

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: P934187

Luminaire Tested: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-6-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934187
REPORT IS A COMBINATION OF REPORTS P933687 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-6-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

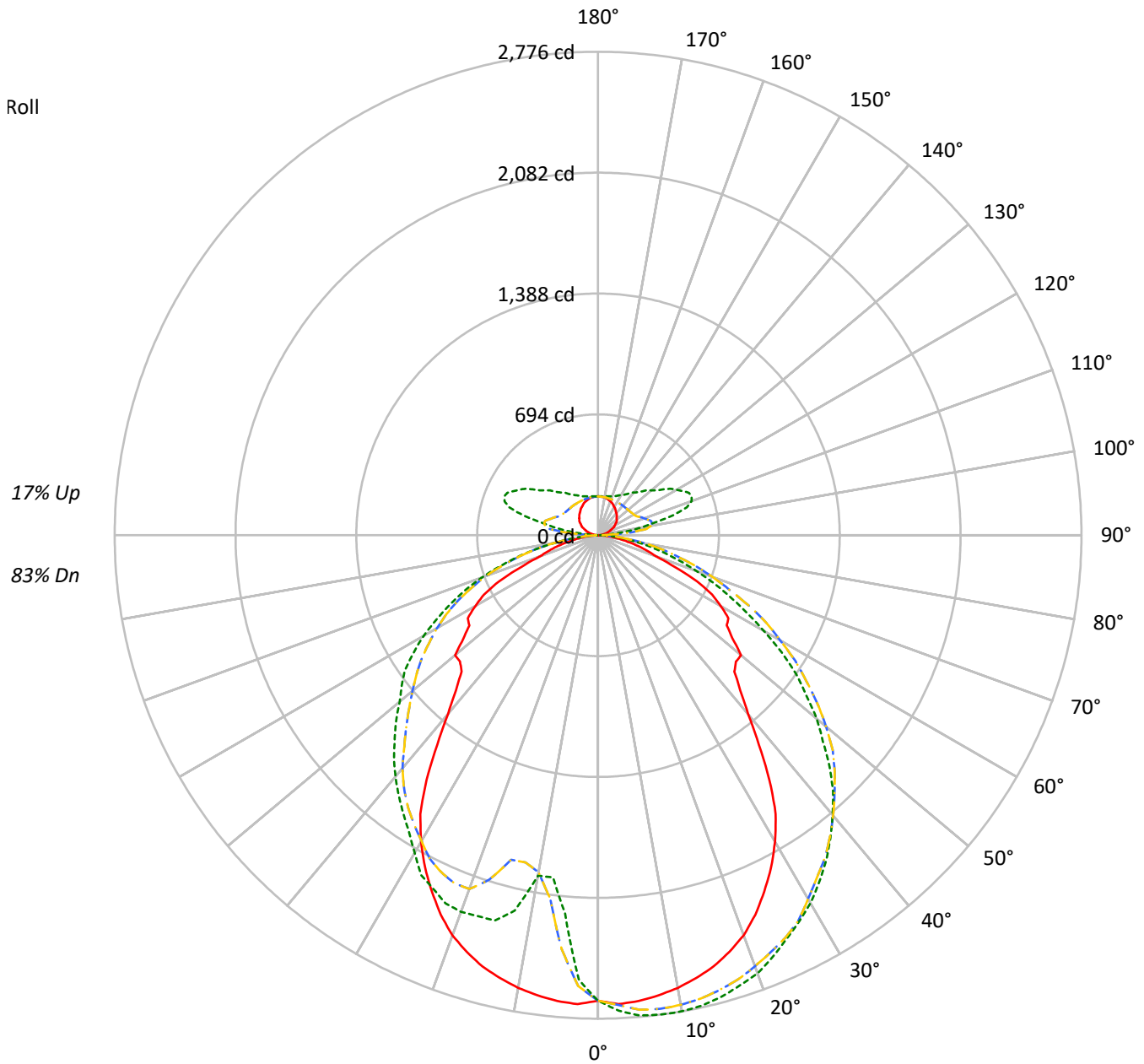
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8374.4 lumens
Efficiency: N/A
Efficacy: 112.6 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 74.4
Input Voltage (V): NR
Input Current (A_{in}): 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	115	115	115	115	110	110	110	110	102	102	102	94	94	94	86	86	86	86	86	86	83
1	105	101	97	93	101	97	93	90	89	87	84	83	80	78	76	75	73	73	73	73	70
2	96	88	82	76	92	85	79	74	78	74	70	73	69	66	67	64	62	62	62	62	59
3	88	78	70	64	84	75	68	62	69	63	59	64	60	56	60	56	52	52	52	52	50
4	80	69	60	54	77	66	59	53	62	55	50	57	52	48	53	49	45	45	45	45	43
5	74	61	53	46	70	59	51	45	55	49	43	52	46	41	48	43	39	39	39	39	37
6	68	55	47	40	65	53	45	40	50	43	38	47	41	36	44	39	35	35	35	35	32
7	63	50	42	36	60	48	41	35	45	39	34	42	37	32	40	35	31	31	31	31	29
8	59	46	37	32	56	44	36	31	41	35	30	39	33	29	37	31	28	28	28	28	26
9	55	42	34	28	52	40	33	28	38	32	27	36	30	26	34	29	25	25	25	25	23
10	51	38	31	26	49	37	30	25	35	29	24	33	28	24	31	26	23	23	23	23	21

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16530	16530	16530	16530
5°	16647	16686	16647	13120
10°	16530	16437	16530	11751
15°	16344	16081	16344	13427
20°	15996	15659	15996	13456
25°	15289	15043	15289	13170
30°	14379	14533	14379	12545
35°	12813	13886	12813	11857
40°	10670	13126	10670	11336
45°	9528	12235	9528	10739
50°	10115	11173	10115	10139
55°	9507	10029	9507	9792
60°	9788	8518	9788	8968
65°	8861	7041	8861	7871
70°	6121	5612	6121	6597
75°	5346	4148	5346	4968
80°	4280	2742	4280	2986
85°	2409	1452	2409	1235

