	1032.2	1151.3	1375.0	1822.5	2158.1	2199.6
122.5°	567.0	603.4	639.9	649.0	810.9	1026.7	1134.6	1336.2	1739.1	2041.3	2082.2
125°	617.0	650.3	683.5	691.8	833.4	1022.1	1116.5	1287.7	1629.9	1886.7	1924.4
127.5°	657.7	691.2	724.8	733.2	855.9	1019.5	1101.3	1248.2	1542.2	1762.6	1794.4
130°	679.4	715.6	751.7	760.8	872.3	1021.0	1095.4	1226.2	1487.9	1684.2	1713.5
132.5°	702.0	738.1	774.2	783.3	885.6	1022.1	1090.3	1207.5	1441.7	1617.3	1643.6
135°	735.3	768.2	801.1	809.4	900.1	1021.2	1081.6	1179.7	1375.9	1523.0	1545.6
137.5°	769.4	802.1	834.7	842.8	921.9	1027.4	1080.1	1163.1	1328.9	1453.3	1471.8
140°	797.8	827.8	857.8	865.3	935.2	1028.5	1075.1	1146.7	1290.0	1397.4	1414.8
142.5°	819.6	847.3	875.1	882.0	946.4	1032.2	1075.1	1138.0	1263.8	1358.2	1373.2
145°	852.9	877.1	901.3	907.4	960.9	1032.2	1067.8	1119.3	1222.2	1299.4	1310.7
147.5°	886.4	909.9	933.5	939.4	982.2	1039.3	1067.8	1108.3	1189.3	1250.1	1259.4
150°	908.2	929.5	950.7	956.0	993.3	1042.9	1067.8	1102.0	1170.4	1221.8	1229.3
152.5°	930.6	946.8	962.9	967.0	1000.6	1045.4	1067.8	1097.0	1155.4	1199.2	1204.9
155°	964.1	976.0	987.9	990.9	1016.5	1050.7	1067.8	1091.1	1137.5	1172.4	1176.2
157.5°	988.7	1000.3	1011.9	1014.8	1032.5	1056.0	1067.8	1085.8	1122.0	1149.1	1151.7
160°	1005.4	1014.4	1023.5	1025.7	1039.8	1058.5	1067.8	1083.3	1114.3	1137.5	1139.0
162.5°	1022.1	1028.8	1035.7	1037.3	1047.5	1061.1	1067.8	1080.9	1107.0	1126.6	1128.1
165°	1040.2	1046.4	1052.6	1054.1	1058.6	1064.7	1067.8	1077.2	1095.9	1110.0	1111.5
167.5°	1057.0	1059.9	1062.8	1063.5	1067.3	1072.5	1075.1	1081.3	1093.5	1102.7	1103.3
170°	1067.8	1070.7	1073.6	1074.4	1074.6	1074.9	1075.1	1081.3	1093.5	1102.7	1102.7
172.5°	1073.6	1074.3	1074.9	1075.1	1075.1	1075.1	1075.1	1080.0	1089.6	1096.9	1096.3
175°	1081.6	1081.6	1081.6	1081.6	1079.5	1076.6	1075.1	1078.2	1084.4	1088.9	1088.9
177.5°	1081.6	1081.6	1081.6	1081.6	1080.0	1077.6	1076.5	1078.9	1083.8	1087.4	1086.8
180°	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6
2.5°	2571.7	2564.6	2571.7	2566.9	2569.3	2562.2	2540.8	2533.7	2540.8	2547.9	2547.9
5°	2602.5	2597.7	2602.5	2602.5	2600.2	2595.4	2571.7	2566.9	2571.7	2574.1	2569.3
7.5°	2612.0	2604.9	2612.0	2607.3	2607.3	2602.5	2578.8	2574.1	2576.4	2583.5	2576.4
10°	2612.0	2604.9	2612.0	2609.6	2607.3	2602.5	2578.8	2569.3	2569.3	2576.4	2569.3
12.5°	2600.2	2595.4	2600.2	2595.4	2595.4	2590.6	2566.9	2557.4	2559.8	2562.2	2552.7
15°	2581.2	2574.1	2581.2	2576.4	2578.8	2571.7	2545.6	2536.0	2536.0	2540.8	2524.3
17.5°	2552.7	2543.2	2552.7	2550.3	2547.9	2543.2	2519.5	2510.0	2507.6	2510.0	2498.1
20°	2519.5	2512.4	2519.5	2517.1	2517.1	2507.6	2483.9	2472.0	2472.0	2472.0	2460.1
22.5°	2467.2	2460.1	2467.2	2472.0	2472.0	2469.7	2448.3	2431.7	2427.0	2427.0	2412.8
25°	2408.0	2400.9	2408.0	2408.0	2405.7	2408.0	2400.9	2391.4	2384.2	2377.1	2362.9
27.5°	2351.1	2346.3	2351.1	2346.3	2351.1	2344.0	2341.5	2339.2	2329.7	2322.6	2303.6
30°	2294.1	2289.4	2294.1	2289.4	2284.6	2279.8	2268.0	2263.3	2272.7	2268.0	2237.1
