

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: P935764

Luminaire Tested: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-6-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935764
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-93050-1D-UNV-STD-W-6-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

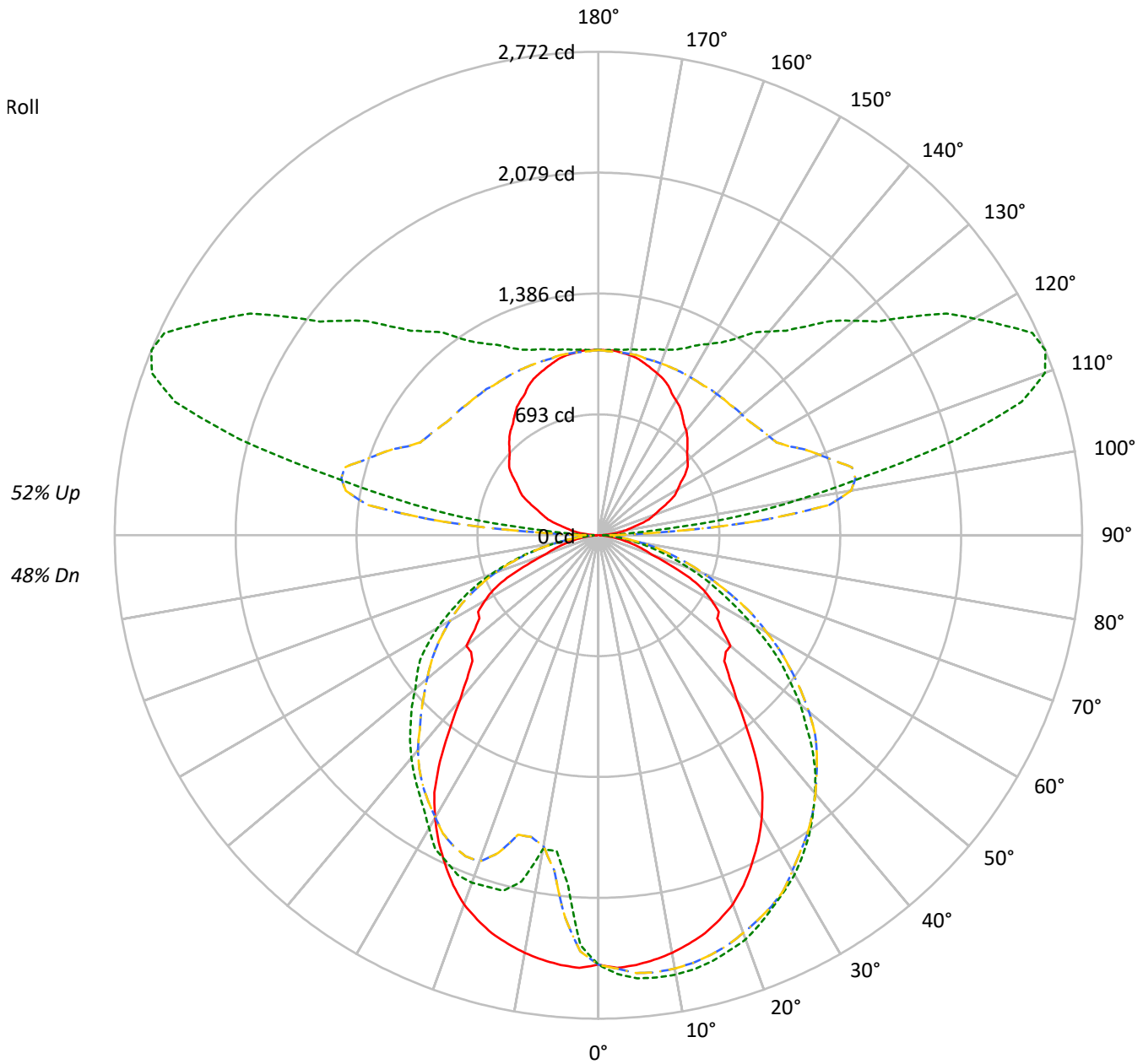
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13271.7 lumens
Efficiency: N/A
Efficacy: 117.7 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

TEST NUMBER: P935764
CATALOG NUMBER: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-6-5000K

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°	15230	15230	15230	15230
5°	15338	15374	15338	12088
10°	15230	15144	15230	10827
15°	15059	14816	15059	12371
20°	14739	14428	14739	12398
25°	14088	13861	14088	12135
30°	13249	13390	13249	11559
35°	11806	12795	11806	10924
40°	9832	12094	9832	10445
45°	8779	11274	8779	9895
50°	9320	10295	9320	9342
55°	8759	9240	8759	9022
60°	9019	7848	9019	8263
65°	8164	6488	8164	7252
70°	5640	5171	5640	6079
75°	4928	3822	4928	4577
80°	3942	2526	3942	2751
85°	2224	1337	2224	1138

