

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: P934191

Luminaire Tested: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-6-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934191
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-6-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

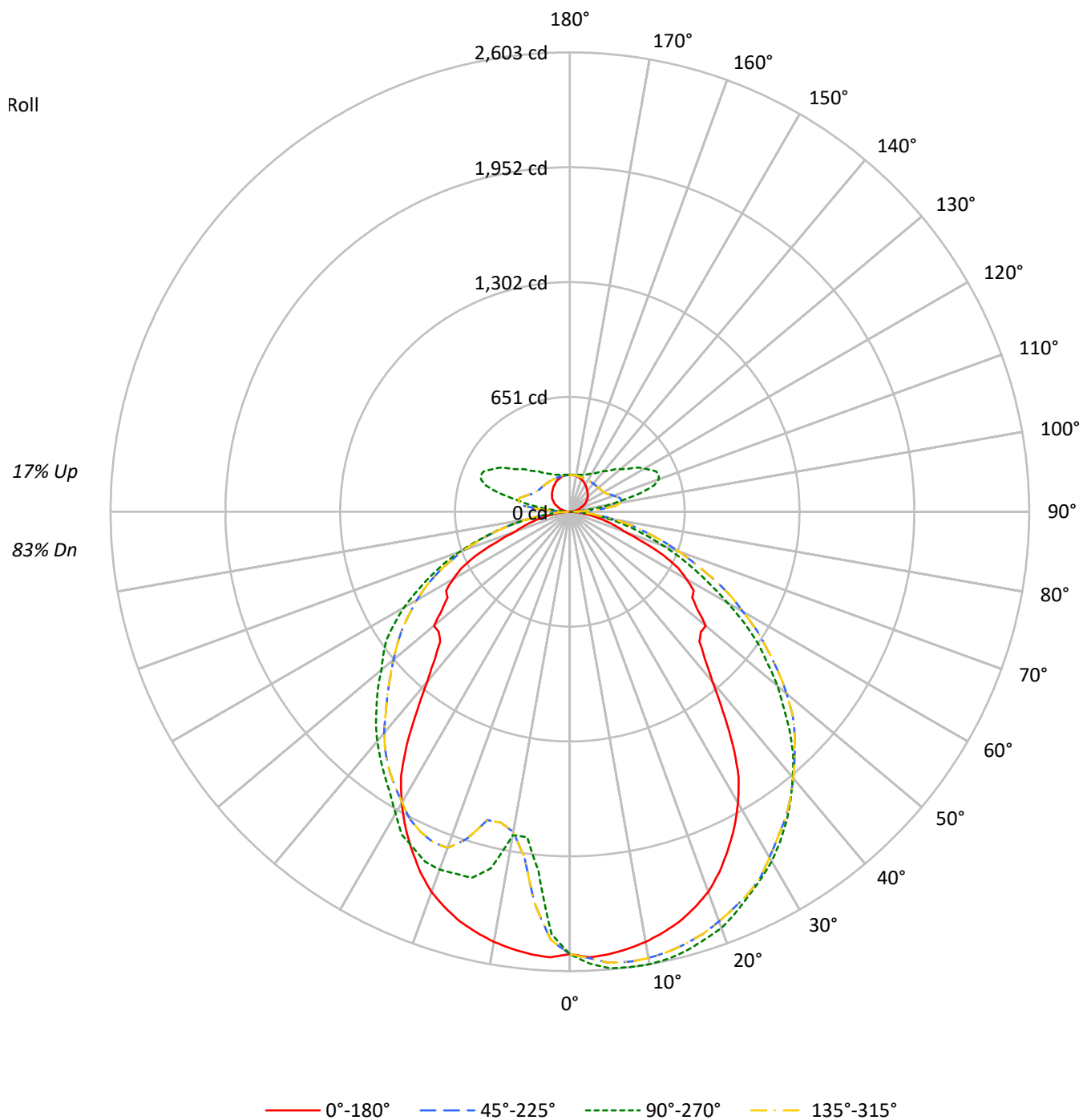
Lumens per Lamp: N/A
Luminaire Lumens: 7853.0 lumens
Efficiency: N/A
Efficacy: 105.6 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 74.4
Input Voltage (V): NR
Input Current (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°	15501	15501	15501	15501
5°	15611	15647	15611	12304
10°	15501	15414	15501	11019
15°	15326	15079	15326	12591
20°	15000	14684	15000	12618
25°	14338	14107	14338	12351
30°	13484	13628	13484	11764
35°	12016	13022	12016	11118
40°	10006	12308	10006	10631
45°	8935	11474	8935	10070
50°	9486	10478	9486	9508
55°	8915	9405	8915	9182
60°	9180	7988	9180	8411
65°	8310	6603	8310	7381
70°	5740	5262	5740	6187
75°	5016	3890	5016	4658
80°	4013	2571	4013	2800
85°	2260	1362	2260	1158

