

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: P934188

Luminaire Tested: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-6-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934188
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-W2A-W-6-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

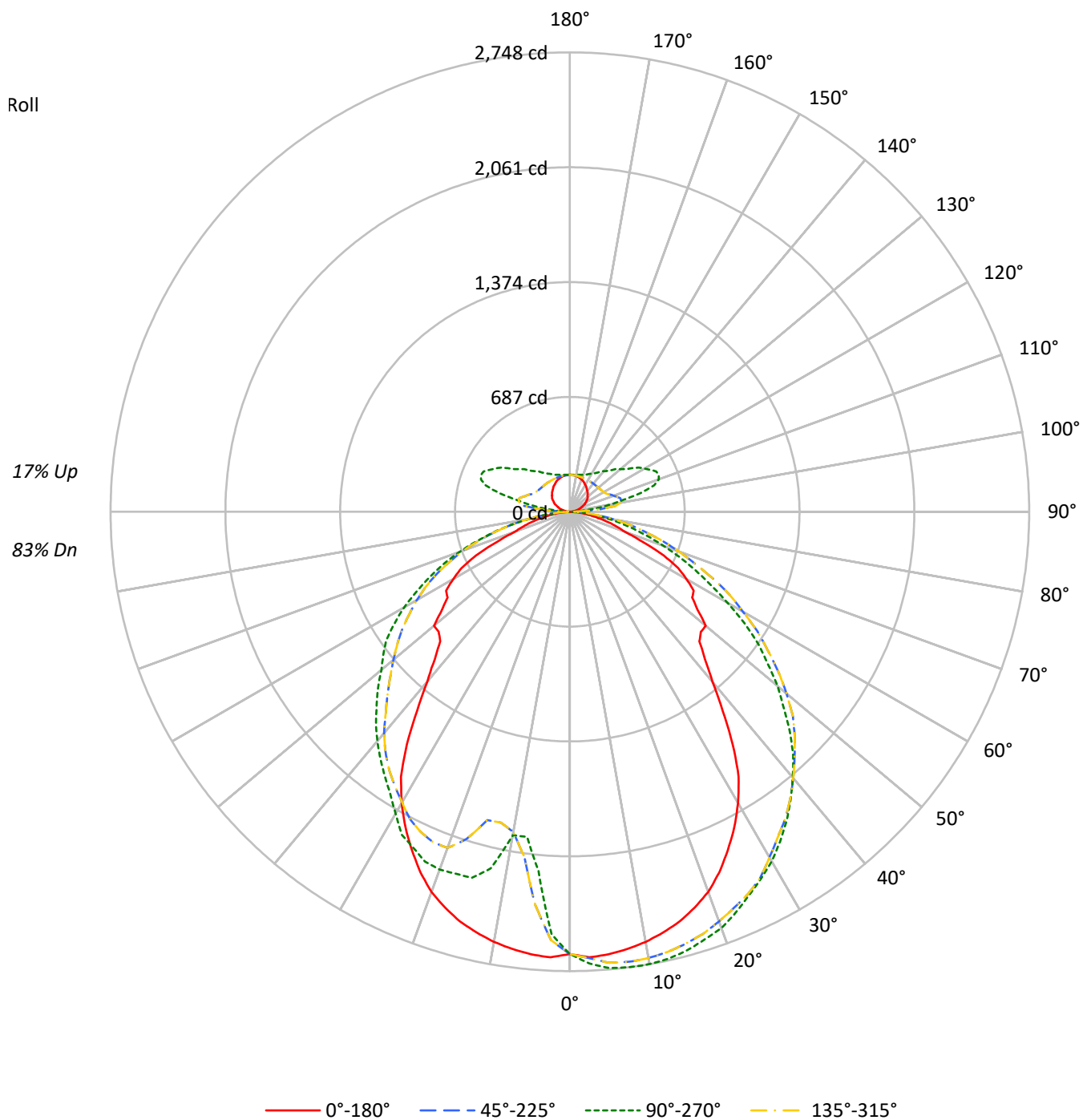
Lumens per Lamp: N/A
Luminaire Lumens: 8290.3 lumens
Efficiency: N/A
Efficacy: 111.4 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 74.4
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



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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
RCR																				
0	115	115	115	115	110	110	110	110	102	102	102	94	94	94	86	86	86	83		
1	105	101	97	93	101	97	93	90	89	87	84	83	80	78	76	75	73	70		
2	96	88	82	76	92	85	79	74	78	74	70	73	69	66	67	64	62	59		
3	88	78	70	64	84	75	68	62	69	63	59	64	60	56	60	56	52	50		
4	80	69	60	54	77	66	59	53	62	55	50	57	52	48	53	49	45	43		
5	74	61	53	46	70	59	51	45	55	49	43	52	46	41	48	43	39	37		
6	68	55	47	40	65	53	45	40	50	43	38	47	41	36	44	39	35	32		
7	63	50	42	36	60	48	41	35	45	39	34	42	37	32	40	35	31	29		
8	59	46	37	32	56	44	36	31	41	35	30	39	33	29	37	31	28	26		
9	55	42	34	28	52	40	33	28	38	32	27	36	30	26	34	29	25	23		
10	51	38	31	26	49	37	30	25	35	29	24	33	28	24	31	26	23	21		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16364	16364	16364	16364
5°	16480	16518	16480	12988
10°	16364	16272	16364	11633
15°	16180	15919	16180	13292
20°	15835	15502	15835	13321
25°	15136	14892	15136	13038
30°	14235	14387	14235	12419
35°	12685	13747	12685	11737
40°	10564	12994	10564	11223
45°	9432	12113	9432	10631
50°	10013	11061	10013	10037
55°	9412	9928	9412	9694
60°	9691	8432	9691	8878
65°	8772	6970	8772	7792
70°	6058	5555	6058	6531
75°	5295	4106	5295	4917
80°	4238	2714	4238	2955
85°	2385	1438	2385	1222

