

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: P935692

Luminaire Tested: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-8-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935692
REPORT IS A COMBINATION OF REPORTS P933764 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-8-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

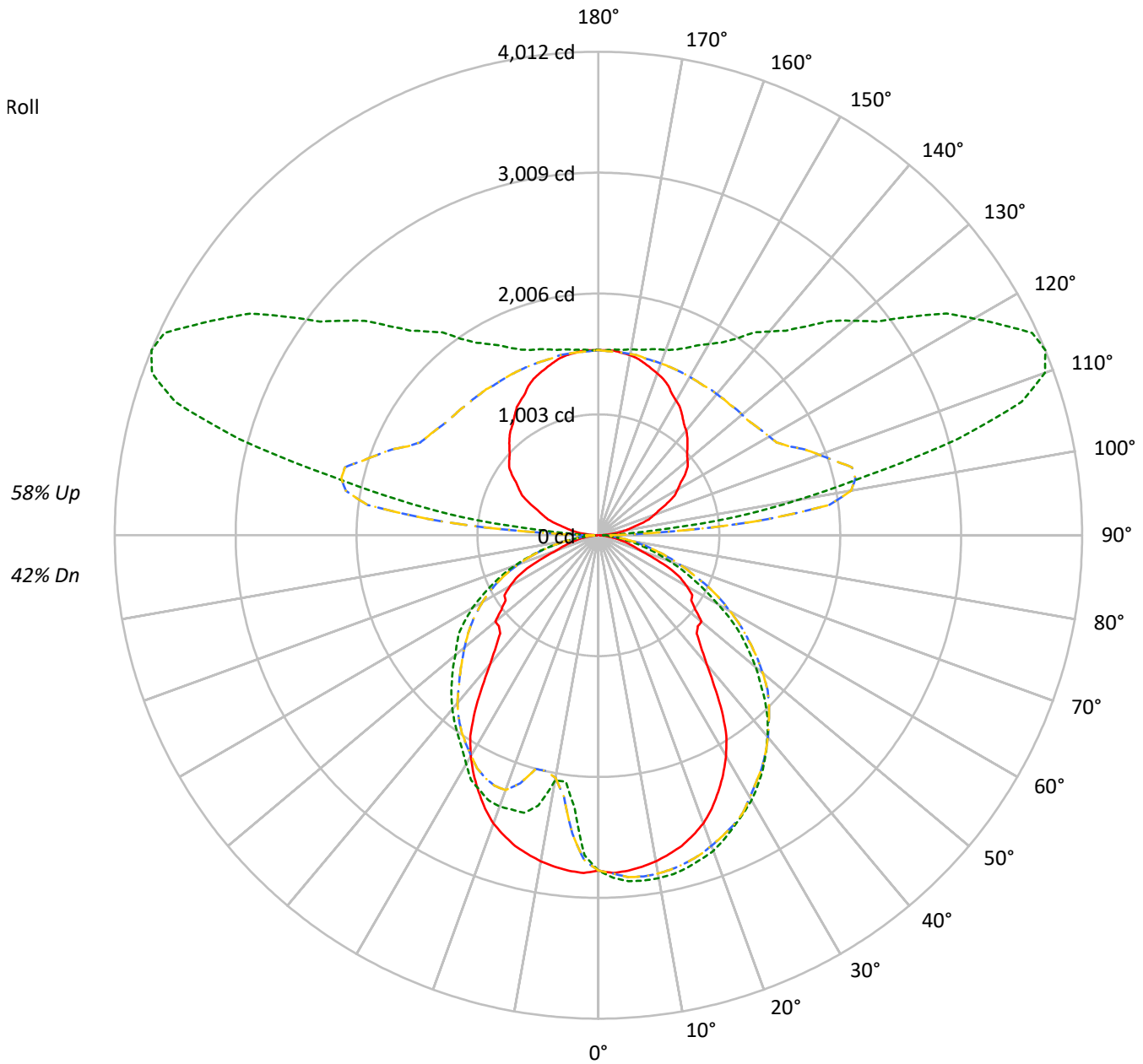
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17181.0 lumens
Efficiency: N/A
Efficacy: 133.4 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 128.8
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	105	105	105	105	96	96	96	96	79	79	79	63	63	63	49	49	49	49	49	49	42
1	96	92	88	85	88	84	81	78	69	67	65	56	54	53	43	42	41	41	41	41	35
2	87	80	74	69	80	73	68	64	61	57	54	49	46	44	38	36	35	35	35	35	30
3	80	70	63	57	72	65	58	53	53	49	45	43	40	37	34	31	30	30	30	30	25
4	73	62	54	49	66	57	50	45	47	42	38	38	35	32	30	28	25	25	25	25	22
5	67	55	47	41	61	51	44	39	42	37	33	34	31	27	27	24	22	22	22	22	19
6	62	50	42	36	56	46	39	33	38	33	29	31	27	24	24	22	19	19	19	19	16
7	57	45	37	31	52	41	34	29	34	29	25	28	24	21	22	19	17	17	17	17	15
8	53	40	33	28	48	37	31	26	31	26	22	26	22	19	20	18	15	15	15	15	13
9	49	37	30	25	45	34	27	23	29	24	20	24	20	17	19	16	14	14	14	14	12
10	46	34	27	22	42	31	25	21	26	21	18	22	18	15	17	15	13	13	13	13	11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12907	12907	12907	12907
5°	13004	13029	13004	10245
10°	12916	12834	12916	9175
15°	12776	12556	12776	10485
20°	12509	12227	12509	10507
25°	11962	11746	11962	10284
30°	11255	11348	11255	9795
35°	10034	10843	10034	9258
40°	8361	10249	8361	8852
45°	7471	9554	7471	8385
50°	7936	8725	7936	7917
55°	7467	7831	7467	7646
60°	7697	6651	7697	7003
65°	6978	5498	6978	6146
70°	4832	4382	4832	5151
75°	4237	3239	4237	3879
80°	3416	2141	3416	2332
85°	1961	1134	1961	963

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11450 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	251.1	1.5
10°-20°	713.0	4.1
20°-30°	1102.2	6.4
30°-40°	1315.7	7.7
40°-50°	1323.5	7.7
50°-60°	1151.6	6.7
60°-70°	816.5	4.8
70°-80°	432.0	2.5
80°-90°	113.4	0.7
90°-100°	749.1	4.4
100°-110°	1969.4	11.5
110°-120°	2042.0	11.9
120°-130°	1638.0	9.5
130°-140°	1285.2	7.5
140°-150°	986.5	5.7
150°-160°	710.4	4.1
160°-170°	434.7	2.5
170°-180°	146.9	0.9
0°-30°	2066.3	12.0
0°-40°	3382.0	19.7
0°-60°	5857.0	34.1
0°-90°	7218.9	42.0
90°-120°	4760.5	27.7
90°-150°	8670.2	50.5
90°-180°	9962.0	58.0
0°-180°	17181.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2782	2782	2782	2782	2782	
5°	2795	2882	2795	2266	2795	265
15°	2669	2856	2669	2384	2669	751
25°	2350	2664	2350	2332	2350	1079
35°	1787	2377	1787	2029	1787	1106
45°	1153	1958	1153	1719	1153	923
55°	940	1445	940	1411	940	863
65°	653	871	653	974	653	624
75°	247	413	247	495	247	260
85°	42	105	42	89	42	57
90°	10	39	10	39	10	10
95°	99	453	99	453	99	110
105°	355	3084	355	3084	355	376
115°	630	3971	630	3971	630	622
125°	877	3162	877	3162	877	778
135°	1045	2454	1045	2454	1045	808
145°	1212	1990	1212	1990	1212	759
155°	1370	1714	1370	1714	1370	629
165°	1478	1597	1478	1597	1478	417
175°	1537	1547	1537	1547	1537	146
180°	1537	1537	1537	1537	1537	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9
2.5°	2805.6	2805.6	2821.4	2826.6	2826.6	2818.8	2810.9	2818.8	2842.5	2850.4	2847.8
5°	2795.1	2816.1	2845.1	2850.4	2855.6	2852.9	2847.8	2852.9	2879.3	2884.6	2887.2
7.5°	2774.1	2813.5	2850.4	2858.2	2866.2	2858.2	2855.6	2860.9	2887.2	2892.5	2892.5
10°	2747.7	2802.9	2845.1	2850.4	2858.2	2850.4	2850.4	2860.9	2887.2	2892.5	2895.1
12.5°	2710.8	2787.2	2826.6	2831.9	2842.5	2839.8	2837.2	2847.8	2874.1	2879.3	2879.3
15°	2668.8	2758.2	2795.1	2800.4	2818.8	2813.5	2813.5	2824.1	2852.9	2860.9	2858.2
17.5°	2610.8	2721.4	2763.5	2771.4	2784.5	2781.9	2784.5	2795.1	2821.4	2826.6	2829.3
20°	2545.1	2671.4	2721.4	2729.2	2742.5	2742.5	2742.5	2755.6	2781.9	2792.5	2792.5