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 13702 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	226.2	2.9
10°-20°	642.2	8.2
20°-30°	992.7	12.6
30°-40°	1185.1	15.1
40°-50°	1192.1	15.2
50°-60°	1037.2	13.2
60°-70°	735.4	9.4
70°-80°	389.1	5.0
80°-90°	97.7	1.2
90°-100°	101.9	1.3
100°-110°	267.9	3.4
110°-120°	277.8	3.5
120°-130°	222.9	2.8
130°-140°	174.9	2.2
140°-150°	134.2	1.7
150°-160°	96.7	1.2
160°-170°	59.1	0.8
170°-180°	20.0	0.3
0°-30°	1861.1	23.7
0°-40°	3046.2	38.8
0°-60°	5275.5	67.2
0°-90°	6497.7	82.7
90°-120°	647.6	8.2
90°-150°	1179.6	15.0
90°-180°	1355.0	17.3
0°-180°	7853.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2506	2506	2506	2506	2506	
5°	2518	2596	2518	2041	2518	239
15°	2404	2572	2404	2148	2404	676
25°	2117	2399	2117	2100	2117	972
35°	1610	2141	1610	1828	1610	996
45°	1038	1764	1038	1548	1038	832
55°	846	1301	846	1271	846	778
65°	588	785	588	877	588	562
75°	223	372	223	446	223	234
85°	38	95	38	81	38	51
90°	1	5	1	5	1	3
95°	13	62	13	62	13	15
105°	48	420	48	420	48	51
115°	86	540	86	540	86	85
125°	119	430	119	430	119	106
135°	142	334	142	334	142	110
145°	165	271	165	271	165	103
155°	186	233	186	233	186	86
165°	201	217	201	217	201	57
175°	209	210	209	210	209	20
180°	209	209	209	209	209	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7
2.5°	2527.0	2527.0	2541.3	2546.0	2546.0	2538.9	2531.8	2538.9	2560.3	2567.4	2565.0
5°	2517.6	2536.6	2562.6	2567.4	2572.1	2569.7	2565.0	2569.7	2593.4	2598.2	2600.5
7.5°	2498.6	2534.1	2567.4	2574.5	2581.6	2574.5	2572.1	2576.8	2600.5	2605.3	2605.3
10°	2474.9	2524.7	2562.6	2567.4	2574.5	2567.4	2567.4	2576.8	2600.5	2605.3	2607.6
12.5°	2441.8	2510.5	2546.0	2550.8	2560.3	2557.9	2555.5	2565.0	2588.7	2593.4	2593.4
15°	2403.8	2484.3	2517.6	2522.4	2538.9	2534.1	2534.1	2543.7	2569.7	2576.8	2574.5
17.5°	2351.6	2451.2	2489.1	2496.2	2508.1	2505.7	2508.1	2517.6	2541.3	2546.0	2548.4
20°	2292.4	2406.2	2451.2	2458.3	2470.1	2470.1	2470.1	2482.0	2505.7	2515.2	2515.2
22.5°	2211.8	2358.7	2406.2	2410.9	2425.1	2425.1	2429.9	2446.4	2467.8	2470.1	2470.1
25°	2116.9	2306.6	2346.9	2361.2	2375.3	2382.4	2389.5	2399.1	2406.2	2403.8	2406.2
27.5°	2017.3	2240.2	2292.4	2301.8	2320.8	2327.9	2337.4	2339.8	2342.2	2349.3	2344.5
30°	1905.9	2147.7	2226.0	2235.4	2266.3	2271.0	2261.6	2266.3	2278.1	2282.9	2287.6
32.5°	1780.3	2010.2	2157.3	2178.6	2207.0	2192.8	2190.4	2197.5	2216.5	2216.5	2221.2
35°	1609.7	1903.6	2093.3	2112.2	2133.5	2116.9	2126.4	2128.8	2140.6	2147.7	2145.4
37.5°	1422.4	1811.1	2026.9	2041.1	2057.7	2036.3	2050.6	2057.7	2067.1	2062.5	2062.5
40°	1256.4	1666.5	1948.6	1958.1	1972.3	1955.7	1970.0	1974.8	1979.4	1974.8	1972.3
42.5°	1133.1	1507.7	1865.7	1877.5	1868.0	1879.9	1884.6	1894.2	1887.0	1877.5	1877.5
45°	1038.3	1465.1	1775.5	1789.8	1775.5	1794.6	1801.7	1801.7	1780.3	1775.5	1773.2
47.5°	1007.5	1379.7	1685.5	1685.5	1678.4	1702.1	1714.0	1697.4	1676.0	1668.9	1668.9
50°	1005.2	1284.9	1562.2	1552.8	1585.9	1614.4	1602.6	1585.9	1569.3	1543.2	1543.2
52.5°	912.7	1168.7	1403.4	1438.9	1491.1	1507.7	1488.7	1472.2	1443.7	1431.8	1422.4
55°	846.3	1047.8	1258.8	1329.9	1384.5	1405.8	1370.2	1353.6	1311.0	1303.9	1299.1
57.5°	832.1	872.4	1126.0	1216.2	1282.5	1280.1	1258.8	1227.9	1192.4	1185.3	1182.9
60°	763.4	630.5	983.8	1090.4	1159.2	1152.1	1133.1	1104.7	1071.5	1066.8	1062.1
62.5°	692.2	457.6	822.6	943.5	1040.7	1038.3	1021.7	979.0	955.4	943.5	934.0
65°	588.0	384.1	585.5	784.7	924.6	929.2	893.7	862.9	836.9	822.6	820.2
67.5°	448.0	312.9	395.9	654.3	813.1	808.4	763.4	749.1	715.9	708.8	694.6
70°	331.9	208.7	275.0	531.0	704.0	692.2	656.7	640.1	609.2	592.6	583.2
72.5°	275.0	168.3	201.5	412.5	592.6	578.4	547.6	528.6	502.6	488.4	478.9
75°	222.9	177.8	154.1	305.8	481.2	471.8	443.3	424.3	403.0	384.1	386.4
77.5°	163.5	166.0	123.3	225.2	381.6	367.4	350.8	327.2	317.7	298.7	298.7
80°	123.3	130.4	92.5	154.1	275.0	275.0	260.8	244.1	227.6	218.1	218.1
82.5°	82.9	82.9	68.7	97.2	187.3	180.2	170.6	166.0	156.4	151.7	151.7
85°	37.9	47.4	42.7	59.3	101.9	106.7	106.7	101.9	99.6	94.8	97.2
87.5°	11.9	21.3	26.1	33.2	52.1	54.5	56.9	56.9	56.9	59.3	59.3
90°	1.4	2.5	3.6	3.9	6.2	9.2	10.6	9.4	7.1	5.3	5.3
92.5°	5.6	15.1	24.7	27.1	38.1	52.8	60.1	52.6	37.7	26.6	25.6
95°	13.4	30.9	48.4	52.8	93.7	148.2	175.5	156.6	118.8	90.5	87.3
97.5°	23.3	38.7	54.1	57.9	126.2	217.2	262.6	250.7	226.9	208.9	202.9
100°	30.9	44.8	58.8	62.3	138.0	239.0	289.4	290.3	292.1	293.4	286.1
102.5°	37.4	50.4	63.4	66.7	143.5	245.8	297.0	312.2	342.7	365.6	359.3
105°	48.3	59.3	70.3	73.1	147.5	246.6	296.2	330.3	398.5	449.7	446.4
107.5°	59.5	69.8	80.0	82.7	148.2	235.6	279.4	327.0	422.2	493.5	494.4
110°	67.1	76.4	85.6	88.0	147.1	225.9	265.3	318.6	425.0	504.7	508.2

