

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: P935790

Luminaire Tested: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-6-4000K

Issue Date: 12/17/2024

**Test Information**

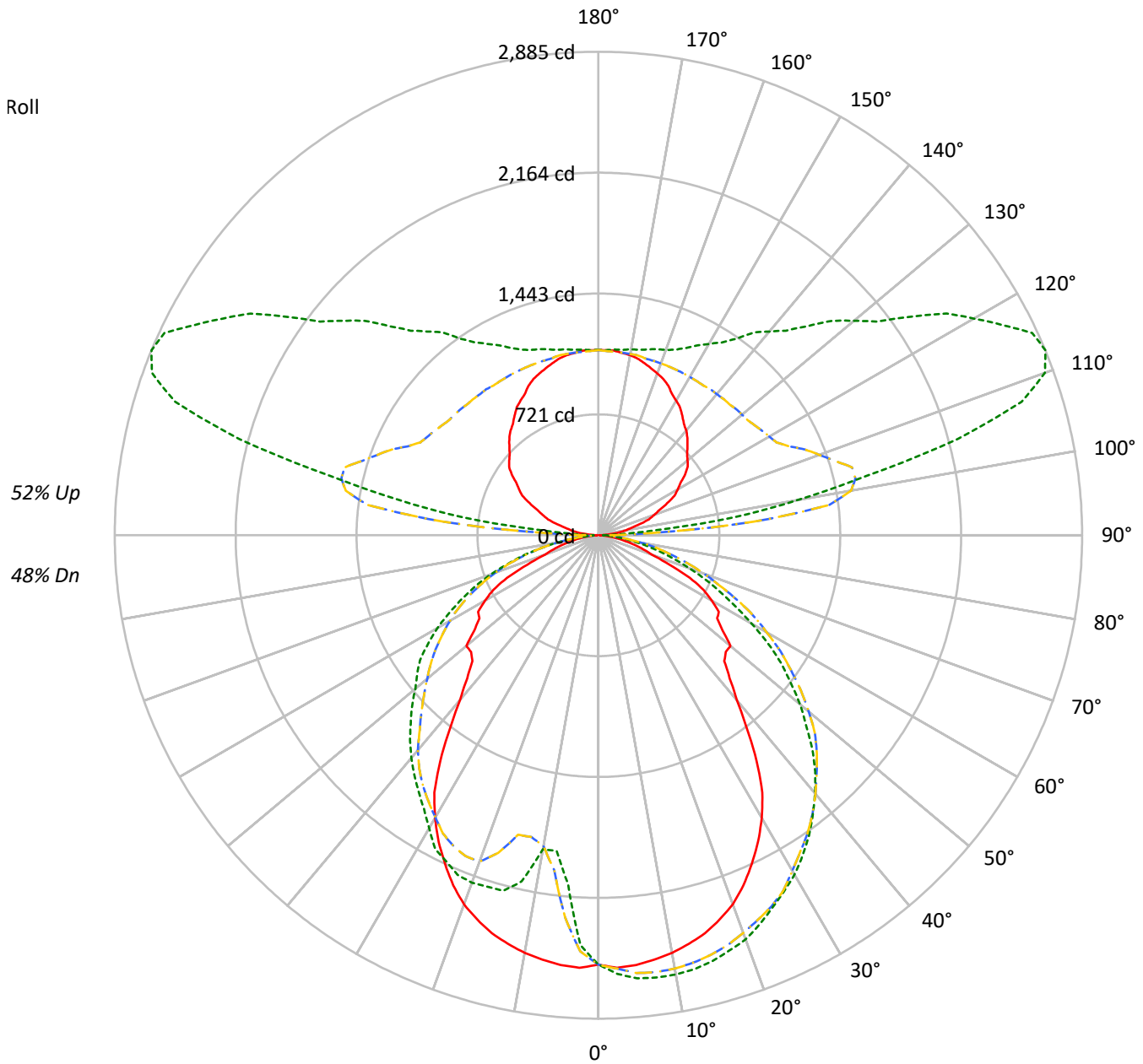
Test Method: LM-79-2019  
Report Number: P935790  
REPORT IS A COMBINATION OF REPORTS P933767 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-6-4000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13811.2 lumens  
Efficiency: N/A  
Efficacy: 122.4 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°	15850	15850	15850	15850
5°	15962	15999	15962	12580
10°	15850	15760	15850	11267
15°	15671	15419	15671	12874
20°	15338	15014	15338	12902
25°	14660	14424	14660	12628
30°	13788	13934	13788	12029
35°	12286	13315	12286	11368
40°	10231	12585	10231	10870
45°	9136	11732	9136	10297
50°	9699	10714	9699	9721
55°	9115	9616	9115	9389
60°	9386	8167	9386	8600
65°	8497	6751	8497	7547
70°	5868	5380	5868	6326
75°	5128	3978	5128	4763
80°	4104	2629	4104	2863
85°	2313	1392	2313	1184