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13463 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	222.2	1.7
10°-20°	631.0	4.8
20°-30°	975.4	7.3
30°-40°	1164.4	8.8
40°-50°	1171.2	8.8
50°-60°	1019.1	7.7
60°-70°	722.6	5.4
70°-80°	382.3	2.9
80°-90°	99.3	0.7
90°-100°	517.6	3.9
100°-110°	1360.9	10.3
110°-120°	1411.1	10.6
120°-130°	1131.9	8.5
130°-140°	888.1	6.7
140°-150°	681.7	5.1
150°-160°	490.9	3.7
160°-170°	300.4	2.3
170°-180°	101.5	0.8
0°-30°	1828.6	13.8
0°-40°	2993.0	22.6
0°-60°	5183.4	39.1
0°-90°	6387.5	48.1
90°-120°	3289.7	24.8
90°-150°	5991.4	45.1
90°-180°	6884.0	51.9
0°-180°	13271.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2462	2462	2462	2462	2462	
5°	2474	2550	2474	2005	2474	235
15°	2362	2527	2362	2110	2362	665
25°	2080	2357	2080	2064	2080	955
35°	1582	2103	1582	1796	1582	978
45°	1020	1733	1020	1521	1020	817
55°	832	1279	832	1248	832	764
65°	578	771	578	862	578	552
75°	219	366	219	438	219	230
85°	37	93	37	79	37	50
90°	7	27	7	27	7	7
95°	68	313	68	313	68	76
105°	245	2131	245	2131	245	260
115°	435	2744	435	2744	435	430
125°	606	2185	606	2185	606	538
135°	722	1696	722	1696	722	559
145°	837	1376	837	1376	837	525
155°	946	1185	946	1185	946	435
165°	1021	1103	1021	1103	1021	288
175°	1062	1069	1062	1069	1062	101
180°	1062	1062	1062	1062	1062	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0
2.5°	2482.9	2482.9	2497.0	2501.5	2501.5	2494.6	2487.6	2494.6	2515.6	2522.6	2520.2
5°	2473.6	2492.3	2517.9	2522.6	2527.2	2524.9	2520.2	2524.9	2548.2	2552.8	2555.1
7.5°	2455.0	2489.9	2522.6	2529.5	2536.5	2529.5	2527.2	2531.8	2555.1	2559.8	2559.8
10°	2431.7	2480.6	2517.9	2522.6	2529.5	2522.6	2522.6	2531.8	2555.1	2559.8	2562.1
12.5°	2399.1	2466.7	2501.5	2506.2	2515.6	2513.2	2510.9	2520.2	2543.5	2548.2	2548.2
15°	2361.9	2441.0	2473.6	2478.3	2494.6	2489.9	2489.9	2499.3	2524.9	2531.8	2529.5
17.5°	2310.6	2408.4	2445.7	2452.6	2464.3	2462.0	2464.3	2473.6	2497.0	2501.5	2503.9
20°	2252.4	2364.2	2408.4	2415.4	2427.0	2427.0	2427.0	2438.7	2462.0	2471.3	2471.3
22.5°	2173.2	2317.5	2364.2	2368.8	2382.8	2382.8	2387.5	2403.7	2424.7	2427.0	2427.0
25°	2080.0	2266.3	2305.9	2319.9	2333.9	2340.9	2347.8	2357.2	2364.2	2361.9	2364.2
27.5°	1982.1	2201.1	2252.4	2261.7	2280.3	2287.3	2296.6	2298.9	2301.3	2308.3	2303.6
30°	1872.6	2110.2	2187.1	2196.4	2226.7	2231.4	2222.1	2226.7	2238.3	2243.0	2247.7
32.5°	1749.2	1975.2	2119.6	2140.5	2168.5	2154.6	2152.2	2159.2	2177.8	2177.8	2182.5
35°	1581.6	1870.4	2056.7	2075.4	2096.3	2080.0	2089.3	2091.6	2103.3	2110.2	2107.9
37.5°	1397.6	1779.5	1991.5	2005.4	2021.8	2000.8	2014.8	2021.8	2031.0	2026.5	2026.5
40°	1234.5	1637.4	1914.6	1923.9	1937.9	1921.6	1935.6	1940.3	1944.9	1940.3	1937.9
42.5°	1113.3	1481.3	1833.1	1844.8	1835.4	1847.0	1851.7	1861.1	1854.0	1844.8	1844.8
45°	1020.2	1439.5	1744.5	1758.6	1744.5	1763.3	1770.2	1770.2	1749.2	1744.5	1742.2
47.5°	989.9	1355.6	1656.1	1656.1	1649.1	1672.4	1684.1	1667.7	1646.7	1639.7	1639.7
50°	987.6	1262.5	1534.9	1525.7	1558.2	1586.2	1574.6	1558.2	1541.9	1516.3	1516.3
52.5°	896.8	1148.3	1378.9	1413.8	1465.1	1481.3	1462.7	1446.5	1418.5	1406.8	1397.6
55°	831.5	1029.5	1236.8	1306.7	1360.3	1381.2	1346.3	1330.0	1288.1	1281.1	1276.4
57.5°	817.6	857.1	1106.4	1194.9	1260.1	1257.8	1236.8	1206.5	1171.6	1164.6	1162.3
60°	750.0	619.5	966.6	1071.4	1139.0	1132.0	1113.3	1085.4	1052.8	1048.2	1043.5
62.5°	680.1	449.6	808.2	927.1	1022.5	1020.2	1003.9	961.9	938.7	927.1	917.7
65°	577.7	377.4	575.3	771.0	908.4	913.0	878.1	847.9	822.3	808.2	805.9
67.5°	440.2	307.4	389.0	642.8	798.9	794.3	750.0	736.0	703.4	696.4	682.5
70°	326.1	205.0	270.2	521.7	691.8	680.1	645.2	628.9	598.6	582.3	573.0
72.5°	270.2	165.4	197.9	405.3	582.3	568.3	538.0	519.4	493.8	479.9	470.5
75°	219.0	174.7	151.4	300.5	472.8	463.5	435.5	416.9	396.0	377.4	379.7
77.5°	160.7	163.1	121.1	221.3	375.0	361.0	344.7	321.5	312.1	293.5	293.5
80°	121.1	128.1	90.9	151.4	270.2	270.2	256.2	239.9	223.6	214.3	214.3
82.5°	81.5	81.5	67.5	95.5	184.0	177.0	167.7	163.1	153.7	149.0	149.0
85°	37.3	46.6	41.9	58.3	100.1	104.8	104.8	100.1	97.8	93.1	95.5
87.5°	11.7	20.9	25.6	32.6	51.2	53.6	55.9	55.9	55.9	58.3	58.3
90°	7.2	12.8	18.5	19.9	31.3	46.5	54.1	48.1	36.1	27.1	27.1
92.5°	28.5	77.0	125.4	137.6	193.4	267.8	305.0	267.3	192.0	135.5	130.0
95°	68.5	157.1	245.8	268.0	475.8	753.1	891.6	795.6	603.7	459.7	443.3
97.5°	118.3	196.5	274.8	294.3	640.9	1103.2	1334.2	1273.6	1152.3	1061.2	1030.2
100°	156.8	227.8	298.7	316.4	701.0	1213.9	1470.3	1474.7	1483.6	1490.2	1453.3
102.5°	189.6	255.8	322.0	338.5	728.6	1248.7	1508.8	1586.1	1740.7	1856.6	1824.9
105°	245.2	301.3	357.3	371.3	749.0	1252.7	1504.6	1677.8	2024.3	2284.2	2267.2
107.5°	302.2	354.4	406.7	419.8	752.9	1196.9	1419.0	1660.8	2144.1	2506.6	2510.7
110°	340.6	387.8	435.0	446.8	747.1	1147.5	1347.7	1617.9	2158.3	2563.7	2581.4