32.5°	2222.9	2218.2	2222.9	2222.9	2218.2	2218.2	2199.2	2192.1	2194.5	2208.7	2180.2
35°	2149.4	2142.3	2149.4	2147.0	2149.4	2142.3	2130.4	2128.0	2118.5	2135.1	2113.8
37.5°	2064.0	2056.8	2064.0	2064.0	2064.0	2068.7	2059.3	2052.1	2037.8	2059.3	2042.6
40°	1976.2	1966.7	1976.2	1973.8	1976.2	1980.9	1976.2	1971.5	1957.2	1973.8	1959.6
42.5°	1876.6	1874.2	1876.6	1878.9	1878.9	1888.4	1895.6	1886.0	1881.3	1869.4	1878.9
45°	1769.8	1765.1	1769.8	1774.5	1776.9	1781.6	1803.0	1803.0	1795.9	1776.9	1791.2
47.5°	1655.9	1644.1	1655.9	1670.1	1670.1	1677.2	1698.6	1715.3	1703.4	1679.7	1686.8
50°	1535.0	1537.3	1535.0	1544.4	1544.4	1570.5	1587.1	1603.8	1615.6	1587.1	1553.9
52.5°	1416.4	1413.9	1416.4	1423.5	1432.9	1444.8	1473.3	1489.8	1508.8	1492.3	1440.0
55°	1297.7	1302.4	1297.7	1300.1	1304.8	1312.0	1354.7	1371.2	1406.8	1385.5	1330.9
57.5°	1179.0	1171.9	1179.0	1183.8	1186.2	1193.3	1228.9	1259.7	1281.1	1283.4	1217.1
60°	1041.4	1032.0	1041.4	1062.9	1067.6	1072.3	1105.6	1134.0	1153.0	1160.1	1091.3
62.5°	920.5	903.9	920.5	934.7	944.2	956.1	979.8	1022.5	1039.1	1041.4	944.2
65°	792.4	785.2	792.4	820.9	823.2	837.5	863.6	894.4	929.9	925.3	785.2
67.5°	676.2	676.2	676.2	695.1	709.3	716.5	749.6	763.9	809.0	813.8	654.8
70°	569.3	567.0	569.3	583.6	593.1	609.7	640.6	657.2	692.7	704.6	531.4
72.5°	467.4	465.0	467.4	479.2	488.8	503.0	529.0	548.0	578.9	593.1	412.8
75°	377.2	372.5	377.2	386.7	384.4	403.3	424.6	443.6	472.1	481.6	306.0
77.5°	289.5	289.5	289.5	298.9	298.9	317.9	327.4	351.1	367.7	381.9	225.4
80°	215.9	213.5	215.9	218.3	218.3	227.8	244.3	261.0	275.2	275.2	154.2
82.5°	151.8	147.1	151.8	151.8	151.8	156.6	166.1	170.8	180.3	187.4	97.3
85°	94.9	94.9	94.9	97.3	94.9	99.6	102.0	106.7	106.7	102.0	59.4
87.5°	61.7	59.4	61.7	59.4	59.4	56.9	56.9	56.9	54.6	52.2	33.2
90°	27.6	27.6	27.6	27.6	27.6	36.7	49.0	55.1	47.4	31.9	20.3
92.5°	110.5	88.5	110.5	132.4	138.0	195.5	272.3	310.7	272.7	196.9	140.1
95°	385.1	318.6	385.1	451.6	468.2	614.8	810.4	908.2	767.0	484.6	272.9
97.5°	922.8	796.4	922.8	1049.3	1080.9	1173.6	1297.2	1359.0	1123.6	652.8	299.8
100°	1329.6	1178.9	1329.6	1480.2	1517.9	1511.1	1502.1	1497.6	1236.4	714.0	322.3
102.5°	1729.7	1600.7	1729.7	1858.8	1891.0	1773.0	1615.5	1536.8	1271.9	742.2	344.8
105°	2239.8	2170.5	2239.8	2309.2	2326.6	2061.9	1708.9	1532.5	1276.0	762.9	378.2
107.5°	2574.0	2590.8	2574.0	2557.3	2553.1	2183.8	1691.5	1445.3	1219.1	766.8	427.5
110°	2701.5	2773.7	2701.5	2629.2	2611.2	2198.3	1647.9	1372.7	1168.8	760.9	455.1



TEST NUMBER: P935741

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2712.8	2823.8	2712.8	2601.8	2574.1	2151.6	1588.3	1306.6	1124.8	761.2	488.6
115°	2640.9	2794.8	2640.9	2487.1	2448.6	2041.6	1498.9	1227.5	1074.4	768.3	538.7
117.5°	2488.4	2659.1	2488.4	2317.7	2275.1	1907.7	1417.9	1173.1	1042.9	782.5	587.3
120°	2365.5	2531.3	2365.5	2199.6	2158.1	1822.5	1375.0	1151.3	1032.2	794.1	615.6
122.5°	2245.7	2409.3	2245.7	2082.2	2041.3	1739.1	1336.2	1134.6	1026.7	810.9	649.0