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 14011 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	231.3	1.7
10°-20°	656.6	4.8
20°-30°	1015.1	7.3
30°-40°	1211.8	8.8
40°-50°	1218.9	8.8
50°-60°	1060.5	7.7
60°-70°	751.9	5.4
70°-80°	397.8	2.9
80°-90°	103.3	0.7
90°-100°	538.7	3.9
100°-110°	1416.2	10.3
110°-120°	1468.5	10.6
120°-130°	1177.9	8.5
130°-140°	924.2	6.7
140°-150°	709.4	5.1
150°-160°	510.9	3.7
160°-170°	312.6	2.3
170°-180°	105.6	0.8
0°-30°	1903.0	13.8
0°-40°	3114.7	22.6
0°-60°	5394.1	39.1
0°-90°	6647.2	48.1
90°-120°	3423.4	24.8
90°-150°	6234.9	45.1
90°-180°	7164.0	51.9
0°-180°	13811.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2562	2562	2562	2562	2562	
5°	2574	2654	2574	2087	2574	244
15°	2458	2630	2458	2196	2458	692
25°	2164	2453	2164	2148	2164	994
35°	1646	2189	1646	1869	1646	1018
45°	1062	1803	1062	1583	1062	850
55°	865	1331	865	1299	865	795
65°	601	802	601	897	601	575
75°	228	381	228	456	228	240
85°	39	97	39	82	39	52
90°	7	28	7	28	7	8
95°	71	326	71	326	71	79
105°	255	2218	255	2218	255	271
115°	453	2855	453	2855	453	448
125°	630	2274	630	2274	630	560
135°	751	1764	751	1764	751	581
145°	871	1431	871	1431	871	546
155°	985	1233	985	1233	985	453
165°	1063	1148	1063	1148	1063	300
175°	1105	1113	1105	1113	1105	105
180°	1105	1105	1105	1105	1105	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1
2.5°	2583.8	2583.8	2598.5	2603.2	2603.2	2596.0	2588.7	2596.0	2617.8	2625.1	2622.6
5°	2574.2	2593.6	2620.2	2625.1	2630.0	2627.5	2622.6	2627.5	2651.7	2656.6	2659.0
7.5°	2554.8	2591.1	2625.1	2632.4	2639.6	2632.4	2630.0	2634.7	2659.0	2663.9	2663.9
10°	2530.6	2581.5	2620.2	2625.1	2632.4	2625.1	2625.1	2634.7	2659.0	2663.9	2666.3
12.5°	2496.7	2566.9	2603.2	2608.1	2617.8	2615.4	2613.0	2622.6	2646.9	2651.7	2651.7
15°	2457.9	2540.2	2574.2	2579.1	2596.0	2591.1	2591.1	2600.8	2627.5	2634.7	2632.4
17.5°	2404.5	2506.3	2545.1	2552.3	2564.5	2562.1	2564.5	2574.2	2598.5	2603.2	2605.7
20°	2344.0	2460.3	2506.3	2513.6	2525.7	2525.7	2525.7	2537.8	2562.1	2571.7	2571.7
22.5°	2261.5	2411.8	2460.3	2465.1	2479.7	2479.7	2484.5	2501.4	2523.3	2525.7	2525.7
25°	2164.5	2358.5	2399.6	2414.2	2428.8	2436.0	2443.3	2453.0	2460.3	2457.9	2460.3
27.5°	2062.7	2290.6	2344.0	2353.6	2373.0	2380.2	2390.0	2392.4	2394.9	2402.1	2397.2
30°	1948.8	2196.0	2276.1	2285.7	2317.2	2322.1	2312.4	2317.2	2329.3	2334.2	2339.1
32.5°	1820.3	2055.4	2205.8	2227.5	2256.7	2242.1	2239.7	2246.9	2266.3	2266.3	2271.2
35°	1645.8	1946.4	2140.3	2159.7	2181.5	2164.5	2174.2	2176.6	2188.8	2196.0	2193.6
37.5°	1454.4	1851.8	2072.4	2087.0	2104.0	2082.1	2096.7	2104.0	2113.6	2108.8	2108.8
40°	1284.7	1704.0	1992.4	2002.2	2016.7	1999.7	2014.3	2019.2	2023.9	2019.2	2016.7
42.5°	1158.6	1541.6	1907.6	1919.7	1910.0	1922.1	1927.0	1936.7	1929.4	1919.7	1919.7
45°	1061.7	1498.0	1815.5	1830.1	1815.5	1834.9	1842.2	1842.2	1820.3	1815.5	1813.1
47.5°	1030.2	1410.7	1723.4	1723.4	1716.1	1740.4	1752.5	1735.5	1713.7	1706.4	1706.4
50°	1027.8	1313.8	1597.3	1587.7	1621.6	1650.7	1638.6	1621.6	1604.6	1577.9	1577.9
52.5°	933.2	1195.0	1435.0	1471.3	1524.7	1541.6	1522.2	1505.3	1476.1	1464.0	1454.4
55°	865.3	1071.3	1287.1	1359.8	1415.6	1437.4	1401.0	1384.1	1340.4	1333.2	1328.3
57.5°	850.8	892.0	1151.3	1243.5	1311.3	1308.9	1287.1	1255.5	1219.2	1212.0	1209.5
60°	780.5	644.7	1005.9	1115.0	1185.3	1178.0	1158.6	1129.6	1095.6	1090.8	1085.9
62.5°	707.8	467.9	841.1	964.7	1064.1	1061.7	1044.7	1001.0	976.9	964.7	955.0
65°	601.2	392.7	598.7	802.3	945.4	950.1	913.8	882.3	855.7	841.1	838.7
67.5°	458.1	319.9	404.8	669.0	831.4	826.6	780.5	765.9	732.0	724.7	710.2
70°	339.3	213.3	281.2	542.9	719.9	707.8	671.5	654.5	622.9	605.9	596.3
72.5°	281.2	172.1	206.0	421.7	605.9	591.4	559.9	540.5	513.9	499.4	489.6
75°	227.9	181.8	157.6	312.7	492.0	482.4	453.2	433.9	412.1	392.7	395.1
77.5°	167.2	169.7	126.1	230.3	390.2	375.7	358.7	334.5	324.8	305.4	305.4
80°	126.1	133.3	94.5	157.6	281.2	281.2	266.6	249.6	232.7	223.0	223.0
82.5°	84.8	84.8	70.3	99.4	191.5	184.2	174.5	169.7	160.0	155.1	155.1
85°	38.8	48.5	43.6	60.6	104.2	109.1	109.1	104.2	101.8	96.9	99.4
87.5°	12.1	21.8	26.6	33.9	53.3	55.8	58.2	58.2	58.2	60.6	60.6
90°	7.4	13.4	19.3	20.7	32.6	48.4	56.3	50.0	37.5	28.2	28.2
92.5°	29.7	80.1	130.5	143.2	201.2	278.7	317.4	278.2	199.8	141.0	135.3
95°	71.2	163.5	255.7	278.9	495.2	783.7	927.9	828.0	628.2	478.4	461.4
97.5°	123.1	204.5	285.9	306.3	667.0	1148.0	1388.5	1325.3	1199.1	1104.4	1072.1
100°	163.2	237.0	310.9	329.3	729.5	1263.3	1530.1	1534.7	1543.9	1550.8	1512.3
102.5°	197.3	266.2	335.1	352.3	758.3	1299.5	1570.1	1650.5	1811.4	1932.1	1899.1
105°	255.2	313.5	371.8	386.4	779.5	1303.7	1565.7	1746.0	2106.6	2377.1	2359.3
107.5°	314.5	368.8	423.3	436.8	783.5	1245.6	1476.7	1728.3	2231.3	2608.5	2612.8
110°	354.5	403.6	452.7	465.0	777.5	1194.1	1402.5	1683.7	2246.1	2667.9	2686.3