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	378.5	423.4	468.4	479.7	747.4	1104.4	1282.8	1559.3	2112.4	2527.2	2554.5
115°	435.4	476.9	518.5	528.9	754.3	1054.9	1205.2	1471.6	2004.4	2404.0	2441.8
117.5°	491.8	529.5	567.1	576.6	768.3	1023.9	1151.7	1392.1	1873.0	2233.7	2275.5
120°	524.6	560.1	595.5	604.4	779.7	1013.4	1130.3	1350.0	1789.3	2118.9	2159.6
122.5°	556.7	592.5	628.3	637.2	796.1	1008.0	1114.0	1311.8	1707.5	2004.2	2044.3
125°	605.8	638.4	671.0	679.2	818.2	1003.5	1096.2	1264.2	1600.3	1852.4	1889.4
127.5°	645.7	678.6	711.6	719.8	840.3	1000.9	1081.2	1225.5	1514.1	1730.5	1761.7
130°	667.1	702.6	738.0	746.9	856.4	1002.4	1075.4	1203.9	1460.8	1653.5	1682.3
132.5°	689.2	724.7	760.1	769.0	869.5	1003.5	1070.5	1185.5	1415.5	1587.9	1613.7
135°	722.0	754.3	786.6	794.6	883.7	1002.6	1062.0	1158.2	1350.8	1495.3	1517.5
137.5°	755.4	787.5	819.5	827.5	905.1	1008.7	1060.5	1141.9	1304.7	1426.8	1445.0
140°	783.3	812.7	842.2	849.5	918.2	1009.7	1055.5	1125.8	1266.5	1372.0	1389.0
142.5°	804.6	831.9	859.1	865.9	929.2	1013.4	1055.5	1117.3	1240.8	1333.5	1348.2
145°	837.4	861.2	884.9	890.9	943.4	1013.4	1048.4	1098.9	1200.0	1275.8	1286.9
147.5°	870.3	893.4	916.5	922.3	964.3	1020.4	1048.4	1088.1	1167.7	1227.3	1236.5
150°	891.6	912.6	933.4	938.6	975.2	1024.0	1048.4	1082.0	1149.1	1199.5	1207.0
152.5°	913.7	929.5	945.4	949.4	982.4	1026.4	1048.4	1077.0	1134.4	1177.4	1183.0
155°	946.5	958.3	969.9	972.8	998.0	1031.6	1048.4	1071.2	1116.8	1151.1	1154.8
157.5°	970.7	982.1	993.5	996.3	1013.7	1036.8	1048.4	1066.1	1101.6	1128.2	1130.8
160°	987.1	996.0	1004.9	1007.1	1020.8	1039.2	1048.4	1063.6	1094.0	1116.8	1118.3
162.5°	1003.5	1010.1	1016.8	1018.5	1028.5	1041.8	1048.4	1061.2	1086.8	1106.1	1107.6
165°	1021.3	1027.4	1033.4	1034.9	1039.4	1045.3	1048.4	1057.6	1076.0	1089.8	1091.2
167.5°	1037.7	1040.6	1043.4	1044.2	1047.9	1053.0	1055.5	1061.6	1073.6	1082.6	1083.2
170°	1048.4	1051.2	1054.1	1054.8	1055.1	1055.3	1055.5	1061.6	1073.6	1082.6	1082.6
172.5°	1054.1	1054.7	1055.3	1055.5	1055.5	1055.5	1055.5	1060.3	1069.8	1076.9	1076.4
175°	1062.0	1062.0	1062.0	1062.0	1059.8	1057.0	1055.5	1058.6	1064.6	1069.1	1069.1
177.5°	1062.0	1062.0	1062.0	1062.0	1060.3	1058.0	1056.9	1059.3	1064.1	1067.6	1067.0
180°	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0
2.5°	2524.9	2517.9	2524.9	2520.2	2522.6	2515.6	2494.6	2487.6	2494.6	2501.5	2501.5
5°	2555.1	2550.5	2555.1	2555.1	2552.8	2548.2	2524.9	2520.2	2524.9	2527.2	2522.6
7.5°	2564.5	2557.5	2564.5	2559.8	2559.8	2555.1	2531.8	2527.2	2529.5	2536.5	2529.5
10°	2564.5	2557.5	2564.5	2562.1	2559.8	2555.1	2531.8	2522.6	2522.6	2529.5	2522.6
12.5°	2552.8	2548.2	2552.8	2548.2	2548.2	2543.5	2520.2	2510.9	2513.2	2515.6	2506.2
15°	2534.2	2527.2	2534.2	2529.5	2531.8	2524.9	2499.3	2489.9	2489.9	2494.6	2478.3
17.5°	2506.2	2497.0	2506.2	2503.9	2501.5	2497.0	2473.6	2464.3	2462.0	2464.3	2452.6
20°	2473.6	2466.7	2473.6	2471.3	2471.3	2462.0	2438.7	2427.0	2427.0	2427.0	2415.4
22.5°	2422.3	2415.4	2422.3	2427.0	2427.0	2424.7	2403.7	2387.5	2382.8	2382.8	2368.8
25°	2364.2	2357.2	2364.2	2364.2	2361.9	2364.2	2357.2	2347.8	2340.9	2333.9	2319.9
27.5°	2308.3	2303.6	2308.3	2303.6	2308.3	2301.3	2298.9	2296.6	2287.3	2280.3	2261.7
30°	2252.4	2247.7	2252.4	2247.7	2243.0	2238.3	2226.7	2222.1	2231.4	2226.7	2196.4
32.5°	2182.5	2177.8	2182.5	2182.5	2177.8	2177.8	2159.2	2152.2	2154.6	2168.5	2140.5
35°	2110.2	2103.3	2110.2	2107.9	2110.2	2103.3	2091.6	2089.3	2080.0	2096.3	2075.4
37.5°	2026.5	2019.4	2026.5	2026.5	2026.5	2031.0	2021.8	2014.8	2000.8	2021.8	2005.4
40°	1940.3	1930.9	1940.3	1937.9	1940.3	1944.9	1940.3	1935.6	1921.6	1937.9	1923.9
42.5°	1842.5	1840.1	1842.5	1844.8	1844.8	1854.0	1861.1	1851.7	1847.0	1835.4	1844.8
45°	1737.6	1733.0	1737.6	1742.2	1744.5	1749.2	1770.2	1770.2	1763.3	1744.5	1758.6
47.5°	1625.8	1614.1	1625.8	1639.7	1639.7	1646.7	1667.7	1684.1	1672.4	1649.1	1656.1
50°	1507.0	1509.3	1507.0	1516.3	1516.3	1541.9	1558.2	1574.6	1586.2	1558.2	1525.7
52.5°	1390.6	1388.2	1390.6	1397.6	1406.8	1418.5	1446.5	1462.7	1481.3	1465.1	1413.8
55°	1274.0	1278.7	1274.0	1276.4	1281.1	1288.1	1330.0	1346.3	1381.2	1360.3	1306.7
57.5°	1157.6	1150.6	1157.6	1162.3	1164.6	1171.6	1206.5	1236.8	1257.8	1260.1	1194.9
60°	1022.5	1013.2	1022.5	1043.5	1048.2	1052.8	1085.4	1113.3	1132.0	1139.0	1071.4
62.5°	903.7	887.4	903.7	917.7	927.1	938.7	961.9	1003.9	1020.2	1022.5	927.1
65°	777.9	771.0	777.9	805.9	808.2	822.3	847.9	878.1	913.0	908.4	771.0
67.5°	663.9	663.9	663.9	682.5	696.4	703.4	736.0	750.0	794.3	798.9	642.8
70°	559.0	556.7	559.0	573.0	582.3	598.6	628.9	645.2	680.1	691.8	521.7
72.5°	458.8	456.6	458.8	470.5	479.9	493.8	519.4	538.0	568.3	582.3	405.3
75°	370.4	365.7	370.4	379.7	377.4	396.0	416.9	435.5	463.5	472.8	300.5
77.5°	284.2	284.2	284.2	293.5	293.5	312.1	321.5	344.7	361.0	375.0	221.3
80°	212.0	209.6	212.0	214.3	214.3	223.6	239.9	256.2	270.2	270.2	151.4
82.5°	149.0	144.4	149.0	149.0	149.0	153.7	163.1	167.7	177.0	184.0	95.5
85°	93.1	93.1	93.1	95.5	93.1	97.8	100.1	104.8	104.8	100.1	58.3
87.5°	60.6	58.3	60.6	58.3	58.3	55.9	55.9	55.9	53.6	51.2	32.6
90°	27.1	27.1	27.1	27.1	27.1	36.1	48.1	54.1	46.5	31.3	19.9
92.5°	108.5	86.9	108.5	130.0	135.5	192.0	267.3	305.0	267.8	193.4	137.6
95°	378.1	312.8	378.1	443.3	459.7	603.7	795.6	891.6	753.1	475.8	268.0
97.5°	906.0	781.9	906.0	1030.2	1061.2	1152.3	1273.6	1334.2	1103.2	640.9	294.3
100°	1305.4	1157.5	1305.4	1453.3	1490.2	1483.6	1474.7	1470.3	1213.9	701.0	316.4
102.5°	1698.2	1571.6	1698.2	1824.9	1856.6	1740.7	1586.1	1508.8	1248.7	728.6	338.5
105°	2199.1	2131.0	2199.1	2267.2	2284.2	2024.3	1677.8	1504.6	1252.7	749.0	371.3
107.5°	2527.1	2543.7	2527.1	2510.7	2506.6	2144.1	1660.8	1419.0	1196.9	752.9	419.8
110°	2652.3	2723.3	2652.3	2581.4	2563.7	2158.3	1617.9	1347.7	1147.5	747.1	446.8



