

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: P934145

Luminaire Tested: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-3500K

Issue Date: 12/17/2024

**Test Information**

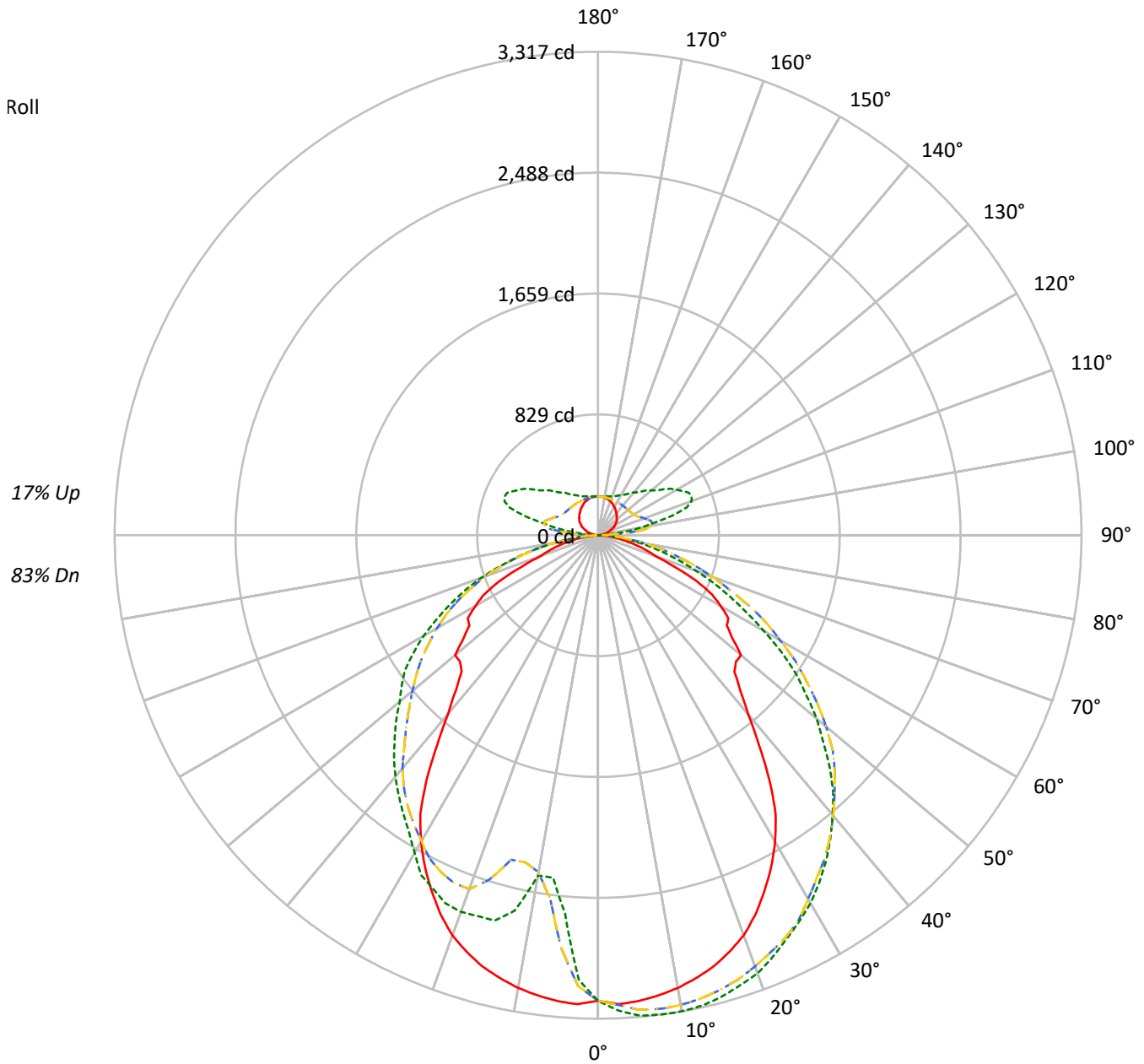
Test Method: LM-79-2019  
Report Number: P934145  
REPORT IS A COMBINATION OF REPORTS P933688 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-3500K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10007.2 lumens  
Efficiency: N/A  
Efficacy: 100.9 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')  
CIE Type: Semi-Direct  
  
Input Watts (W): 99.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

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### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - · - 90°-270°    - · - 135°-315°