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	393.8	440.6	487.4	499.2	777.8	1149.2	1335.0	1622.7	2198.3	2630.0	2658.3
115°	453.1	496.3	539.6	550.4	785.0	1097.8	1254.2	1531.4	2085.9	2501.7	2541.1
117.5°	511.8	551.0	590.2	600.0	799.5	1065.5	1198.5	1448.7	1949.2	2324.5	2368.0
120°	545.9	582.8	619.7	629.0	811.4	1054.6	1176.3	1404.9	1862.1	2205.0	2247.4
122.5°	579.3	616.5	653.8	663.1	828.5	1049.0	1159.3	1365.2	1776.9	2085.6	2127.4
125°	630.4	664.4	698.3	706.8	851.5	1044.3	1140.7	1315.6	1665.3	1927.7	1966.2
127.5°	671.9	706.2	740.5	749.1	874.5	1041.6	1125.2	1275.3	1575.7	1800.8	1833.3
130°	694.2	731.1	768.0	777.3	891.2	1043.1	1119.2	1252.9	1520.2	1720.7	1750.7
132.5°	717.2	754.2	791.0	800.3	904.9	1044.3	1114.0	1233.7	1473.0	1652.4	1679.3
135°	751.3	784.9	818.5	826.9	919.7	1043.3	1105.1	1205.3	1405.8	1556.1	1579.2
137.5°	786.2	819.5	852.8	861.1	941.9	1049.7	1103.6	1188.3	1357.7	1484.8	1503.7
140°	815.1	845.7	876.4	884.0	955.5	1050.8	1098.4	1171.6	1318.0	1427.7	1445.5
142.5°	837.3	865.7	894.1	901.1	966.9	1054.6	1098.4	1162.7	1291.3	1387.7	1403.0
145°	871.4	896.2	920.9	927.1	981.7	1054.6	1091.0	1143.6	1248.8	1327.6	1339.2
147.5°	905.6	929.7	953.8	959.8	1003.5	1061.9	1091.0	1132.3	1215.1	1277.2	1286.8
150°	927.9	949.7	971.3	976.8	1014.9	1065.6	1091.0	1125.9	1195.9	1248.3	1256.0
152.5°	950.8	967.3	983.8	987.9	1022.3	1068.1	1091.0	1120.8	1180.5	1225.3	1231.1
155°	985.0	997.2	1009.3	1012.4	1038.6	1073.5	1091.0	1114.8	1162.2	1197.9	1201.8
157.5°	1010.2	1022.0	1033.9	1036.8	1054.9	1079.0	1091.0	1109.4	1146.4	1174.1	1176.8
160°	1027.2	1036.5	1045.7	1048.0	1062.3	1081.4	1091.0	1106.8	1138.5	1162.2	1163.8
162.5°	1044.3	1051.2	1058.1	1059.9	1070.3	1084.1	1091.0	1104.4	1131.0	1151.1	1152.6
165°	1062.8	1069.1	1075.4	1077.0	1081.6	1087.8	1091.0	1100.5	1119.7	1134.1	1135.6
167.5°	1079.9	1082.9	1085.8	1086.6	1090.5	1095.8	1098.4	1104.7	1117.3	1126.6	1127.3
170°	1091.0	1094.0	1096.9	1097.7	1098.0	1098.2	1098.4	1104.7	1117.3	1126.6	1126.6
172.5°	1096.9	1097.6	1098.2	1098.4	1098.4	1098.4	1098.4	1103.4	1113.2	1120.7	1120.1
175°	1105.1	1105.1	1105.1	1105.1	1102.9	1100.0	1098.4	1101.6	1107.9	1112.6	1112.6
177.5°	1105.1	1105.1	1105.1	1105.1	1103.4	1101.0	1099.9	1102.4	1107.3	1111.0	1110.4
180°	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1
2.5°	2627.5	2620.2	2627.5	2622.6	2625.1	2617.8	2596.0	2588.7	2596.0	2603.2	2603.2
5°	2659.0	2654.1	2659.0	2659.0	2656.6	2651.7	2627.5	2622.6	2627.5	2630.0	2625.1
7.5°	2668.7	2661.5	2668.7	2663.9	2663.9	2659.0	2634.7	2630.0	2632.4	2639.6	2632.4
10°	2668.7	2661.5	2668.7	2666.3	2663.9	2659.0	2634.7	2625.1	2625.1	2632.4	2625.1
12.5°	2656.6	2651.7	2656.6	2651.7	2651.7	2646.9	2622.6	2613.0	2615.4	2617.8	2608.1
15°	2637.2	2630.0	2637.2	2632.4	2634.7	2627.5	2600.8	2591.1	2591.1	2596.0	2579.1
17.5°	2608.1	2598.5	2608.1	2605.7	2603.2	2598.5	2574.2	2564.5	2562.1	2564.5	2552.3
20°	2574.2	2566.9	2574.2	2571.7	2571.7	2562.1	2537.8	2525.7	2525.7	2525.7	2513.6
22.5°	2520.8	2513.6	2520.8	2525.7	2525.7	2523.3	2501.4	2484.5	2479.7	2479.7	2465.1
25°	2460.3	2453.0	2460.3	2460.3	2457.9	2460.3	2453.0	2443.3	2436.0	2428.8	2414.2
27.5°	2402.1	2397.2	2402.1	2397.2	2402.1	2394.9	2392.4	2390.0	2380.2	2373.0	2353.6
30°	2344.0	2339.1	2344.0	2339.1	2334.2	2329.3	2317.2	2312.4	2322.1	2317.2	2285.7
32.5°	2271.2	2266.3	2271.2	2271.2	2266.3	2266.3	2246.9	2239.7	2242.1	2256.7	2227.5
35°	2196.0	2188.8	2196.0	2193.6	2196.0	2188.8	2176.6	2174.2	2164.5	2181.5	2159.7
37.5°	2108.8	2101.5	2108.8	2108.8	2108.8	2113.6	2104.0	2096.7	2082.1	2104.0	2087.0
40°	2019.2	2009.4	2019.2	2016.7	2019.2	2023.9	2019.2	2014.3	1999.7	2016.7	2002.2
42.5°	1917.4	1914.9	1917.4	1919.7	1919.7	1929.4	1936.7	1927.0	1922.1	1910.0	1919.7
45°	1808.2	1803.4	1808.2	1813.1	1815.5	1820.3	1842.2	1842.2	1834.9	1815.5	1830.1
47.5°	1691.9	1679.7	1691.9	1706.4	1706.4	1713.7	1735.5	1752.5	1740.4	1716.1	1723.4
50°	1568.3	1570.7	1568.3	1577.9	1577.9	1604.6	1621.6	1638.6	1650.7	1621.6	1587.7
52.5°	1447.1	1444.6	1447.1	1454.4	1464.0	1476.1	1505.3	1522.2	1541.6	1524.7	1471.3
55°	1325.8	1330.7	1325.8	1328.3	1333.2	1340.4	1384.1	1401.0	1437.4	1415.6	1359.8
57.5°	1204.6	1197.4	1204.6	1209.5	1212.0	1219.2	1255.5	1287.1	1308.9	1311.3	1243.5
60°	1064.1	1054.4	1064.1	1085.9	1090.8	1095.6	1129.6	1158.6	1178.0	1185.3	1115.0
62.5°	940.5	923.5	940.5	955.0	964.7	976.9	1001.0	1044.7	1061.7	1064.1	964.7
65°	809.6	802.3	809.6	838.7	841.1	855.7	882.3	913.8	950.1	945.4	802.3
67.5°	690.8	690.8	690.8	710.2	724.7	732.0	765.9	780.5	826.6	831.4	669.0
70°	581.7	579.3	581.7	596.3	605.9	622.9	654.5	671.5	707.8	719.9	542.9
72.5°	477.5	475.1	477.5	489.6	499.4	513.9	540.5	559.9	591.4	605.9	421.7
75°	385.4	380.6	385.4	395.1	392.7	412.1	433.9	453.2	482.4	492.0	312.7
77.5°	295.8	295.8	295.8	305.4	305.4	324.8	334.5	358.7	375.7	390.2	230.3
80°	220.6	218.1	220.6	223.0	223.0	232.7	249.6	266.6	281.2	281.2	157.6
82.5°	155.1	150.3	155.1	155.1	155.1	160.0	169.7	174.5	184.2	191.5	99.4
85°	96.9	96.9	96.9	99.4	96.9	101.8	104.2	109.1	109.1	104.2	60.6
87.5°	63.0	60.6	63.0	60.6	60.6	58.2	58.2	58.2	55.8	53.3	33.9
90°	28.2	28.2	28.2	28.2	28.2	37.5	50.0	56.3	48.4	32.6	20.7
92.5°	112.9	90.4	112.9	135.3	141.0	199.8	278.2	317.4	278.7	201.2	143.2
95°	393.5	325.6	393.5	461.4	478.4	628.2	828.0	927.9	783.7	495.2	278.9
97.5°	942.9	813.7	942.9	1072.1	1104.4	1199.1	1325.3	1388.5	1148.0	667.0	306.3
100°	1358.5	1204.5	1358.5	1512.3	1550.8	1543.9	1534.7	1530.1	1263.3	729.5	329.3
102.5°	1767.2	1635.4	1767.2	1899.1	1932.1	1811.4	1650.5	1570.1	1299.5	758.3	352.3
105°	2288.5	2217.6	2288.5	2359.3	2377.1	2106.6	1746.0	1565.7	1303.7	779.5	386.4
107.5°	2629.9	2647.1	2629.9	2612.8	2608.5	2231.3	1728.3	1476.7	1245.6	783.5	436.8
110°	2760.1	2834.0	2760.1	2686.3	2667.9	2246.1	1683.7	1402.5	1194.1	777.5	465.0