22.5°	2455.5	2618.8	2671.4	2676.7	2692.4	2692.4	2697.7	2716.1	2739.8	2742.5	2742.5
25°	2350.3	2560.8	2605.5	2621.4	2637.2	2645.1	2652.9	2663.5	2671.4	2668.8	2671.4
27.5°	2239.7	2487.1	2545.1	2555.5	2576.7	2584.5	2595.1	2597.7	2600.4	2608.2	2602.9
30°	2116.0	2384.5	2471.4	2481.9	2516.1	2521.4	2510.8	2516.1	2529.2	2534.5	2539.8
32.5°	1976.6	2231.8	2395.1	2418.7	2450.3	2434.5	2431.8	2439.8	2460.8	2460.8	2466.1
35°	1787.0	2113.4	2324.0	2345.0	2368.7	2350.3	2360.8	2363.4	2376.7	2384.5	2381.8
37.5°	1579.2	2010.7	2250.3	2266.1	2284.5	2260.8	2276.6	2284.5	2295.0	2289.8	2289.8
40°	1394.9	1850.3	2163.4	2174.0	2189.7	2171.3	2187.1	2192.4	2197.7	2192.4	2189.7
42.5°	1258.0	1673.9	2071.3	2084.4	2074.0	2087.1	2092.4	2102.9	2095.0	2084.4	2084.4
45°	1152.8	1626.5	1971.3	1987.1	1971.3	1992.4	2000.3	2000.3	1976.6	1971.3	1968.7
47.5°	1118.6	1531.7	1871.3	1871.3	1863.4	1889.7	1902.9	1884.4	1860.7	1852.9	1852.9
50°	1115.9	1426.5	1734.4	1723.9	1760.7	1792.3	1779.2	1760.7	1742.3	1713.3	1713.3
52.5°	1013.3	1297.5	1558.0	1597.6	1655.5	1673.9	1652.9	1634.4	1602.9	1589.7	1579.2
55°	939.6	1163.3	1397.6	1476.5	1537.0	1560.7	1521.2	1502.9	1455.5	1447.6	1442.3
57.5°	923.8	968.5	1250.2	1350.2	1423.9	1421.2	1397.6	1363.3	1323.9	1315.9	1313.3
60°	847.5	700.1	1092.2	1210.6	1287.0	1279.1	1258.0	1226.5	1189.6	1184.3	1179.1
62.5°	768.5	508.0	913.2	1047.5	1155.4	1152.8	1134.3	1086.9	1060.6	1047.5	1036.9
65°	652.7	426.4	650.1	871.2	1026.5	1031.7	992.2	958.1	929.1	913.2	910.6
67.5°	497.4	347.4	439.5	726.4	902.8	897.5	847.5	831.7	794.8	786.9	771.1
70°	368.4	231.6	305.3	589.5	781.7	768.5	729.1	710.6	676.4	658.0	647.4
72.5°	305.3	186.8	223.7	458.0	658.0	642.2	608.0	586.9	558.0	542.1	531.7
75°	247.4	197.4	171.1	339.5	534.3	523.8	492.1	471.1	447.4	426.4	429.0
77.5°	181.6	184.3	136.9	250.0	423.7	408.0	389.5	363.2	352.7	331.7	331.7
80°	136.9	144.7	102.7	171.1	305.3	305.3	289.5	271.1	252.7	242.1	242.1
82.5°	92.1	92.1	76.3	107.9	208.0	200.0	189.5	184.3	173.7	168.4	168.4
85°	42.1	52.6	47.4	65.8	113.1	118.4	118.4	113.1	110.6	105.3	107.9
87.5°	13.1	23.7	29.0	36.9	57.9	60.6	63.1	63.1	63.1	65.8	65.8
90°	10.4	18.6	26.8	28.9	45.4	67.4	78.4	69.6	52.2	39.1	39.1
92.5°	41.2	111.4	181.6	199.1	279.9	387.5	441.4	386.8	277.8	195.9	188.1
95°	99.0	227.4	355.8	387.8	688.6	1089.7	1290.2	1151.4	873.6	665.2	641.6
97.5°	171.2	284.5	397.7	426.0	927.6	1596.4	1930.7	1843.0	1667.4	1535.7	1490.8
100°	226.9	329.6	432.3	458.0	1014.5	1756.6	2127.8	2134.1	2147.0	2156.6	2103.2
102.5°	274.3	370.1	465.9	489.9	1054.5	1807.1	2183.4	2295.3	2519.0	2686.7	2640.9
105°	354.8	435.9	517.0	537.3	1083.9	1812.8	2177.3	2427.9	2929.4	3305.5	3280.9
107.5°	437.3	512.9	588.5	607.5	1089.4	1732.1	2053.5	2403.2	3102.7	3627.3	3633.3
110°	493.0	561.3	629.7	646.7	1081.3	1660.6	1950.4	2341.4	3123.4	3709.8	3735.5



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	547.7	612.7	677.9	694.1	1081.6	1598.2	1856.4	2256.6	3056.9	3657.2	3696.7
115°	630.2	690.2	750.2	765.2	1091.5	1526.6	1744.1	2129.5	2900.6	3478.8	3533.5
117.5°	711.6	766.2	820.7	834.3	1111.8	1481.7	1666.7	2014.6	2710.4	3232.3	3293.0
120°	759.1	810.4	861.7	874.6	1128.3	1466.6	1635.7	1953.7	2589.4	3066.3	3125.1
122.5°	805.5	857.3	909.0	922.0	1152.0	1458.6	1612.0	1898.3	2470.9	2900.3	2958.3
125°	876.7	923.9	971.1	982.9	1183.9	1452.2	1586.2	1829.5	2315.8	2680.5	2734.0
127.5°	934.4	982.2	1029.8	1041.7	1216.0	1448.4	1564.6	1773.4	2191.0	2504.1	2549.3
130°	965.3	1016.7	1068.0	1080.9	1239.3	1450.7	1556.3	1742.2	2114.0	2392.8	2434.5
132.5°	997.3	1048.7	1100.0	1112.8	1258.2	1452.2	1549.1	1715.5	2048.3	2297.9	2335.2
135°	1044.8	1091.5	1138.3	1150.0	1278.9	1450.8	1536.7	1676.1	1954.7	2163.8	2196.0
137.5°	1093.2	1139.5	1185.8	1197.4	1309.8	1459.7	1534.6	1652.5	1888.1	2064.8	2091.2
140°	1133.4	1176.1	1218.7	1229.4	1328.8	1461.2	1527.5	1629.3	1832.7	1985.4	2010.0