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	74.5	83.4	92.2	94.4	147.1	217.4	252.6	307.0	415.9	497.5	502.9
115°	85.7	94.0	102.1	104.1	148.5	207.6	237.2	289.7	394.6	473.3	480.7
117.5°	96.9	104.2	111.6	113.5	151.2	201.6	226.8	274.1	368.7	439.7	447.9
120°	103.3	110.3	117.2	119.0	153.5	199.6	222.6	265.8	352.3	417.2	425.3
122.5°	109.6	116.7	123.7	125.4	156.7	198.5	219.3	258.3	336.1	394.6	402.6
125°	119.3	125.7	132.2	133.7	161.1	197.6	215.8	248.9	315.1	364.7	372.0
127.5°	127.1	133.6	140.1	141.7	165.4	197.1	212.9	241.3	298.1	340.7	346.9
130°	131.3	138.3	145.2	147.0	168.6	197.4	211.7	237.0	287.6	325.5	331.2
132.5°	135.7	142.7	149.6	151.4	171.2	197.6	210.8	233.4	278.7	312.6	317.7
135°	142.2	148.5	154.9	156.4	174.0	197.4	209.1	228.1	266.0	294.4	298.8
137.5°	148.8	155.0	161.3	162.9	178.2	198.7	208.8	224.9	256.9	280.9	284.5
140°	154.2	160.0	165.8	167.3	180.8	198.8	207.8	221.6	249.4	270.1	273.5
142.5°	158.4	163.7	169.1	170.5	182.9	199.5	207.8	220.0	244.3	262.5	265.4
145°	164.9	169.5	174.2	175.4	185.8	199.5	206.4	216.3	236.2	251.2	253.3
147.5°	171.3	175.9	180.4	181.6	189.9	200.9	206.4	214.3	229.9	241.6	243.4
150°	175.5	179.6	183.8	184.8	192.0	201.7	206.4	213.0	226.2	236.1	237.6
152.5°	179.9	183.0	186.1	186.9	193.4	202.1	206.4	212.0	223.3	231.8	232.9
155°	186.3	188.7	191.0	191.6	196.5	203.1	206.4	210.9	219.9	226.6	227.3
157.5°	191.1	193.3	195.6	196.1	199.6	204.2	206.4	209.9	216.9	222.1	222.7
160°	194.4	196.1	197.8	198.3	201.0	204.6	206.4	209.4	215.4	219.9	220.1
162.5°	197.5	198.8	200.2	200.5	202.5	205.1	206.4	208.9	214.0	217.8	218.1
165°	201.1	202.2	203.4	203.7	204.6	205.9	206.4	208.2	211.8	214.5	214.8
167.5°	204.3	204.8	205.4	205.6	206.3	207.3	207.8	209.0	211.4	213.1	213.2
170°	206.4	207.0	207.5	207.6	207.7	207.8	207.8	209.0	211.4	213.1	213.1
172.5°	207.5	207.6	207.8	207.8	207.8	207.8	207.8	208.7	210.6	212.0	211.9
175°	209.1	209.1	209.1	209.1	208.7	208.1	207.8	208.4	209.6	210.5	210.5
177.5°	209.1	209.1	209.1	209.1	208.7	208.3	208.1	208.6	209.5	210.2	210.2
180°	209.1	209.1	209.1	209.1	209.1	209.1	209.1	209.1	209.1	209.1	209.1

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7
2.5°	2569.7	2562.6	2569.7	2565.0	2567.4	2560.3	2538.9	2531.8	2538.9	2546.0	2546.0
5°	2600.5	2595.8	2600.5	2600.5	2598.2	2593.4	2569.7	2565.0	2569.7	2572.1	2567.4
7.5°	2610.1	2603.0	2610.1	2605.3	2605.3	2600.5	2576.8	2572.1	2574.5	2581.6	2574.5
10°	2610.1	2603.0	2610.1	2607.6	2605.3	2600.5	2576.8	2567.4	2567.4	2574.5	2567.4
12.5°	2598.2	2593.4	2598.2	2593.4	2593.4	2588.7	2565.0	2555.5	2557.9	2560.3	2550.8
15°	2579.2	2572.1	2579.2	2574.5	2576.8	2569.7	2543.7	2534.1	2534.1	2538.9	2522.4
17.5°	2550.8	2541.3	2550.8	2548.4	2546.0	2541.3	2517.6	2508.1	2505.7	2508.1	2496.2
20°	2517.6	2510.5	2517.6	2515.2	2515.2	2505.7	2482.0	2470.1	2470.1	2470.1	2458.3
22.5°	2465.4	2458.3	2465.4	2470.1	2470.1	2467.8	2446.4	2429.9	2425.1	2425.1	2410.9
25°	2406.2	2399.1	2406.2	2406.2	2403.8	2406.2	2399.1	2389.5	2382.4	2375.3	2361.2
27.5°	2349.3	2344.5	2349.3	2344.5	2349.3	2342.2	2339.8	2337.4	2327.9	2320.8	2301.8
30°	2292.4	2287.6	2292.4	2287.6	2282.9	2278.1	2266.3	2261.6	2271.0	2266.3	2235.4
32.5°	2221.2	2216.5	2221.2	2221.2	2216.5	2216.5	2197.5	2190.4	2192.8	2207.0	2178.6
35°	2147.7	2140.6	2147.7	2145.4	2147.7	2140.6	2128.8	2126.4	2116.9	2133.5	2112.2
37.5°	2062.5	2055.3	2062.5	2062.5	2062.5	2067.1	2057.7	2050.6	2036.3	2057.7	2041.1
40°	1974.8	1965.2	1974.8	1972.3	1974.8	1979.4	1974.8	1970.0	1955.7	1972.3	1958.1
42.5°	1875.2	1872.8	1875.2	1877.5	1877.5	1887.0	1894.2	1884.6	1879.9	1868.0	1877.5
45°	1768.4	1763.8	1768.4	1773.2	1775.5	1780.3	1801.7	1801.7	1794.6	1775.5	1789.8
47.5°	1654.7	1642.8	1654.7	1668.9	1668.9	1676.0	1697.4	1714.0	1702.1	1678.4	1685.5
50°	1533.8	1536.1	1533.8	1543.2	1543.2	1569.3	1585.9	1602.6	1614.4	1585.9	1552.8
52.5°	1415.3	1412.9	1415.3	1422.4	1431.8	1443.7	1472.2	1488.7	1507.7	1491.1	1438.9
55°	1296.7	1301.4	1296.7	1299.1	1303.9	1311.0	1353.6	1370.2	1405.8	1384.5	1329.9
57.5°	1178.1	1171.0	1178.1	1182.9	1185.3	1192.4	1227.9	1258.8	1280.1	1282.5	1216.2
60°	1040.7	1031.2	1040.7	1062.1	1066.8	1071.5	1104.7	1133.1	1152.1	1159.2	1090.4
62.5°	919.8	903.2	919.8	934.0	943.5	955.4	979.0	1021.7	1038.3	1040.7	943.5
65°	791.8	784.7	791.8	820.2	822.6	836.9	862.9	893.7	929.2	924.6	784.7
67.5°	675.7	675.7	675.7	694.6	708.8	715.9	749.1	763.4	808.4	813.1	654.3
70°	568.9	566.6	568.9	583.2	592.6	609.2	640.1	656.7	692.2	704.0	531.0
72.5°	467.0	464.7	467.0	478.9	488.4	502.6	528.6	547.6	578.4	592.6	412.5
75°	377.0	372.2	377.0	386.4	384.1	403.0	424.3	443.3	471.8	481.2	305.8
77.5°	289.3	289.3	289.3	298.7	298.7	317.7	327.2	350.8	367.4	381.6	225.2
80°	215.8	213.3	215.8	218.1	218.1	227.6	244.1	260.8	275.0	275.0	154.1
82.5°	151.7	147.0	151.7	151.7	151.7	156.4	166.0	170.6	180.2	187.3	97.2
85°	94.8	94.8	94.8	97.2	94.8	99.6	101.9	106.7	106.7	101.9	59.3
87.5°	61.6	59.3	61.6	59.3	59.3	56.9	56.9	56.9	54.5	52.1	33.2
90°	5.3	5.3	5.3	5.3	5.3	7.1	9.4	10.6	9.2	6.2	3.9
92.5°	21.3	17.1	21.3	25.6	26.6	37.7	52.6	60.1	52.8	38.1	27.1
95°	74.4	61.6	74.4	87.3	90.5	118.8	156.6	175.5	148.2	93.7	52.8
97.5°	178.4	153.9	178.4	202.9	208.9	226.9	250.7	262.6	217.2	126.2	57.9
100°	257.0	227.9	257.0	286.1	293.4	292.1	290.3	289.4	239.0	138.0	62.3
102.5°	334.4	309.4	334.4	359.3	365.6	342.7	312.2	297.0	245.8	143.5	66.7
105°	433.0	419.6	433.0	446.4	449.7	398.5	330.3	296.2	246.6	147.5	73.1
107.5°	497.5	500.8	497.5	494.4	493.5	422.2	327.0	279.4	235.6	148.2	82.7
110°	522.2	536.2	522.2	508.2	504.7	425.0	318.6	265.3	225.9	147.1	88.0