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 14466 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	238.8	2.9
10°-20°	678.0	8.2
20°-30°	1048.0	12.6
30°-40°	1251.1	15.1
40°-50°	1258.4	15.2
50°-60°	1095.0	13.2
60°-70°	776.4	9.4
70°-80°	410.7	5.0
80°-90°	103.1	1.2
90°-100°	107.6	1.3
100°-110°	282.9	3.4
110°-120°	293.3	3.5
120°-130°	235.3	2.8
130°-140°	184.6	2.2
140°-150°	141.7	1.7
150°-160°	102.0	1.2
160°-170°	62.4	0.8
170°-180°	21.1	0.3
0°-30°	1964.7	23.7
0°-40°	3215.8	38.8
0°-60°	5569.2	67.2
0°-90°	6859.5	82.7
90°-120°	683.7	8.2
90°-150°	1245.2	15.0
90°-180°	1431.0	17.3
0°-180°	8290.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2645	2645	2645	2645	2645	
5°	2658	2740	2658	2155	2658	252
15°	2538	2715	2538	2267	2538	714
25°	2235	2533	2235	2217	2235	1026
35°	1699	2260	1699	1930	1699	1051
45°	1096	1862	1096	1634	1096	878
55°	893	1374	893	1341	893	821
65°	621	828	621	926	621	593
75°	235	393	235	470	235	247
85°	40	100	40	85	40	54
90°	2	6	2	6	2	3
95°	14	65	14	65	14	16
105°	51	443	51	443	51	54
115°	90	570	90	570	90	89
125°	126	454	126	454	126	112
135°	150	352	150	352	150	116
145°	174	286	174	286	174	109
155°	197	246	197	246	197	90
165°	212	229	212	229	212	60
175°	221	222	221	222	221	21
180°	221	221	221	221	221	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2
2.5°	2667.7	2667.7	2682.8	2687.7	2687.7	2680.2	2672.8	2680.2	2702.8	2710.3	2707.8
5°	2657.8	2677.8	2705.3	2710.3	2715.3	2712.8	2707.8	2712.8	2737.8	2742.9	2745.3
7.5°	2637.7	2675.2	2710.3	2717.8	2725.3	2717.8	2715.3	2720.3	2745.3	2750.3	2750.3
10°	2612.7	2665.3	2705.3	2710.3	2717.8	2710.3	2710.3	2720.3	2745.3	2750.3	2752.8
12.5°	2577.7	2650.3	2687.7	2692.8	2702.8	2700.3	2697.8	2707.8	2732.8	2737.8	2737.8
15°	2537.7	2622.7	2657.8	2662.8	2680.2	2675.2	2675.2	2685.3	2712.8	2720.3	2717.8
17.5°	2482.6	2587.7	2627.7	2635.2	2647.7	2645.2	2647.7	2657.8	2682.8	2687.7	2690.3
20°	2420.0	2540.1	2587.7	2595.2	2607.7	2607.7	2607.7	2620.2	2645.2	2655.2	2655.2
22.5°	2334.9	2490.0	2540.1	2545.2	2560.1	2560.1	2565.2	2582.6	2605.2	2607.7	2607.7
25°	2234.8	2435.0	2477.5	2492.6	2507.6	2515.1	2522.6	2532.6	2540.1	2537.7	2540.1
27.5°	2129.7	2364.9	2420.0	2430.0	2450.0	2457.5	2467.6	2470.0	2472.6	2480.1	2475.1
30°	2012.0	2267.3	2349.9	2359.9	2392.4	2397.5	2387.5	2392.4	2405.0	2410.0	2415.0
32.5°	1879.4	2122.2	2277.4	2299.8	2329.9	2314.9	2312.4	2319.9	2339.9	2339.9	2344.9
35°	1699.3	2009.6	2209.8	2229.8	2252.3	2234.8	2244.8	2247.3	2259.8	2267.3	2264.8
37.5°	1501.6	1912.0	2139.7	2154.7	2172.3	2149.7	2164.8	2172.3	2182.2	2177.3	2177.3
40°	1326.4	1759.3	2057.1	2067.1	2082.1	2064.6	2079.7	2084.7	2089.6	2084.7	2082.1
42.5°	1196.2	1591.6	1969.5	1982.1	1972.0	1984.5	1989.6	1999.6	1992.0	1982.1	1982.1
45°	1096.1	1546.6	1874.4	1889.5	1874.4	1894.5	1902.0	1902.0	1879.4	1874.4	1871.9
47.5°	1063.6	1456.5	1779.3	1779.3	1771.8	1796.9	1809.4	1791.9	1769.3	1761.8	1761.8
50°	1061.1	1356.4	1649.2	1639.2	1674.2	1704.3	1691.8	1674.2	1656.7	1629.2	1629.2
52.5°	963.5	1233.8	1481.6	1519.0	1574.1	1591.6	1571.6	1554.1	1524.1	1511.5	1501.6
55°	893.4	1106.1	1328.8	1404.0	1461.5	1484.0	1446.5	1429.0	1383.9	1376.5	1371.4
57.5°	878.4	920.9	1188.7	1283.9	1353.9	1351.4	1328.8	1296.3	1258.8	1251.3	1248.8
60°	805.9	665.6	1038.6	1151.2	1223.7	1216.2	1196.2	1166.2	1131.1	1126.2	1121.2
62.5°	730.7	483.0	868.4	996.1	1098.6	1096.1	1078.6	1033.5	1008.6	996.1	986.0
65°	620.7	405.4	618.1	828.3	976.0	981.0	943.5	911.0	883.5	868.4	865.9
67.5°	473.0	330.3	418.0	690.7	858.4	853.4	805.9	790.8	755.8	748.3	733.3
70°	350.3	220.3	290.3	560.5	743.2	730.7	693.3	675.7	643.2	625.6	615.7
72.5°	290.3	177.7	212.7	435.4	625.6	610.6	578.1	558.1	530.6	515.6	505.5
75°	235.3	187.7	162.7	322.8	508.0	498.0	468.0	447.9	425.5	405.4	407.9
77.5°	172.6	175.2	130.2	237.7	402.9	387.9	370.3	345.4	335.3	315.3	315.3
80°	130.2	137.6	97.6	162.7	290.3	290.3	275.3	257.7	240.3	230.2	230.2
82.5°	87.6	87.6	72.6	102.6	197.7	190.2	180.1	175.2	165.2	160.1	160.1
85°	40.0	50.1	45.1	62.6	107.6	112.6	112.6	107.6	105.1	100.1	102.6
87.5°	12.5	22.5	27.5	35.0	55.0	57.6	60.0	60.0	60.0	62.6	62.6
90°	1.5	2.7	3.8	4.1	6.5	9.7	11.2	10.0	7.5	5.6	5.6
92.5°	5.9	16.0	26.0	28.6	40.2	55.7	63.4	55.5	39.8	28.1	27.0
95°	14.2	32.6	51.1	55.7	98.9	156.5	185.3	165.4	125.4	95.5	92.2
97.5°	24.6	40.8	57.1	61.1	133.2	229.2	277.3	264.6	239.5	220.6	214.2
100°	32.6	47.3	62.1	65.8	145.7	252.3	305.6	306.4	308.3	309.7	302.0
102.5°	39.4	53.2	66.9	70.4	151.4	259.5	313.5	329.6	361.8	385.9	379.3
105°	51.0	62.6	74.2	77.2	155.7	260.3	312.7	348.6	420.7	474.8	471.2
107.5°	62.8	73.7	84.5	87.3	156.5	248.8	294.9	345.2	445.7	521.0	521.9
110°	70.8	80.7	90.4	92.9	155.3	238.5	280.1	336.3	448.6	532.8	536.5