142.5°	1164.4	1203.9	1243.2	1253.1	1344.5	1466.5	1527.5	1616.8	1795.6	1929.7	1950.9
145°	1211.8	1246.2	1280.7	1289.2	1365.2	1466.5	1517.1	1590.2	1736.5	1846.2	1862.2
147.5°	1259.3	1292.8	1326.3	1334.6	1395.5	1476.6	1517.1	1574.7	1689.7	1776.1	1789.3
150°	1290.2	1320.5	1350.8	1358.3	1411.2	1481.8	1517.1	1565.7	1662.9	1735.8	1746.6
152.5°	1322.2	1345.1	1368.0	1373.8	1421.6	1485.2	1517.1	1558.6	1641.6	1703.9	1712.0
155°	1369.7	1386.6	1403.6	1407.8	1444.3	1492.8	1517.1	1550.2	1616.2	1665.7	1671.1
157.5°	1404.8	1421.2	1437.7	1441.8	1466.9	1500.4	1517.1	1542.8	1594.1	1632.6	1636.4
160°	1428.5	1441.3	1454.2	1457.3	1477.3	1503.9	1517.1	1539.1	1583.1	1616.1	1618.3
162.5°	1452.2	1461.7	1471.4	1473.8	1488.2	1507.4	1517.1	1535.6	1572.8	1600.7	1602.8
165°	1478.0	1486.7	1495.4	1497.6	1504.1	1512.7	1517.1	1530.5	1557.0	1577.0	1579.2
167.5°	1501.7	1505.8	1509.9	1510.9	1516.4	1523.8	1527.5	1536.1	1553.6	1566.6	1567.5
170°	1517.1	1521.3	1525.5	1526.5	1526.8	1527.3	1527.5	1536.1	1553.6	1566.6	1566.6
172.5°	1525.4	1526.3	1527.3	1527.5	1527.5	1527.5	1527.5	1534.3	1548.1	1558.4	1557.6
175°	1536.7	1536.7	1536.7	1536.7	1533.6	1529.6	1527.5	1531.8	1540.5	1547.1	1547.1
177.5°	1536.7	1536.7	1536.7	1536.7	1534.3	1531.2	1529.6	1532.9	1539.8	1545.0	1544.1
180°	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9
2.5°	2852.9	2845.1	2852.9	2847.8	2850.4	2842.5	2818.8	2810.9	2818.8	2826.6	2826.6
5°	2887.2	2881.9	2887.2	2887.2	2884.6	2879.3	2852.9	2847.8	2852.9	2855.6	2850.4
7.5°	2897.8	2889.8	2897.8	2892.5	2892.5	2887.2	2860.9	2855.6	2858.2	2866.2	2858.2
10°	2897.8	2889.8	2897.8	2895.1	2892.5	2887.2	2860.9	2850.4	2850.4	2858.2	2850.4
12.5°	2884.6	2879.3	2884.6	2879.3	2879.3	2874.1	2847.8	2837.2	2839.8	2842.5	2831.9
15°	2863.5	2855.6	2863.5	2858.2	2860.9	2852.9	2824.1	2813.5	2813.5	2818.8	2800.4
17.5°	2831.9	2821.4	2831.9	2829.3	2826.6	2821.4	2795.1	2784.5	2781.9	2784.5	2771.4
20°	2795.1	2787.2	2795.1	2792.5	2792.5	2781.9	2755.6	2742.5	2742.5	2742.5	2729.2
22.5°	2737.2	2729.2	2737.2	2742.5	2742.5	2739.8	2716.1	2697.7	2692.4	2692.4	2676.7
25°	2671.4	2663.5	2671.4	2671.4	2668.8	2671.4	2663.5	2652.9	2645.1	2637.2	2621.4
27.5°	2608.2	2602.9	2608.2	2602.9	2608.2	2600.4	2597.7	2595.1	2584.5	2576.7	2555.5
30°	2545.1	2539.8	2545.1	2539.8	2534.5	2529.2	2516.1	2510.8	2521.4	2516.1	2481.9
32.5°	2466.1	2460.8	2466.1	2466.1	2460.8	2460.8	2439.8	2431.8	2434.5	2450.3	2418.7
35°	2384.5	2376.7	2384.5	2381.8	2384.5	2376.7	2363.4	2360.8	2350.3	2368.7	2345.0
37.5°	2289.8	2281.8	2289.8	2289.8	2289.8	2295.0	2284.5	2276.6	2260.8	2284.5	2266.1
40°	2192.4	2181.8	2192.4	2189.7	2192.4	2197.7	2192.4	2187.1	2171.3	2189.7	2174.0
42.5°	2081.8	2079.2	2081.8	2084.4	2084.4	2095.0	2102.9	2092.4	2087.1	2074.0	2084.4
45°	1963.4	1958.1	1963.4	1968.7	1971.3	1976.6	2000.3	2000.3	1992.4	1971.3	1987.1
47.5°	1837.0	1823.9	1837.0	1852.9	1852.9	1860.7	1884.4	1902.9	1889.7	1863.4	1871.3
50°	1702.9	1705.5	1702.9	1713.3	1713.3	1742.3	1760.7	1779.2	1792.3	1760.7	1723.9
52.5°	1571.3	1568.6	1571.3	1579.2	1589.7	1602.9	1634.4	1652.9	1673.9	1655.5	1597.6
55°	1439.6	1444.9	1439.6	1442.3	1447.6	1455.5	1502.9	1521.2	1560.7	1537.0	1476.5
57.5°	1308.0	1300.2	1308.0	1313.3	1315.9	1323.9	1363.3	1397.6	1421.2	1423.9	1350.2
60°	1155.4	1144.9	1155.4	1179.1	1184.3	1189.6	1226.5	1258.0	1279.1	1287.0	1210.6
62.5°	1021.2	1002.8	1021.2	1036.9	1047.5	1060.6	1086.9	1134.3	1152.8	1155.4	1047.5
65°	879.1	871.2	879.1	910.6	913.2	929.1	958.1	992.2	1031.7	1026.5	871.2
67.5°	750.1	750.1	750.1	771.1	786.9	794.8	831.7	847.5	897.5	902.8	726.4
70°	631.7	629.1	631.7	647.4	658.0	676.4	710.6	729.1	768.5	781.7	589.5
72.5°	518.5	515.8	518.5	531.7	542.1	558.0	586.9	608.0	642.2	658.0	458.0
75°	418.5	413.2	418.5	429.0	426.4	447.4	471.1	492.1	523.8	534.3	339.5
77.5°	321.1	321.1	321.1	331.7	331.7	352.7	363.2	389.5	408.0	423.7	250.0
80°	239.5	236.8	239.5	242.1	242.1	252.7	271.1	289.5	305.3	305.3	171.1