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14612 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	241.2	2.9
10°-20°	684.8	8.2
20°-30°	1058.6	12.6
30°-40°	1263.8	15.1
40°-50°	1271.2	15.2
50°-60°	1106.1	13.2
60°-70°	784.2	9.4
70°-80°	414.9	5.0
80°-90°	104.2	1.2
90°-100°	108.7	1.3
100°-110°	285.7	3.4
110°-120°	296.3	3.5
120°-130°	237.7	2.8
130°-140°	186.5	2.2
140°-150°	143.1	1.7
150°-160°	103.1	1.2
160°-170°	63.1	0.8
170°-180°	21.3	0.3
0°-30°	1984.7	23.7
0°-40°	3248.4	38.8
0°-60°	5625.7	67.2
0°-90°	6929.0	82.7
90°-120°	690.7	8.2
90°-150°	1257.9	15.0
90°-180°	1445.0	17.3
0°-180°	8374.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2672	2672	2672	2672	2672	
5°	2685	2768	2685	2177	2685	255
15°	2563	2743	2563	2290	2563	721
25°	2257	2558	2257	2240	2257	1037
35°	1716	2283	1716	1949	1716	1062
45°	1107	1881	1107	1651	1107	887
55°	902	1388	902	1355	902	829
65°	627	837	627	935	627	599
75°	238	397	238	475	238	250
85°	40	101	40	86	40	55
90°	2	6	2	6	2	3
95°	14	66	14	66	14	16
105°	52	447	52	447	52	55
115°	91	576	91	576	91	90
125°	127	459	127	459	127	113
135°	152	356	152	356	152	117
145°	176	289	176	289	176	110
155°	199	249	199	249	199	91
165°	214	232	214	232	214	61
175°	223	224	223	224	223	21
180°	223	223	223	223	223	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1
2.5°	2694.8	2694.8	2710.0	2715.0	2715.0	2707.4	2699.9	2707.4	2730.2	2737.8	2735.2
5°	2684.7	2704.9	2732.7	2737.8	2742.9	2740.3	2735.2	2740.3	2765.6	2770.7	2773.2
7.5°	2664.5	2702.3	2737.8	2745.4	2752.9	2745.4	2742.9	2747.9	2773.2	2778.2	2778.2
10°	2639.2	2692.3	2732.7	2737.8	2745.4	2737.8	2737.8	2747.9	2773.2	2778.2	2780.7
12.5°	2603.8	2677.1	2715.0	2720.1	2730.2	2727.6	2725.2	2735.2	2760.5	2765.6	2765.6
15°	2563.4	2649.3	2684.7	2689.8	2707.4	2702.3	2702.3	2712.5	2740.3	2747.9	2745.4
17.5°	2507.7	2613.9	2654.3	2661.9	2674.6	2672.1	2674.6	2684.7	2710.0	2715.0	2717.6
20°	2444.6	2565.9	2613.9	2621.5	2634.1	2634.1	2634.1	2646.8	2672.1	2682.1	2682.1
22.5°	2358.6	2515.3	2565.9	2571.0	2586.1	2586.1	2591.2	2608.8	2631.6	2634.1	2634.1
25°	2257.4	2459.7	2502.6	2517.9	2533.0	2540.6	2548.2	2558.3	2565.9	2563.4	2565.9
27.5°	2151.3	2388.9	2444.6	2454.6	2474.9	2482.4	2492.6	2495.1	2497.7	2505.2	2500.2
30°	2032.4	2290.3	2373.8	2383.8	2416.7	2421.8	2411.7	2416.7	2429.3	2434.4	2439.5
32.5°	1898.5	2143.7	2300.5	2323.2	2353.5	2338.4	2335.8	2343.4	2363.6	2363.6	2368.7
35°	1716.5	2029.9	2232.2	2252.5	2275.2	2257.4	2267.6	2270.1	2282.7	2290.3	2287.8
37.5°	1516.8	1931.3	2161.4	2176.6	2194.3	2171.5	2186.7	2194.3	2204.3	2199.4	2199.4
40°	1339.8	1777.2	2078.0	2088.1	2103.3	2085.5	2100.8	2105.8	2110.8	2105.8	2103.3
42.5°	1208.3	1607.7	1989.5	2002.2	1992.0	2004.6	2009.7	2019.9	2012.2	2002.2	2002.2
45°	1107.3	1562.3	1893.4	1908.6	1893.4	1913.7	1921.3	1921.3	1898.5	1893.4	1890.9
47.5°	1074.4	1471.3	1797.4	1797.4	1789.8	1815.1	1827.8	1810.0	1787.2	1779.7	1779.7
50°	1071.9	1370.2	1665.9	1655.8	1691.2	1721.6	1708.9	1691.2	1673.5	1645.7	1645.7
52.5°	973.3	1246.3	1496.6	1534.4	1590.1	1607.7	1587.5	1569.9	1539.5	1526.9	1516.8
55°	902.5	1117.3	1342.3	1418.2	1476.4	1499.1	1461.1	1443.5	1398.0	1390.4	1385.3
57.5°	887.3	930.3	1200.8	1296.9	1367.6	1365.1	1342.3	1309.4	1271.6	1264.0	1261.4
60°	814.0	672.4	1049.1	1162.8	1236.1	1228.6	1208.3	1178.1	1142.6	1137.6	1132.6
62.5°	738.1	487.9	877.2	1006.2	1109.7	1107.3	1089.5	1044.0	1018.8	1006.2	996.0
65°	627.0	409.6	624.4	836.7	985.9	990.9	953.1	920.2	892.4	877.2	874.7
67.5°	477.8	333.7	422.2	697.7	867.1	862.0	814.0	798.8	763.4	755.9	740.7
70°	353.9	222.5	293.2	566.2	750.8	738.1	700.3	682.6	649.7	632.0	621.9
72.5°	293.2	179.5	214.8	439.8	632.0	616.8	584.0	563.7	535.9	520.8	510.6
75°	237.6	189.6	164.3	326.1	513.1	503.1	472.7	452.5	429.8	409.6	412.0
77.5°	174.4	177.0	131.5	240.1	407.0	391.8	374.1	348.9	338.7	318.5	318.5
80°	131.5	139.0	98.6	164.3	293.2	293.2	278.1	260.4	242.7	232.6	232.6
82.5°	88.4	88.4	73.3	103.7	199.7	192.1	182.0	177.0	166.8	161.8	161.8
85°	40.4	50.6	45.5	63.2	108.7	113.7	113.7	108.7	106.2	101.1	103.7
87.5°	12.6	22.7	27.8	35.4	55.6	58.2	60.7	60.7	60.7	63.2	63.2
90°	1.5	2.7	3.9	4.2	6.6	9.8	11.4	10.1	7.6	5.7	5.7
92.5°	6.0	16.1	26.3	28.9	40.6	56.3	64.0	56.1	40.2	28.4	27.3
95°	14.3	33.0	51.6	56.3	99.9	158.1	187.1	167.0	126.7	96.5	93.1
97.5°	24.8	41.2	57.7	61.8	134.6	231.6	280.1	267.3	241.9	222.8	216.3
100°	33.0	47.8	62.7	66.4	147.2	254.9	308.7	309.6	311.4	312.8	305.1
102.5°	39.8	53.8	67.6	71.1	153.0	262.1	316.7	333.0	365.4	389.8	383.2
105°	51.5	63.2	75.0	78.0	157.3	262.9	315.8	352.2	425.0	479.6	476.0
107.5°	63.4	74.4	85.4	88.1	158.1	251.3	297.9	348.7	450.2	526.3	527.2
110°	71.5	81.5	91.3	93.8	156.9	240.9	283.0	339.7	453.2	538.2	541.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	79.5	88.9	98.3	100.7	156.9	231.9	269.3	327.4	443.5	530.6	536.2
115°	91.4	100.2	108.9	111.1	158.4	221.4	253.0	309.0	420.8	504.7	512.6
117.5°	103.3	111.2	119.0	121.0	161.3	214.9	241.8	292.3	393.2	468.9	477.7
120°	110.2	117.6	125.0	126.9	163.7	212.8	237.3	283.5	375.7	444.9	453.5
122.5°	116.8	124.4	131.9	133.8	167.1	211.6	233.9	275.4	358.5	420.8	429.3
125°	127.2	134.1	140.9	142.6	171.8	210.8	230.2	265.4	336.1	388.9	396.7
127.5°	135.6	142.4	149.4	151.1	176.4	210.2	227.0	257.3	317.9	363.3	369.9
130°	140.0	147.5	154.9	156.8	179.8	210.5	225.8	252.8	306.7	347.1	353.2
132.5°	144.7	152.2	159.6	161.5	182.6	210.8	224.8	248.9	297.2	333.4	338.7
135°	151.6	158.4	165.1	166.8	185.6	210.6	223.0	243.2	283.7	313.9	318.6
137.5°	158.7	165.3	172.0	173.7	190.0	211.8	222.7	239.8	274.0	299.6	303.4
140°	164.4	170.6	176.8	178.4	192.8	212.0	221.6	236.4	265.9	288.0	291.6
142.5°	168.9	174.6	180.4	181.8	195.0	212.7	221.6	234.6	260.6	280.0	283.1
145°	175.8	180.8	185.8	187.0	198.1	212.7	220.1	230.7	251.9	267.8	270.1
147.5°	182.7	187.5	192.4	193.6	202.5	214.2	220.1	228.5	245.1	257.7	259.6
150°	187.1	191.5	196.0	197.1	204.8	215.0	220.1	227.2	241.2	251.8	253.4
152.5°	191.8	195.1	198.5	199.3	206.3	215.5	220.1	226.1	238.1	247.2	248.4
155°	198.7	201.2	203.7	204.3	209.6	216.6	220.1	224.9	234.5	241.6	242.4
157.5°	203.8	206.2	208.6	209.2	212.8	217.7	220.1	223.8	231.3	236.8	237.4
160°	207.3	209.2	211.0	211.5	214.3	218.2	220.1	223.3	229.7	234.5	234.8
162.5°	210.7	212.0	213.4	213.8	215.9	218.7	220.1	222.8	228.2	232.3	232.6
165°	214.4	215.6	216.9	217.2	218.2	219.5	220.1	222.0	225.9	228.8	229.1
167.5°	217.8	218.4	219.0	219.2	220.0	221.1	221.6	222.9	225.4	227.3	227.4
170°	220.1	220.7	221.3	221.4	221.5	221.6	221.6	222.9	225.4	227.3	227.3
172.5°	221.3	221.4	221.6	221.6	221.6	221.6	221.6	222.6	224.6	226.1	226.0
175°	223.0	223.0	223.0	223.0	222.5	221.9	221.6	222.2	223.5	224.5	224.5
177.5°	223.0	223.0	223.0	223.0	222.6	222.1	221.9	222.4	223.4	224.2	224.1
180°	223.0	223.0	223.0	223.0	223.0	223.0	223.0	223.0	223.0	223.0	223.0