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	78.7	88.0	97.3	99.7	155.3	229.5	266.6	324.1	439.1	525.2	530.9
115°	90.5	99.2	107.8	109.9	156.8	219.2	250.4	305.9	416.6	499.6	507.5
117.5°	102.2	110.0	117.8	119.8	159.6	212.8	239.4	289.4	389.3	464.2	472.9
120°	109.1	116.4	123.7	125.6	162.1	210.7	235.0	280.6	371.9	440.4	448.9
122.5°	115.7	123.2	130.5	132.4	165.5	209.5	231.5	272.6	354.9	416.6	425.0
125°	125.9	132.7	139.5	141.2	170.1	208.6	227.9	262.8	332.7	385.0	392.7
127.5°	134.2	141.0	147.9	149.6	174.6	208.0	224.7	254.7	314.7	359.7	366.2
130°	138.6	146.0	153.3	155.2	178.0	208.3	223.5	250.2	303.6	343.6	349.6
132.5°	143.3	150.7	158.0	159.8	180.7	208.6	222.5	246.4	294.2	330.0	335.3
135°	150.1	156.8	163.5	165.2	183.7	208.4	220.8	240.8	280.8	310.8	315.4
137.5°	157.1	163.7	170.3	172.0	188.1	209.7	220.5	237.4	271.2	296.6	300.3
140°	162.8	168.9	175.0	176.6	190.9	209.9	219.4	234.0	263.3	285.2	288.7
142.5°	167.2	172.8	178.6	179.9	193.1	210.6	219.4	232.2	257.9	277.2	280.2
145°	174.0	179.0	183.9	185.2	196.1	210.6	217.9	228.4	249.4	265.1	267.4
147.5°	180.8	185.7	190.5	191.7	200.5	212.1	217.9	226.2	242.7	255.1	257.0
150°	185.3	189.6	194.0	195.1	202.7	212.9	217.9	224.9	238.8	249.3	250.8
152.5°	189.9	193.2	196.5	197.3	204.2	213.4	217.9	223.8	235.8	244.7	245.9
155°	196.7	199.2	201.6	202.2	207.5	214.5	217.9	222.6	232.1	239.2	240.0
157.5°	201.7	204.1	206.5	207.1	210.7	215.5	217.9	221.6	228.9	234.5	235.1
160°	205.2	207.1	208.8	209.3	212.2	216.0	217.9	221.1	227.4	232.1	232.4
162.5°	208.5	209.9	211.3	211.7	213.8	216.5	217.9	220.6	225.9	229.9	230.2
165°	212.3	213.5	214.8	215.0	216.0	217.3	217.9	219.8	223.6	226.5	226.8
167.5°	215.6	216.2	216.8	217.0	217.8	218.9	219.4	220.7	223.1	225.0	225.1
170°	217.9	218.5	219.1	219.2	219.3	219.4	219.4	220.7	223.1	225.0	225.0
172.5°	219.1	219.2	219.4	219.4	219.4	219.4	219.4	220.4	222.3	223.8	223.7
175°	220.8	220.8	220.8	220.8	220.3	219.7	219.4	220.0	221.3	222.2	222.2
177.5°	220.8	220.8	220.8	220.8	220.4	219.9	219.7	220.2	221.2	221.9	221.8
180°	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2
2.5°	2712.8	2705.3	2712.8	2707.8	2710.3	2702.8	2680.2	2672.8	2680.2	2687.7	2687.7
5°	2745.3	2740.3	2745.3	2745.3	2742.9	2737.8	2712.8	2707.8	2712.8	2715.3	2710.3
7.5°	2755.4	2747.9	2755.4	2750.3	2750.3	2745.3	2720.3	2715.3	2717.8	2725.3	2717.8
10°	2755.4	2747.9	2755.4	2752.8	2750.3	2745.3	2720.3	2710.3	2710.3	2717.8	2710.3
12.5°	2742.9	2737.8	2742.9	2737.8	2737.8	2732.8	2707.8	2697.8	2700.3	2702.8	2692.8
15°	2722.8	2715.3	2722.8	2717.8	2720.3	2712.8	2685.3	2675.2	2675.2	2680.2	2662.8
17.5°	2692.8	2682.8	2692.8	2690.3	2687.7	2682.8	2657.8	2647.7	2645.2	2647.7	2635.2
20°	2657.8	2650.3	2657.8	2655.2	2655.2	2645.2	2620.2	2607.7	2607.7	2607.7	2595.2
22.5°	2602.6	2595.2	2602.6	2607.7	2607.7	2605.2	2582.6	2565.2	2560.1	2560.1	2545.2
25°	2540.1	2532.6	2540.1	2540.1	2537.7	2540.1	2532.6	2522.6	2515.1	2507.6	2492.6
27.5°	2480.1	2475.1	2480.1	2475.1	2480.1	2472.6	2470.0	2467.6	2457.5	2450.0	2430.0
30°	2420.0	2415.0	2420.0	2415.0	2410.0	2405.0	2392.4	2387.5	2397.5	2392.4	2359.9
32.5°	2344.9	2339.9	2344.9	2344.9	2339.9	2339.9	2319.9	2312.4	2314.9	2329.9	2299.8
35°	2267.3	2259.8	2267.3	2264.8	2267.3	2259.8	2247.3	2244.8	2234.8	2252.3	2229.8
37.5°	2177.3	2169.7	2177.3	2177.3	2177.3	2182.2	2172.3	2164.8	2149.7	2172.3	2154.7
40°	2084.7	2074.6	2084.7	2082.1	2084.7	2089.6	2084.7	2079.7	2064.6	2082.1	2067.1
42.5°	1979.6	1977.0	1979.6	1982.1	1982.1	1992.0	1999.6	1989.6	1984.5	1972.0	1982.1
45°	1866.9	1862.0	1866.9	1871.9	1874.4	1879.4	1902.0	1902.0	1894.5	1874.4	1889.5
47.5°	1746.8	1734.3	1746.8	1761.8	1761.8	1769.3	1791.9	1809.4	1796.9	1771.8	1779.3
50°	1619.2	1621.7	1619.2	1629.2	1629.2	1656.7	1674.2	1691.8	1704.3	1674.2	1639.2
52.5°	1494.1	1491.5	1494.1	1501.6	1511.5	1524.1	1554.1	1571.6	1591.6	1574.1	1519.0
55°	1368.9	1373.9	1368.9	1371.4	1376.5	1383.9	1429.0	1446.5	1484.0	1461.5	1404.0
57.5°	1243.7	1236.2	1243.7	1248.8	1251.3	1258.8	1296.3	1328.8	1351.4	1353.9	1283.9
60°	1098.6	1088.6	1098.6	1121.2	1126.2	1131.1	1166.2	1196.2	1216.2	1223.7	1151.2
62.5°	971.0	953.5	971.0	986.0	996.1	1008.6	1033.5	1078.6	1096.1	1098.6	996.1
65°	835.8	828.3	835.8	865.9	868.4	883.5	911.0	943.5	981.0	976.0	828.3
67.5°	713.3	713.3	713.3	733.3	748.3	755.8	790.8	805.9	853.4	858.4	690.7
70°	600.6	598.1	600.6	615.7	625.6	643.2	675.7	693.3	730.7	743.2	560.5
72.5°	493.0	490.5	493.0	505.5	515.6	530.6	558.1	578.1	610.6	625.6	435.4
75°	397.9	392.9	397.9	407.9	405.4	425.5	447.9	468.0	498.0	508.0	322.8
77.5°	305.4	305.4	305.4	315.3	315.3	335.3	345.4	370.3	387.9	402.9	237.7
80°	227.8	225.2	227.8	230.2	230.2	240.3	257.7	275.3	290.3	290.3	162.7
82.5°	160.1	155.2	160.1	160.1	160.1	165.2	175.2	180.1	190.2	197.7	102.6
85°	100.1	100.1	100.1	102.6	100.1	105.1	107.6	112.6	112.6	107.6	62.6
87.5°	65.1	62.6	65.1	62.6	62.6	60.0	60.0	60.0	57.6	55.0	35.0
90°	5.6	5.6	5.6	5.6	5.6	7.5	10.0	11.2	9.7	6.5	4.1
92.5°	22.5	18.0	22.5	27.0	28.1	39.8	55.5	63.4	55.7	40.2	28.6
95°	78.6	65.1	78.6	92.2	95.5	125.4	165.4	185.3	156.5	98.9	55.7
97.5°	188.3	162.5	188.3	214.2	220.6	239.5	264.6	277.3	229.2	133.2	61.1
100°	271.3	240.6	271.3	302.0	309.7	308.3	306.4	305.6	252.3	145.7	65.8
102.5°	353.0	326.7	353.0	379.3	385.9	361.8	329.6	313.5	259.5	151.4	70.4
105°	457.1	442.9	457.1	471.2	474.8	420.7	348.6	312.7	260.3	155.7	77.2
107.5°	525.2	528.7	525.2	521.9	521.0	445.7	345.2	294.9	248.8	156.5	87.3
110°	551.3	566.1	551.3	536.5	532.8	448.6	336.3	280.1	238.5	155.3	92.9