TEST NUMBER: P934191

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-6-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	524.3	545.8	524.3	502.9	497.5	415.9	307.0	252.6	217.4	147.1	94.4
115°	510.4	540.2	510.4	480.7	473.3	394.6	289.7	237.2	207.6	148.5	104.1
117.5°	481.0	514.0	481.0	447.9	439.7	368.7	274.1	226.8	201.6	151.2	113.5
120°	457.3	489.3	457.3	425.3	417.2	352.3	265.8	222.6	199.6	153.5	119.0
122.5°	434.1	465.7	434.1	402.6	394.6	336.1	258.3	219.3	198.5	156.7	125.4
125°	401.1	430.2	401.1	372.0	364.7	315.1	248.9	215.8	197.6	161.1	133.7
127.5°	371.5	396.0	371.5	346.9	340.7	298.1	241.3	212.9	197.1	165.4	141.7
130°	353.9	376.6	353.9	331.2	325.5	287.6	237.0	211.7	197.4	168.6	147.0
132.5°	338.0	358.4	338.0	317.7	312.6	278.7	233.4	210.8	197.6	171.2	151.4
135°	316.3	333.8	316.3	298.8	294.4	266.0	228.1	209.1	197.4	174.0	156.4
137.5°	298.9	313.2	298.9	284.5	280.9	256.9	224.9	208.8	198.7	178.2	162.9
140°	286.8	300.3	286.8	273.5	270.1	249.4	221.6	207.8	198.8	180.8	167.3
142.5°	276.9	288.5	276.9	265.4	262.5	244.3	220.0	207.8	199.5	182.9	170.5
145°	262.1	270.9	262.1	253.3	251.2	236.2	216.3	206.4	199.5	185.8	175.4
147.5°	250.7	257.9	250.7	243.4	241.6	229.9	214.3	206.4	200.9	189.9	181.6
150°	243.5	249.4	243.5	237.6	236.1	226.2	213.0	206.4	201.7	192.0	184.8
152.5°	237.3	241.8	237.3	232.9	231.8	223.3	212.0	206.4	202.1	193.4	186.9
155°	230.2	233.2	230.2	227.3	226.6	219.9	210.9	206.4	203.1	196.5	191.6
157.5°	224.7	226.8	224.7	222.7	222.1	216.9	209.9	206.4	204.2	199.6	196.1
160°	221.4	222.6	221.4	220.1	219.9	215.4	209.4	206.4	204.6	201.0	198.3
162.5°	219.2	220.3	219.2	218.1	217.8	214.0	208.9	206.4	205.1	202.5	200.5
165°	216.0	217.2	216.0	214.8	214.5	211.8	208.2	206.4	205.9	204.6	203.7
167.5°	213.8	214.3	213.8	213.2	213.1	211.4	209.0	207.8	207.3	206.3	205.6
170°	213.1	213.1	213.1	213.1	213.1	211.4	209.0	207.8	207.8	207.7	207.6
172.5°	211.5	211.1	211.5	211.9	212.0	210.6	208.7	207.8	207.8	207.8	207.8
175°	210.5	210.5	210.5	210.5	210.5	209.6	208.4	207.8	208.1	208.7	209.1
177.5°	209.6	209.1	209.6	210.2	210.2	209.5	208.6	208.1	208.3	208.7	209.1
180°	209.1	209.1	209.1	209.1	209.1	209.1	209.1	209.1	209.1	209.1	209.1