TEST NUMBER: P935764

CATALOG NUMBER: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2663.4	2772.4	2663.4	2554.5	2527.2	2112.4	1559.3	1282.8	1104.4	747.4	479.7
115°	2592.9	2743.9	2592.9	2441.8	2404.0	2004.4	1471.6	1205.2	1054.9	754.3	528.9
117.5°	2443.1	2610.7	2443.1	2275.5	2233.7	1873.0	1392.1	1151.7	1023.9	768.3	576.6
120°	2322.4	2485.2	2322.4	2159.6	2118.9	1789.3	1350.0	1130.3	1013.4	779.7	604.4
122.5°	2204.9	2365.5	2204.9	2044.3	2004.2	1707.5	1311.8	1114.0	1008.0	796.1	637.2
125°	2037.3	2185.2	2037.3	1889.4	1852.4	1600.3	1264.2	1096.2	1003.5	818.2	679.2
127.5°	1886.5	2011.3	1886.5	1761.7	1730.5	1514.1	1225.5	1081.2	1000.9	840.3	719.8
130°	1797.7	1912.9	1797.7	1682.3	1653.5	1460.8	1203.9	1075.4	1002.4	856.4	746.9
132.5°	1717.0	1820.2	1717.0	1613.7	1587.9	1415.5	1185.5	1070.5	1003.5	869.5	769.0
135°	1606.5	1695.5	1606.5	1517.5	1495.3	1350.8	1158.2	1062.0	1002.6	883.7	794.6
137.5°	1517.9	1590.7	1517.9	1445.0	1426.8	1304.7	1141.9	1060.5	1008.7	905.1	827.5
140°	1457.1	1525.2	1457.1	1389.0	1372.0	1266.5	1125.8	1055.5	1009.7	918.2	849.5
142.5°	1406.7	1465.4	1406.7	1348.2	1333.5	1240.8	1117.3	1055.5	1013.4	929.2	865.9
145°	1331.2	1375.5	1331.2	1286.9	1275.8	1200.0	1098.9	1048.4	1013.4	943.4	890.9
147.5°	1273.3	1310.0	1273.3	1236.5	1227.3	1167.7	1088.1	1048.4	1020.4	964.3	922.3
150°	1236.8	1266.5	1236.8	1207.0	1199.5	1149.1	1082.0	1048.4	1024.0	975.2	938.6
152.5°	1205.5	1228.0	1205.5	1183.0	1177.4	1134.4	1077.0	1048.4	1026.4	982.4	949.4
155°	1169.7	1184.6	1169.7	1154.8	1151.1	1116.8	1071.2	1048.4	1031.6	998.0	972.8
157.5°	1141.2	1151.7	1141.2	1130.8	1128.2	1101.6	1066.1	1048.4	1036.8	1013.7	996.3
160°	1124.4	1130.3	1124.4	1118.3	1116.8	1094.0	1063.6	1048.4	1039.2	1020.8	1007.1
162.5°	1113.3	1118.9	1113.3	1107.6	1106.1	1086.8	1061.2	1048.4	1041.8	1028.5	1018.5
165°	1097.3	1103.3	1097.3	1091.2	1089.8	1076.0	1057.6	1048.4	1045.3	1039.4	1034.9
167.5°	1085.7	1088.3	1085.7	1083.2	1082.6	1073.6	1061.6	1055.5	1053.0	1047.9	1044.2
170°	1082.6	1082.6	1082.6	1082.6	1082.6	1073.6	1061.6	1055.5	1055.3	1055.1	1054.8
172.5°	1074.2	1072.0	1074.2	1076.4	1076.9	1069.8	1060.3	1055.5	1055.5	1055.5	1055.5
175°	1069.1	1069.1	1069.1	1069.1	1069.1	1064.6	1058.6	1055.5	1057.0	1059.8	1062.0
177.5°	1064.5	1062.0	1064.5	1067.0	1067.6	1064.1	1059.3	1056.9	1058.0	1060.3	1062.0
180°	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0