82.5°	168.4	163.1	168.4	168.4	168.4	173.7	184.3	189.5	200.0	208.0	107.9
85°	105.3	105.3	105.3	107.9	105.3	110.6	113.1	118.4	118.4	113.1	65.8
87.5°	68.4	65.8	68.4	65.8	65.8	63.1	63.1	63.1	60.6	57.9	36.9
90°	39.1	39.1	39.1	39.1	39.1	52.2	69.6	78.4	67.4	45.4	28.9
92.5°	157.0	125.8	157.0	188.1	195.9	277.8	386.8	441.4	387.5	279.9	199.1
95°	547.2	452.8	547.2	641.6	665.2	873.6	1151.4	1290.2	1089.7	688.6	387.8
97.5°	1311.1	1131.5	1311.1	1490.8	1535.7	1667.4	1843.0	1930.7	1596.4	927.6	426.0
100°	1889.0	1675.0	1889.0	2103.2	2156.6	2147.0	2134.1	2127.8	1756.6	1014.5	458.0
102.5°	2457.5	2274.2	2457.5	2640.9	2686.7	2519.0	2295.3	2183.4	1807.1	1054.5	489.9
105°	3182.3	3083.8	3182.3	3280.9	3305.5	2929.4	2427.9	2177.3	1812.8	1083.9	537.3
107.5°	3657.1	3680.9	3657.1	3633.3	3627.3	3102.7	2403.2	2053.5	1732.1	1089.4	607.5
110°	3838.2	3940.9	3838.2	3735.5	3709.8	3123.4	2341.4	1950.4	1660.6	1081.3	646.7



TEST NUMBER: P935692

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3854.3	4012.0	3854.3	3696.7	3657.2	3056.9	2256.6	1856.4	1598.2	1081.6	694.1
115°	3752.1	3970.8	3752.1	3533.5	3478.8	2900.6	2129.5	1744.1	1526.6	1091.5	765.2
117.5°	3535.4	3777.9	3535.4	3293.0	3232.3	2710.4	2014.6	1666.7	1481.7	1111.8	834.3
120°	3360.8	3596.4	3360.8	3125.1	3066.3	2589.4	1953.7	1635.7	1466.6	1128.3	874.6
122.5°	3190.8	3423.2	3190.8	2958.3	2900.3	2470.9	1898.3	1612.0	1458.6	1152.0	922.0
125°	2948.2	3162.2	2948.2	2734.0	2680.5	2315.8	1829.5	1586.2	1452.2	1183.9	982.9
127.5°	2729.9	2910.5	2729.9	2549.3	2504.1	2191.0	1773.4	1564.6	1448.4	1216.0	1041.7
130°	2601.4	2768.2	2601.4	2434.5	2392.8	2114.0	1742.2	1556.3	1450.7	1239.3	1080.9
132.5°	2484.7	2634.1	2484.7	2335.2	2297.9	2048.3	1715.5	1549.1	1452.2	1258.2	1112.8
135°	2324.9	2453.6	2324.9	2196.0	2163.8	1954.7	1676.1	1536.7	1450.8	1278.9	1150.0
137.5°	2196.6	2302.1	2196.6	2091.2	2064.8	1888.1	1652.5	1534.6	1459.7	1309.8	1197.4
140°	2108.6	2207.1	2108.6	2010.0	1985.4	1832.7	1629.3	1527.5	1461.2	1328.8	1229.4
142.5°	2035.6	2120.5	2035.6	1950.9	1929.7	1795.6	1616.8	1527.5	1466.5	1344.5	1253.1
145°	1926.4	1990.5	1926.4	1862.2	1846.2	1736.5	1590.2	1517.1	1466.5	1365.2	1289.2
147.5°	1842.5	1895.7	1842.5	1789.3	1776.1	1689.7	1574.7	1517.1	1476.6	1395.5	1334.6
150°	1789.7	1832.7	1789.7	1746.6	1735.8	1662.9	1565.7	1517.1	1481.8	1411.2	1358.3
152.5°	1744.5	1777.1	1744.5	1712.0	1703.9	1641.6	1558.6	1517.1	1485.2	1421.6	1373.8
155°	1692.6	1714.1	1692.6	1671.1	1665.7	1616.2	1550.2	1517.1	1492.8	1444.3	1407.8
157.5°	1651.6	1666.7	1651.6	1636.4	1632.6	1594.1	1542.8	1517.1	1500.4	1466.9	1441.8
160°	1627.0	1635.7	1627.0	1618.3	1616.1	1583.1	1539.1	1517.1	1503.9	1477.3	1457.3
162.5°	1611.0	1619.3	1611.0	1602.8	1600.7	1572.8	1535.6	1517.1	1507.4	1488.2	1473.8
165°	1587.8	1596.6	1587.8	1579.2	1577.0	1557.0	1530.5	1517.1	1512.7	1504.1	1497.6
167.5°	1571.2	1574.9	1571.2	1567.5	1566.6	1553.6	1536.1	1527.5	1523.8	1516.4	1510.9
170°	1566.6	1566.6	1566.6	1566.6	1566.6	1553.6	1536.1	1527.5	1527.3	1526.8	1526.5
172.5°	1554.4	1551.2	1554.4	1557.6	1558.4	1548.1	1534.3	1527.5	1527.5	1527.5	1527.5
175°	1547.1	1547.1	1547.1	1547.1	1547.1	1540.5	1531.8	1527.5	1529.6	1533.6	1536.7
177.5°	1540.4	1536.7	1540.4	1544.1	1545.0	1539.8	1532.9	1529.6	1531.2	1534.3	1536.7
180°	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9
2.5°	2821.4	2805.6	2805.6	2779.3	2768.8	2760.9	2747.7	2708.2	2697.7	2687.2	2702.9
5°	2845.1	2816.1	2795.1	2747.7	2708.2	2692.4	2642.4	2547.7	2484.5	2437.1	2410.8
7.5°	2850.4	2813.5	2774.1	2700.4	2605.5	2563.5	2410.8	2237.1	2189.7	2147.7	2121.3
10°	2845.1	2802.9	2747.7	2637.2	2413.4	2339.8	2187.1	2074.0	2045.0	2037.1	2045.0
12.5°	2826.6	2787.2	2710.8	2526.7	2213.4	2163.4	2074.0	2008.1	2002.9	2016.0	2087.1
15°	2795.1	2758.2	2668.8	2379.2	2102.9	2066.0	2002.9	1979.2	2008.1	2100.3	2313.4
17.5°	2763.5	2721.4	2610.8	2234.5	2018.7	1992.4	1947.6	1995.0	2158.1	2281.8	2353.0