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1
2.5°	2740.3	2732.7	2740.3	2735.2	2737.8	2730.2	2707.4	2699.9	2707.4	2715.0	2715.0
5°	2773.2	2768.1	2773.2	2773.2	2770.7	2765.6	2740.3	2735.2	2740.3	2742.9	2737.8
7.5°	2783.3	2775.8	2783.3	2778.2	2778.2	2773.2	2747.9	2742.9	2745.4	2752.9	2745.4
10°	2783.3	2775.8	2783.3	2780.7	2778.2	2773.2	2747.9	2737.8	2737.8	2745.4	2737.8
12.5°	2770.7	2765.6	2770.7	2765.6	2765.6	2760.5	2735.2	2725.2	2727.6	2730.2	2720.1
15°	2750.5	2742.9	2750.5	2745.4	2747.9	2740.3	2712.5	2702.3	2702.3	2707.4	2689.8
17.5°	2720.1	2710.0	2720.1	2717.6	2715.0	2710.0	2684.7	2674.6	2672.1	2674.6	2661.9
20°	2684.7	2677.1	2684.7	2682.1	2682.1	2672.1	2646.8	2634.1	2634.1	2634.1	2621.5
22.5°	2629.0	2621.5	2629.0	2634.1	2634.1	2631.6	2608.8	2591.2	2586.1	2586.1	2571.0
25°	2565.9	2558.3	2565.9	2565.9	2563.4	2565.9	2558.3	2548.2	2540.6	2533.0	2517.9
27.5°	2505.2	2500.2	2505.2	2500.2	2505.2	2497.7	2495.1	2492.6	2482.4	2474.9	2454.6
30°	2444.6	2439.5	2444.6	2439.5	2434.4	2429.3	2416.7	2411.7	2421.8	2416.7	2383.8
32.5°	2368.7	2363.6	2368.7	2368.7	2363.6	2363.6	2343.4	2335.8	2338.4	2353.5	2323.2
35°	2290.3	2282.7	2290.3	2287.8	2290.3	2282.7	2270.1	2267.6	2257.4	2275.2	2252.5
37.5°	2199.4	2191.7	2199.4	2199.4	2199.4	2204.3	2194.3	2186.7	2171.5	2194.3	2176.6
40°	2105.8	2095.7	2105.8	2103.3	2105.8	2110.8	2105.8	2100.8	2085.5	2103.3	2088.1
42.5°	1999.7	1997.1	1999.7	2002.2	2002.2	2012.2	2019.9	2009.7	2004.6	1992.0	2002.2
45°	1885.8	1880.8	1885.8	1890.9	1893.4	1898.5	1921.3	1921.3	1913.7	1893.4	1908.6
47.5°	1764.5	1751.9	1764.5	1779.7	1779.7	1787.2	1810.0	1827.8	1815.1	1789.8	1797.4
50°	1635.6	1638.1	1635.6	1645.7	1645.7	1673.5	1691.2	1708.9	1721.6	1691.2	1655.8
52.5°	1509.2	1506.6	1509.2	1516.8	1526.9	1539.5	1569.9	1587.5	1607.7	1590.1	1534.4
55°	1382.7	1387.8	1382.7	1385.3	1390.4	1398.0	1443.5	1461.1	1499.1	1476.4	1418.2
57.5°	1256.4	1248.8	1256.4	1261.4	1264.0	1271.6	1309.4	1342.3	1365.1	1367.6	1296.9
60°	1109.7	1099.7	1109.7	1132.6	1137.6	1142.6	1178.1	1208.3	1228.6	1236.1	1162.8
62.5°	980.9	963.1	980.9	996.0	1006.2	1018.8	1044.0	1089.5	1107.3	1109.7	1006.2
65°	844.3	836.7	844.3	874.7	877.2	892.4	920.2	953.1	990.9	985.9	836.7
67.5°	720.5	720.5	720.5	740.7	755.9	763.4	798.8	814.0	862.0	867.1	697.7
70°	606.7	604.2	606.7	621.9	632.0	649.7	682.6	700.3	738.1	750.8	566.2
72.5°	498.0	495.5	498.0	510.6	520.8	535.9	563.7	584.0	616.8	632.0	439.8
75°	402.0	396.9	402.0	412.0	409.6	429.8	452.5	472.7	503.1	513.1	326.1
77.5°	308.5	308.5	308.5	318.5	318.5	338.7	348.9	374.1	391.8	407.0	240.1
80°	230.1	227.5	230.1	232.6	232.6	242.7	260.4	278.1	293.2	293.2	164.3
82.5°	161.8	156.8	161.8	161.8	161.8	166.8	177.0	182.0	192.1	199.7	103.7
85°	101.1	101.1	101.1	103.7	101.1	106.2	108.7	113.7	113.7	108.7	63.2
87.5°	65.7	63.2	65.7	63.2	63.2	60.7	60.7	60.7	58.2	55.6	35.4
90°	5.7	5.7	5.7	5.7	5.7	7.6	10.1	11.4	9.8	6.6	4.2
92.5°	22.7	18.2	22.7	27.3	28.4	40.2	56.1	64.0	56.3	40.6	28.9
95°	79.4	65.7	79.4	93.1	96.5	126.7	167.0	187.1	158.1	99.9	56.3
97.5°	190.2	164.1	190.2	216.3	222.8	241.9	267.3	280.1	231.6	134.6	61.8
100°	274.1	243.0	274.1	305.1	312.8	311.4	309.6	308.7	254.9	147.2	66.4
102.5°	356.6	330.0	356.6	383.2	389.8	365.4	333.0	316.7	262.1	153.0	71.1
105°	461.7	447.4	461.7	476.0	479.6	425.0	352.2	315.8	262.9	157.3	78.0
107.5°	530.6	534.1	530.6	527.2	526.3	450.2	348.7	297.9	251.3	158.1	88.1
110°	556.9	571.8	556.9	541.9	538.2	453.2	339.7	283.0	240.9	156.9	93.8