125°	2075.0	2225.7	2075.0	1924.4	1886.7	1629.9	1287.7	1116.5	1022.1	833.4	691.8
127.5°	1921.5	2048.6	1921.5	1794.4	1762.6	1542.2	1248.2	1101.3	1019.5	855.9	733.2
130°	1831.0	1948.4	1831.0	1713.5	1684.2	1487.9	1226.2	1095.4	1021.0	872.3	760.8
132.5°	1748.8	1854.0	1748.8	1643.6	1617.3	1441.7	1207.5	1090.3	1022.1	885.6	783.3
135°	1636.3	1727.0	1636.3	1545.6	1523.0	1375.9	1179.7	1081.6	1021.2	900.1	809.4
137.5°	1546.0	1620.2	1546.0	1471.8	1453.3	1328.9	1163.1	1080.1	1027.4	921.9	842.8
140°	1484.1	1553.5	1484.1	1414.8	1397.4	1290.0	1146.7	1075.1	1028.5	935.2	865.3
142.5°	1432.8	1492.5	1432.8	1373.2	1358.2	1263.8	1138.0	1075.1	1032.2	946.4	882.0
145°	1355.9	1401.0	1355.9	1310.7	1299.4	1222.2	1119.3	1067.8	1032.2	960.9	907.4
147.5°	1296.9	1334.3	1296.9	1259.4	1250.1	1189.3	1108.3	1067.8	1039.3	982.2	939.4
150°	1259.7	1290.0	1259.7	1229.3	1221.8	1170.4	1102.0	1067.8	1042.9	993.3	956.0
152.5°	1227.8	1250.7	1227.8	1204.9	1199.2	1155.4	1097.0	1067.8	1045.4	1000.6	967.0
155°	1191.4	1206.5	1191.4	1176.2	1172.4	1137.5	1091.1	1067.8	1050.7	1016.5	990.9
157.5°	1162.4	1173.1	1162.4	1151.7	1149.1	1122.0	1085.8	1067.8	1056.0	1032.5	1014.8
160°	1145.2	1151.3	1145.2	1139.0	1137.5	1114.3	1083.3	1067.8	1058.5	1039.8	1025.7
162.5°	1133.9	1139.7	1133.9	1128.1	1126.6	1107.0	1080.9	1067.8	1061.1	1047.5	1037.3
165°	1117.6	1123.7	1117.6	1111.5	1110.0	1095.9	1077.2	1067.8	1064.7	1058.6	1054.1
167.5°	1105.9	1108.5	1105.9	1103.3	1102.7	1093.5	1081.3	1075.1	1072.5	1067.3	1063.5
170°	1102.7	1102.7	1102.7	1102.7	1102.7	1093.5	1081.3	1075.1	1074.9	1074.6	1074.4
172.5°	1094.1	1091.8	1094.1	1096.3	1096.9	1089.6	1080.0	1075.1	1075.1	1075.1	1075.1
175°	1088.9	1088.9	1088.9	1088.9	1088.9	1084.4	1078.2	1075.1	1076.6	1079.5	1081.6
177.5°	1084.3	1081.6	1084.3	1086.8	1087.4	1083.8	1078.9	1076.5	1077.6	1080.0	1081.6
180°	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6



TEST NUMBER: P935741

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6
2.5°	2543.2	2528.9	2528.9	2505.3	2495.8	2488.7	2476.8	2441.2	2431.7	2422.2	2436.4
5°	2564.6	2538.5	2519.5	2476.8	2441.2	2427.0	2381.9	2296.5	2239.6	2196.8	2173.1
7.5°	2569.3	2536.0	2500.5	2434.1	2348.6	2310.7	2173.1	2016.5	1973.8	1935.9	1912.1
10°	2564.6	2526.6	2476.8	2377.1	2175.5	2109.1	1971.5	1869.4	1843.3	1836.2	1843.3
12.5°	2547.9	2512.4	2443.6	2277.5	1995.2	1950.1	1869.4	1810.2	1805.4	1817.3	1881.3
15°	2519.5	2486.2	2405.7	2144.7	1895.6	1862.3	1805.4	1784.1	1810.2	1893.2	2085.3
17.5°	2491.0	2453.0	2353.4	2014.2	1819.6	1795.9	1755.6	1798.3	1945.4	2056.8	2120.9
20°	2453.0	2408.0	2294.1	1919.2	1765.1	1743.7	1724.7	1916.9	2028.4	2068.7	2104.3
22.5°	2408.0	2360.5	2213.5	1852.9	1708.1	1691.5	1703.4	1983.4	2028.4	2056.8	2087.7
25°	2348.6	2308.3	2118.5	1800.6	1663.0	1644.1	1689.1	1976.2	2002.3	2009.4	2071.1
27.5°	2294.1	2241.9	2018.9	1753.2	1608.4	1601.3	1701.0	1945.4	1964.4	1971.5	2037.8
30°	2227.7	2149.4	1907.4	1703.4	1551.5	1549.2	1703.4	1907.4	1902.7	1921.7	1988.0