TEST NUMBER: P934188

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-6-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	553.5	576.2	553.5	530.9	525.2	439.1	324.1	266.6	229.5	155.3	99.7
115°	538.8	570.3	538.8	507.5	499.6	416.6	305.9	250.4	219.2	156.8	109.9
117.5°	507.8	542.6	507.8	472.9	464.2	389.3	289.4	239.4	212.8	159.6	119.8
120°	482.7	516.6	482.7	448.9	440.4	371.9	280.6	235.0	210.7	162.1	125.6
122.5°	458.3	491.6	458.3	425.0	416.6	354.9	272.6	231.5	209.5	165.5	132.4
125°	423.4	454.2	423.4	392.7	385.0	332.7	262.8	227.9	208.6	170.1	141.2
127.5°	392.1	418.1	392.1	366.2	359.7	314.7	254.7	224.7	208.0	174.6	149.6
130°	373.6	397.6	373.6	349.6	343.6	303.6	250.2	223.5	208.3	178.0	155.2
132.5°	356.8	378.3	356.8	335.3	330.0	294.2	246.4	222.5	208.6	180.7	159.8
135°	333.9	352.4	333.9	315.4	310.8	280.8	240.8	220.8	208.4	183.7	165.2
137.5°	315.5	330.6	315.5	300.3	296.6	271.2	237.4	220.5	209.7	188.1	172.0
140°	302.8	317.0	302.8	288.7	285.2	263.3	234.0	219.4	209.9	190.9	176.6
142.5°	292.3	304.6	292.3	280.2	277.2	257.9	232.2	219.4	210.6	193.1	179.9
145°	276.7	285.9	276.7	267.4	265.1	249.4	228.4	217.9	210.6	196.1	185.2
147.5°	264.6	272.2	264.6	257.0	255.1	242.7	226.2	217.9	212.1	200.5	191.7
150°	257.1	263.3	257.1	250.8	249.3	238.8	224.9	217.9	212.9	202.7	195.1
152.5°	250.5	255.3	250.5	245.9	244.7	235.8	223.8	217.9	213.4	204.2	197.3
155°	243.0	246.2	243.0	240.0	239.2	232.1	222.6	217.9	214.5	207.5	202.2
157.5°	237.2	239.4	237.2	235.1	234.5	228.9	221.6	217.9	215.5	210.7	207.1
160°	233.7	235.0	233.7	232.4	232.1	227.4	221.1	217.9	216.0	212.2	209.3
162.5°	231.4	232.6	231.4	230.2	229.9	225.9	220.6	217.9	216.5	213.8	211.7
165°	228.1	229.3	228.1	226.8	226.5	223.6	219.8	217.9	217.3	216.0	215.0
167.5°	225.7	226.2	225.7	225.1	225.0	223.1	220.7	219.4	218.9	217.8	217.0
170°	225.0	225.0	225.0	225.0	225.0	223.1	220.7	219.4	219.4	219.3	219.2
172.5°	223.2	222.8	223.2	223.7	223.8	222.3	220.4	219.4	219.4	219.4	219.4
175°	222.2	222.2	222.2	222.2	222.2	221.3	220.0	219.4	219.7	220.3	220.8
177.5°	221.3	220.8	221.3	221.8	221.9	221.2	220.2	219.7	219.9	220.4	220.8
180°	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8