20°	2721.4	2671.4	2545.1	2129.2	1958.1	1934.4	1913.4	2126.6	2250.3	2295.0	2334.5
22.5°	2671.4	2618.8	2455.5	2055.5	1895.0	1876.6	1889.7	2200.3	2250.3	2281.8	2316.1
25°	2605.5	2560.8	2350.3	1997.6	1845.0	1823.9	1873.9	2192.4	2221.3	2229.2	2297.7
27.5°	2545.1	2487.1	2239.7	1945.0	1784.4	1776.6	1887.1	2158.1	2179.2	2187.1	2260.8
30°	2471.4	2384.5	2116.0	1889.7	1721.3	1718.6	1889.7	2116.0	2110.8	2131.8	2205.5
32.5°	2395.1	2231.8	1976.6	1821.3	1660.7	1658.1	1871.3	2052.9	2047.6	2076.6	2131.8
35°	2324.0	2113.4	1787.0	1742.3	1584.4	1587.0	1826.6	1979.2	1981.8	2008.1	2042.4
37.5°	2250.3	2010.7	1579.2	1655.5	1510.7	1510.7	1766.0	1910.7	1905.5	1913.4	1960.7
40°	2163.4	1850.3	1394.9	1542.3	1442.3	1434.3	1692.3	1837.0	1818.6	1816.0	1881.8
42.5°	2071.3	1673.9	1258.0	1392.3	1363.3	1352.8	1602.9	1747.6	1713.3	1721.3	1805.4
45°	1971.3	1626.5	1152.8	1176.5	1281.8	1273.9	1505.5	1644.9	1621.3	1642.3	1729.2
47.5°	1871.3	1531.7	1118.6	976.5	1194.9	1192.2	1397.6	1544.9	1531.7	1552.9	1644.9
50°	1734.4	1426.5	1115.9	836.9	1097.5	1108.0	1268.6	1447.6	1447.6	1466.0	1563.3
52.5°	1558.0	1297.5	1013.3	758.0	984.3	1015.9	1155.4	1363.3	1368.6	1387.0	1473.9
55°	1397.6	1163.3	939.6	697.5	850.1	918.5	1044.9	1276.5	1287.0	1305.5	1384.3
57.5°	1250.2	968.5	923.8	626.4	726.4	792.2	947.5	1192.2	1197.5	1213.3	1289.6
60°	1092.2	700.1	847.5	550.1	618.5	668.5	858.0	1092.2	1110.6	1121.2	1187.0
62.5°	913.2	508.0	768.5	497.4	565.8	576.4	784.4	997.5	1021.2	1029.1	1068.5
65°	650.1	426.4	652.7	452.7	510.5	513.2	705.4	900.1	921.2	934.3	963.2
67.5°	439.5	347.4	497.4	410.6	468.5	471.1	629.1	786.9	815.9	826.4	844.8
70°	305.3	231.6	368.4	365.8	421.1	426.4	547.4	684.3	710.6	718.5	729.1
72.5°	223.7	186.8	305.3	329.0	371.1	376.4	463.2	568.5	594.8	602.7	608.0
75°	171.1	197.4	247.4	286.8	315.8	318.4	379.0	463.2	481.7	486.9	489.5
77.5°	136.9	184.3	181.6	231.6	258.0	252.7	297.4	358.0	373.7	373.7	373.7
80°	102.7	144.7	136.9	165.8	189.5	184.3	213.1	255.3	260.6	265.8	263.1
82.5°	76.3	92.1	92.1	105.3	126.3	121.1	142.1	165.8	165.8	165.8	171.1
85°	47.4	52.6	42.1	55.3	71.0	68.4	79.0	89.4	92.1	92.1	86.9
87.5°	29.0	23.7	13.1	21.0	31.6	31.6	36.9	39.4	36.9	36.9	36.9
90°	26.8	18.6	10.4	18.6	26.8	28.9	45.4	67.4	78.4	69.6	52.2
92.5°	181.6	111.4	41.2	111.4	181.6	199.1	279.9	387.5	441.4	386.8	277.8
95°	355.8	227.4	99.0	227.4	355.8	387.8	688.6	1089.7	1290.2	1151.4	873.6
97.5°	397.7	284.5	171.2	284.5	397.7	426.0	927.6	1596.4	1930.7	1843.0	1667.4
100°	432.3	329.6	226.9	329.6	432.3	458.0	1014.5	1756.6	2127.8	2134.1	2147.0
102.5°	465.9	370.1	274.3	370.1	465.9	489.9	1054.5	1807.1	2183.4	2295.3	2519.0
105°	517.0	435.9	354.8	435.9	517.0	537.3	1083.9	1812.8	2177.3	2427.9	2929.4
107.5°	588.5	512.9	437.3	512.9	588.5	607.5	1089.4	1732.1	2053.5	2403.2	3102.7
110°	629.7	561.3	493.0	561.3	629.7	646.7	1081.3	1660.6	1950.4	2341.4	3123.4



TEST NUMBER: P935692

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	677.9	612.7	547.7	612.7	677.9	694.1	1081.6	1598.2	1856.4	2256.6	3056.9
115°	750.2	690.2	630.2	690.2	750.2	765.2	1091.5	1526.6	1744.1	2129.5	2900.6
117.5°	820.7	766.2	711.6	766.2	820.7	834.3	1111.8	1481.7	1666.7	2014.6	2710.4
120°	861.7	810.4	759.1	810.4	861.7	874.6	1128.3	1466.6	1635.7	1953.7	2589.4
122.5°	909.0	857.3	805.5	857.3	909.0	922.0	1152.0	1458.6	1612.0	1898.3	2470.9
125°	971.1	923.9	876.7	923.9	971.1	982.9	1183.9	1452.2	1586.2	1829.5	2315.8
127.5°	1029.8	982.2	934.4	982.2	1029.8	1041.7	1216.0	1448.4	1564.6	1773.4	2191.0
130°	1068.0	1016.7	965.3	1016.7	1068.0	1080.9	1239.3	1450.7	1556.3	1742.2	2114.0
132.5°	1100.0	1048.7	997.3	1048.7	1100.0	1112.8	1258.2	1452.2	1549.1	1715.5	2048.3
135°	1138.3	1091.5	1044.8	1091.5	1138.3	1150.0	1278.9	1450.8	1536.7	1676.1	1954.7
137.5°	1185.8	1139.5	1093.2	1139.5	1185.8	1197.4	1309.8	1459.7	1534.6	1652.5	1888.1
140°	1218.7	1176.1	1133.4	1176.1	1218.7	1229.4	1328.8	1461.2	1527.5	1629.3	1832.7