TEST NUMBER: P935790

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2771.7	2885.2	2771.7	2658.3	2630.0	2198.3	1622.7	1335.0	1149.2	777.8	499.2
115°	2698.3	2855.4	2698.3	2541.1	2501.7	2085.9	1531.4	1254.2	1097.8	785.0	550.4
117.5°	2542.4	2716.8	2542.4	2368.0	2324.5	1949.2	1448.7	1198.5	1065.5	799.5	600.0
120°	2416.8	2586.2	2416.8	2247.4	2205.0	1862.1	1404.9	1176.3	1054.6	811.4	629.0
122.5°	2294.5	2461.6	2294.5	2127.4	2085.6	1776.9	1365.2	1159.3	1049.0	828.5	663.1
125°	2120.1	2274.0	2120.1	1966.2	1927.7	1665.3	1315.6	1140.7	1044.3	851.5	706.8
127.5°	1963.2	2093.1	1963.2	1833.3	1800.8	1575.7	1275.3	1125.2	1041.6	874.5	749.1
130°	1870.7	1990.7	1870.7	1750.7	1720.7	1520.2	1252.9	1119.2	1043.1	891.2	777.3
132.5°	1786.8	1894.2	1786.8	1679.3	1652.4	1473.0	1233.7	1114.0	1044.3	904.9	800.3
135°	1671.8	1764.5	1671.8	1579.2	1556.1	1405.8	1205.3	1105.1	1043.3	919.7	826.9
137.5°	1579.6	1655.4	1579.6	1503.7	1484.8	1357.7	1188.3	1103.6	1049.7	941.9	861.1
140°	1516.3	1587.2	1516.3	1445.5	1427.7	1318.0	1171.6	1098.4	1050.8	955.5	884.0
142.5°	1463.9	1524.9	1463.9	1403.0	1387.7	1291.3	1162.7	1098.4	1054.6	966.9	901.1
145°	1385.3	1431.4	1385.3	1339.2	1327.6	1248.8	1143.6	1091.0	1054.6	981.7	927.1
147.5°	1325.1	1363.3	1325.1	1286.8	1277.2	1215.1	1132.3	1091.0	1061.9	1003.5	959.8
150°	1287.1	1318.0	1287.1	1256.0	1248.3	1195.9	1125.9	1091.0	1065.6	1014.9	976.8
152.5°	1254.5	1277.9	1254.5	1231.1	1225.3	1180.5	1120.8	1091.0	1068.1	1022.3	987.9
155°	1217.2	1232.7	1217.2	1201.8	1197.9	1162.2	1114.8	1091.0	1073.5	1038.6	1012.4
157.5°	1187.6	1198.5	1187.6	1176.8	1174.1	1146.4	1109.4	1091.0	1079.0	1054.9	1036.8
160°	1170.1	1176.3	1170.1	1163.8	1162.2	1138.5	1106.8	1091.0	1081.4	1062.3	1048.0
162.5°	1158.5	1164.4	1158.5	1152.6	1151.1	1131.0	1104.4	1091.0	1084.1	1070.3	1059.9
165°	1141.9	1148.1	1141.9	1135.6	1134.1	1119.7	1100.5	1091.0	1087.8	1081.6	1077.0
167.5°	1129.9	1132.5	1129.9	1127.3	1126.6	1117.3	1104.7	1098.4	1095.8	1090.5	1086.6
170°	1126.6	1126.6	1126.6	1126.6	1126.6	1117.3	1104.7	1098.4	1098.2	1098.0	1097.7
172.5°	1117.8	1115.5	1117.8	1120.1	1120.7	1113.2	1103.4	1098.4	1098.4	1098.4	1098.4
175°	1112.6	1112.6	1112.6	1112.6	1112.6	1107.9	1101.6	1098.4	1100.0	1102.9	1105.1
177.5°	1107.8	1105.1	1107.8	1110.4	1111.0	1107.3	1102.4	1099.9	1101.0	1103.4	1105.1
180°	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1