TEST NUMBER: P934187

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	559.2	582.1	559.2	536.2	530.6	443.5	327.4	269.3	231.9	156.9	100.7
115°	544.3	576.1	544.3	512.6	504.7	420.8	309.0	253.0	221.4	158.4	111.1
117.5°	512.9	548.1	512.9	477.7	468.9	393.2	292.3	241.8	214.9	161.3	121.0
120°	487.6	521.8	487.6	453.5	444.9	375.7	283.5	237.3	212.8	163.7	126.9
122.5°	462.9	496.6	462.9	429.3	420.8	358.5	275.4	233.9	211.6	167.1	133.8
125°	427.7	458.8	427.7	396.7	388.9	336.1	265.4	230.2	210.8	171.8	142.6
127.5°	396.1	422.3	396.1	369.9	363.3	317.9	257.3	227.0	210.2	176.4	151.1
130°	377.4	401.6	377.4	353.2	347.1	306.7	252.8	225.8	210.5	179.8	156.8
132.5°	360.5	382.2	360.5	338.7	333.4	297.2	248.9	224.8	210.8	182.6	161.5
135°	337.2	356.0	337.2	318.6	313.9	283.7	243.2	223.0	210.6	185.6	166.8
137.5°	318.7	334.0	318.7	303.4	299.6	274.0	239.8	222.7	211.8	190.0	173.7
140°	305.9	320.2	305.9	291.6	288.0	265.9	236.4	221.6	212.0	192.8	178.4
142.5°	295.3	307.7	295.3	283.1	280.0	260.6	234.6	221.6	212.7	195.0	181.8
145°	279.5	288.8	279.5	270.1	267.8	251.9	230.7	220.1	212.7	198.1	187.0
147.5°	267.3	275.0	267.3	259.6	257.7	245.1	228.5	220.1	214.2	202.5	193.6
150°	259.7	265.9	259.7	253.4	251.8	241.2	227.2	220.1	215.0	204.8	197.1
152.5°	253.1	257.9	253.1	248.4	247.2	238.1	226.1	220.1	215.5	206.3	199.3
155°	245.5	248.7	245.5	242.4	241.6	234.5	224.9	220.1	216.6	209.6	204.3
157.5°	239.6	241.8	239.6	237.4	236.8	231.3	223.8	220.1	217.7	212.8	209.2
160°	236.1	237.3	236.1	234.8	234.5	229.7	223.3	220.1	218.2	214.3	211.5
162.5°	233.8	235.0	233.8	232.6	232.3	228.2	222.8	220.1	218.7	215.9	213.8
165°	230.4	231.7	230.4	229.1	228.8	225.9	222.0	220.1	219.5	218.2	217.2
167.5°	228.0	228.5	228.0	227.4	227.3	225.4	222.9	221.6	221.1	220.0	219.2
170°	227.3	227.3	227.3	227.3	227.3	225.4	222.9	221.6	221.6	221.5	221.4
172.5°	225.5	225.1	225.5	226.0	226.1	224.6	222.6	221.6	221.6	221.6	221.6
175°	224.5	224.5	224.5	224.5	224.5	223.5	222.2	221.6	221.9	222.5	223.0
177.5°	223.5	223.0	223.5	224.1	224.2	223.4	222.4	221.9	222.1	222.6	223.0
180°	223.0	223.0	223.0	223.0	223.0	223.0	223.0	223.0	223.0	223.0	223.0