142.5°	1243.2	1203.9	1164.4	1203.9	1243.2	1253.1	1344.5	1466.5	1527.5	1616.8	1795.6
145°	1280.7	1246.2	1211.8	1246.2	1280.7	1289.2	1365.2	1466.5	1517.1	1590.2	1736.5
147.5°	1326.3	1292.8	1259.3	1292.8	1326.3	1334.6	1395.5	1476.6	1517.1	1574.7	1689.7
150°	1350.8	1320.5	1290.2	1320.5	1350.8	1358.3	1411.2	1481.8	1517.1	1565.7	1662.9
152.5°	1368.0	1345.1	1322.2	1345.1	1368.0	1373.8	1421.6	1485.2	1517.1	1558.6	1641.6
155°	1403.6	1386.6	1369.7	1386.6	1403.6	1407.8	1444.3	1492.8	1517.1	1550.2	1616.2
157.5°	1437.7	1421.2	1404.8	1421.2	1437.7	1441.8	1466.9	1500.4	1517.1	1542.8	1594.1
160°	1454.2	1441.3	1428.5	1441.3	1454.2	1457.3	1477.3	1503.9	1517.1	1539.1	1583.1
162.5°	1471.4	1461.7	1452.2	1461.7	1471.4	1473.8	1488.2	1507.4	1517.1	1535.6	1572.8
165°	1495.4	1486.7	1478.0	1486.7	1495.4	1497.6	1504.1	1512.7	1517.1	1530.5	1557.0
167.5°	1509.9	1505.8	1501.7	1505.8	1509.9	1510.9	1516.4	1523.8	1527.5	1536.1	1553.6
170°	1525.5	1521.3	1517.1	1521.3	1525.5	1526.5	1526.8	1527.3	1527.5	1536.1	1553.6
172.5°	1527.3	1526.3	1525.4	1526.3	1527.3	1527.5	1527.5	1527.5	1527.5	1534.3	1548.1
175°	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1533.6	1529.6	1527.5	1531.8	1540.5
177.5°	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1534.3	1531.2	1529.6	1532.9	1539.8
180°	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7



TEST NUMBER: P935692
 CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9
2.5°	2684.5	2676.7	2687.2	2658.2	2687.2	2676.7	2684.5	2702.9	2687.2	2697.7	2708.2
5°	2355.5	2342.4	2300.3	2266.1	2300.3	2342.4	2355.5	2410.8	2437.1	2484.5	2547.7
7.5°	2105.5	2095.0	2084.4	2063.4	2084.4	2095.0	2105.5	2121.3	2147.7	2189.7	2237.1
10°	2050.3	2052.9	2068.7	2066.0	2068.7	2052.9	2050.3	2045.0	2037.1	2045.0	2074.0
12.5°	2192.4	2216.1	2303.0	2297.7	2303.0	2216.1	2192.4	2087.1	2016.0	2002.9	2008.1
15°	2355.5	2363.4	2381.8	2384.5	2381.8	2363.4	2355.5	2313.4	2100.3	2008.1	1979.2
17.5°	2371.4	2374.0	2387.1	2387.1	2387.1	2374.0	2371.4	2353.0	2281.8	2158.1	1995.0
20°	2358.2	2363.4	2389.8	2395.1	2389.8	2363.4	2358.2	2334.5	2295.0	2250.3	2126.6
22.5°	2353.0	2363.4	2384.5	2381.8	2384.5	2363.4	2353.0	2316.1	2281.8	2250.3	2200.3
25°	2326.6	2326.6	2329.2	2331.8	2329.2	2326.6	2326.6	2297.7	2229.2	2221.3	2192.4
27.5°	2271.4	2276.6	2292.4	2289.8	2292.4	2276.6	2271.4	2260.8	2187.1	2179.2	2158.1
30°	2221.3	2216.1	2202.9	2192.4	2202.9	2216.1	2221.3	2205.5	2131.8	2110.8	2116.0
32.5°	2137.1	2124.0	2110.8	2102.9	2110.8	2124.0	2137.1	2131.8	2076.6	2047.6	2052.9
35°	2037.1	2039.7	2037.1	2029.2	2037.1	2039.7	2037.1	2042.4	2008.1	1981.8	1979.2
37.5°	1966.0	1971.3	1968.7	1958.1	1968.7	1971.3	1966.0	1960.7	1913.4	1905.5	1910.7
40°	1892.3	1895.0	1892.3	1884.4	1892.3	1895.0	1892.3	1881.8	1816.0	1818.6	1837.0
42.5°	1821.3	1818.6	1810.7	1805.4	1810.7	1818.6	1821.3	1805.4	1721.3	1713.3	1747.6
45°	1739.7	1742.3	1726.6	1718.6	1726.6	1742.3	1739.7	1729.2	1642.3	1621.3	1644.9
47.5°	1658.1	1658.1	1644.9	1637.0	1644.9	1658.1	1658.1	1644.9	1552.9	1531.7	1544.9
50°	1571.3	1568.6	1550.2	1547.6	1550.2	1568.6	1571.3	1563.3	1466.0	1447.6	1447.6
52.5°	1471.2	1471.2	1473.9	1479.2	1473.9	1471.2	1471.2	1473.9	1387.0	1368.6	1363.3
55°	1384.3	1387.0	1405.5	1410.7	1405.5	1387.0	1384.3	1384.3	1305.5	1287.0	1276.5
57.5°	1294.9	1294.9	1308.0	1308.0	1308.0	1294.9	1294.9	1289.6	1213.3	1197.5	1192.2
60°	1192.2	1197.5	1208.0	1205.5	1208.0	1197.5	1192.2	1187.0	1121.2	1110.6	1092.2
62.5°	1084.3	1089.6	1092.2	1086.9	1092.2	1089.6	1084.3	1068.5	1029.1	1021.2	997.5
65°	971.2	976.5	979.1	973.8	979.1	976.5	971.2	963.2	934.3	921.2	900.1
67.5°	855.4	852.8	850.1	860.6	850.1	852.8	855.4	844.8	826.4	815.9	786.9
70°	736.9	736.9	734.3	739.5	734.3	736.9	736.9	729.1	718.5	710.6	684.3
72.5°	610.6	608.0	618.5	610.6	618.5	608.0	610.6	608.0	602.7	594.8	568.5
75°	486.9	492.1	486.9	494.8	486.9	492.1	486.9	489.5	486.9	481.7	463.2