32.5°	2158.9	2011.8	1781.6	1641.7	1497.0	1494.6	1686.8	1850.4	1845.8	1871.8	1921.7
35°	2094.9	1905.0	1610.9	1570.5	1428.1	1430.6	1646.5	1784.1	1786.4	1810.2	1841.0
37.5°	2028.4	1812.5	1423.5	1492.3	1361.8	1361.8	1591.9	1722.4	1717.6	1724.7	1767.4
40°	1950.1	1667.8	1257.4	1390.2	1300.1	1293.0	1525.4	1655.9	1639.3	1637.0	1696.3
42.5°	1867.1	1508.8	1134.0	1255.0	1228.9	1219.4	1444.8	1575.3	1544.4	1551.5	1627.4
45°	1776.9	1466.2	1039.1	1060.4	1155.4	1148.2	1357.0	1482.7	1461.4	1480.4	1558.6
47.5°	1686.8	1380.7	1008.3	880.1	1077.1	1074.7	1259.7	1392.6	1380.7	1399.7	1482.7
50°	1563.4	1285.9	1005.9	754.4	989.3	998.7	1143.5	1304.8	1304.8	1321.4	1409.2
52.5°	1404.5	1169.6	913.4	683.3	887.3	915.7	1041.4	1228.9	1233.6	1250.3	1328.5
55°	1259.7	1048.6	846.9	628.7	766.3	828.0	941.8	1150.6	1160.1	1176.7	1247.8
57.5°	1126.9	873.0	832.7	564.7	654.8	714.1	854.0	1074.7	1079.4	1093.7	1162.5
60°	984.5	631.0	763.9	495.9	557.6	602.6	773.4	984.5	1001.2	1010.6	1070.0
62.5°	823.2	457.9	692.7	448.4	510.1	519.5	707.0	899.1	920.5	927.6	963.2
65°	586.0	384.4	588.4	408.1	460.2	462.6	635.8	811.3	830.3	842.2	868.3
67.5°	396.2	313.1	448.4	370.1	422.3	424.6	567.0	709.3	735.4	745.0	761.5
70°	275.2	208.8	332.1	329.8	379.6	384.4	493.4	616.8	640.6	647.7	657.2
72.5°	201.6	168.4	275.2	296.6	334.5	339.3	417.5	512.4	536.1	543.3	548.0
75°	154.2	178.0	223.0	258.6	284.7	287.0	341.6	417.5	434.2	438.9	441.3
77.5°	123.4	166.1	163.7	208.8	232.5	227.8	268.1	322.7	336.9	336.9	336.9
80°	92.5	130.5	123.4	149.5	170.8	166.1	192.2	230.1	234.9	239.6	237.2
82.5°	68.8	83.0	83.0	94.9	113.8	109.2	128.1	149.5	149.5	149.5	154.2
85°	42.7	47.5	37.9	49.8	64.0	61.7	71.1	80.7	83.0	83.0	78.3
87.5°	26.1	21.3	11.9	19.0	28.5	28.5	33.2	35.6	33.2	33.2	33.2
90°	18.9	13.1	7.3	13.1	18.9	20.3	31.9	47.4	55.1	49.0	36.7
92.5°	127.8	78.4	29.1	78.4	127.8	140.1	196.9	272.7	310.7	272.3	195.5
95°	250.3	160.0	69.7	160.0	250.3	272.9	484.6	767.0	908.2	810.4	614.8
97.5°	279.9	200.1	120.5	200.1	279.9	299.8	652.8	1123.6	1359.0	1297.2	1173.6
100°	304.2	232.0	159.7	232.0	304.2	322.3	714.0	1236.4	1497.6	1502.1	1511.1
102.5°	328.0	260.5	193.1	260.5	328.0	344.8	742.2	1271.9	1536.8	1615.5	1773.0
105°	363.9	306.9	249.8	306.9	363.9	378.2	762.9	1276.0	1532.5	1708.9	2061.9
107.5°	414.3	361.0	307.8	361.0	414.3	427.5	766.8	1219.1	1445.3	1691.5	2183.8
110°	443.1	395.0	347.0	395.0	443.1	455.1	760.9	1168.8	1372.7	1647.9	2198.3



TEST NUMBER: P935741

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	477.1	431.3	385.5	431.3	477.1	488.6	761.2	1124.8	1306.6	1588.3	2151.6
115°	528.1	485.8	443.5	485.8	528.1	538.7	768.3	1074.4	1227.5	1498.9	2041.6
117.5°	577.6	539.3	500.9	539.3	577.6	587.3	782.5	1042.9	1173.1	1417.9	1907.7
120°	606.5	570.5	534.3	570.5	606.5	615.6	794.1	1032.2	1151.3	1375.0	1822.5
122.5°	639.9	603.4	567.0	603.4	639.9	649.0	810.9	1026.7	1134.6	1336.2	1739.1
125°	683.5	650.3	617.0	650.3	683.5	691.8	833.4	1022.1	1116.5	1287.7	1629.9
127.5°	724.8	691.2	657.7	691.2	724.8	733.2	855.9	1019.5	1101.3	1248.2	1542.2