TEST NUMBER: P934187

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1
2.5°	2710.0	2694.8	2694.8	2669.6	2659.4	2651.8	2639.2	2601.3	2591.2	2581.0	2596.2
5°	2732.7	2704.9	2684.7	2639.2	2601.3	2586.1	2538.1	2447.1	2386.4	2340.9	2315.6
7.5°	2737.8	2702.3	2664.5	2593.7	2502.6	2462.2	2315.6	2148.8	2103.3	2062.8	2037.5
10°	2732.7	2692.3	2639.2	2533.0	2318.2	2247.4	2100.8	1992.0	1964.2	1956.6	1964.2
12.5°	2715.0	2677.1	2603.8	2426.9	2126.1	2078.0	1992.0	1928.9	1923.8	1936.4	2004.6
15°	2684.7	2649.3	2563.4	2285.3	2019.9	1984.4	1923.8	1901.1	1928.9	2017.3	2222.1
17.5°	2654.3	2613.9	2507.7	2146.3	1938.9	1913.7	1870.7	1916.2	2073.0	2191.7	2260.0
20°	2613.9	2565.9	2444.6	2045.1	1880.8	1858.0	1837.8	2042.6	2161.4	2204.3	2242.3
22.5°	2565.9	2515.3	2358.6	1974.4	1820.1	1802.5	1815.1	2113.4	2161.4	2191.7	2224.6
25°	2502.6	2459.7	2257.4	1918.7	1772.1	1751.9	1799.9	2105.8	2133.6	2141.2	2206.9
27.5°	2444.6	2388.9	2151.3	1868.2	1713.9	1706.3	1812.5	2073.0	2093.2	2100.8	2171.5
30°	2373.8	2290.3	2032.4	1815.1	1653.3	1650.8	1815.1	2032.4	2027.5	2047.7	2118.4
32.5°	2300.5	2143.7	1898.5	1749.4	1595.2	1592.6	1797.4	1971.8	1966.8	1994.6	2047.7
35°	2232.2	2029.9	1716.5	1673.5	1521.8	1524.4	1754.5	1901.1	1903.6	1928.9	1961.7
37.5°	2161.4	1931.3	1516.8	1590.1	1451.1	1451.1	1696.3	1835.3	1830.2	1837.8	1883.3
40°	2078.0	1777.2	1339.8	1481.4	1385.3	1377.8	1625.5	1764.5	1746.8	1744.3	1807.5
42.5°	1989.5	1607.7	1208.3	1337.3	1309.4	1299.4	1539.5	1678.6	1645.7	1653.3	1734.1
45°	1893.4	1562.3	1107.3	1130.0	1231.2	1223.5	1446.0	1580.0	1557.2	1577.5	1660.8
47.5°	1797.4	1471.3	1074.4	937.8	1147.7	1145.2	1342.3	1483.9	1471.3	1491.5	1580.0
50°	1665.9	1370.2	1071.9	803.9	1054.2	1064.2	1218.5	1390.4	1390.4	1408.0	1501.6
52.5°	1496.6	1246.3	973.3	728.1	945.5	975.8	1109.7	1309.4	1314.5	1332.2	1415.6
55°	1342.3	1117.3	902.5	669.9	816.5	882.3	1003.6	1226.1	1236.1	1253.9	1329.7
57.5°	1200.8	930.3	887.3	601.7	697.7	760.9	910.0	1145.2	1150.2	1165.4	1238.7
60°	1049.1	672.4	814.0	528.4	594.1	642.1	824.1	1049.1	1066.8	1076.9	1140.1
62.5°	877.2	487.9	738.1	477.8	543.5	553.6	753.4	958.1	980.9	988.4	1026.4
65°	624.4	409.6	627.0	434.9	490.4	492.9	677.5	864.5	884.7	897.4	925.3
67.5°	422.2	333.7	477.8	394.3	450.0	452.5	604.2	755.9	783.7	793.8	811.4
70°	293.2	222.5	353.9	351.4	404.5	409.6	525.8	657.3	682.6	690.1	700.3
72.5°	214.8	179.5	293.2	316.0	356.5	361.5	444.9	546.0	571.3	578.9	584.0
75°	164.3	189.6	237.6	275.6	303.4	305.9	364.0	444.9	462.6	467.7	470.2
77.5°	131.5	177.0	174.4	222.5	247.7	242.7	285.7	343.8	359.0	359.0	359.0
80°	98.6	139.0	131.5	159.3	182.0	177.0	204.8	245.2	250.3	255.3	252.8
82.5°	73.3	88.4	88.4	101.1	121.3	116.3	136.6	159.3	159.3	159.3	164.3
85°	45.5	50.6	40.4	53.1	68.2	65.7	75.8	86.0	88.4	88.4	83.5
87.5°	27.8	22.7	12.6	20.2	30.4	30.4	35.4	37.9	35.4	35.4	35.4
90°	3.9	2.7	1.5	2.7	3.9	4.2	6.6	9.8	11.4	10.1	7.6
92.5°	26.3	16.1	6.0	16.1	26.3	28.9	40.6	56.3	64.0	56.1	40.2
95°	51.6	33.0	14.3	33.0	51.6	56.3	99.9	158.1	187.1	167.0	126.7
97.5°	57.7	41.2	24.8	41.2	57.7	61.8	134.6	231.6	280.1	267.3	241.9
100°	62.7	47.8	33.0	47.8	62.7	66.4	147.2	254.9	308.7	309.6	311.4
102.5°	67.6	53.8	39.8	53.8	67.6	71.1	153.0	262.1	316.7	333.0	365.4
105°	75.0	63.2	51.5	63.2	75.0	78.0	157.3	262.9	315.8	352.2	425.0
107.5°	85.4	74.4	63.4	74.4	85.4	88.1	158.1	251.3	297.9	348.7	450.2
110°	91.3	81.5	71.5	81.5	91.3	93.8	156.9	240.9	283.0	339.7	453.2