TEST NUMBER: P935764

CATALOG NUMBER: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0
2.5°	2497.0	2482.9	2482.9	2459.7	2450.3	2443.4	2431.7	2396.7	2387.5	2378.1	2392.1
5°	2517.9	2492.3	2473.6	2431.7	2396.7	2382.8	2338.6	2254.7	2198.8	2156.9	2133.5
7.5°	2522.6	2489.9	2455.0	2389.8	2305.9	2268.6	2133.5	1979.8	1937.9	1900.6	1877.3
10°	2517.9	2480.6	2431.7	2333.9	2135.9	2070.7	1935.6	1835.4	1809.8	1802.8	1809.8
12.5°	2501.5	2466.7	2399.1	2236.1	1958.9	1914.6	1835.4	1777.2	1772.5	1784.2	1847.0
15°	2473.6	2441.0	2361.9	2105.7	1861.1	1828.4	1772.5	1751.6	1777.2	1858.7	2047.4
17.5°	2445.7	2408.4	2310.6	1977.5	1786.5	1763.3	1723.6	1765.6	1910.0	2019.4	2082.3
20°	2408.4	2364.2	2252.4	1884.3	1733.0	1712.0	1693.3	1882.0	1991.5	2031.0	2066.0
22.5°	2364.2	2317.5	2173.2	1819.1	1677.0	1660.8	1672.4	1947.3	1991.5	2019.4	2049.7
25°	2305.9	2266.3	2080.0	1767.8	1632.8	1614.1	1658.4	1940.3	1965.9	1972.9	2033.4
27.5°	2252.4	2201.1	1982.1	1721.3	1579.2	1572.2	1670.0	1910.0	1928.6	1935.6	2000.8
30°	2187.1	2110.2	1872.6	1672.4	1523.3	1521.0	1672.4	1872.6	1868.1	1886.7	1951.8
32.5°	2119.6	1975.2	1749.2	1611.8	1469.8	1467.4	1656.1	1816.8	1812.2	1837.8	1886.7
35°	2056.7	1870.4	1581.6	1541.9	1402.1	1404.5	1616.5	1751.6	1753.9	1777.2	1807.5
37.5°	1991.5	1779.5	1397.6	1465.1	1337.0	1337.0	1562.9	1691.0	1686.4	1693.3	1735.3
40°	1914.6	1637.4	1234.5	1364.9	1276.4	1269.4	1497.7	1625.8	1609.5	1607.2	1665.4
42.5°	1833.1	1481.3	1113.3	1232.2	1206.5	1197.2	1418.5	1546.6	1516.3	1523.3	1597.8
45°	1744.5	1439.5	1020.2	1041.1	1134.4	1127.3	1332.3	1455.7	1434.8	1453.4	1530.3
47.5°	1656.1	1355.6	989.9	864.1	1057.5	1055.2	1236.8	1367.3	1355.6	1374.2	1455.7
50°	1534.9	1262.5	987.6	740.7	971.3	980.6	1122.7	1281.1	1281.1	1297.3	1383.5
52.5°	1378.9	1148.3	896.8	670.8	871.2	899.1	1022.5	1206.5	1211.2	1227.5	1304.3
55°	1236.8	1029.5	831.5	617.2	752.3	812.9	924.7	1129.7	1139.0	1155.3	1225.1
57.5°	1106.4	857.1	817.6	554.4	642.8	701.1	838.5	1055.2	1059.8	1073.8	1141.3
60°	966.6	619.5	750.0	486.8	547.4	591.6	759.3	966.6	982.9	992.2	1050.5
62.5°	808.2	449.6	680.1	440.2	500.8	510.1	694.1	882.7	903.7	910.7	945.7
65°	575.3	377.4	577.7	400.7	451.9	454.2	624.2	796.6	815.2	826.8	852.5
67.5°	389.0	307.4	440.2	363.3	414.6	416.9	556.7	696.4	722.0	731.4	747.6
70°	270.2	205.0	326.1	323.8	372.7	377.4	484.5	605.6	628.9	635.9	645.2
72.5°	197.9	165.4	270.2	291.2	328.4	333.1	409.9	503.1	526.4	533.4	538.0
75°	151.4	174.7	219.0	253.9	279.5	281.8	335.4	409.9	426.3	430.9	433.2
77.5°	121.1	163.1	160.7	205.0	228.2	223.6	263.2	316.8	330.7	330.7	330.7
80°	90.9	128.1	121.1	146.7	167.7	163.1	188.7	225.9	230.6	235.2	232.9
82.5°	67.5	81.5	81.5	93.1	111.8	107.2	125.8	146.7	146.7	146.7	151.4
85°	41.9	46.6	37.3	48.9	62.9	60.6	69.8	79.2	81.5	81.5	76.9
87.5°	25.6	20.9	11.7	18.6	28.0	28.0	32.6	35.0	32.6	32.6	32.6
90°	18.5	12.8	7.2	12.8	18.5	19.9	31.3	46.5	54.1	48.1	36.1
92.5°	125.4	77.0	28.5	77.0	125.4	137.6	193.4	267.8	305.0	267.3	192.0
95°	245.8	157.1	68.5	157.1	245.8	268.0	475.8	753.1	891.6	795.6	603.7
97.5°	274.8	196.5	118.3	196.5	274.8	294.3	640.9	1103.2	1334.2	1273.6	1152.3
100°	298.7	227.8	156.8	227.8	298.7	316.4	701.0	1213.9	1470.3	1474.7	1483.6
102.5°	322.0	255.8	189.6	255.8	322.0	338.5	728.6	1248.7	1508.8	1586.1	1740.7
105°	357.3	301.3	245.2	301.3	357.3	371.3	749.0	1252.7	1504.6	1677.8	2024.3
107.5°	406.7	354.4	302.2	354.4	406.7	419.8	752.9	1196.9	1419.0	1660.8	2144.1
110°	435.0	387.8	340.6	387.8	435.0	446.8	747.1	1147.5	1347.7	1617.9	2158.3