TEST NUMBER: P934191

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-6-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7
2.5°	2541.3	2527.0	2527.0	2503.4	2493.9	2486.8	2474.9	2439.3	2429.9	2420.4	2434.6
5°	2562.6	2536.6	2517.6	2474.9	2439.3	2425.1	2380.1	2294.7	2237.9	2195.2	2171.5
7.5°	2567.4	2534.1	2498.6	2432.2	2346.9	2308.9	2171.5	2015.0	1972.3	1934.4	1910.7
10°	2562.6	2524.7	2474.9	2375.3	2173.9	2107.5	1970.0	1868.0	1841.9	1834.8	1841.9
12.5°	2546.0	2510.5	2441.8	2275.8	1993.7	1948.6	1868.0	1808.8	1804.0	1815.9	1879.9
15°	2517.6	2484.3	2403.8	2143.1	1894.2	1860.9	1804.0	1782.7	1808.8	1891.7	2083.8
17.5°	2489.1	2451.2	2351.6	2012.7	1818.2	1794.6	1754.2	1796.9	1943.9	2055.3	2119.3
20°	2451.2	2406.2	2292.4	1917.8	1763.8	1742.4	1723.4	1915.4	2026.9	2067.1	2102.7
22.5°	2406.2	2358.7	2211.8	1851.5	1706.8	1690.3	1702.1	1981.9	2026.9	2055.3	2086.1
25°	2346.9	2306.6	2116.9	1799.3	1661.8	1642.8	1687.8	1974.8	2000.8	2007.9	2069.6
27.5°	2292.4	2240.2	2017.3	1751.9	1607.2	1600.1	1699.7	1943.9	1962.9	1970.0	2036.3
30°	2226.0	2147.7	1905.9	1702.1	1550.3	1548.0	1702.1	1905.9	1901.3	1920.2	1986.5
32.5°	2157.3	2010.2	1780.3	1640.5	1495.9	1493.5	1685.5	1849.0	1844.4	1870.4	1920.2
35°	2093.3	1903.6	1609.7	1569.3	1427.1	1429.5	1645.2	1782.7	1785.1	1808.8	1839.6
37.5°	2026.9	1811.1	1422.4	1491.1	1360.7	1360.7	1590.7	1721.1	1716.3	1723.4	1766.1
40°	1948.6	1666.5	1256.4	1389.1	1299.1	1292.0	1524.3	1654.7	1638.0	1635.7	1695.0
42.5°	1865.7	1507.7	1133.1	1254.1	1227.9	1218.5	1443.7	1574.1	1543.2	1550.3	1626.2
45°	1775.5	1465.1	1038.3	1059.6	1154.5	1147.3	1356.0	1481.6	1460.3	1479.3	1557.4
47.5°	1685.5	1379.7	1007.5	879.5	1076.2	1073.9	1258.8	1391.6	1379.7	1398.7	1481.6
50°	1562.2	1284.9	1005.2	753.8	988.5	998.0	1142.7	1303.9	1303.9	1320.4	1408.1
52.5°	1403.4	1168.7	912.7	682.8	886.6	915.0	1040.7	1227.9	1232.7	1249.3	1327.5
55°	1258.8	1047.8	846.3	628.2	765.7	827.3	941.1	1149.8	1159.2	1175.8	1246.9
57.5°	1126.0	872.4	832.1	564.2	654.3	713.6	853.4	1073.9	1078.6	1092.9	1161.6
60°	983.8	630.5	763.4	495.5	557.1	602.1	772.8	983.8	1000.4	1009.8	1069.1
62.5°	822.6	457.6	692.2	448.0	509.7	519.1	706.5	898.4	919.8	926.9	962.5
65°	585.5	384.1	588.0	407.8	459.9	462.2	635.3	810.7	829.7	841.5	867.7
67.5°	395.9	312.9	448.0	369.8	422.0	424.3	566.6	708.8	734.9	744.4	760.9
70°	275.0	208.7	331.9	329.5	379.3	384.1	493.1	616.3	640.1	647.2	656.7
72.5°	201.5	168.3	275.0	296.4	334.3	339.0	417.2	512.0	535.7	542.8	547.6
75°	154.1	177.8	222.9	258.4	284.5	286.8	341.4	417.2	433.8	438.6	440.9
77.5°	123.3	166.0	163.5	208.7	232.3	227.6	267.9	322.4	336.6	336.6	336.6
80°	92.5	130.4	123.3	149.3	170.6	166.0	192.0	230.0	234.7	239.4	237.0
82.5°	68.7	82.9	82.9	94.8	113.8	109.1	128.1	149.3	149.3	149.3	154.1
85°	42.7	47.4	37.9	49.8	64.0	61.6	71.1	80.6	82.9	82.9	78.3
87.5°	26.1	21.3	11.9	19.0	28.5	28.5	33.2	35.6	33.2	33.2	33.2
90°	3.6	2.5	1.4	2.5	3.6	3.9	6.2	9.2	10.6	9.4	7.1
92.5°	24.7	15.1	5.6	15.1	24.7	27.1	38.1	52.8	60.1	52.6	37.7
95°	48.4	30.9	13.4	30.9	48.4	52.8	93.7	148.2	175.5	156.6	118.8
97.5°	54.1	38.7	23.3	38.7	54.1	57.9	126.2	217.2	262.6	250.7	226.9
100°	58.8	44.8	30.9	44.8	58.8	62.3	138.0	239.0	289.4	290.3	292.1
102.5°	63.4	50.4	37.4	50.4	63.4	66.7	143.5	245.8	297.0	312.2	342.7
105°	70.3	59.3	48.3	59.3	70.3	73.1	147.5	246.6	296.2	330.3	398.5
107.5°	80.0	69.8	59.5	69.8	80.0	82.7	148.2	235.6	279.4	327.0	422.2
110°	85.6	76.4	67.1	76.4	85.6	88.0	147.1	225.9	265.3	318.6	425.0