TEST NUMBER: P934187

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	98.3	88.9	79.5	88.9	98.3	100.7	156.9	231.9	269.3	327.4	443.5
115°	108.9	100.2	91.4	100.2	108.9	111.1	158.4	221.4	253.0	309.0	420.8
117.5°	119.0	111.2	103.3	111.2	119.0	121.0	161.3	214.9	241.8	292.3	393.2
120°	125.0	117.6	110.2	117.6	125.0	126.9	163.7	212.8	237.3	283.5	375.7
122.5°	131.9	124.4	116.8	124.4	131.9	133.8	167.1	211.6	233.9	275.4	358.5
125°	140.9	134.1	127.2	134.1	140.9	142.6	171.8	210.8	230.2	265.4	336.1
127.5°	149.4	142.4	135.6	142.4	149.4	151.1	176.4	210.2	227.0	257.3	317.9
130°	154.9	147.5	140.0	147.5	154.9	156.8	179.8	210.5	225.8	252.8	306.7
132.5°	159.6	152.2	144.7	152.2	159.6	161.5	182.6	210.8	224.8	248.9	297.2
135°	165.1	158.4	151.6	158.4	165.1	166.8	185.6	210.6	223.0	243.2	283.7
137.5°	172.0	165.3	158.7	165.3	172.0	173.7	190.0	211.8	222.7	239.8	274.0
140°	176.8	170.6	164.4	170.6	176.8	178.4	192.8	212.0	221.6	236.4	265.9
142.5°	180.4	174.6	168.9	174.6	180.4	181.8	195.0	212.7	221.6	234.6	260.6
145°	185.8	180.8	175.8	180.8	185.8	187.0	198.1	212.7	220.1	230.7	251.9
147.5°	192.4	187.5	182.7	187.5	192.4	193.6	202.5	214.2	220.1	228.5	245.1
150°	196.0	191.5	187.1	191.5	196.0	197.1	204.8	215.0	220.1	227.2	241.2
152.5°	198.5	195.1	191.8	195.1	198.5	199.3	206.3	215.5	220.1	226.1	238.1
155°	203.7	201.2	198.7	201.2	203.7	204.3	209.6	216.6	220.1	224.9	234.5
157.5°	208.6	206.2	203.8	206.2	208.6	209.2	212.8	217.7	220.1	223.8	231.3
160°	211.0	209.2	207.3	209.2	211.0	211.5	214.3	218.2	220.1	223.3	229.7
162.5°	213.4	212.0	210.7	212.0	213.4	213.8	215.9	218.7	220.1	222.8	228.2
165°	216.9	215.6	214.4	215.6	216.9	217.2	218.2	219.5	220.1	222.0	225.9
167.5°	219.0	218.4	217.8	218.4	219.0	219.2	220.0	221.1	221.6	222.9	225.4
170°	221.3	220.7	220.1	220.7	221.3	221.4	221.5	221.6	221.6	222.9	225.4
172.5°	221.6	221.4	221.3	221.4	221.6	221.6	221.6	221.6	221.6	222.6	224.6
175°	223.0	223.0	223.0	223.0	223.0	223.0	222.5	221.9	221.6	222.2	223.5
177.5°	223.0	223.0	223.0	223.0	223.0	223.0	222.6	222.1	221.9	222.4	223.4
180°	223.0	223.0	223.0	223.0	223.0	223.0	223.0	223.0	223.0	223.0	223.0



TEST NUMBER: P934187

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1
2.5°	2578.5	2571.0	2581.0	2553.2	2581.0	2571.0	2578.5	2596.2	2581.0	2591.2	2601.3
5°	2262.5	2249.9	2209.4	2176.6	2209.4	2249.9	2262.5	2315.6	2340.9	2386.4	2447.1
7.5°	2022.4	2012.2	2002.2	1981.9	2002.2	2012.2	2022.4	2037.5	2062.8	2103.3	2148.8
10°	1969.3	1971.8	1987.0	1984.4	1987.0	1971.8	1969.3	1964.2	1956.6	1964.2	1992.0
12.5°	2105.8	2128.6	2212.0	2206.9	2212.0	2128.6	2105.8	2004.6	1936.4	1923.8	1928.9
15°	2262.5	2270.1	2287.8	2290.3	2287.8	2270.1	2262.5	2222.1	2017.3	1928.9	1901.1
17.5°	2277.7	2280.2	2292.9	2292.9	2292.9	2280.2	2277.7	2260.0	2191.7	2073.0	1916.2
20°	2265.1	2270.1	2295.4	2300.5	2295.4	2270.1	2265.1	2242.3	2204.3	2161.4	2042.6
22.5°	2260.0	2270.1	2290.3	2287.8	2290.3	2270.1	2260.0	2224.6	2191.7	2161.4	2113.4
25°	2234.7	2234.7	2237.2	2239.8	2237.2	2234.7	2234.7	2206.9	2141.2	2133.6	2105.8
27.5°	2181.6	2186.7	2201.9	2199.4	2201.9	2186.7	2181.6	2171.5	2100.8	2093.2	2073.0
30°	2133.6	2128.6	2115.9	2105.8	2115.9	2128.6	2133.6	2118.4	2047.7	2027.5	2032.4
32.5°	2052.8	2040.1	2027.5	2019.9	2027.5	2040.1	2052.8	2047.7	1994.6	1966.8	1971.8
35°	1956.6	1959.1	1956.6	1949.1	1956.6	1959.1	1956.6	1961.7	1928.9	1903.6	1901.1
37.5°	1888.4	1893.4	1890.9	1880.8	1890.9	1893.4	1888.4	1883.3	1837.8	1830.2	1835.3
40°	1817.6	1820.1	1817.6	1810.0	1817.6	1820.1	1817.6	1807.5	1744.3	1746.8	1764.5
42.5°	1749.4	1746.8	1739.2	1734.1	1739.2	1746.8	1749.4	1734.1	1653.3	1645.7	1678.6
45°	1671.0	1673.5	1658.3	1650.8	1658.3	1673.5	1671.0	1660.8	1577.5	1557.2	1580.0
47.5°	1592.6	1592.6	1580.0	1572.4	1580.0	1592.6	1592.6	1580.0	1491.5	1471.3	1483.9
50°	1509.2	1506.6	1489.0	1486.4	1489.0	1506.6	1509.2	1501.6	1408.0	1390.4	1390.4
52.5°	1413.1	1413.1	1415.6	1420.7	1415.6	1413.1	1413.1	1415.6	1332.2	1314.5	1309.4
55°	1329.7	1332.2	1350.0	1355.0	1350.0	1332.2	1329.7	1329.7	1253.9	1236.1	1226.1
57.5°	1243.8	1243.8	1256.4	1256.4	1256.4	1243.8	1243.8	1238.7	1165.4	1150.2	1145.2
60°	1145.2	1150.2	1160.3	1157.8	1160.3	1150.2	1145.2	1140.1	1076.9	1066.8	1049.1
62.5°	1041.5	1046.6	1049.1	1044.0	1049.1	1046.6	1041.5	1026.4	988.4	980.9	958.1
65°	932.9	937.8	940.4	935.3	940.4	937.8	932.9	925.3	897.4	884.7	864.5
67.5°	821.6	819.0	816.5	826.7	816.5	819.0	821.6	811.4	793.8	783.7	755.9
70°	707.9	707.9	705.3	710.3	705.3	707.9	707.9	700.3	690.1	682.6	657.3
72.5°	586.4	584.0	594.1	586.4	594.1	584.0	586.4	584.0	578.9	571.3	546.0
75°	467.7	472.7	467.7	475.3	467.7	472.7	467.7	470.2	467.7	462.6	444.9
77.5°	356.5	361.5	356.5	356.5	356.5	361.5	356.5	359.0	359.0	359.0	343.8
80°	252.8	250.3	250.3	247.7	250.3	250.3	252.8	252.8	255.3	250.3	245.2
82.5°	161.8	159.3	159.3	164.3	159.3	159.3	161.8	164.3	159.3	159.3	159.3
85°	88.4	91.0	86.0	86.0	86.0	91.0	88.4	83.5	88.4	88.4	86.0
87.5°	32.9	30.4	30.4	30.4	30.4	30.4	32.9	35.4	35.4	35.4	37.9
90°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	7.6	10.1	11.4	9.8
92.5°	28.4	27.3	22.7	18.2	22.7	27.3	28.4	40.2	56.1	64.0	56.3
95°	96.5	93.1	79.4	65.7	79.4	93.1	96.5	126.7	167.0	187.1	158.1
97.5°	222.8	216.3	190.2	164.1	190.2	216.3	222.8	241.9	267.3	280.1	231.6
100°	312.8	305.1	274.1	243.0	274.1	305.1	312.8	311.4	309.6	308.7	254.9
102.5°	389.8	383.2	356.6	330.0	356.6	383.2	389.8	365.4	333.0	316.7	262.1
105°	479.6	476.0	461.7	447.4	461.7	476.0	479.6	425.0	352.2	315.8	262.9
107.5°	526.3	527.2	530.6	534.1	530.6	527.2	526.3	450.2	348.7	297.9	251.3
110°	538.2	541.9	556.9	571.8	556.9	541.9	538.2	453.2	339.7	283.0	240.9