TEST NUMBER: P934188

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-6-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2
2.5°	2682.8	2667.7	2667.7	2642.8	2632.7	2625.2	2612.7	2575.1	2565.2	2555.1	2570.1
5°	2705.3	2677.8	2657.8	2612.7	2575.1	2560.1	2512.6	2422.5	2362.5	2317.4	2292.4
7.5°	2710.3	2675.2	2637.7	2567.6	2477.5	2437.5	2292.4	2127.2	2082.1	2042.1	2017.1
10°	2705.3	2665.3	2612.7	2507.6	2294.9	2224.8	2079.7	1972.0	1944.5	1937.0	1944.5
12.5°	2687.7	2650.3	2577.7	2402.5	2104.7	2057.1	1972.0	1909.5	1904.5	1917.0	1984.5
15°	2657.8	2622.7	2537.7	2262.4	1999.6	1964.5	1904.5	1882.0	1909.5	1997.0	2199.8
17.5°	2627.7	2587.7	2482.6	2124.7	1919.4	1894.5	1851.9	1897.0	2052.2	2169.7	2237.3
20°	2587.7	2540.1	2420.0	2024.6	1862.0	1839.4	1819.4	2022.1	2139.7	2182.2	2219.8
22.5°	2540.1	2490.0	2334.9	1954.5	1801.8	1784.4	1796.9	2092.2	2139.7	2169.7	2202.2
25°	2477.5	2435.0	2234.8	1899.4	1754.3	1734.3	1781.8	2084.7	2112.2	2119.7	2184.8
27.5°	2420.0	2364.9	2129.7	1849.4	1696.7	1689.2	1794.3	2052.2	2072.2	2079.7	2149.7
30°	2349.9	2267.3	2012.0	1796.9	1636.7	1634.2	1796.9	2012.0	2007.1	2027.1	2097.1
32.5°	2277.4	2122.2	1879.4	1731.8	1579.2	1576.6	1779.3	1952.0	1947.1	1974.6	2027.1
35°	2209.8	2009.6	1699.3	1656.7	1506.5	1509.1	1736.8	1882.0	1884.4	1909.5	1942.0
37.5°	2139.7	1912.0	1501.6	1574.1	1436.5	1436.5	1679.3	1816.9	1811.9	1819.4	1864.4
40°	2057.1	1759.3	1326.4	1466.5	1371.4	1363.9	1609.2	1746.8	1729.2	1726.8	1789.4
42.5°	1969.5	1591.6	1196.2	1323.9	1296.3	1286.3	1524.1	1661.7	1629.2	1636.7	1716.7
45°	1874.4	1546.6	1096.1	1118.6	1218.8	1211.2	1431.5	1564.1	1541.6	1561.6	1644.2
47.5°	1779.3	1456.5	1063.6	928.4	1136.2	1133.7	1328.8	1469.0	1456.5	1476.5	1564.1
50°	1649.2	1356.4	1061.1	795.8	1043.6	1053.5	1206.3	1376.5	1376.5	1393.9	1486.5
52.5°	1481.6	1233.8	963.5	720.8	936.0	966.0	1098.6	1296.3	1301.3	1318.9	1401.4
55°	1328.8	1106.1	893.4	663.2	808.3	873.4	993.5	1213.8	1223.7	1241.3	1316.3
57.5°	1188.7	920.9	878.4	595.6	690.7	753.3	900.9	1133.7	1138.6	1153.7	1226.3
60°	1038.6	665.6	805.9	523.1	588.1	635.7	815.8	1038.6	1056.1	1066.1	1128.7
62.5°	868.4	483.0	730.7	473.0	538.1	548.0	745.8	948.4	971.0	978.5	1016.1
65°	618.1	405.4	620.7	430.5	485.5	488.0	670.7	855.8	875.9	888.4	916.0
67.5°	418.0	330.3	473.0	390.4	445.5	447.9	598.1	748.3	775.8	785.8	803.3
70°	290.3	220.3	350.3	347.9	400.4	405.4	520.5	650.7	675.7	683.2	693.3
72.5°	212.7	177.7	290.3	312.9	352.9	357.9	440.4	540.5	565.6	573.1	578.1
75°	162.7	187.7	235.3	272.8	300.3	302.8	360.4	440.4	458.0	463.0	465.5
77.5°	130.2	175.2	172.6	220.3	245.2	240.3	282.8	340.4	355.4	355.4	355.4
80°	97.6	137.6	130.2	157.7	180.1	175.2	202.7	242.8	247.8	252.7	250.2
82.5°	72.6	87.6	87.6	100.1	120.1	115.2	135.2	157.7	157.7	157.7	162.7
85°	45.1	50.1	40.0	52.6	67.5	65.1	75.0	85.1	87.6	87.6	82.6
87.5°	27.5	22.5	12.5	20.0	30.1	30.1	35.0	37.6	35.0	35.0	35.0
90°	3.8	2.7	1.5	2.7	3.8	4.1	6.5	9.7	11.2	10.0	7.5
92.5°	26.0	16.0	5.9	16.0	26.0	28.6	40.2	55.7	63.4	55.5	39.8
95°	51.1	32.6	14.2	32.6	51.1	55.7	98.9	156.5	185.3	165.4	125.4
97.5°	57.1	40.8	24.6	40.8	57.1	61.1	133.2	229.2	277.3	264.6	239.5
100°	62.1	47.3	32.6	47.3	62.1	65.8	145.7	252.3	305.6	306.4	308.3
102.5°	66.9	53.2	39.4	53.2	66.9	70.4	151.4	259.5	313.5	329.6	361.8
105°	74.2	62.6	51.0	62.6	74.2	77.2	155.7	260.3	312.7	348.6	420.7
107.5°	84.5	73.7	62.8	73.7	84.5	87.3	156.5	248.8	294.9	345.2	445.7
110°	90.4	80.7	70.8	80.7	90.4	92.9	155.3	238.5	280.1	336.3	448.6