130°	751.7	715.6	679.4	715.6	751.7	760.8	872.3	1021.0	1095.4	1226.2	1487.9
132.5°	774.2	738.1	702.0	738.1	774.2	783.3	885.6	1022.1	1090.3	1207.5	1441.7
135°	801.1	768.2	735.3	768.2	801.1	809.4	900.1	1021.2	1081.6	1179.7	1375.9
137.5°	834.7	802.1	769.4	802.1	834.7	842.8	921.9	1027.4	1080.1	1163.1	1328.9
140°	857.8	827.8	797.8	827.8	857.8	865.3	935.2	1028.5	1075.1	1146.7	1290.0
142.5°	875.1	847.3	819.6	847.3	875.1	882.0	946.4	1032.2	1075.1	1138.0	1263.8
145°	901.3	877.1	852.9	877.1	901.3	907.4	960.9	1032.2	1067.8	1119.3	1222.2
147.5°	933.5	909.9	886.4	909.9	933.5	939.4	982.2	1039.3	1067.8	1108.3	1189.3
150°	950.7	929.5	908.2	929.5	950.7	956.0	993.3	1042.9	1067.8	1102.0	1170.4
152.5°	962.9	946.8	930.6	946.8	962.9	967.0	1000.6	1045.4	1067.8	1097.0	1155.4
155°	987.9	976.0	964.1	976.0	987.9	990.9	1016.5	1050.7	1067.8	1091.1	1137.5
157.5°	1011.9	1000.3	988.7	1000.3	1011.9	1014.8	1032.5	1056.0	1067.8	1085.8	1122.0
160°	1023.5	1014.4	1005.4	1014.4	1023.5	1025.7	1039.8	1058.5	1067.8	1083.3	1114.3
162.5°	1035.7	1028.8	1022.1	1028.8	1035.7	1037.3	1047.5	1061.1	1067.8	1080.9	1107.0
165°	1052.6	1046.4	1040.2	1046.4	1052.6	1054.1	1058.6	1064.7	1067.8	1077.2	1095.9
167.5°	1062.8	1059.9	1057.0	1059.9	1062.8	1063.5	1067.3	1072.5	1075.1	1081.3	1093.5
170°	1073.6	1070.7	1067.8	1070.7	1073.6	1074.4	1074.6	1074.9	1075.1	1081.3	1093.5
172.5°	1074.9	1074.3	1073.6	1074.3	1074.9	1075.1	1075.1	1075.1	1075.1	1080.0	1089.6
175°	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1079.5	1076.6	1075.1	1078.2	1084.4
177.5°	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1080.0	1077.6	1076.5	1078.9	1083.8
180°	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6



TEST NUMBER: P935741

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6
2.5°	2419.9	2412.8	2422.2	2396.1	2422.2	2412.8	2419.9	2436.4	2422.2	2431.7	2441.2
5°	2123.3	2111.4	2073.5	2042.6	2073.5	2111.4	2123.3	2173.1	2196.8	2239.6	2296.5
7.5°	1897.9	1888.4	1878.9	1860.0	1878.9	1888.4	1897.9	1912.1	1935.9	1973.8	2016.5
10°	1848.1	1850.4	1864.7	1862.3	1864.7	1850.4	1848.1	1843.3	1836.2	1843.3	1869.4
12.5°	1976.2	1997.6	2075.9	2071.1	2075.9	1997.6	1976.2	1881.3	1817.3	1805.4	1810.2
15°	2123.3	2130.4	2147.0	2149.4	2147.0	2130.4	2123.3	2085.3	1893.2	1810.2	1784.1
17.5°	2137.5	2139.9	2151.8	2151.8	2151.8	2139.9	2137.5	2120.9	2056.8	1945.4	1798.3
20°	2125.7	2130.4	2154.1	2158.9	2154.1	2130.4	2125.7	2104.3	2068.7	2028.4	1916.9
22.5°	2120.9	2130.4	2149.4	2147.0	2149.4	2130.4	2120.9	2087.7	2056.8	2028.4	1983.4
25°	2097.2	2097.2	2099.5	2102.0	2099.5	2097.2	2097.2	2071.1	2009.4	2002.3	1976.2
27.5°	2047.4	2052.1	2066.4	2064.0	2066.4	2052.1	2047.4	2037.8	1971.5	1964.4	1945.4
30°	2002.3	1997.6	1985.7	1976.2	1985.7	1997.6	2002.3	1988.0	1921.7	1902.7	1907.4
32.5°	1926.4	1914.6	1902.7	1895.6	1902.7	1914.6	1926.4	1921.7	1871.8	1845.8	1850.4
35°	1836.2	1838.6	1836.2	1829.1	1836.2	1838.6	1836.2	1841.0	1810.2	1786.4	1784.1