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	530.6	536.2	559.2	582.1	559.2	536.2	530.6	443.5	327.4	269.3	231.9
115°	504.7	512.6	544.3	576.1	544.3	512.6	504.7	420.8	309.0	253.0	221.4
117.5°	468.9	477.7	512.9	548.1	512.9	477.7	468.9	393.2	292.3	241.8	214.9
120°	444.9	453.5	487.6	521.8	487.6	453.5	444.9	375.7	283.5	237.3	212.8
122.5°	420.8	429.3	462.9	496.6	462.9	429.3	420.8	358.5	275.4	233.9	211.6
125°	388.9	396.7	427.7	458.8	427.7	396.7	388.9	336.1	265.4	230.2	210.8
127.5°	363.3	369.9	396.1	422.3	396.1	369.9	363.3	317.9	257.3	227.0	210.2
130°	347.1	353.2	377.4	401.6	377.4	353.2	347.1	306.7	252.8	225.8	210.5
132.5°	333.4	338.7	360.5	382.2	360.5	338.7	333.4	297.2	248.9	224.8	210.8
135°	313.9	318.6	337.2	356.0	337.2	318.6	313.9	283.7	243.2	223.0	210.6
137.5°	299.6	303.4	318.7	334.0	318.7	303.4	299.6	274.0	239.8	222.7	211.8
140°	288.0	291.6	305.9	320.2	305.9	291.6	288.0	265.9	236.4	221.6	212.0
142.5°	280.0	283.1	295.3	307.7	295.3	283.1	280.0	260.6	234.6	221.6	212.7
145°	267.8	270.1	279.5	288.8	279.5	270.1	267.8	251.9	230.7	220.1	212.7
147.5°	257.7	259.6	267.3	275.0	267.3	259.6	257.7	245.1	228.5	220.1	214.2
150°	251.8	253.4	259.7	265.9	259.7	253.4	251.8	241.2	227.2	220.1	215.0
152.5°	247.2	248.4	253.1	257.9	253.1	248.4	247.2	238.1	226.1	220.1	215.5
155°	241.6	242.4	245.5	248.7	245.5	242.4	241.6	234.5	224.9	220.1	216.6
157.5°	236.8	237.4	239.6	241.8	239.6	237.4	236.8	231.3	223.8	220.1	217.7
160°	234.5	234.8	236.1	237.3	236.1	234.8	234.5	229.7	223.3	220.1	218.2
162.5°	232.3	232.6	233.8	235.0	233.8	232.6	232.3	228.2	222.8	220.1	218.7
165°	228.8	229.1	230.4	231.7	230.4	229.1	228.8	225.9	222.0	220.1	219.5
167.5°	227.3	227.4	228.0	228.5	228.0	227.4	227.3	225.4	222.9	221.6	221.1
170°	227.3	227.3	227.3	227.3	227.3	227.3	227.3	225.4	222.9	221.6	221.6
172.5°	226.1	226.0	225.5	225.1	225.5	226.0	226.1	224.6	222.6	221.6	221.6
175°	224.5	224.5	224.5	224.5	224.5	224.5	224.5	223.5	222.2	221.6	221.9
177.5°	224.2	224.1	223.5	223.0	223.5	224.1	224.2	223.4	222.4	221.9	222.1
180°	223.0	223.0	223.0	223.0	223.0	223.0	223.0	223.0	223.0	223.0	223.0