TEST NUMBER: P934188

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-6-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	97.3	88.0	78.7	88.0	97.3	99.7	155.3	229.5	266.6	324.1	439.1
115°	107.8	99.2	90.5	99.2	107.8	109.9	156.8	219.2	250.4	305.9	416.6
117.5°	117.8	110.0	102.2	110.0	117.8	119.8	159.6	212.8	239.4	289.4	389.3
120°	123.7	116.4	109.1	116.4	123.7	125.6	162.1	210.7	235.0	280.6	371.9
122.5°	130.5	123.2	115.7	123.2	130.5	132.4	165.5	209.5	231.5	272.6	354.9
125°	139.5	132.7	125.9	132.7	139.5	141.2	170.1	208.6	227.9	262.8	332.7
127.5°	147.9	141.0	134.2	141.0	147.9	149.6	174.6	208.0	224.7	254.7	314.7
130°	153.3	146.0	138.6	146.0	153.3	155.2	178.0	208.3	223.5	250.2	303.6
132.5°	158.0	150.7	143.3	150.7	158.0	159.8	180.7	208.6	222.5	246.4	294.2
135°	163.5	156.8	150.1	156.8	163.5	165.2	183.7	208.4	220.8	240.8	280.8
137.5°	170.3	163.7	157.1	163.7	170.3	172.0	188.1	209.7	220.5	237.4	271.2
140°	175.0	168.9	162.8	168.9	175.0	176.6	190.9	209.9	219.4	234.0	263.3
142.5°	178.6	172.8	167.2	172.8	178.6	179.9	193.1	210.6	219.4	232.2	257.9
145°	183.9	179.0	174.0	179.0	183.9	185.2	196.1	210.6	217.9	228.4	249.4
147.5°	190.5	185.7	180.8	185.7	190.5	191.7	200.5	212.1	217.9	226.2	242.7
150°	194.0	189.6	185.3	189.6	194.0	195.1	202.7	212.9	217.9	224.9	238.8
152.5°	196.5	193.2	189.9	193.2	196.5	197.3	204.2	213.4	217.9	223.8	235.8
155°	201.6	199.2	196.7	199.2	201.6	202.2	207.5	214.5	217.9	222.6	232.1
157.5°	206.5	204.1	201.7	204.1	206.5	207.1	210.7	215.5	217.9	221.6	228.9
160°	208.8	207.1	205.2	207.1	208.8	209.3	212.2	216.0	217.9	221.1	227.4
162.5°	211.3	209.9	208.5	209.9	211.3	211.7	213.8	216.5	217.9	220.6	225.9
165°	214.8	213.5	212.3	213.5	214.8	215.0	216.0	217.3	217.9	219.8	223.6
167.5°	216.8	216.2	215.6	216.2	216.8	217.0	217.8	218.9	219.4	220.7	223.1
170°	219.1	218.5	217.9	218.5	219.1	219.2	219.3	219.4	219.4	220.7	223.1
172.5°	219.4	219.2	219.1	219.2	219.4	219.4	219.4	219.4	219.4	220.4	222.3
175°	220.8	220.8	220.8	220.8	220.8	220.8	220.3	219.7	219.4	220.0	221.3
177.5°	220.8	220.8	220.8	220.8	220.8	220.8	220.4	219.9	219.7	220.2	221.2
180°	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8

TEST NUMBER: P934188

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-6-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2
2.5°	2552.7	2545.2	2555.1	2527.6	2555.1	2545.2	2552.7	2570.1	2555.1	2565.2	2575.1
5°	2239.8	2227.3	2187.2	2154.7	2187.2	2227.3	2239.8	2292.4	2317.4	2362.5	2422.5
7.5°	2002.1	1992.0	1982.1	1962.0	1982.1	1992.0	2002.1	2017.1	2042.1	2082.1	2127.2
10°	1949.5	1952.0	1967.1	1964.5	1967.1	1952.0	1949.5	1944.5	1937.0	1944.5	1972.0
12.5°	2084.7	2107.2	2189.8	2184.8	2189.8	2107.2	2084.7	1984.5	1917.0	1904.5	1909.5
15°	2239.8	2247.3	2264.8	2267.3	2264.8	2247.3	2239.8	2199.8	1997.0	1909.5	1882.0
17.5°	2254.8	2257.3	2269.9	2269.9	2269.9	2257.3	2254.8	2237.3	2169.7	2052.2	1897.0
20°	2242.4	2247.3	2272.3	2277.4	2272.3	2247.3	2242.4	2219.8	2182.2	2139.7	2022.1
22.5°	2237.3	2247.3	2267.3	2264.8	2267.3	2247.3	2237.3	2202.2	2169.7	2139.7	2092.2
25°	2212.3	2212.3	2214.8	2217.3	2214.8	2212.3	2212.3	2184.8	2119.7	2112.2	2084.7
27.5°	2159.7	2164.8	2179.8	2177.3	2179.8	2164.8	2159.7	2149.7	2079.7	2072.2	2052.2
30°	2112.2	2107.2	2094.7	2084.7	2094.7	2107.2	2112.2	2097.1	2027.1	2007.1	2012.0
32.5°	2032.1	2019.6	2007.1	1999.6	2007.1	2019.6	2032.1	2027.1	1974.6	1947.1	1952.0
35°	1937.0	1939.5	1937.0	1929.5	1937.0	1939.5	1937.0	1942.0	1909.5	1884.4	1882.0
37.5°	1869.5	1874.4	1871.9	1862.0	1871.9	1874.4	1869.5	1864.4	1819.4	1811.9	1816.9
40°	1799.4	1801.8	1799.4	1791.9	1799.4	1801.8	1799.4	1789.4	1726.8	1729.2	1746.8
42.5°	1731.8	1729.2	1721.8	1716.7	1721.8	1729.2	1731.8	1716.7	1636.7	1629.2	1661.7
45°	1654.2	1656.7	1641.7	1634.2	1641.7	1656.7	1654.2	1644.2	1561.6	1541.6	1564.1
47.5°	1576.6	1576.6	1564.1	1556.6	1564.1	1576.6	1576.6	1564.1	1476.5	1456.5	1469.0
50°	1494.1	1491.5	1474.1	1471.5	1474.1	1491.5	1494.1	1486.5	1393.9	1376.5	1376.5
52.5°	1398.9	1398.9	1401.4	1406.4	1401.4	1398.9	1398.9	1401.4	1318.9	1301.3	1296.3
55°	1316.3	1318.9	1336.4	1341.4	1336.4	1318.9	1316.3	1316.3	1241.3	1223.7	1213.8
57.5°	1231.3	1231.3	1243.7	1243.7	1243.7	1231.3	1231.3	1226.3	1153.7	1138.6	1133.7
60°	1133.7	1138.6	1148.7	1146.2	1148.7	1138.6	1133.7	1128.7	1066.1	1056.1	1038.6
62.5°	1031.1	1036.1	1038.6	1033.5	1038.6	1036.1	1031.1	1016.1	978.5	971.0	948.4
65°	923.5	928.4	931.0	926.0	931.0	928.4	923.5	916.0	888.4	875.9	855.8
67.5°	813.4	810.8	808.3	818.4	808.3	810.8	813.4	803.3	785.8	775.8	748.3
70°	700.8	700.8	698.2	703.2	698.2	700.8	700.8	693.3	683.2	675.7	650.7
72.5°	580.6	578.1	588.1	580.6	588.1	578.1	580.6	578.1	573.1	565.6	540.5
75°	463.0	468.0	463.0	470.5	463.0	468.0	463.0	465.5	463.0	458.0	440.4
77.5°	352.9	357.9	352.9	352.9	352.9	357.9	352.9	355.4	355.4	355.4	340.4
80°	250.2	247.8	247.8	245.2	247.8	247.8	250.2	250.2	252.7	247.8	242.8
82.5°	160.1	157.7	157.7	162.7	157.7	157.7	160.1	162.7	157.7	157.7	157.7
85°	87.6	90.1	85.1	85.1	85.1	90.1	87.6	82.6	87.6	87.6	85.1
87.5°	32.5	30.1	30.1	30.1	30.1	30.1	32.5	35.0	35.0	35.0	37.6
90°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	7.5	10.0	11.2	9.7
92.5°	28.1	27.0	22.5	18.0	22.5	27.0	28.1	39.8	55.5	63.4	55.7
95°	95.5	92.2	78.6	65.1	78.6	92.2	95.5	125.4	165.4	185.3	156.5
97.5°	220.6	214.2	188.3	162.5	188.3	214.2	220.6	239.5	264.6	277.3	229.2
100°	309.7	302.0	271.3	240.6	271.3	302.0	309.7	308.3	306.4	305.6	252.3
102.5°	385.9	379.3	353.0	326.7	353.0	379.3	385.9	361.8	329.6	313.5	259.5
105°	474.8	471.2	457.1	442.9	457.1	471.2	474.8	420.7	348.6	312.7	260.3
107.5°	521.0	521.9	525.2	528.7	525.2	521.9	521.0	445.7	345.2	294.9	248.8
110°	532.8	536.5	551.3	566.1	551.3	536.5	532.8	448.6	336.3	280.1	238.5