77.5°	371.1	376.4	371.1	371.1	371.1	376.4	371.1	373.7	373.7	373.7	358.0
80°	263.1	260.6	260.6	258.0	260.6	260.6	263.1	263.1	265.8	260.6	255.3
82.5°	168.4	165.8	165.8	171.1	165.8	165.8	168.4	171.1	165.8	165.8	165.8
85°	92.1	94.7	89.4	89.4	89.4	94.7	92.1	86.9	92.1	92.1	89.4
87.5°	34.3	31.6	31.6	31.6	31.6	31.6	34.3	36.9	36.9	36.9	39.4
90°	39.1	39.1	39.1	39.1	39.1	39.1	39.1	52.2	69.6	78.4	67.4
92.5°	195.9	188.1	157.0	125.8	157.0	188.1	195.9	277.8	386.8	441.4	387.5
95°	665.2	641.6	547.2	452.8	547.2	641.6	665.2	873.6	1151.4	1290.2	1089.7
97.5°	1535.7	1490.8	1311.1	1131.5	1311.1	1490.8	1535.7	1667.4	1843.0	1930.7	1596.4
100°	2156.6	2103.2	1889.0	1675.0	1889.0	2103.2	2156.6	2147.0	2134.1	2127.8	1756.6
102.5°	2686.7	2640.9	2457.5	2274.2	2457.5	2640.9	2686.7	2519.0	2295.3	2183.4	1807.1
105°	3305.5	3280.9	3182.3	3083.8	3182.3	3280.9	3305.5	2929.4	2427.9	2177.3	1812.8
107.5°	3627.3	3633.3	3657.1	3680.9	3657.1	3633.3	3627.3	3102.7	2403.2	2053.5	1732.1
110°	3709.8	3735.5	3838.2	3940.9	3838.2	3735.5	3709.8	3123.4	2341.4	1950.4	1660.6



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3657.2	3696.7	3854.3	4012.0	3854.3	3696.7	3657.2	3056.9	2256.6	1856.4	1598.2
115°	3478.8	3533.5	3752.1	3970.8	3752.1	3533.5	3478.8	2900.6	2129.5	1744.1	1526.6
117.5°	3232.3	3293.0	3535.4	3777.9	3535.4	3293.0	3232.3	2710.4	2014.6	1666.7	1481.7
120°	3066.3	3125.1	3360.8	3596.4	3360.8	3125.1	3066.3	2589.4	1953.7	1635.7	1466.6
122.5°	2900.3	2958.3	3190.8	3423.2	3190.8	2958.3	2900.3	2470.9	1898.3	1612.0	1458.6
125°	2680.5	2734.0	2948.2	3162.2	2948.2	2734.0	2680.5	2315.8	1829.5	1586.2	1452.2
127.5°	2504.1	2549.3	2729.9	2910.5	2729.9	2549.3	2504.1	2191.0	1773.4	1564.6	1448.4
130°	2392.8	2434.5	2601.4	2768.2	2601.4	2434.5	2392.8	2114.0	1742.2	1556.3	1450.7
132.5°	2297.9	2335.2	2484.7	2634.1	2484.7	2335.2	2297.9	2048.3	1715.5	1549.1	1452.2
135°	2163.8	2196.0	2324.9	2453.6	2324.9	2196.0	2163.8	1954.7	1676.1	1536.7	1450.8
137.5°	2064.8	2091.2	2196.6	2302.1	2196.6	2091.2	2064.8	1888.1	1652.5	1534.6	1459.7
140°	1985.4	2010.0	2108.6	2207.1	2108.6	2010.0	1985.4	1832.7	1629.3	1527.5	1461.2
142.5°	1929.7	1950.9	2035.6	2120.5	2035.6	1950.9	1929.7	1795.6	1616.8	1527.5	1466.5
145°	1846.2	1862.2	1926.4	1990.5	1926.4	1862.2	1846.2	1736.5	1590.2	1517.1	1466.5
147.5°	1776.1	1789.3	1842.5	1895.7	1842.5	1789.3	1776.1	1689.7	1574.7	1517.1	1476.6
150°	1735.8	1746.6	1789.7	1832.7	1789.7	1746.6	1735.8	1662.9	1565.7	1517.1	1481.8
152.5°	1703.9	1712.0	1744.5	1777.1	1744.5	1712.0	1703.9	1641.6	1558.6	1517.1	1485.2
155°	1665.7	1671.1	1692.6	1714.1	1692.6	1671.1	1665.7	1616.2	1550.2	1517.1	1492.8
157.5°	1632.6	1636.4	1651.6	1666.7	1651.6	1636.4	1632.6	1594.1	1542.8	1517.1	1500.4
160°	1616.1	1618.3	1627.0	1635.7	1627.0	1618.3	1616.1	1583.1	1539.1	1517.1	1503.9
162.5°	1600.7	1602.8	1611.0	1619.3	1611.0	1602.8	1600.7	1572.8	1535.6	1517.1	1507.4
165°	1577.0	1579.2	1587.8	1596.6	1587.8	1579.2	1577.0	1557.0	1530.5	1517.1	1512.7
167.5°	1566.6	1567.5	1571.2	1574.9	1571.2	1567.5	1566.6	1553.6	1536.1	1527.5	1523.8
170°	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1553.6	1536.1	1527.5	1527.3
172.5°	1558.4	1557.6	1554.4	1551.2	1554.4	1557.6	1558.4	1548.1	1534.3	1527.5	1527.5
175°	1547.1	1547.1	1547.1	1547.1	1547.1	1547.1	1547.1	1540.5	1531.8	1527.5	1529.6
177.5°	1545.0	1544.1	1540.4	1536.7	1540.4	1544.1	1545.0	1539.8	1532.9	1529.6	1531.2
180°	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2781.9	2781.9	2781.9	2781.9	2781.9
2.5°	2747.7	2760.9	2768.8	2779.3	2805.6
5°	2642.4	2692.4	2708.2	2747.7	2795.1
7.5°	2410.8	2563.5	2605.5	2700.4	2774.1
10°	2187.1	2339.8	2413.4	2637.2	2747.7
12.5°	2074.0	2163.4	2213.4	2526.7	2710.8
15°	2002.9	2066.0	2102.9	2379.2	2668.8
17.5°	1947.6	1992.4	2018.7	2234.5	2610.8
20°	1913.4	1934.4	1958.1	2129.2	2545.1
22.5°	1889.7	1876.6	1895.0	2055.5	2455.5