TEST NUMBER: P935790

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1
2.5°	2598.5	2583.8	2583.8	2559.7	2549.9	2542.7	2530.6	2494.2	2484.5	2474.8	2489.3
5°	2620.2	2593.6	2574.2	2530.6	2494.2	2479.7	2433.6	2346.3	2288.2	2244.5	2220.3
7.5°	2625.1	2591.1	2554.8	2486.9	2399.6	2360.9	2220.3	2060.3	2016.7	1977.9	1953.6
10°	2620.2	2581.5	2530.6	2428.8	2222.8	2154.9	2014.3	1910.0	1883.4	1876.1	1883.4
12.5°	2603.2	2566.9	2496.7	2327.0	2038.5	1992.4	1910.0	1849.5	1844.6	1856.7	1922.1
15°	2574.2	2540.2	2457.9	2191.2	1936.7	1902.7	1844.6	1822.8	1849.5	1934.3	2130.6
17.5°	2545.1	2506.3	2404.5	2057.9	1859.1	1834.9	1793.7	1837.3	1987.6	2101.5	2167.0
20°	2506.3	2460.3	2344.0	1960.9	1803.4	1781.6	1762.2	1958.5	2072.4	2113.6	2150.0
22.5°	2460.3	2411.8	2261.5	1893.1	1745.2	1728.3	1740.4	2026.4	2072.4	2101.5	2133.0
25°	2399.6	2358.5	2164.5	1839.7	1699.1	1679.7	1725.8	2019.2	2045.8	2053.1	2116.1
27.5°	2344.0	2290.6	2062.7	1791.3	1643.4	1636.1	1737.9	1987.6	2007.0	2014.3	2082.1
30°	2276.1	2196.0	1948.8	1740.4	1585.2	1582.8	1740.4	1948.8	1944.0	1963.4	2031.2
32.5°	2205.8	2055.4	1820.3	1677.4	1529.5	1527.0	1723.4	1890.6	1885.8	1912.5	1963.4
35°	2140.3	1946.4	1645.8	1604.6	1459.1	1461.6	1682.2	1822.8	1825.2	1849.5	1881.0
37.5°	2072.4	1851.8	1454.4	1524.7	1391.3	1391.3	1626.5	1759.8	1754.9	1762.2	1805.8
40°	1992.4	1704.0	1284.7	1420.4	1328.3	1321.1	1558.6	1691.9	1674.9	1672.5	1733.1
42.5°	1907.6	1541.6	1158.6	1282.3	1255.5	1245.9	1476.1	1609.5	1577.9	1585.2	1662.8
45°	1815.5	1498.0	1061.7	1083.4	1180.5	1173.1	1386.5	1514.9	1493.1	1512.5	1592.5
47.5°	1723.4	1410.7	1030.2	899.2	1100.4	1098.1	1287.1	1422.9	1410.7	1430.1	1514.9
50°	1597.3	1313.8	1027.8	770.8	1010.8	1020.4	1168.3	1333.2	1333.2	1350.1	1439.8
52.5°	1435.0	1195.0	933.2	698.1	906.6	935.6	1064.1	1255.5	1260.4	1277.4	1357.3
55°	1287.1	1071.3	865.3	642.3	782.9	845.9	962.3	1175.6	1185.3	1202.2	1274.9
57.5°	1151.3	892.0	850.8	576.9	669.0	729.6	872.6	1098.1	1102.8	1117.4	1187.7
60°	1005.9	644.7	780.5	506.6	569.7	615.7	790.2	1005.9	1022.9	1032.5	1093.2
62.5°	841.1	467.9	707.8	458.1	521.1	530.8	722.4	918.6	940.5	947.7	984.1
65°	598.7	392.7	601.2	417.0	470.2	472.6	649.6	828.9	848.3	860.5	887.2
67.5°	404.8	319.9	458.1	378.1	431.5	433.9	579.3	724.7	751.4	761.1	778.0
70°	281.2	213.3	339.3	336.9	387.8	392.7	504.1	630.2	654.5	661.7	671.5
72.5°	206.0	172.1	281.2	303.0	341.8	346.7	426.6	523.5	547.8	555.0	559.9
75°	157.6	181.8	227.9	264.2	290.9	293.3	349.1	426.6	443.6	448.5	450.9
77.5°	126.1	169.7	167.2	213.3	237.5	232.7	273.9	329.7	344.2	344.2	344.2
80°	94.5	133.3	126.1	152.7	174.5	169.7	196.3	235.1	240.0	244.8	242.4
82.5°	70.3	84.8	84.8	96.9	116.3	111.5	130.9	152.7	152.7	152.7	157.6
85°	43.6	48.5	38.8	50.9	65.4	63.0	72.7	82.4	84.8	84.8	80.0
87.5°	26.6	21.8	12.1	19.4	29.1	29.1	33.9	36.4	33.9	33.9	33.9
90°	19.3	13.4	7.4	13.4	19.3	20.7	32.6	48.4	56.3	50.0	37.5
92.5°	130.5	80.1	29.7	80.1	130.5	143.2	201.2	278.7	317.4	278.2	199.8
95°	255.7	163.5	71.2	163.5	255.7	278.9	495.2	783.7	927.9	828.0	628.2
97.5°	285.9	204.5	123.1	204.5	285.9	306.3	667.0	1148.0	1388.5	1325.3	1199.1
100°	310.9	237.0	163.2	237.0	310.9	329.3	729.5	1263.3	1530.1	1534.7	1543.9
102.5°	335.1	266.2	197.3	266.2	335.1	352.3	758.3	1299.5	1570.1	1650.5	1811.4
105°	371.8	313.5	255.2	313.5	371.8	386.4	779.5	1303.7	1565.7	1746.0	2106.6
107.5°	423.3	368.8	314.5	368.8	423.3	436.8	783.5	1245.6	1476.7	1728.3	2231.3
110°	452.7	403.6	354.5	403.6	452.7	465.0	777.5	1194.1	1402.5	1683.7	2246.1