37.5°	1772.2	1776.9	1774.5	1765.1	1774.5	1776.9	1772.2	1767.4	1724.7	1717.6	1722.4
40°	1705.7	1708.1	1705.7	1698.6	1705.7	1708.1	1705.7	1696.3	1637.0	1639.3	1655.9
42.5°	1641.7	1639.3	1632.2	1627.4	1632.2	1639.3	1641.7	1627.4	1551.5	1544.4	1575.3
45°	1568.2	1570.5	1556.3	1549.2	1556.3	1570.5	1568.2	1558.6	1480.4	1461.4	1482.7
47.5°	1494.6	1494.6	1482.7	1475.6	1482.7	1494.6	1494.6	1482.7	1399.7	1380.7	1392.6
50°	1416.4	1413.9	1397.4	1395.0	1397.4	1413.9	1416.4	1409.2	1321.4	1304.8	1304.8
52.5°	1326.2	1326.2	1328.5	1333.3	1328.5	1326.2	1326.2	1328.5	1250.3	1233.6	1228.9
55°	1247.8	1250.3	1266.9	1271.6	1266.9	1250.3	1247.8	1247.8	1176.7	1160.1	1150.6
57.5°	1167.3	1167.3	1179.0	1179.0	1179.0	1167.3	1167.3	1162.5	1093.7	1079.4	1074.7
60°	1074.7	1079.4	1088.9	1086.6	1088.9	1079.4	1074.7	1070.0	1010.6	1001.2	984.5
62.5°	977.4	982.2	984.5	979.8	984.5	982.2	977.4	963.2	927.6	920.5	899.1
65°	875.4	880.1	882.5	877.8	882.5	880.1	875.4	868.3	842.2	830.3	811.3
67.5°	771.0	768.6	766.3	775.8	766.3	768.6	771.0	761.5	745.0	735.4	709.3
70°	664.3	664.3	661.9	666.6	661.9	664.3	664.3	657.2	647.7	640.6	616.8
72.5°	550.4	548.0	557.6	550.4	557.6	548.0	550.4	548.0	543.3	536.1	512.4
75°	438.9	443.6	438.9	446.0	438.9	443.6	438.9	441.3	438.9	434.2	417.5
77.5°	334.5	339.3	334.5	334.5	334.5	339.3	334.5	336.9	336.9	336.9	322.7
80°	237.2	234.9	234.9	232.5	234.9	234.9	237.2	237.2	239.6	234.9	230.1
82.5°	151.8	149.5	149.5	154.2	149.5	149.5	151.8	154.2	149.5	149.5	149.5
85°	83.0	85.4	80.7	80.7	80.7	85.4	83.0	78.3	83.0	83.0	80.7
87.5°	30.8	28.5	28.5	28.5	28.5	28.5	30.8	33.2	33.2	33.2	35.6
90°	27.6	27.6	27.6	27.6	27.6	27.6	27.6	36.7	49.0	55.1	47.4
92.5°	138.0	132.4	110.5	88.5	110.5	132.4	138.0	195.5	272.3	310.7	272.7
95°	468.2	451.6	385.1	318.6	385.1	451.6	468.2	614.8	810.4	908.2	767.0
97.5°	1080.9	1049.3	922.8	796.4	922.8	1049.3	1080.9	1173.6	1297.2	1359.0	1123.6
100°	1517.9	1480.2	1329.6	1178.9	1329.6	1480.2	1517.9	1511.1	1502.1	1497.6	1236.4
102.5°	1891.0	1858.8	1729.7	1600.7	1729.7	1858.8	1891.0	1773.0	1615.5	1536.8	1271.9
105°	2326.6	2309.2	2239.8	2170.5	2239.8	2309.2	2326.6	2061.9	1708.9	1532.5	1276.0
107.5°	2553.1	2557.3	2574.0	2590.8	2574.0	2557.3	2553.1	2183.8	1691.5	1445.3	1219.1
110°	2611.2	2629.2	2701.5	2773.7	2701.5	2629.2	2611.2	2198.3	1647.9	1372.7	1168.8



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2574.1	2601.8	2712.8	2823.8	2712.8	2601.8	2574.1	2151.6	1588.3	1306.6	1124.8
115°	2448.6	2487.1	2640.9	2794.8	2640.9	2487.1	2448.6	2041.6	1498.9	1227.5	1074.4
117.5°	2275.1	2317.7	2488.4	2659.1	2488.4	2317.7	2275.1	1907.7	1417.9	1173.1	1042.9
120°	2158.1	2199.6	2365.5	2531.3	2365.5	2199.6	2158.1	1822.5	1375.0	1151.3	1032.2
122.5°	2041.3	2082.2	2245.7	2409.3	2245.7	2082.2	2041.3	1739.1	1336.2	1134.6	1026.7
125°	1886.7	1924.4	2075.0	2225.7	2075.0	1924.4	1886.7	1629.9	1287.7	1116.5	1022.1
127.5°	1762.6	1794.4	1921.5	2048.6	1921.5	1794.4	1762.6	1542.2	1248.2	1101.3	1019.5