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20			
RC	80				70				50				30				10		0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	115	115	115	115	110	110	110	110	102	102	102	94	94	94	86	86	86	83	83	83
1	105	101	97	93	101	97	93	90	89	87	84	83	80	78	76	75	73	70	70	70
2	96	88	82	76	92	85	79	74	78	74	70	73	69	66	67	64	62	59	59	59
3	88	78	70	64	84	75	68	62	69	63	59	64	60	56	60	56	52	50	50	50
4	80	69	60	54	77	66	59	53	62	55	50	57	52	48	53	49	45	43	43	43
5	74	61	53	46	70	59	51	45	55	49	43	52	46	41	48	43	39	37	37	37
6	68	55	47	40	65	53	45	40	50	43	38	47	41	36	44	39	35	32	32	32
7	63	50	42	36	60	48	41	35	45	39	34	42	37	32	40	35	31	29	29	29
8	59	46	37	32	56	44	36	31	41	35	30	39	33	29	37	31	28	26	26	26
9	55	42	34	28	52	40	33	28	38	32	27	36	30	26	34	29	25	23	23	23
10	51	38	31	26	49	37	30	25	35	29	24	33	28	24	31	26	23	21	21	21

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	14815	14815	14815	14815
5°	14925	14955	14925	11759
10°	14825	14731	14825	10532
15°	14664	14412	14664	12035
20°	14358	14034	14358	12059
25°	13730	13482	13730	11804
30°	12919	13024	12919	11243
35°	11517	12445	11517	10626
40°	9597	11764	9597	10160
45°	8574	10966	8574	9624
50°	9109	10014	9109	9087
55°	8571	8989	8571	8776
60°	8835	7634	8835	8038
65°	8010	6311	8010	7054
70°	5546	5029	5546	5913
75°	4862	3717	4862	4452
80°	3920	2458	3920	2677
85°	2250	1302	2250	1106