TEST NUMBER: P935790

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	487.4	440.6	393.8	440.6	487.4	499.2	777.8	1149.2	1335.0	1622.7	2198.3
115°	539.6	496.3	453.1	496.3	539.6	550.4	785.0	1097.8	1254.2	1531.4	2085.9
117.5°	590.2	551.0	511.8	551.0	590.2	600.0	799.5	1065.5	1198.5	1448.7	1949.2
120°	619.7	582.8	545.9	582.8	619.7	629.0	811.4	1054.6	1176.3	1404.9	1862.1
122.5°	653.8	616.5	579.3	616.5	653.8	663.1	828.5	1049.0	1159.3	1365.2	1776.9
125°	698.3	664.4	630.4	664.4	698.3	706.8	851.5	1044.3	1140.7	1315.6	1665.3
127.5°	740.5	706.2	671.9	706.2	740.5	749.1	874.5	1041.6	1125.2	1275.3	1575.7
130°	768.0	731.1	694.2	731.1	768.0	777.3	891.2	1043.1	1119.2	1252.9	1520.2
132.5°	791.0	754.2	717.2	754.2	791.0	800.3	904.9	1044.3	1114.0	1233.7	1473.0
135°	818.5	784.9	751.3	784.9	818.5	826.9	919.7	1043.3	1105.1	1205.3	1405.8
137.5°	852.8	819.5	786.2	819.5	852.8	861.1	941.9	1049.7	1103.6	1188.3	1357.7
140°	876.4	845.7	815.1	845.7	876.4	884.0	955.5	1050.8	1098.4	1171.6	1318.0
142.5°	894.1	865.7	837.3	865.7	894.1	901.1	966.9	1054.6	1098.4	1162.7	1291.3
145°	920.9	896.2	871.4	896.2	920.9	927.1	981.7	1054.6	1091.0	1143.6	1248.8
147.5°	953.8	929.7	905.6	929.7	953.8	959.8	1003.5	1061.9	1091.0	1132.3	1215.1
150°	971.3	949.7	927.9	949.7	971.3	976.8	1014.9	1065.6	1091.0	1125.9	1195.9
152.5°	983.8	967.3	950.8	967.3	983.8	987.9	1022.3	1068.1	1091.0	1120.8	1180.5
155°	1009.3	997.2	985.0	997.2	1009.3	1012.4	1038.6	1073.5	1091.0	1114.8	1162.2
157.5°	1033.9	1022.0	1010.2	1022.0	1033.9	1036.8	1054.9	1079.0	1091.0	1109.4	1146.4
160°	1045.7	1036.5	1027.2	1036.5	1045.7	1048.0	1062.3	1081.4	1091.0	1106.8	1138.5
162.5°	1058.1	1051.2	1044.3	1051.2	1058.1	1059.9	1070.3	1084.1	1091.0	1104.4	1131.0
165°	1075.4	1069.1	1062.8	1069.1	1075.4	1077.0	1081.6	1087.8	1091.0	1100.5	1119.7
167.5°	1085.8	1082.9	1079.9	1082.9	1085.8	1086.6	1090.5	1095.8	1098.4	1104.7	1117.3
170°	1096.9	1094.0	1091.0	1094.0	1096.9	1097.7	1098.0	1098.2	1098.4	1104.7	1117.3
172.5°	1098.2	1097.6	1096.9	1097.6	1098.2	1098.4	1098.4	1098.4	1098.4	1103.4	1113.2
175°	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1102.9	1100.0	1098.4	1101.6	1107.9
177.5°	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1103.4	1101.0	1099.9	1102.4	1107.3
180°	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1



TEST NUMBER: P935790

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1
2.5°	2472.4	2465.1	2474.8	2448.1	2474.8	2465.1	2472.4	2489.3	2474.8	2484.5	2494.2
5°	2169.4	2157.2	2118.5	2087.0	2118.5	2157.2	2169.4	2220.3	2244.5	2288.2	2346.3
7.5°	1939.1	1929.4	1919.7	1900.4	1919.7	1929.4	1939.1	1953.6	1977.9	2016.7	2060.3
10°	1888.2	1890.6	1905.2	1902.7	1905.2	1890.6	1888.2	1883.4	1876.1	1883.4	1910.0
12.5°	2019.2	2040.9	2121.0	2116.1	2121.0	2040.9	2019.2	1922.1	1856.7	1844.6	1849.5
15°	2169.4	2176.6	2193.6	2196.0	2193.6	2176.6	2169.4	2130.6	1934.3	1849.5	1822.8
17.5°	2183.9	2186.4	2198.5	2198.5	2198.5	2186.4	2183.9	2167.0	2101.5	1987.6	1837.3
20°	2171.9	2176.6	2200.9	2205.8	2200.9	2176.6	2171.9	2150.0	2113.6	2072.4	1958.5
22.5°	2167.0	2176.6	2196.0	2193.6	2196.0	2176.6	2167.0	2133.0	2101.5	2072.4	2026.4
25°	2142.7	2142.7	2145.1	2147.6	2145.1	2142.7	2142.7	2116.1	2053.1	2045.8	2019.2
27.5°	2091.8	2096.7	2111.2	2108.8	2111.2	2096.7	2091.8	2082.1	2014.3	2007.0	1987.6
30°	2045.8	2040.9	2028.8	2019.2	2028.8	2040.9	2045.8	2031.2	1963.4	1944.0	1948.8
32.5°	1968.3	1956.1	1944.0	1936.7	1944.0	1956.1	1968.3	1963.4	1912.5	1885.8	1890.6
35°	1876.1	1878.5	1876.1	1868.8	1876.1	1878.5	1876.1	1881.0	1849.5	1825.2	1822.8
37.5°	1810.7	1815.5	1813.1	1803.4	1813.1	1815.5	1810.7	1805.8	1762.2	1754.9	1759.8
40°	1742.8	1745.2	1742.8	1735.5	1742.8	1745.2	1742.8	1733.1	1672.5	1674.9	1691.9
42.5°	1677.4	1674.9	1667.6	1662.8	1667.6	1674.9	1677.4	1662.8	1585.2	1577.9	1609.5
45°	1602.2	1604.6	1590.1	1582.8	1590.1	1604.6	1602.2	1592.5	1512.5	1493.1	1514.9
47.5°	1527.0	1527.0	1514.9	1507.7	1514.9	1527.0	1527.0	1514.9	1430.1	1410.7	1422.9
50°	1447.1	1444.6	1427.7	1425.2	1427.7	1444.6	1447.1	1439.8	1350.1	1333.2	1333.2
52.5°	1355.0	1355.0	1357.3	1362.2	1357.3	1355.0	1355.0	1357.3	1277.4	1260.4	1255.5
55°	1274.9	1277.4	1294.4	1299.2	1294.4	1277.4	1274.9	1274.9	1202.2	1185.3	1175.6
57.5°	1192.6	1192.6	1204.6	1204.6	1204.6	1192.6	1192.6	1187.7	1117.4	1102.8	1098.1
60°	1098.1	1102.8	1112.6	1110.2	1112.6	1102.8	1098.1	1093.2	1032.5	1022.9	1005.9
62.5°	998.6	1003.5	1005.9	1001.0	1005.9	1003.5	998.6	984.1	947.7	940.5	918.6
65°	894.5	899.2	901.7	896.8	901.7	899.2	894.5	887.2	860.5	848.3	828.9
67.5°	787.8	785.3	782.9	792.6	782.9	785.3	787.8	778.0	761.1	751.4	724.7
70°	678.7	678.7	676.2	681.1	676.2	678.7	678.7	671.5	661.7	654.5	630.2
72.5°	562.3	559.9	569.7	562.3	569.7	559.9	562.3	559.9	555.0	547.8	523.5
75°	448.5	453.2	448.5	455.7	448.5	453.2	448.5	450.9	448.5	443.6	426.6
77.5°	341.8	346.7	341.8	341.8	341.8	346.7	341.8	344.2	344.2	344.2	329.7
80°	242.4	240.0	240.0	237.5	240.0	240.0	242.4	242.4	244.8	240.0	235.1
82.5°	155.1	152.7	152.7	157.6	152.7	152.7	155.1	157.6	152.7	152.7	152.7
85°	84.8	87.3	82.4	82.4	82.4	87.3	84.8	80.0	84.8	84.8	82.4
87.5°	31.5	29.1	29.1	29.1	29.1	29.1	31.5	33.9	33.9	33.9	36.4
90°	28.2	28.2	28.2	28.2	28.2	28.2	28.2	37.5	50.0	56.3	48.4
92.5°	141.0	135.3	112.9	90.4	112.9	135.3	141.0	199.8	278.2	317.4	278.7
95°	478.4	461.4	393.5	325.6	393.5	461.4	478.4	628.2	828.0	927.9	783.7
97.5°	1104.4	1072.1	942.9	813.7	942.9	1072.1	1104.4	1199.1	1325.3	1388.5	1148.0
100°	1550.8	1512.3	1358.5	1204.5	1358.5	1512.3	1550.8	1543.9	1534.7	1530.1	1263.3
102.5°	1932.1	1899.1	1767.2	1635.4	1767.2	1899.1	1932.1	1811.4	1650.5	1570.1	1299.5
105°	2377.1	2359.3	2288.5	2217.6	2288.5	2359.3	2377.1	2106.6	1746.0	1565.7	1303.7
107.5°	2608.5	2612.8	2629.9	2647.1	2629.9	2612.8	2608.5	2231.3	1728.3	1476.7	1245.6
110°	2667.9	2686.3	2760.1	2834.0	2760.1	2686.3	2667.9	2246.1	1683.7	1402.5	1194.1