TEST NUMBER: P934191

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-6-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	92.2	83.4	74.5	83.4	92.2	94.4	147.1	217.4	252.6	307.0	415.9
115°	102.1	94.0	85.7	94.0	102.1	104.1	148.5	207.6	237.2	289.7	394.6
117.5°	111.6	104.2	96.9	104.2	111.6	113.5	151.2	201.6	226.8	274.1	368.7
120°	117.2	110.3	103.3	110.3	117.2	119.0	153.5	199.6	222.6	265.8	352.3
122.5°	123.7	116.7	109.6	116.7	123.7	125.4	156.7	198.5	219.3	258.3	336.1
125°	132.2	125.7	119.3	125.7	132.2	133.7	161.1	197.6	215.8	248.9	315.1
127.5°	140.1	133.6	127.1	133.6	140.1	141.7	165.4	197.1	212.9	241.3	298.1
130°	145.2	138.3	131.3	138.3	145.2	147.0	168.6	197.4	211.7	237.0	287.6
132.5°	149.6	142.7	135.7	142.7	149.6	151.4	171.2	197.6	210.8	233.4	278.7
135°	154.9	148.5	142.2	148.5	154.9	156.4	174.0	197.4	209.1	228.1	266.0
137.5°	161.3	155.0	148.8	155.0	161.3	162.9	178.2	198.7	208.8	224.9	256.9
140°	165.8	160.0	154.2	160.0	165.8	167.3	180.8	198.8	207.8	221.6	249.4
142.5°	169.1	163.7	158.4	163.7	169.1	170.5	182.9	199.5	207.8	220.0	244.3
145°	174.2	169.5	164.9	169.5	174.2	175.4	185.8	199.5	206.4	216.3	236.2
147.5°	180.4	175.9	171.3	175.9	180.4	181.6	189.9	200.9	206.4	214.3	229.9
150°	183.8	179.6	175.5	179.6	183.8	184.8	192.0	201.7	206.4	213.0	226.2
152.5°	186.1	183.0	179.9	183.0	186.1	186.9	193.4	202.1	206.4	212.0	223.3
155°	191.0	188.7	186.3	188.7	191.0	191.6	196.5	203.1	206.4	210.9	219.9
157.5°	195.6	193.3	191.1	193.3	195.6	196.1	199.6	204.2	206.4	209.9	216.9
160°	197.8	196.1	194.4	196.1	197.8	198.3	201.0	204.6	206.4	209.4	215.4
162.5°	200.2	198.8	197.5	198.8	200.2	200.5	202.5	205.1	206.4	208.9	214.0
165°	203.4	202.2	201.1	202.2	203.4	203.7	204.6	205.9	206.4	208.2	211.8
167.5°	205.4	204.8	204.3	204.8	205.4	205.6	206.3	207.3	207.8	209.0	211.4
170°	207.5	207.0	206.4	207.0	207.5	207.6	207.7	207.8	207.8	209.0	211.4
172.5°	207.8	207.6	207.5	207.6	207.8	207.8	207.8	207.8	207.8	208.7	210.6
175°	209.1	209.1	209.1	209.1	209.1	209.1	208.7	208.1	207.8	208.4	209.6
177.5°	209.1	209.1	209.1	209.1	209.1	209.1	208.7	208.3	208.1	208.6	209.5
180°	209.1	209.1	209.1	209.1	209.1	209.1	209.1	209.1	209.1	209.1	209.1

TEST NUMBER: P934191

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-6-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7
2.5°	2418.0	2410.9	2420.4	2394.3	2420.4	2410.9	2418.0	2434.6	2420.4	2429.9	2439.3
5°	2121.7	2109.8	2071.9	2041.1	2071.9	2109.8	2121.7	2171.5	2195.2	2237.9	2294.7
7.5°	1896.5	1887.0	1877.5	1858.6	1877.5	1887.0	1896.5	1910.7	1934.4	1972.3	2015.0
10°	1846.7	1849.0	1863.3	1860.9	1863.3	1849.0	1846.7	1841.9	1834.8	1841.9	1868.0
12.5°	1974.8	1996.1	2074.3	2069.6	2074.3	1996.1	1974.8	1879.9	1815.9	1804.0	1808.8
15°	2121.7	2128.8	2145.4	2147.7	2145.4	2128.8	2121.7	2083.8	1891.7	1808.8	1782.7
17.5°	2135.9	2138.3	2150.2	2150.2	2150.2	2138.3	2135.9	2119.3	2055.3	1943.9	1796.9
20°	2124.1	2128.8	2152.5	2157.3	2152.5	2128.8	2124.1	2102.7	2067.1	2026.9	1915.4
22.5°	2119.3	2128.8	2147.7	2145.4	2147.7	2128.8	2119.3	2086.1	2055.3	2026.9	1981.9
25°	2095.6	2095.6	2098.0	2100.4	2098.0	2095.6	2095.6	2069.6	2007.9	2000.8	1974.8
27.5°	2045.8	2050.6	2064.8	2062.5	2064.8	2050.6	2045.8	2036.3	1970.0	1962.9	1943.9
30°	2000.8	1996.1	1984.2	1974.8	1984.2	1996.1	2000.8	1986.5	1920.2	1901.3	1905.9
32.5°	1925.0	1913.1	1901.3	1894.2	1901.3	1913.1	1925.0	1920.2	1870.4	1844.4	1849.0
35°	1834.8	1837.2	1834.8	1827.7	1834.8	1837.2	1834.8	1839.6	1808.8	1785.1	1782.7
37.5°	1770.9	1775.5	1773.2	1763.8	1773.2	1775.5	1770.9	1766.1	1723.4	1716.3	1721.1
40°	1704.5	1706.8	1704.5	1697.4	1704.5	1706.8	1704.5	1695.0	1635.7	1638.0	1654.7
42.5°	1640.5	1638.0	1631.0	1626.2	1631.0	1638.0	1640.5	1626.2	1550.3	1543.2	1574.1
45°	1567.0	1569.3	1555.1	1548.0	1555.1	1569.3	1567.0	1557.4	1479.3	1460.3	1481.6
47.5°	1493.5	1493.5	1481.6	1474.5	1481.6	1493.5	1493.5	1481.6	1398.7	1379.7	1391.6
50°	1415.3	1412.9	1396.3	1393.9	1396.3	1412.9	1415.3	1408.1	1320.4	1303.9	1303.9
52.5°	1325.2	1325.2	1327.5	1332.3	1327.5	1325.2	1325.2	1327.5	1249.3	1232.7	1227.9
55°	1246.9	1249.3	1265.9	1270.6	1265.9	1249.3	1246.9	1246.9	1175.8	1159.2	1149.8
57.5°	1166.4	1166.4	1178.1	1178.1	1178.1	1166.4	1166.4	1161.6	1092.9	1078.6	1073.9
60°	1073.9	1078.6	1088.1	1085.8	1088.1	1078.6	1073.9	1069.1	1009.8	1000.4	983.8
62.5°	976.7	981.4	983.8	979.0	983.8	981.4	976.7	962.5	926.9	919.8	898.4
65°	874.8	879.5	881.9	877.1	881.9	879.5	874.8	867.7	841.5	829.7	810.7
67.5°	770.5	768.0	765.7	775.2	765.7	768.0	770.5	760.9	744.4	734.9	708.8
70°	663.8	663.8	661.4	666.1	661.4	663.8	663.8	656.7	647.2	640.1	616.3
72.5°	549.9	547.6	557.1	549.9	557.1	547.6	549.9	547.6	542.8	535.7	512.0
75°	438.6	443.3	438.6	445.7	438.6	443.3	438.6	440.9	438.6	433.8	417.2
77.5°	334.3	339.0	334.3	334.3	334.3	339.0	334.3	336.6	336.6	336.6	322.4
80°	237.0	234.7	234.7	232.3	234.7	234.7	237.0	237.0	239.4	234.7	230.0
82.5°	151.7	149.3	149.3	154.1	149.3	149.3	151.7	154.1	149.3	149.3	149.3
85°	82.9	85.4	80.6	80.6	80.6	85.4	82.9	78.3	82.9	82.9	80.6
87.5°	30.8	28.5	28.5	28.5	28.5	28.5	30.8	33.2	33.2	33.2	35.6
90°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	7.1	9.4	10.6	9.2
92.5°	26.6	25.6	21.3	17.1	21.3	25.6	26.6	37.7	52.6	60.1	52.8
95°	90.5	87.3	74.4	61.6	74.4	87.3	90.5	118.8	156.6	175.5	148.2
97.5°	208.9	202.9	178.4	153.9	178.4	202.9	208.9	226.9	250.7	262.6	217.2
100°	293.4	286.1	257.0	227.9	257.0	286.1	293.4	292.1	290.3	289.4	239.0
102.5°	365.6	359.3	334.4	309.4	334.4	359.3	365.6	342.7	312.2	297.0	245.8
105°	449.7	446.4	433.0	419.6	433.0	446.4	449.7	398.5	330.3	296.2	246.6
107.5°	493.5	494.4	497.5	500.8	497.5	494.4	493.5	422.2	327.0	279.4	235.6
110°	504.7	508.2	522.2	536.2	522.2	508.2	504.7	425.0	318.6	265.3	225.9