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	525.2	530.9	553.5	576.2	553.5	530.9	525.2	439.1	324.1	266.6	229.5
115°	499.6	507.5	538.8	570.3	538.8	507.5	499.6	416.6	305.9	250.4	219.2
117.5°	464.2	472.9	507.8	542.6	507.8	472.9	464.2	389.3	289.4	239.4	212.8
120°	440.4	448.9	482.7	516.6	482.7	448.9	440.4	371.9	280.6	235.0	210.7
122.5°	416.6	425.0	458.3	491.6	458.3	425.0	416.6	354.9	272.6	231.5	209.5
125°	385.0	392.7	423.4	454.2	423.4	392.7	385.0	332.7	262.8	227.9	208.6
127.5°	359.7	366.2	392.1	418.1	392.1	366.2	359.7	314.7	254.7	224.7	208.0
130°	343.6	349.6	373.6	397.6	373.6	349.6	343.6	303.6	250.2	223.5	208.3
132.5°	330.0	335.3	356.8	378.3	356.8	335.3	330.0	294.2	246.4	222.5	208.6
135°	310.8	315.4	333.9	352.4	333.9	315.4	310.8	280.8	240.8	220.8	208.4
137.5°	296.6	300.3	315.5	330.6	315.5	300.3	296.6	271.2	237.4	220.5	209.7
140°	285.2	288.7	302.8	317.0	302.8	288.7	285.2	263.3	234.0	219.4	209.9
142.5°	277.2	280.2	292.3	304.6	292.3	280.2	277.2	257.9	232.2	219.4	210.6
145°	265.1	267.4	276.7	285.9	276.7	267.4	265.1	249.4	228.4	217.9	210.6
147.5°	255.1	257.0	264.6	272.2	264.6	257.0	255.1	242.7	226.2	217.9	212.1
150°	249.3	250.8	257.1	263.3	257.1	250.8	249.3	238.8	224.9	217.9	212.9
152.5°	244.7	245.9	250.5	255.3	250.5	245.9	244.7	235.8	223.8	217.9	213.4
155°	239.2	240.0	243.0	246.2	243.0	240.0	239.2	232.1	222.6	217.9	214.5
157.5°	234.5	235.1	237.2	239.4	237.2	235.1	234.5	228.9	221.6	217.9	215.5
160°	232.1	232.4	233.7	235.0	233.7	232.4	232.1	227.4	221.1	217.9	216.0
162.5°	229.9	230.2	231.4	232.6	231.4	230.2	229.9	225.9	220.6	217.9	216.5
165°	226.5	226.8	228.1	229.3	228.1	226.8	226.5	223.6	219.8	217.9	217.3
167.5°	225.0	225.1	225.7	226.2	225.7	225.1	225.0	223.1	220.7	219.4	218.9
170°	225.0	225.0	225.0	225.0	225.0	225.0	225.0	223.1	220.7	219.4	219.4
172.5°	223.8	223.7	223.2	222.8	223.2	223.7	223.8	222.3	220.4	219.4	219.4
175°	222.2	222.2	222.2	222.2	222.2	222.2	222.2	221.3	220.0	219.4	219.7
177.5°	221.9	221.8	221.3	220.8	221.3	221.8	221.9	221.2	220.2	219.7	219.9
180°	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8