25°	1873.9	1823.9	1845.0	1997.6	2350.3
27.5°	1887.1	1776.6	1784.4	1945.0	2239.7
30°	1889.7	1718.6	1721.3	1889.7	2116.0
32.5°	1871.3	1658.1	1660.7	1821.3	1976.6
35°	1826.6	1587.0	1584.4	1742.3	1787.0
37.5°	1766.0	1510.7	1510.7	1655.5	1579.2
40°	1692.3	1434.3	1442.3	1542.3	1394.9
42.5°	1602.9	1352.8	1363.3	1392.3	1258.0
45°	1505.5	1273.9	1281.8	1176.5	1152.8
47.5°	1397.6	1192.2	1194.9	976.5	1118.6
50°	1268.6	1108.0	1097.5	836.9	1115.9
52.5°	1155.4	1015.9	984.3	758.0	1013.3
55°	1044.9	918.5	850.1	697.5	939.6
57.5°	947.5	792.2	726.4	626.4	923.8
60°	858.0	668.5	618.5	550.1	847.5
62.5°	784.4	576.4	565.8	497.4	768.5
65°	705.4	513.2	510.5	452.7	652.7
67.5°	629.1	471.1	468.5	410.6	497.4
70°	547.4	426.4	421.1	365.8	368.4
72.5°	463.2	376.4	371.1	329.0	305.3
75°	379.0	318.4	315.8	286.8	247.4
77.5°	297.4	252.7	258.0	231.6	181.6
80°	213.1	184.3	189.5	165.8	136.9
82.5°	142.1	121.1	126.3	105.3	92.1
85°	79.0	68.4	71.0	55.3	42.1
87.5°	36.9	31.6	31.6	21.0	13.1
90°	45.4	28.9	26.8	18.6	10.4
92.5°	279.9	199.1	181.6	111.4	41.2
95°	688.6	387.8	355.8	227.4	99.0
97.5°	927.6	426.0	397.7	284.5	171.2
100°	1014.5	458.0	432.3	329.6	226.9
102.5°	1054.5	489.9	465.9	370.1	274.3
105°	1083.9	537.3	517.0	435.9	354.8
107.5°	1089.4	607.5	588.5	512.9	437.3
110°	1081.3	646.7	629.7	561.3	493.0



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CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1081.6	694.1	677.9	612.7	547.7
115°	1091.5	765.2	750.2	690.2	630.2
117.5°	1111.8	834.3	820.7	766.2	711.6
120°	1128.3	874.6	861.7	810.4	759.1
122.5°	1152.0	922.0	909.0	857.3	805.5
125°	1183.9	982.9	971.1	923.9	876.7
127.5°	1216.0	1041.7	1029.8	982.2	934.4
130°	1239.3	1080.9	1068.0	1016.7	965.3
132.5°	1258.2	1112.8	1100.0	1048.7	997.3
135°	1278.9	1150.0	1138.3	1091.5	1044.8
137.5°	1309.8	1197.4	1185.8	1139.5	1093.2
140°	1328.8	1229.4	1218.7	1176.1	1133.4
142.5°	1344.5	1253.1	1243.2	1203.9	1164.4
145°	1365.2	1289.2	1280.7	1246.2	1211.8
147.5°	1395.5	1334.6	1326.3	1292.8	1259.3
150°	1411.2	1358.3	1350.8	1320.5	1290.2
152.5°	1421.6	1373.8	1368.0	1345.1	1322.2
155°	1444.3	1407.8	1403.6	1386.6	1369.7
157.5°	1466.9	1441.8	1437.7	1421.2	1404.8
160°	1477.3	1457.3	1454.2	1441.3	1428.5
162.5°	1488.2	1473.8	1471.4	1461.7	1452.2
165°	1504.1	1497.6	1495.4	1486.7	1478.0
167.5°	1516.4	1510.9	1509.9	1505.8	1501.7
170°	1526.8	1526.5	1525.5	1521.3	1517.1
172.5°	1527.5	1527.5	1527.3	1526.3	1525.4
175°	1533.6	1536.7	1536.7	1536.7	1536.7
177.5°	1534.3	1536.7	1536.7	1536.7	1536.7
180°	1536.7	1536.7	1536.7	1536.7	1536.7



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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	12.91	13.70	13.93	14.73	16.11	15.75	16.54	16.77	17.57	18.95
	3H	13.38	14.09	14.41	15.13	16.53	17.09	17.80	18.12	18.84	20.24
	4H	13.57	14.24	14.61	15.28	16.69	17.53	18.20	18.58	19.25	20.66
	6H	13.68	14.30	14.74	15.35	16.77	17.81	18.43	18.87	19.48	20.90
	8H	13.68	14.27	14.74	15.34	16.75	17.89	18.48	18.95	19.54	20.96
	12H	13.65	14.21	14.72	15.27	16.71	17.93	18.49	18.99	19.54	20.98
4H	2H	13.93	14.61	14.99	15.65	17.06	16.15	16.82	17.20	17.86	19.27
	3H	14.96	15.52	16.01	16.59	18.01	17.65	18.21	18.71	19.28	20.70
	4H	15.23	15.74	16.29	16.80	18.25	18.17	18.69	19.24	19.75	21.19
	6H	15.35	15.79	16.42	16.88	18.31	18.54	18.98	19.61	20.06	21.50
	8H	15.35	15.77	16.43	16.84	18.30	18.64	19.06	19.72	20.13	21.59
	12H	15.32	15.69	16.41	16.78	18.24	18.70	19.07	19.79	20.16	21.62
8H	4H	15.68	16.09	16.75	17.17	18.62	18.29	18.71	19.37	19.78	21.24
	6H	15.94	16.28	17.03	17.40	18.85	18.73	19.07	19.83	20.19	21.64
	8H	15.98	16.28	17.08	17.38	18.85	18.88	19.18	19.99	20.28	21.75
	12H	15.96	16.22	17.07	17.32	18.83	18.98	19.24	20.09	20.34	21.85
12H	4H	15.68	16.05	16.77	17.14	18.60	18.25	18.63	19.35	19.72	21.18
	6H	16.00	16.30	17.10	17.40	18.87	18.73	19.03	19.83	20.13	21.60
	8H	16.06	16.32	17.17	17.42	18.93	18.89	19.15	19.99	20.25	21.75