130°	1684.2	1713.5	1831.0	1948.4	1831.0	1713.5	1684.2	1487.9	1226.2	1095.4	1021.0
132.5°	1617.3	1643.6	1748.8	1854.0	1748.8	1643.6	1617.3	1441.7	1207.5	1090.3	1022.1
135°	1523.0	1545.6	1636.3	1727.0	1636.3	1545.6	1523.0	1375.9	1179.7	1081.6	1021.2
137.5°	1453.3	1471.8	1546.0	1620.2	1546.0	1471.8	1453.3	1328.9	1163.1	1080.1	1027.4
140°	1397.4	1414.8	1484.1	1553.5	1484.1	1414.8	1397.4	1290.0	1146.7	1075.1	1028.5
142.5°	1358.2	1373.2	1432.8	1492.5	1432.8	1373.2	1358.2	1263.8	1138.0	1075.1	1032.2
145°	1299.4	1310.7	1355.9	1401.0	1355.9	1310.7	1299.4	1222.2	1119.3	1067.8	1032.2
147.5°	1250.1	1259.4	1296.9	1334.3	1296.9	1259.4	1250.1	1189.3	1108.3	1067.8	1039.3
150°	1221.8	1229.3	1259.7	1290.0	1259.7	1229.3	1221.8	1170.4	1102.0	1067.8	1042.9
152.5°	1199.2	1204.9	1227.8	1250.7	1227.8	1204.9	1199.2	1155.4	1097.0	1067.8	1045.4
155°	1172.4	1176.2	1191.4	1206.5	1191.4	1176.2	1172.4	1137.5	1091.1	1067.8	1050.7
157.5°	1149.1	1151.7	1162.4	1173.1	1162.4	1151.7	1149.1	1122.0	1085.8	1067.8	1056.0
160°	1137.5	1139.0	1145.2	1151.3	1145.2	1139.0	1137.5	1114.3	1083.3	1067.8	1058.5
162.5°	1126.6	1128.1	1133.9	1139.7	1133.9	1128.1	1126.6	1107.0	1080.9	1067.8	1061.1
165°	1110.0	1111.5	1117.6	1123.7	1117.6	1111.5	1110.0	1095.9	1077.2	1067.8	1064.7
167.5°	1102.7	1103.3	1105.9	1108.5	1105.9	1103.3	1102.7	1093.5	1081.3	1075.1	1072.5
170°	1102.7	1102.7	1102.7	1102.7	1102.7	1102.7	1102.7	1093.5	1081.3	1075.1	1074.9
172.5°	1096.9	1096.3	1094.1	1091.8	1094.1	1096.3	1096.9	1089.6	1080.0	1075.1	1075.1
175°	1088.9	1088.9	1088.9	1088.9	1088.9	1088.9	1088.9	1084.4	1078.2	1075.1	1076.6
177.5°	1087.4	1086.8	1084.3	1081.6	1084.3	1086.8	1087.4	1083.8	1078.9	1076.5	1077.6
180°	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2507.6	2507.6	2507.6	2507.6	2507.6
2.5°	2476.8	2488.7	2495.8	2505.3	2528.9
5°	2381.9	2427.0	2441.2	2476.8	2519.5
7.5°	2173.1	2310.7	2348.6	2434.1	2500.5
10°	1971.5	2109.1	2175.5	2377.1	2476.8
12.5°	1869.4	1950.1	1995.2	2277.5	2443.6
15°	1805.4	1862.3	1895.6	2144.7	2405.7
17.5°	1755.6	1795.9	1819.6	2014.2	2353.4
20°	1724.7	1743.7	1765.1	1919.2	2294.1
22.5°	1703.4	1691.5	1708.1	1852.9	2213.5
25°	1689.1	1644.1	1663.0	1800.6	2118.5
27.5°	1701.0	1601.3	1608.4	1753.2	2018.9
30°	1703.4	1549.2	1551.5	1703.4	1907.4
32.5°	1686.8	1494.6	1497.0	1641.7	1781.6
35°	1646.5	1430.6	1428.1	1570.5	1610.9
37.5°	1591.9	1361.8	1361.8	1492.3	1423.5
40°	1525.4	1293.0	1300.1	1390.2	1257.4
42.5°	1444.8	1219.4	1228.9	1255.0	1134.0
45°	1357.0	1148.2	1155.4	1060.4	1039.1
47.5°	1259.7	1074.7	1077.1	880.1	1008.3
50°	1143.5	998.7	989.3	754.4	1005.9
52.5°	1041.4	915.7	887.3	683.3	913.4
55°	941.8	828.0	766.3	628.7	846.9
57.5°	854.0	714.1	654.8	564.7	832.7
60°	773.4	602.6	557.6	495.9	763.9
62.5°	707.0	519.5	510.1	448.4	692.7
65°	635.8	462.6	460.2	408.1	588.4
67.5°	567.0	424.6	422.3	370.1	448.4
70°	493.4	384.4	379.6	329.8	332.1
72.5°	417.5	339.3	334.5	296.6	275.2
75°	341.6	287.0	284.7	258.6	223.0
77.5°	268.1	227.8	232.5	208.8	163.7