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2630.0	2658.3	2771.7	2885.2	2771.7	2658.3	2630.0	2198.3	1622.7	1335.0	1149.2
115°	2501.7	2541.1	2698.3	2855.4	2698.3	2541.1	2501.7	2085.9	1531.4	1254.2	1097.8
117.5°	2324.5	2368.0	2542.4	2716.8	2542.4	2368.0	2324.5	1949.2	1448.7	1198.5	1065.5
120°	2205.0	2247.4	2416.8	2586.2	2416.8	2247.4	2205.0	1862.1	1404.9	1176.3	1054.6
122.5°	2085.6	2127.4	2294.5	2461.6	2294.5	2127.4	2085.6	1776.9	1365.2	1159.3	1049.0
125°	1927.7	1966.2	2120.1	2274.0	2120.1	1966.2	1927.7	1665.3	1315.6	1140.7	1044.3
127.5°	1800.8	1833.3	1963.2	2093.1	1963.2	1833.3	1800.8	1575.7	1275.3	1125.2	1041.6
130°	1720.7	1750.7	1870.7	1990.7	1870.7	1750.7	1720.7	1520.2	1252.9	1119.2	1043.1
132.5°	1652.4	1679.3	1786.8	1894.2	1786.8	1679.3	1652.4	1473.0	1233.7	1114.0	1044.3
135°	1556.1	1579.2	1671.8	1764.5	1671.8	1579.2	1556.1	1405.8	1205.3	1105.1	1043.3
137.5°	1484.8	1503.7	1579.6	1655.4	1579.6	1503.7	1484.8	1357.7	1188.3	1103.6	1049.7
140°	1427.7	1445.5	1516.3	1587.2	1516.3	1445.5	1427.7	1318.0	1171.6	1098.4	1050.8
142.5°	1387.7	1403.0	1463.9	1524.9	1463.9	1403.0	1387.7	1291.3	1162.7	1098.4	1054.6
145°	1327.6	1339.2	1385.3	1431.4	1385.3	1339.2	1327.6	1248.8	1143.6	1091.0	1054.6
147.5°	1277.2	1286.8	1325.1	1363.3	1325.1	1286.8	1277.2	1215.1	1132.3	1091.0	1061.9
150°	1248.3	1256.0	1287.1	1318.0	1287.1	1256.0	1248.3	1195.9	1125.9	1091.0	1065.6
152.5°	1225.3	1231.1	1254.5	1277.9	1254.5	1231.1	1225.3	1180.5	1120.8	1091.0	1068.1
155°	1197.9	1201.8	1217.2	1232.7	1217.2	1201.8	1197.9	1162.2	1114.8	1091.0	1073.5
157.5°	1174.1	1176.8	1187.6	1198.5	1187.6	1176.8	1174.1	1146.4	1109.4	1091.0	1079.0
160°	1162.2	1163.8	1170.1	1176.3	1170.1	1163.8	1162.2	1138.5	1106.8	1091.0	1081.4
162.5°	1151.1	1152.6	1158.5	1164.4	1158.5	1152.6	1151.1	1131.0	1104.4	1091.0	1084.1
165°	1134.1	1135.6	1141.9	1148.1	1141.9	1135.6	1134.1	1119.7	1100.5	1091.0	1087.8
167.5°	1126.6	1127.3	1129.9	1132.5	1129.9	1127.3	1126.6	1117.3	1104.7	1098.4	1095.8
170°	1126.6	1126.6	1126.6	1126.6	1126.6	1126.6	1126.6	1117.3	1104.7	1098.4	1098.2
172.5°	1120.7	1120.1	1117.8	1115.5	1117.8	1120.1	1120.7	1113.2	1103.4	1098.4	1098.4
175°	1112.6	1112.6	1112.6	1112.6	1112.6	1112.6	1112.6	1107.9	1101.6	1098.4	1100.0
177.5°	1111.0	1110.4	1107.8	1105.1	1107.8	1110.4	1111.0	1107.3	1102.4	1099.9	1101.0
180°	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1	1105.1