TEST NUMBER: P935764

CATALOG NUMBER: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	468.4	423.4	378.5	423.4	468.4	479.7	747.4	1104.4	1282.8	1559.3	2112.4
115°	518.5	476.9	435.4	476.9	518.5	528.9	754.3	1054.9	1205.2	1471.6	2004.4
117.5°	567.1	529.5	491.8	529.5	567.1	576.6	768.3	1023.9	1151.7	1392.1	1873.0
120°	595.5	560.1	524.6	560.1	595.5	604.4	779.7	1013.4	1130.3	1350.0	1789.3
122.5°	628.3	592.5	556.7	592.5	628.3	637.2	796.1	1008.0	1114.0	1311.8	1707.5
125°	671.0	638.4	605.8	638.4	671.0	679.2	818.2	1003.5	1096.2	1264.2	1600.3
127.5°	711.6	678.6	645.7	678.6	711.6	719.8	840.3	1000.9	1081.2	1225.5	1514.1
130°	738.0	702.6	667.1	702.6	738.0	746.9	856.4	1002.4	1075.4	1203.9	1460.8
132.5°	760.1	724.7	689.2	724.7	760.1	769.0	869.5	1003.5	1070.5	1185.5	1415.5
135°	786.6	754.3	722.0	754.3	786.6	794.6	883.7	1002.6	1062.0	1158.2	1350.8
137.5°	819.5	787.5	755.4	787.5	819.5	827.5	905.1	1008.7	1060.5	1141.9	1304.7
140°	842.2	812.7	783.3	812.7	842.2	849.5	918.2	1009.7	1055.5	1125.8	1266.5
142.5°	859.1	831.9	804.6	831.9	859.1	865.9	929.2	1013.4	1055.5	1117.3	1240.8
145°	884.9	861.2	837.4	861.2	884.9	890.9	943.4	1013.4	1048.4	1098.9	1200.0
147.5°	916.5	893.4	870.3	893.4	916.5	922.3	964.3	1020.4	1048.4	1088.1	1167.7
150°	933.4	912.6	891.6	912.6	933.4	938.6	975.2	1024.0	1048.4	1082.0	1149.1
152.5°	945.4	929.5	913.7	929.5	945.4	949.4	982.4	1026.4	1048.4	1077.0	1134.4
155°	969.9	958.3	946.5	958.3	969.9	972.8	998.0	1031.6	1048.4	1071.2	1116.8
157.5°	993.5	982.1	970.7	982.1	993.5	996.3	1013.7	1036.8	1048.4	1066.1	1101.6
160°	1004.9	996.0	987.1	996.0	1004.9	1007.1	1020.8	1039.2	1048.4	1063.6	1094.0
162.5°	1016.8	1010.1	1003.5	1010.1	1016.8	1018.5	1028.5	1041.8	1048.4	1061.2	1086.8
165°	1033.4	1027.4	1021.3	1027.4	1033.4	1034.9	1039.4	1045.3	1048.4	1057.6	1076.0
167.5°	1043.4	1040.6	1037.7	1040.6	1043.4	1044.2	1047.9	1053.0	1055.5	1061.6	1073.6
170°	1054.1	1051.2	1048.4	1051.2	1054.1	1054.8	1055.1	1055.3	1055.5	1061.6	1073.6
172.5°	1055.3	1054.7	1054.1	1054.7	1055.3	1055.5	1055.5	1055.5	1055.5	1060.3	1069.8
175°	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1059.8	1057.0	1055.5	1058.6	1064.6
177.5°	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1060.3	1058.0	1056.9	1059.3	1064.1
180°	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0



TEST NUMBER: P935764

CATALOG NUMBER: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0
2.5°	2375.8	2368.8	2378.1	2352.5	2378.1	2368.8	2375.8	2392.1	2378.1	2387.5	2396.7
5°	2084.6	2073.0	2035.7	2005.4	2035.7	2073.0	2084.6	2133.5	2156.9	2198.8	2254.7
7.5°	1863.4	1854.0	1844.8	1826.1	1844.8	1854.0	1863.4	1877.3	1900.6	1937.9	1979.8
10°	1814.5	1816.8	1830.8	1828.4	1830.8	1816.8	1814.5	1809.8	1802.8	1809.8	1835.4
12.5°	1940.3	1961.2	2038.1	2033.4	2038.1	1961.2	1940.3	1847.0	1784.2	1772.5	1777.2
15°	2084.6	2091.6	2107.9	2110.2	2107.9	2091.6	2084.6	2047.4	1858.7	1777.2	1751.6
17.5°	2098.6	2101.0	2112.6	2112.6	2112.6	2101.0	2098.6	2082.3	2019.4	1910.0	1765.6
20°	2087.0	2091.6	2114.9	2119.6	2114.9	2091.6	2087.0	2066.0	2031.0	1991.5	1882.0
22.5°	2082.3	2091.6	2110.2	2107.9	2110.2	2091.6	2082.3	2049.7	2019.4	1991.5	1947.3
25°	2059.0	2059.0	2061.3	2063.7	2061.3	2059.0	2059.0	2033.4	1972.9	1965.9	1940.3
27.5°	2010.1	2014.8	2028.7	2026.5	2028.7	2014.8	2010.1	2000.8	1935.6	1928.6	1910.0
30°	1965.9	1961.2	1949.6	1940.3	1949.6	1961.2	1965.9	1951.8	1886.7	1868.1	1872.6
32.5°	1891.4	1879.7	1868.1	1861.1	1868.1	1879.7	1891.4	1886.7	1837.8	1812.2	1816.8
35°	1802.8	1805.1	1802.8	1795.8	1802.8	1805.1	1802.8	1807.5	1777.2	1753.9	1751.6
37.5°	1739.9	1744.5	1742.2	1733.0	1742.2	1744.5	1739.9	1735.3	1693.3	1686.4	1691.0
40°	1674.7	1677.0	1674.7	1667.7	1674.7	1677.0	1674.7	1665.4	1607.2	1609.5	1625.8
42.5°	1611.8	1609.5	1602.5	1597.8	1602.5	1609.5	1611.8	1597.8	1523.3	1516.3	1546.6
45°	1539.6	1541.9	1528.0	1521.0	1528.0	1541.9	1539.6	1530.3	1453.4	1434.8	1455.7
47.5°	1467.4	1467.4	1455.7	1448.8	1455.7	1467.4	1467.4	1455.7	1374.2	1355.6	1367.3
50°	1390.6	1388.2	1372.0	1369.6	1372.0	1388.2	1390.6	1383.5	1297.3	1281.1	1281.1
52.5°	1302.0	1302.0	1304.3	1309.0	1304.3	1302.0	1302.0	1304.3	1227.5	1211.2	1206.5
55°	1225.1	1227.5	1243.8	1248.4	1243.8	1227.5	1225.1	1225.1	1155.3	1139.0	1129.7
57.5°	1146.0	1146.0	1157.6	1157.6	1157.6	1146.0	1146.0	1141.3	1073.8	1059.8	1055.2
60°	1055.2	1059.8	1069.1	1066.8	1069.1	1059.8	1055.2	1050.5	992.2	982.9	966.6
62.5°	959.6	964.3	966.6	961.9	966.6	964.3	959.6	945.7	910.7	903.7	882.7
65°	859.5	864.1	866.5	861.8	866.5	864.1	859.5	852.5	826.8	815.2	796.6
67.5°	757.0	754.6	752.3	761.7	752.3	754.6	757.0	747.6	731.4	722.0	696.4
70°	652.2	652.2	649.8	654.5	649.8	652.2	652.2	645.2	635.9	628.9	605.6
72.5°	540.3	538.0	547.4	540.3	547.4	538.0	540.3	538.0	533.4	526.4	503.1
75°	430.9	435.5	430.9	437.9	430.9	435.5	430.9	433.2	430.9	426.3	409.9
77.5°	328.4	333.1	328.4	328.4	328.4	333.1	328.4	330.7	330.7	330.7	316.8
80°	232.9	230.6	230.6	228.2	230.6	230.6	232.9	232.9	235.2	230.6	225.9
82.5°	149.0	146.7	146.7	151.4	146.7	146.7	149.0	151.4	146.7	146.7	146.7
85°	81.5	83.9	79.2	79.2	79.2	83.9	81.5	76.9	81.5	81.5	79.2
87.5°	30.3	28.0	28.0	28.0	28.0	28.0	30.3	32.6	32.6	32.6	35.0
90°	27.1	27.1	27.1	27.1	27.1	27.1	27.1	36.1	48.1	54.1	46.5
92.5°	135.5	130.0	108.5	86.9	108.5	130.0	135.5	192.0	267.3	305.0	267.8
95°	459.7	443.3	378.1	312.8	378.1	443.3	459.7	603.7	795.6	891.6	753.1
97.5°	1061.2	1030.2	906.0	781.9	906.0	1030.2	1061.2	1152.3	1273.6	1334.2	1103.2
100°	1490.2	1453.3	1305.4	1157.5	1305.4	1453.3	1490.2	1483.6	1474.7	1470.3	1213.9
102.5°	1856.6	1824.9	1698.2	1571.6	1698.2	1824.9	1856.6	1740.7	1586.1	1508.8	1248.7
105°	2284.2	2267.2	2199.1	2131.0	2199.1	2267.2	2284.2	2024.3	1677.8	1504.6	1252.7
107.5°	2506.6	2510.7	2527.1	2543.7	2527.1	2510.7	2506.6	2144.1	1660.8	1419.0	1196.9
110°	2563.7	2581.4	2652.3	2723.3	2652.3	2581.4	2563.7	2158.3	1617.9	1347.7	1147.5