80°	192.2	166.1	170.8	149.5	123.4
82.5°	128.1	109.2	113.8	94.9	83.0
85°	71.1	61.7	64.0	49.8	37.9
87.5°	33.2	28.5	28.5	19.0	11.9
90°	31.9	20.3	18.9	13.1	7.3
92.5°	196.9	140.1	127.8	78.4	29.1
95°	484.6	272.9	250.3	160.0	69.7
97.5°	652.8	299.8	279.9	200.1	120.5
100°	714.0	322.3	304.2	232.0	159.7
102.5°	742.2	344.8	328.0	260.5	193.1
105°	762.9	378.2	363.9	306.9	249.8
107.5°	766.8	427.5	414.3	361.0	307.8
110°	760.9	455.1	443.1	395.0	347.0



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CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	761.2	488.6	477.1	431.3	385.5
115°	768.3	538.7	528.1	485.8	443.5
117.5°	782.5	587.3	577.6	539.3	500.9
120°	794.1	615.6	606.5	570.5	534.3
122.5°	810.9	649.0	639.9	603.4	567.0
125°	833.4	691.8	683.5	650.3	617.0
127.5°	855.9	733.2	724.8	691.2	657.7
130°	872.3	760.8	751.7	715.6	679.4
132.5°	885.6	783.3	774.2	738.1	702.0
135°	900.1	809.4	801.1	768.2	735.3
137.5°	921.9	842.8	834.7	802.1	769.4
140°	935.2	865.3	857.8	827.8	797.8
142.5°	946.4	882.0	875.1	847.3	819.6
145°	960.9	907.4	901.3	877.1	852.9
147.5°	982.2	939.4	933.5	909.9	886.4
150°	993.3	956.0	950.7	929.5	908.2
152.5°	1000.6	967.0	962.9	946.8	930.6
155°	1016.5	990.9	987.9	976.0	964.1
157.5°	1032.5	1014.8	1011.9	1000.3	988.7
160°	1039.8	1025.7	1023.5	1014.4	1005.4
162.5°	1047.5	1037.3	1035.7	1028.8	1022.1
165°	1058.6	1054.1	1052.6	1046.4	1040.2
167.5°	1067.3	1063.5	1062.8	1059.9	1057.0
170°	1074.6	1074.4	1073.6	1070.7	1067.8
172.5°	1075.1	1075.1	1074.9	1074.3	1073.6
175°	1079.5	1081.6	1081.6	1081.6	1081.6
177.5°	1080.0	1081.6	1081.6	1081.6	1081.6
180°	1081.6	1081.6	1081.6	1081.6	1081.6



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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	14.15	15.00	15.13	15.98	17.28	16.98	17.82	17.95	18.81	20.11
	3H	14.63	15.39	15.61	16.38	17.70	18.32	19.08	19.30	20.07	21.39
	4H	14.82	15.54	15.82	16.53	17.86	18.76	19.48	19.76	20.48	21.80
	6H	14.94	15.60	15.95	16.60	17.94	19.04	19.70	20.05	20.71	22.05
	8H	14.94	15.57	15.95	16.59	17.92	19.12	19.75	20.13	20.77	22.10
	12H	14.91	15.51	15.93	16.52	17.88	19.15	19.75	20.17	20.77	22.13
4H	2H	15.18	15.90	16.19	16.90	18.23	17.38	18.10	18.39	19.10	20.43
	3H	16.21	16.80	17.22	17.83	19.17	18.89	19.48	19.90	20.51	21.85
	4H	16.48	17.03	17.50	18.05	19.41	19.41	19.96	20.43	20.98	22.34
	6H	16.61	17.08	17.64	18.12	19.48	19.78	20.25	20.81	21.29	22.65
	8H	16.61	17.05	17.64	18.09	19.46	19.88	20.32	20.91	21.36	22.73
	12H	16.58	16.97	17.63	18.03	19.41	19.94	20.33	20.99	21.38	22.77
8H	4H	16.93	17.37	17.97	18.41	19.79	19.54	19.97	20.57	21.01	22.39
	6H	17.19	17.56	18.25	18.64	20.01	19.97	20.33	21.03	21.41	22.79
	8H	17.24	17.56	18.30	18.62	20.01	20.12	20.44	21.19	21.50	22.90
	12H	17.22	17.50	18.29	18.56	19.99	20.22	20.50	21.29	21.56	22.99
12H	4H	16.94	17.34	17.99	18.39	19.77	19.50	19.90	20.55	20.95	22.33
	6H	17.26	17.57	18.32	18.64	20.03	19.97	20.29	21.03	21.35	22.74
	8H	17.32	17.60	18.39	18.66	20.09	20.13	20.41	21.20	21.47	22.90