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	2562.1	2562.1	2562.1	2562.1	2562.1
2.5°	2530.6	2542.7	2549.9	2559.7	2583.8
5°	2433.6	2479.7	2494.2	2530.6	2574.2
7.5°	2220.3	2360.9	2399.6	2486.9	2554.8
10°	2014.3	2154.9	2222.8	2428.8	2530.6
12.5°	1910.0	1992.4	2038.5	2327.0	2496.7
15°	1844.6	1902.7	1936.7	2191.2	2457.9
17.5°	1793.7	1834.9	1859.1	2057.9	2404.5
20°	1762.2	1781.6	1803.4	1960.9	2344.0
22.5°	1740.4	1728.3	1745.2	1893.1	2261.5
25°	1725.8	1679.7	1699.1	1839.7	2164.5
27.5°	1737.9	1636.1	1643.4	1791.3	2062.7
30°	1740.4	1582.8	1585.2	1740.4	1948.8
32.5°	1723.4	1527.0	1529.5	1677.4	1820.3
35°	1682.2	1461.6	1459.1	1604.6	1645.8
37.5°	1626.5	1391.3	1391.3	1524.7	1454.4
40°	1558.6	1321.1	1328.3	1420.4	1284.7
42.5°	1476.1	1245.9	1255.5	1282.3	1158.6
45°	1386.5	1173.1	1180.5	1083.4	1061.7
47.5°	1287.1	1098.1	1100.4	899.2	1030.2
50°	1168.3	1020.4	1010.8	770.8	1027.8
52.5°	1064.1	935.6	906.6	698.1	933.2
55°	962.3	845.9	782.9	642.3	865.3
57.5°	872.6	729.6	669.0	576.9	850.8
60°	790.2	615.7	569.7	506.6	780.5
62.5°	722.4	530.8	521.1	458.1	707.8
65°	649.6	472.6	470.2	417.0	601.2
67.5°	579.3	433.9	431.5	378.1	458.1
70°	504.1	392.7	387.8	336.9	339.3
72.5°	426.6	346.7	341.8	303.0	281.2
75°	349.1	293.3	290.9	264.2	227.9
77.5°	273.9	232.7	237.5	213.3	167.2
80°	196.3	169.7	174.5	152.7	126.1
82.5°	130.9	111.5	116.3	96.9	84.8
85°	72.7	63.0	65.4	50.9	38.8
87.5°	33.9	29.1	29.1	19.4	12.1
90°	32.6	20.7	19.3	13.4	7.4
92.5°	201.2	143.2	130.5	80.1	29.7
95°	495.2	278.9	255.7	163.5	71.2
97.5°	667.0	306.3	285.9	204.5	123.1
100°	729.5	329.3	310.9	237.0	163.2
102.5°	758.3	352.3	335.1	266.2	197.3
105°	779.5	386.4	371.8	313.5	255.2
107.5°	783.5	436.8	423.3	368.8	314.5
110°	777.5	465.0	452.7	403.6	354.5



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CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	777.8	499.2	487.4	440.6	393.8
115°	785.0	550.4	539.6	496.3	453.1
117.5°	799.5	600.0	590.2	551.0	511.8
120°	811.4	629.0	619.7	582.8	545.9
122.5°	828.5	663.1	653.8	616.5	579.3
125°	851.5	706.8	698.3	664.4	630.4
127.5°	874.5	749.1	740.5	706.2	671.9
130°	891.2	777.3	768.0	731.1	694.2
132.5°	904.9	800.3	791.0	754.2	717.2
135°	919.7	826.9	818.5	784.9	751.3
137.5°	941.9	861.1	852.8	819.5	786.2
140°	955.5	884.0	876.4	845.7	815.1
142.5°	966.9	901.1	894.1	865.7	837.3
145°	981.7	927.1	920.9	896.2	871.4
147.5°	1003.5	959.8	953.8	929.7	905.6
150°	1014.9	976.8	971.3	949.7	927.9
152.5°	1022.3	987.9	983.8	967.3	950.8
155°	1038.6	1012.4	1009.3	997.2	985.0
157.5°	1054.9	1036.8	1033.9	1022.0	1010.2
160°	1062.3	1048.0	1045.7	1036.5	1027.2
162.5°	1070.3	1059.9	1058.1	1051.2	1044.3
165°	1081.6	1077.0	1075.4	1069.1	1062.8
167.5°	1090.5	1086.6	1085.8	1082.9	1079.9
170°	1098.0	1097.7	1096.9	1094.0	1091.0
172.5°	1098.4	1098.4	1098.2	1097.6	1096.9
175°	1102.9	1105.1	1105.1	1105.1	1105.1
177.5°	1103.4	1105.1	1105.1	1105.1	1105.1
180°	1105.1	1105.1	1105.1	1105.1	1105.1



TEST NUMBER: P935790  
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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	15.07	15.20	16.06	17.36	17.05	17.90	18.02	18.88	20.18
	3H	14.70	15.46	15.69	16.46	17.77	18.39	19.15	19.38	20.15	21.47
	4H	14.89	15.61	15.89	16.61	17.94	18.84	19.55	19.83	20.55	21.88
	6H	15.01	15.67	16.02	16.68	18.02	19.12	19.78	20.13	20.78	22.12
	8H	15.01	15.64	16.03	16.66	18.00	19.19	19.82	20.21	20.84	22.18
	12H	14.98	15.58	16.00	16.59	17.96	19.23	19.83	20.25	20.84	22.20
4H	2H	15.26	15.97	16.26	16.97	18.30	17.46	18.18	18.46	19.17	20.50
	3H	16.28	16.88	17.29	17.91	19.25	18.96	19.56	19.97	20.59	21.93
	4H	16.56	17.10	17.58	18.12	19.49	19.49	20.03	20.51	21.05	22.42
	6H	16.68	17.15	17.71	18.20	19.56	19.85	20.32	20.88	21.36	22.73
	8H	16.69	17.13	17.72	18.16	19.54	19.96	20.39	20.99	21.43	22.81
	12H	16.65	17.05	17.70	18.10	19.48	20.01	20.41	21.06	21.46	22.84
8H	4H	17.01	17.45	18.04	18.48	19.86	19.61	20.05	20.64	21.09	22.46
	6H	17.27	17.63	18.33	18.71	20.08	20.05	20.41	21.10	21.49	22.86
	8H	17.31	17.63	18.38	18.69	20.09	20.20	20.51	21.26	21.58	22.97
	12H	17.29	17.58	18.36	18.63	20.07	20.29	20.57	21.36	21.63	23.07
12H	4H	17.01	17.41	18.06	18.46	19.84	19.57	19.97	20.63	21.02	22.40
	6H	17.33	17.65	18.39	18.71	20.11	20.04	20.36	21.11	21.42	22.82
	8H	17.40	17.68	18.46	18.73	20.17	20.20	20.48	21.27	21.54	22.98