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2527.2	2554.5	2663.4	2772.4	2663.4	2554.5	2527.2	2112.4	1559.3	1282.8	1104.4
115°	2404.0	2441.8	2592.9	2743.9	2592.9	2441.8	2404.0	2004.4	1471.6	1205.2	1054.9
117.5°	2233.7	2275.5	2443.1	2610.7	2443.1	2275.5	2233.7	1873.0	1392.1	1151.7	1023.9
120°	2118.9	2159.6	2322.4	2485.2	2322.4	2159.6	2118.9	1789.3	1350.0	1130.3	1013.4
122.5°	2004.2	2044.3	2204.9	2365.5	2204.9	2044.3	2004.2	1707.5	1311.8	1114.0	1008.0
125°	1852.4	1889.4	2037.3	2185.2	2037.3	1889.4	1852.4	1600.3	1264.2	1096.2	1003.5
127.5°	1730.5	1761.7	1886.5	2011.3	1886.5	1761.7	1730.5	1514.1	1225.5	1081.2	1000.9
130°	1653.5	1682.3	1797.7	1912.9	1797.7	1682.3	1653.5	1460.8	1203.9	1075.4	1002.4
132.5°	1587.9	1613.7	1717.0	1820.2	1717.0	1613.7	1587.9	1415.5	1185.5	1070.5	1003.5
135°	1495.3	1517.5	1606.5	1695.5	1606.5	1517.5	1495.3	1350.8	1158.2	1062.0	1002.6
137.5°	1426.8	1445.0	1517.9	1590.7	1517.9	1445.0	1426.8	1304.7	1141.9	1060.5	1008.7
140°	1372.0	1389.0	1457.1	1525.2	1457.1	1389.0	1372.0	1266.5	1125.8	1055.5	1009.7
142.5°	1333.5	1348.2	1406.7	1465.4	1406.7	1348.2	1333.5	1240.8	1117.3	1055.5	1013.4
145°	1275.8	1286.9	1331.2	1375.5	1331.2	1286.9	1275.8	1200.0	1098.9	1048.4	1013.4
147.5°	1227.3	1236.5	1273.3	1310.0	1273.3	1236.5	1227.3	1167.7	1088.1	1048.4	1020.4
150°	1199.5	1207.0	1236.8	1266.5	1236.8	1207.0	1199.5	1149.1	1082.0	1048.4	1024.0
152.5°	1177.4	1183.0	1205.5	1228.0	1205.5	1183.0	1177.4	1134.4	1077.0	1048.4	1026.4
155°	1151.1	1154.8	1169.7	1184.6	1169.7	1154.8	1151.1	1116.8	1071.2	1048.4	1031.6
157.5°	1128.2	1130.8	1141.2	1151.7	1141.2	1130.8	1128.2	1101.6	1066.1	1048.4	1036.8
160°	1116.8	1118.3	1124.4	1130.3	1124.4	1118.3	1116.8	1094.0	1063.6	1048.4	1039.2
162.5°	1106.1	1107.6	1113.3	1118.9	1113.3	1107.6	1106.1	1086.8	1061.2	1048.4	1041.8
165°	1089.8	1091.2	1097.3	1103.3	1097.3	1091.2	1089.8	1076.0	1057.6	1048.4	1045.3
167.5°	1082.6	1083.2	1085.7	1088.3	1085.7	1083.2	1082.6	1073.6	1061.6	1055.5	1053.0
170°	1082.6	1082.6	1082.6	1082.6	1082.6	1082.6	1082.6	1073.6	1061.6	1055.5	1055.3
172.5°	1076.9	1076.4	1074.2	1072.0	1074.2	1076.4	1076.9	1069.8	1060.3	1055.5	1055.5
175°	1069.1	1069.1	1069.1	1069.1	1069.1	1069.1	1069.1	1064.6	1058.6	1055.5	1057.0
177.5°	1067.6	1067.0	1064.5	1062.0	1064.5	1067.0	1067.6	1064.1	1059.3	1056.9	1058.0
180°	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0