TEST NUMBER: P934188

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-6-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2645.2	2645.2	2645.2	2645.2	2645.2
2.5°	2612.7	2625.2	2632.7	2642.8	2667.7
5°	2512.6	2560.1	2575.1	2612.7	2657.8
7.5°	2292.4	2437.5	2477.5	2567.6	2637.7
10°	2079.7	2224.8	2294.9	2507.6	2612.7
12.5°	1972.0	2057.1	2104.7	2402.5	2577.7
15°	1904.5	1964.5	1999.6	2262.4	2537.7
17.5°	1851.9	1894.5	1919.4	2124.7	2482.6
20°	1819.4	1839.4	1862.0	2024.6	2420.0
22.5°	1796.9	1784.4	1801.8	1954.5	2334.9
25°	1781.8	1734.3	1754.3	1899.4	2234.8
27.5°	1794.3	1689.2	1696.7	1849.4	2129.7
30°	1796.9	1634.2	1636.7	1796.9	2012.0
32.5°	1779.3	1576.6	1579.2	1731.8	1879.4
35°	1736.8	1509.1	1506.5	1656.7	1699.3
37.5°	1679.3	1436.5	1436.5	1574.1	1501.6
40°	1609.2	1363.9	1371.4	1466.5	1326.4
42.5°	1524.1	1286.3	1296.3	1323.9	1196.2
45°	1431.5	1211.2	1218.8	1118.6	1096.1
47.5°	1328.8	1133.7	1136.2	928.4	1063.6
50°	1206.3	1053.5	1043.6	795.8	1061.1
52.5°	1098.6	966.0	936.0	720.8	963.5
55°	993.5	873.4	808.3	663.2	893.4
57.5°	900.9	753.3	690.7	595.6	878.4
60°	815.8	635.7	588.1	523.1	805.9
62.5°	745.8	548.0	538.1	473.0	730.7
65°	670.7	488.0	485.5	430.5	620.7
67.5°	598.1	447.9	445.5	390.4	473.0
70°	520.5	405.4	400.4	347.9	350.3
72.5°	440.4	357.9	352.9	312.9	290.3
75°	360.4	302.8	300.3	272.8	235.3
77.5°	282.8	240.3	245.2	220.3	172.6
80°	202.7	175.2	180.1	157.7	130.2
82.5°	135.2	115.2	120.1	100.1	87.6
85°	75.0	65.1	67.5	52.6	40.0
87.5°	35.0	30.1	30.1	20.0	12.5
90°	6.5	4.1	3.8	2.7	1.5
92.5°	40.2	28.6	26.0	16.0	5.9
95°	98.9	55.7	51.1	32.6	14.2
97.5°	133.2	61.1	57.1	40.8	24.6
100°	145.7	65.8	62.1	47.3	32.6
102.5°	151.4	70.4	66.9	53.2	39.4
105°	155.7	77.2	74.2	62.6	51.0
107.5°	156.5	87.3	84.5	73.7	62.8
110°	155.3	92.9	90.4	80.7	70.8



TEST NUMBER: P934188

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-6-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	155.3	99.7	97.3	88.0	78.7
115°	156.8	109.9	107.8	99.2	90.5
117.5°	159.6	119.8	117.8	110.0	102.2
120°	162.1	125.6	123.7	116.4	109.1
122.5°	165.5	132.4	130.5	123.2	115.7
125°	170.1	141.2	139.5	132.7	125.9
127.5°	174.6	149.6	147.9	141.0	134.2
130°	178.0	155.2	153.3	146.0	138.6
132.5°	180.7	159.8	158.0	150.7	143.3
135°	183.7	165.2	163.5	156.8	150.1
137.5°	188.1	172.0	170.3	163.7	157.1
140°	190.9	176.6	175.0	168.9	162.8
142.5°	193.1	179.9	178.6	172.8	167.2
145°	196.1	185.2	183.9	179.0	174.0
147.5°	200.5	191.7	190.5	185.7	180.8
150°	202.7	195.1	194.0	189.6	185.3
152.5°	204.2	197.3	196.5	193.2	189.9
155°	207.5	202.2	201.6	199.2	196.7
157.5°	210.7	207.1	206.5	204.1	201.7
160°	212.2	209.3	208.8	207.1	205.2
162.5°	213.8	211.7	211.3	209.9	208.5
165°	216.0	215.0	214.8	213.5	212.3
167.5°	217.8	217.0	216.8	216.2	215.6
170°	219.3	219.2	219.1	218.5	217.9
172.5°	219.4	219.4	219.4	219.2	219.1
175°	220.3	220.8	220.8	220.8	220.8
177.5°	220.4	220.8	220.8	220.8	220.8
180°	220.8	220.8	220.8	220.8	220.8

TEST NUMBER: P934188

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-6-3000K

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	17.12	18.38	17.74	19.01	19.72	19.95	21.21	20.56	21.83	22.54
	3H	17.63	18.76	18.26	19.40	20.15	21.32	22.45	21.95	23.09	23.84
	4H	17.84	18.91	18.49	19.55	20.32	21.78	22.85	22.43	23.50	24.26
	6H	17.98	18.96	18.64	19.62	20.40	22.09	23.07	22.75	23.73	24.51
	8H	17.99	18.93	18.66	19.61	20.39	22.17	23.11	22.84	23.79	24.57
	12H	17.98	18.87	18.65	19.55	20.35	22.22	23.12	22.90	23.79	24.60
4H	2H	18.20	19.27	18.85	19.92	20.68	20.41	21.47	21.06	22.12	22.88
	3H	19.27	20.16	19.93	20.84	21.62	21.95	22.84	22.61	23.52	24.30
	4H	19.56	20.36	20.24	21.06	21.87	22.49	23.30	23.17	23.99	24.80
	6H	19.71	20.41	20.41	21.12	21.94	22.87	23.57	23.58	24.29	25.11
	8H	19.72	20.37	20.43	21.09	21.92	22.99	23.64	23.70	24.36	25.19
	12H	19.71	20.29	20.43	21.03	21.87	23.06	23.65	23.79	24.39	25.23
8H	4H	20.04	20.70	20.75	21.41	22.24	22.64	23.30	23.35	24.01	24.85
	6H	20.32	20.86	21.06	21.62	22.46	23.10	23.64	23.83	24.39	25.23
	8H	20.37	20.85	21.12	21.61	22.46	23.25	23.73	24.00	24.49	25.34
	12H	20.37	20.80	21.12	21.54	22.46	23.37	23.79	24.12	24.54	25.45
12H	4H	20.07	20.66	20.79	21.39	22.23	22.63	23.22	23.35	23.95	24.79
	6H	20.38	20.87	21.13	21.63	22.48	23.10	23.58	23.85	24.34	25.19
	8H	20.47	20.90	21.22	21.64	22.56	23.28	23.70	24.03	24.45	25.36