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	497.5	502.9	524.3	545.8	524.3	502.9	497.5	415.9	307.0	252.6	217.4
115°	473.3	480.7	510.4	540.2	510.4	480.7	473.3	394.6	289.7	237.2	207.6
117.5°	439.7	447.9	481.0	514.0	481.0	447.9	439.7	368.7	274.1	226.8	201.6
120°	417.2	425.3	457.3	489.3	457.3	425.3	417.2	352.3	265.8	222.6	199.6
122.5°	394.6	402.6	434.1	465.7	434.1	402.6	394.6	336.1	258.3	219.3	198.5
125°	364.7	372.0	401.1	430.2	401.1	372.0	364.7	315.1	248.9	215.8	197.6
127.5°	340.7	346.9	371.5	396.0	371.5	346.9	340.7	298.1	241.3	212.9	197.1
130°	325.5	331.2	353.9	376.6	353.9	331.2	325.5	287.6	237.0	211.7	197.4
132.5°	312.6	317.7	338.0	358.4	338.0	317.7	312.6	278.7	233.4	210.8	197.6
135°	294.4	298.8	316.3	333.8	316.3	298.8	294.4	266.0	228.1	209.1	197.4
137.5°	280.9	284.5	298.9	313.2	298.9	284.5	280.9	256.9	224.9	208.8	198.7
140°	270.1	273.5	286.8	300.3	286.8	273.5	270.1	249.4	221.6	207.8	198.8
142.5°	262.5	265.4	276.9	288.5	276.9	265.4	262.5	244.3	220.0	207.8	199.5
145°	251.2	253.3	262.1	270.9	262.1	253.3	251.2	236.2	216.3	206.4	199.5
147.5°	241.6	243.4	250.7	257.9	250.7	243.4	241.6	229.9	214.3	206.4	200.9
150°	236.1	237.6	243.5	249.4	243.5	237.6	236.1	226.2	213.0	206.4	201.7
152.5°	231.8	232.9	237.3	241.8	237.3	232.9	231.8	223.3	212.0	206.4	202.1
155°	226.6	227.3	230.2	233.2	230.2	227.3	226.6	219.9	210.9	206.4	203.1
157.5°	222.1	222.7	224.7	226.8	224.7	222.7	222.1	216.9	209.9	206.4	204.2
160°	219.9	220.1	221.4	222.6	221.4	220.1	219.9	215.4	209.4	206.4	204.6
162.5°	217.8	218.1	219.2	220.3	219.2	218.1	217.8	214.0	208.9	206.4	205.1
165°	214.5	214.8	216.0	217.2	216.0	214.8	214.5	211.8	208.2	206.4	205.9
167.5°	213.1	213.2	213.8	214.3	213.8	213.2	213.1	211.4	209.0	207.8	207.3
170°	213.1	213.1	213.1	213.1	213.1	213.1	213.1	211.4	209.0	207.8	207.8
172.5°	212.0	211.9	211.5	211.1	211.5	211.9	212.0	210.6	208.7	207.8	207.8
175°	210.5	210.5	210.5	210.5	210.5	210.5	210.5	209.6	208.4	207.8	208.1
177.5°	210.2	210.2	209.6	209.1	209.6	210.2	210.2	209.5	208.6	208.1	208.3
180°	209.1	209.1	209.1	209.1	209.1	209.1	209.1	209.1	209.1	209.1	209.1