TEST NUMBER: P935764

CATALOG NUMBER: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2462.0	2462.0	2462.0	2462.0	2462.0
2.5°	2431.7	2443.4	2450.3	2459.7	2482.9
5°	2338.6	2382.8	2396.7	2431.7	2473.6
7.5°	2133.5	2268.6	2305.9	2389.8	2455.0
10°	1935.6	2070.7	2135.9	2333.9	2431.7
12.5°	1835.4	1914.6	1958.9	2236.1	2399.1
15°	1772.5	1828.4	1861.1	2105.7	2361.9
17.5°	1723.6	1763.3	1786.5	1977.5	2310.6
20°	1693.3	1712.0	1733.0	1884.3	2252.4
22.5°	1672.4	1660.8	1677.0	1819.1	2173.2
25°	1658.4	1614.1	1632.8	1767.8	2080.0
27.5°	1670.0	1572.2	1579.2	1721.3	1982.1
30°	1672.4	1521.0	1523.3	1672.4	1872.6
32.5°	1656.1	1467.4	1469.8	1611.8	1749.2
35°	1616.5	1404.5	1402.1	1541.9	1581.6
37.5°	1562.9	1337.0	1337.0	1465.1	1397.6
40°	1497.7	1269.4	1276.4	1364.9	1234.5
42.5°	1418.5	1197.2	1206.5	1232.2	1113.3
45°	1332.3	1127.3	1134.4	1041.1	1020.2
47.5°	1236.8	1055.2	1057.5	864.1	989.9
50°	1122.7	980.6	971.3	740.7	987.6
52.5°	1022.5	899.1	871.2	670.8	896.8
55°	924.7	812.9	752.3	617.2	831.5
57.5°	838.5	701.1	642.8	554.4	817.6
60°	759.3	591.6	547.4	486.8	750.0
62.5°	694.1	510.1	500.8	440.2	680.1
65°	624.2	454.2	451.9	400.7	577.7
67.5°	556.7	416.9	414.6	363.3	440.2
70°	484.5	377.4	372.7	323.8	326.1
72.5°	409.9	333.1	328.4	291.2	270.2
75°	335.4	281.8	279.5	253.9	219.0
77.5°	263.2	223.6	228.2	205.0	160.7
80°	188.7	163.1	167.7	146.7	121.1
82.5°	125.8	107.2	111.8	93.1	81.5
85°	69.8	60.6	62.9	48.9	37.3
87.5°	32.6	28.0	28.0	18.6	11.7
90°	31.3	19.9	18.5	12.8	7.2
92.5°	193.4	137.6	125.4	77.0	28.5
95°	475.8	268.0	245.8	157.1	68.5
97.5°	640.9	294.3	274.8	196.5	118.3
100°	701.0	316.4	298.7	227.8	156.8
102.5°	728.6	338.5	322.0	255.8	189.6
105°	749.0	371.3	357.3	301.3	245.2
107.5°	752.9	419.8	406.7	354.4	302.2
110°	747.1	446.8	435.0	387.8	340.6



TEST NUMBER: P935764

CATALOG NUMBER: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	747.4	479.7	468.4	423.4	378.5
115°	754.3	528.9	518.5	476.9	435.4
117.5°	768.3	576.6	567.1	529.5	491.8
120°	779.7	604.4	595.5	560.1	524.6
122.5°	796.1	637.2	628.3	592.5	556.7
125°	818.2	679.2	671.0	638.4	605.8
127.5°	840.3	719.8	711.6	678.6	645.7
130°	856.4	746.9	738.0	702.6	667.1
132.5°	869.5	769.0	760.1	724.7	689.2
135°	883.7	794.6	786.6	754.3	722.0
137.5°	905.1	827.5	819.5	787.5	755.4
140°	918.2	849.5	842.2	812.7	783.3
142.5°	929.2	865.9	859.1	831.9	804.6
145°	943.4	890.9	884.9	861.2	837.4
147.5°	964.3	922.3	916.5	893.4	870.3
150°	975.2	938.6	933.4	912.6	891.6
152.5°	982.4	949.4	945.4	929.5	913.7
155°	998.0	972.8	969.9	958.3	946.5
157.5°	1013.7	996.3	993.5	982.1	970.7
160°	1020.8	1007.1	1004.9	996.0	987.1
162.5°	1028.5	1018.5	1016.8	1010.1	1003.5
165°	1039.4	1034.9	1033.4	1027.4	1021.3
167.5°	1047.9	1044.2	1043.4	1040.6	1037.7
170°	1055.1	1054.8	1054.1	1051.2	1048.4
172.5°	1055.5	1055.5	1055.3	1054.7	1054.1
175°	1059.8	1062.0	1062.0	1062.0	1062.0
177.5°	1060.3	1062.0	1062.0	1062.0	1062.0
180°	1062.0	1062.0	1062.0	1062.0	1062.0



TEST NUMBER: P935764
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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	14.09	14.93	15.06	15.92	17.22	16.91	17.76	17.89	18.74	20.04
	3H	14.56	15.32	15.55	16.32	17.64	18.26	19.01	19.24	20.01	21.33
	4H	14.75	15.47	15.75	16.47	17.80	18.70	19.41	19.70	20.41	21.74
	6H	14.87	15.53	15.88	16.54	17.88	18.98	19.64	19.99	20.64	21.98
	8H	14.87	15.50	15.89	16.52	17.86	19.05	19.68	20.07	20.70	22.04
	12H	14.84	15.44	15.86	16.46	17.82	19.09	19.69	20.11	20.70	22.06
4H	2H	15.12	15.83	16.12	16.83	18.16	17.32	18.04	18.32	19.04	20.36
	3H	16.14	16.74	17.16	17.77	19.11	18.82	19.42	19.84	20.45	21.79
	4H	16.42	16.96	17.44	17.99	19.35	19.35	19.90	20.37	20.92	22.28
	6H	16.54	17.01	17.57	18.06	19.42	19.71	20.18	20.74	21.23	22.59
	8H	16.55	16.99	17.58	18.02	19.40	19.82	20.26	20.85	21.29	22.67
	12H	16.51	16.91	17.57	17.96	19.34	19.87	20.27	20.92	21.32	22.70
8H	4H	16.87	17.31	17.90	18.35	19.72	19.47	19.91	20.51	20.95	22.32
	6H	17.13	17.49	18.19	18.57	19.95	19.91	20.27	20.96	21.35	22.72
	8H	17.17	17.49	18.24	18.56	19.95	20.06	20.38	21.12	21.44	22.83
	12H	17.16	17.44	18.22	18.50	19.93	20.15	20.43	21.22	21.49	22.93
12H	4H	16.88	17.27	17.93	18.32	19.70	19.44	19.83	20.49	20.88	22.27
	6H	17.19	17.51	18.26	18.57	19.97	19.90	20.22	20.97	21.29	22.68
	8H	17.26	17.54	18.32	18.60	20.03	20.06	20.34	21.13	21.40	22.84