TEST NUMBER: P934187

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2672.1	2672.1	2672.1	2672.1	2672.1
2.5°	2639.2	2651.8	2659.4	2669.6	2694.8
5°	2538.1	2586.1	2601.3	2639.2	2684.7
7.5°	2315.6	2462.2	2502.6	2593.7	2664.5
10°	2100.8	2247.4	2318.2	2533.0	2639.2
12.5°	1992.0	2078.0	2126.1	2426.9	2603.8
15°	1923.8	1984.4	2019.9	2285.3	2563.4
17.5°	1870.7	1913.7	1938.9	2146.3	2507.7
20°	1837.8	1858.0	1880.8	2045.1	2444.6
22.5°	1815.1	1802.5	1820.1	1974.4	2358.6
25°	1799.9	1751.9	1772.1	1918.7	2257.4
27.5°	1812.5	1706.3	1713.9	1868.2	2151.3
30°	1815.1	1650.8	1653.3	1815.1	2032.4
32.5°	1797.4	1592.6	1595.2	1749.4	1898.5
35°	1754.5	1524.4	1521.8	1673.5	1716.5
37.5°	1696.3	1451.1	1451.1	1590.1	1516.8
40°	1625.5	1377.8	1385.3	1481.4	1339.8
42.5°	1539.5	1299.4	1309.4	1337.3	1208.3
45°	1446.0	1223.5	1231.2	1130.0	1107.3
47.5°	1342.3	1145.2	1147.7	937.8	1074.4
50°	1218.5	1064.2	1054.2	803.9	1071.9
52.5°	1109.7	975.8	945.5	728.1	973.3
55°	1003.6	882.3	816.5	669.9	902.5
57.5°	910.0	760.9	697.7	601.7	887.3
60°	824.1	642.1	594.1	528.4	814.0
62.5°	753.4	553.6	543.5	477.8	738.1
65°	677.5	492.9	490.4	434.9	627.0
67.5°	604.2	452.5	450.0	394.3	477.8
70°	525.8	409.6	404.5	351.4	353.9
72.5°	444.9	361.5	356.5	316.0	293.2
75°	364.0	305.9	303.4	275.6	237.6
77.5°	285.7	242.7	247.7	222.5	174.4
80°	204.8	177.0	182.0	159.3	131.5
82.5°	136.6	116.3	121.3	101.1	88.4
85°	75.8	65.7	68.2	53.1	40.4
87.5°	35.4	30.4	30.4	20.2	12.6
90°	6.6	4.2	3.9	2.7	1.5
92.5°	40.6	28.9	26.3	16.1	6.0
95°	99.9	56.3	51.6	33.0	14.3
97.5°	134.6	61.8	57.7	41.2	24.8
100°	147.2	66.4	62.7	47.8	33.0
102.5°	153.0	71.1	67.6	53.8	39.8
105°	157.3	78.0	75.0	63.2	51.5
107.5°	158.1	88.1	85.4	74.4	63.4
110°	156.9	93.8	91.3	81.5	71.5



TEST NUMBER: P934187

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	156.9	100.7	98.3	88.9	79.5
115°	158.4	111.1	108.9	100.2	91.4
117.5°	161.3	121.0	119.0	111.2	103.3
120°	163.7	126.9	125.0	117.6	110.2
122.5°	167.1	133.8	131.9	124.4	116.8
125°	171.8	142.6	140.9	134.1	127.2
127.5°	176.4	151.1	149.4	142.4	135.6
130°	179.8	156.8	154.9	147.5	140.0
132.5°	182.6	161.5	159.6	152.2	144.7
135°	185.6	166.8	165.1	158.4	151.6
137.5°	190.0	173.7	172.0	165.3	158.7
140°	192.8	178.4	176.8	170.6	164.4
142.5°	195.0	181.8	180.4	174.6	168.9
145°	198.1	187.0	185.8	180.8	175.8
147.5°	202.5	193.6	192.4	187.5	182.7
150°	204.8	197.1	196.0	191.5	187.1
152.5°	206.3	199.3	198.5	195.1	191.8
155°	209.6	204.3	203.7	201.2	198.7
157.5°	212.8	209.2	208.6	206.2	203.8
160°	214.3	211.5	211.0	209.2	207.3
162.5°	215.9	213.8	213.4	212.0	210.7
165°	218.2	217.2	216.9	215.6	214.4
167.5°	220.0	219.2	219.0	218.4	217.8
170°	221.5	221.4	221.3	220.7	220.1
172.5°	221.6	221.6	221.6	221.4	221.3
175°	222.5	223.0	223.0	223.0	223.0
177.5°	222.6	223.0	223.0	223.0	223.0
180°	223.0	223.0	223.0	223.0	223.0



TEST NUMBER: P934187
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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	17.16	18.42	17.77	19.04	19.76	19.98	21.24	20.60	21.87	22.58
	3H	17.67	18.80	18.29	19.43	20.18	21.36	22.49	21.98	23.12	23.87
	4H	17.87	18.94	18.52	19.59	20.35	21.82	22.88	22.47	23.53	24.29
	6H	18.01	19.00	18.68	19.66	20.43	22.12	23.11	22.78	23.77	24.54
	8H	18.03	18.97	18.70	19.65	20.43	22.21	23.15	22.88	23.83	24.61
	12H	18.01	18.91	18.69	19.58	20.39	22.26	23.15	22.94	23.83	24.64
4H	2H	18.24	19.30	18.89	19.95	20.71	20.44	21.51	21.09	22.16	22.92
	3H	19.30	20.19	19.96	20.88	21.66	21.98	22.87	22.64	23.56	24.34
	4H	19.59	20.40	20.27	21.09	21.90	22.52	23.33	23.20	24.02	24.83
	6H	19.74	20.44	20.44	21.16	21.98	22.91	23.61	23.61	24.33	25.15
	8H	19.76	20.41	20.46	21.12	21.96	23.02	23.68	23.73	24.39	25.23
	12H	19.74	20.33	20.47	21.07	21.91	23.10	23.69	23.83	24.43	25.26
8H	4H	20.08	20.73	20.78	21.45	22.28	22.68	23.33	23.39	24.05	24.88
	6H	20.36	20.90	21.09	21.65	22.49	23.13	23.67	23.87	24.43	25.27
	8H	20.40	20.89	21.15	21.64	22.50	23.29	23.77	24.04	24.53	25.38
	12H	20.40	20.83	21.15	21.58	22.49	23.40	23.83	24.15	24.58	25.49
12H	4H	20.10	20.69	20.83	21.43	22.27	22.66	23.25	23.39	23.99	24.83
	6H	20.42	20.90	21.17	21.66	22.51	23.13	23.62	23.88	24.38	25.23
	8H	20.50	20.93	21.25	21.68	22.59	23.31	23.74	24.06	24.49	25.40