TEST NUMBER: P934191

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-6-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2505.7	2505.7	2505.7	2505.7	2505.7
2.5°	2474.9	2486.8	2493.9	2503.4	2527.0
5°	2380.1	2425.1	2439.3	2474.9	2517.6
7.5°	2171.5	2308.9	2346.9	2432.2	2498.6
10°	1970.0	2107.5	2173.9	2375.3	2474.9
12.5°	1868.0	1948.6	1993.7	2275.8	2441.8
15°	1804.0	1860.9	1894.2	2143.1	2403.8
17.5°	1754.2	1794.6	1818.2	2012.7	2351.6
20°	1723.4	1742.4	1763.8	1917.8	2292.4
22.5°	1702.1	1690.3	1706.8	1851.5	2211.8
25°	1687.8	1642.8	1661.8	1799.3	2116.9
27.5°	1699.7	1600.1	1607.2	1751.9	2017.3
30°	1702.1	1548.0	1550.3	1702.1	1905.9
32.5°	1685.5	1493.5	1495.9	1640.5	1780.3
35°	1645.2	1429.5	1427.1	1569.3	1609.7
37.5°	1590.7	1360.7	1360.7	1491.1	1422.4
40°	1524.3	1292.0	1299.1	1389.1	1256.4
42.5°	1443.7	1218.5	1227.9	1254.1	1133.1
45°	1356.0	1147.3	1154.5	1059.6	1038.3
47.5°	1258.8	1073.9	1076.2	879.5	1007.5
50°	1142.7	998.0	988.5	753.8	1005.2
52.5°	1040.7	915.0	886.6	682.8	912.7
55°	941.1	827.3	765.7	628.2	846.3
57.5°	853.4	713.6	654.3	564.2	832.1
60°	772.8	602.1	557.1	495.5	763.4
62.5°	706.5	519.1	509.7	448.0	692.2
65°	635.3	462.2	459.9	407.8	588.0
67.5°	566.6	424.3	422.0	369.8	448.0
70°	493.1	384.1	379.3	329.5	331.9
72.5°	417.2	339.0	334.3	296.4	275.0
75°	341.4	286.8	284.5	258.4	222.9
77.5°	267.9	227.6	232.3	208.7	163.5
80°	192.0	166.0	170.6	149.3	123.3
82.5°	128.1	109.1	113.8	94.8	82.9
85°	71.1	61.6	64.0	49.8	37.9
87.5°	33.2	28.5	28.5	19.0	11.9
90°	6.2	3.9	3.6	2.5	1.4
92.5°	38.1	27.1	24.7	15.1	5.6
95°	93.7	52.8	48.4	30.9	13.4
97.5°	126.2	57.9	54.1	38.7	23.3
100°	138.0	62.3	58.8	44.8	30.9
102.5°	143.5	66.7	63.4	50.4	37.4
105°	147.5	73.1	70.3	59.3	48.3
107.5°	148.2	82.7	80.0	69.8	59.5
110°	147.1	88.0	85.6	76.4	67.1



TEST NUMBER: P934191

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-6-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	147.1	94.4	92.2	83.4	74.5
115°	148.5	104.1	102.1	94.0	85.7
117.5°	151.2	113.5	111.6	104.2	96.9
120°	153.5	119.0	117.2	110.3	103.3
122.5°	156.7	125.4	123.7	116.7	109.6
125°	161.1	133.7	132.2	125.7	119.3
127.5°	165.4	141.7	140.1	133.6	127.1
130°	168.6	147.0	145.2	138.3	131.3
132.5°	171.2	151.4	149.6	142.7	135.7
135°	174.0	156.4	154.9	148.5	142.2
137.5°	178.2	162.9	161.3	155.0	148.8
140°	180.8	167.3	165.8	160.0	154.2
142.5°	182.9	170.5	169.1	163.7	158.4
145°	185.8	175.4	174.2	169.5	164.9
147.5°	189.9	181.6	180.4	175.9	171.3
150°	192.0	184.8	183.8	179.6	175.5
152.5°	193.4	186.9	186.1	183.0	179.9
155°	196.5	191.6	191.0	188.7	186.3
157.5°	199.6	196.1	195.6	193.3	191.1
160°	201.0	198.3	197.8	196.1	194.4
162.5°	202.5	200.5	200.2	198.8	197.5
165°	204.6	203.7	203.4	202.2	201.1
167.5°	206.3	205.6	205.4	204.8	204.3
170°	207.7	207.6	207.5	207.0	206.4
172.5°	207.8	207.8	207.8	207.6	207.5
175°	208.7	209.1	209.1	209.1	209.1
177.5°	208.7	209.1	209.1	209.1	209.1
180°	209.1	209.1	209.1	209.1	209.1

TEST NUMBER: P934191

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-6-5000K

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	16.94	18.20	17.55	18.82	19.53	19.76	21.02	20.37	21.64	22.36
	3H	17.44	18.57	18.07	19.21	19.96	21.13	22.27	21.76	22.90	23.65
	4H	17.65	18.72	18.30	19.37	20.13	21.59	22.66	22.24	23.31	24.07
	6H	17.79	18.78	18.45	19.44	20.21	21.90	22.88	22.56	23.54	24.32
	8H	17.80	18.74	18.48	19.42	20.20	21.98	22.92	22.66	23.60	24.38
	12H	17.79	18.68	18.47	19.36	20.16	22.03	22.93	22.71	23.60	24.41
4H	2H	18.01	19.08	18.66	19.73	20.49	20.22	21.28	20.87	21.93	22.69
	3H	19.08	19.97	19.74	20.65	21.43	21.76	22.65	22.42	23.33	24.11
	4H	19.37	20.18	20.05	20.87	21.68	22.30	23.11	22.98	23.80	24.61
	6H	19.52	20.22	20.22	20.93	21.76	22.69	23.39	23.39	24.10	24.92
	8H	19.53	20.19	20.24	20.90	21.73	22.80	23.46	23.51	24.17	25.00
	12H	19.52	20.11	20.24	20.85	21.68	22.88	23.46	23.60	24.20	25.04
8H	4H	19.85	20.51	20.56	21.22	22.05	22.46	23.11	23.16	23.82	24.66
	6H	20.13	20.67	20.87	21.43	22.27	22.91	23.45	23.64	24.21	25.04
	8H	20.18	20.66	20.93	21.42	22.27	23.06	23.55	23.81	24.31	25.16
	12H	20.18	20.61	20.93	21.36	22.27	23.18	23.60	23.93	24.35	25.27
12H	4H	19.88	20.47	20.61	21.21	22.04	22.44	23.03	23.17	23.77	24.60
	6H	20.20	20.68	20.94	21.44	22.29	22.91	23.39	23.66	24.15	25.00
	8H	20.28	20.71	21.03	21.46	22.37	23.09	23.51	23.84	24.26	25.18