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 13142 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	288.2	2.9
10°-20°	818.4	8.2
20°-30°	1265.0	12.6
30°-40°	1510.2	15.1
40°-50°	1519.0	15.2
50°-60°	1321.8	13.2
60°-70°	937.1	9.4
70°-80°	495.8	5.0
80°-90°	124.5	1.2
90°-100°	129.9	1.3
100°-110°	341.4	3.4
110°-120°	354.0	3.5
120°-130°	284.0	2.8
130°-140°	222.8	2.2
140°-150°	171.0	1.7
150°-160°	123.2	1.2
160°-170°	75.4	0.8
170°-180°	25.5	0.3
0°-30°	2371.6	23.7
0°-40°	3881.8	38.8
0°-60°	6722.6	67.2
0°-90°	8280.1	82.7
90°-120°	825.3	8.2
90°-150°	1503.1	15.0
90°-180°	1727.0	17.3
0°-180°	10007.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3193	3193	3193	3193	3193	
5°	3208	3308	3208	2601	3208	304
15°	3063	3278	3063	2737	3063	862
25°	2698	3057	2698	2676	2698	1239
35°	2051	2728	2051	2329	2051	1269
45°	1323	2248	1323	1973	1323	1060
55°	1078	1658	1078	1619	1078	991
65°	749	1000	749	1118	749	716
75°	284	474	284	568	284	299
85°	48	121	48	103	48	65
90°	2	7	2	7	2	4
95°	17	78	17	78	17	19
105°	62	535	62	535	62	65
115°	109	688	109	688	109	108
125°	152	548	152	548	152	135
135°	181	425	181	425	181	140
145°	210	345	210	345	210	132
155°	237	297	237	297	237	109
165°	256	277	256	277	256	72
175°	266	268	266	268	266	25
180°	266	266	266	266	266	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1
2.5°	3220.2	3220.2	3238.3	3244.4	3244.4	3235.4	3226.3	3235.4	3262.5	3271.6	3268.6
5°	3208.2	3232.4	3265.6	3271.6	3277.6	3274.7	3268.6	3274.7	3304.8	3310.9	3313.9
7.5°	3184.0	3229.3	3271.6	3280.6	3289.8	3280.6	3277.6	3283.7	3313.9	3319.9	3319.9
10°	3153.8	3217.3	3265.6	3271.6	3280.6	3271.6	3271.6	3283.7	3313.9	3319.9	3323.0
12.5°	3111.5	3199.1	3244.4	3250.5	3262.5	3259.5	3256.5	3268.6	3298.8	3304.8	3304.8
15°	3063.2	3165.9	3208.2	3214.2	3235.4	3229.3	3229.3	3241.4	3274.7	3283.7	3280.6
17.5°	2996.7	3123.5	3171.9	3180.9	3196.1	3193.1	3196.1	3208.2	3238.3	3244.4	3247.4
20°	2921.2	3066.1	3123.5	3132.6	3147.7	3147.7	3147.7	3162.8	3193.1	3205.1	3205.1
22.5°	2818.4	3005.8	3066.1	3072.2	3090.3	3090.3	3096.4	3117.6	3144.7	3147.7	3147.7
25°	2697.7	2939.3	2990.6	3008.8	3026.9	3036.0	3045.1	3057.1	3066.1	3063.2	3066.1
27.5°	2570.7	2854.7	2921.2	2933.2	2957.4	2966.5	2978.6	2981.6	2984.7	2993.7	2987.6
30°	2428.8	2737.0	2836.6	2848.7	2888.0	2894.0	2881.9	2888.0	2903.1	2909.1	2915.1
32.5°	2268.7	2561.7	2749.0	2776.2	2812.5	2794.3	2791.3	2800.3	2824.5	2824.5	2830.6
35°	2051.2	2425.8	2667.4	2691.6	2718.7	2697.7	2709.7	2712.8	2727.8	2737.0	2733.9
37.5°	1812.6	2308.0	2582.9	2601.0	2622.2	2594.9	2613.1	2622.2	2634.2	2628.1	2628.1
40°	1601.1	2123.6	2483.2	2495.2	2513.4	2492.2	2510.3	2516.4	2522.5	2516.4	2513.4
42.5°	1444.0	1921.3	2377.4	2392.5	2380.4	2395.5	2401.6	2413.6	2404.6	2392.5	2392.5
45°	1323.1	1866.9	2262.6	2280.7	2262.6	2286.8	2295.9	2295.9	2268.7	2262.6	2259.6
47.5°	1283.9	1758.1	2147.8	2147.8	2138.8	2169.0	2184.1	2162.9	2135.8	2126.7	2126.7
50°	1280.8	1637.3	1990.7	1978.7	2021.0	2057.2	2042.1	2021.0	1999.8	1966.6	1966.6
52.5°	1163.0	1489.2	1788.4	1833.7	1900.1	1921.3	1897.1	1875.9	1839.7	1824.6	1812.6
55°	1078.5	1335.3	1604.1	1694.7	1764.2	1791.4	1746.1	1724.9	1670.5	1661.5	1655.5
57.5°	1060.3	1111.7	1434.9	1549.7	1634.3	1631.3	1604.1	1564.9	1519.5	1510.4	1507.5
60°	972.7	803.5	1253.7	1389.6	1477.2	1468.2	1444.0	1407.8	1365.4	1359.4	1353.4
62.5°	882.1	583.1	1048.2	1202.3	1326.2	1323.1	1302.0	1247.6	1217.4	1202.3	1190.2
65°	749.2	489.4	746.1	999.9	1178.2	1184.1	1138.9	1099.6	1066.3	1048.2	1045.3
67.5°	570.9	398.7	504.5	833.8	1036.2	1030.1	972.7	954.6	912.3	903.2	885.1
70°	422.9	265.8	350.4	676.7	897.2	882.1	836.7	815.7	776.4	755.2	743.1
72.5°	350.4	214.5	256.8	525.7	755.2	737.1	697.9	673.7	640.5	622.3	610.2
75°	283.9	226.5	196.4	389.7	613.2	601.2	564.9	540.7	513.5	489.4	492.4
77.5°	208.4	211.5	157.1	287.0	486.4	468.3	447.1	416.9	404.8	380.6	380.6
80°	157.1	166.1	117.8	196.4	350.4	350.4	332.3	311.2	290.0	278.0	278.0
82.5°	105.7	105.7	87.6	123.9	238.7	229.6	217.5	211.5	199.4	193.3	193.3
85°	48.3	60.4	54.4	75.5	129.9	135.9	135.9	129.9	126.8	120.9	123.9
87.5°	15.1	27.2	33.2	42.3	66.5	69.4	72.5	72.5	72.5	75.5	75.5
90°	1.8	3.2	4.6	5.0	7.9	11.7	13.6	12.1	9.0	6.8	6.8
92.5°	7.1	19.3	31.5	34.5	48.6	67.2	76.5	67.0	48.2	34.0	32.7
95°	17.1	39.4	61.7	67.2	119.3	188.9	223.7	199.6	151.5	115.3	111.2
97.5°	29.7	49.4	68.9	73.8	160.8	276.7	334.7	319.6	289.1	266.3	258.5
100°	39.4	57.1	74.9	79.4	175.8	304.5	368.8	370.0	372.2	373.9	364.6
102.5°	47.6	64.2	80.8	84.9	182.8	313.3	378.6	397.9	436.7	465.8	457.8
105°	61.5	75.6	89.7	93.2	188.0	314.3	377.5	421.0	507.9	573.1	568.8
107.5°	75.8	88.9	102.0	105.3	188.9	300.3	356.0	416.6	537.9	628.9	629.9
110°	85.5	97.3	109.2	112.1	187.5	287.9	338.1	405.9	541.5	643.1	647.6



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	95.0	106.2	117.5	120.3	187.5	277.1	321.9	391.2	529.9	634.0	640.9
115°	109.3	119.6	130.1	132.6	189.2	264.7	302.3	369.2	502.9	603.1	612.6
117.5°	123.4	132.8	142.3	144.7	192.8	256.9	288.9	349.3	469.9	560.4	570.9
120°	131.6	140.5	149.4	151.7	195.7	254.3	283.6	338.7	448.9	531.6	541.7
122.5°	139.6	148.6	157.6	159.9	199.8	252.9	279.5	329.1	428.4	502.8	512.9
125°	152.0	160.2	168.3	170.4	205.3	251.8	275.0	317.1	401.5	464.7	474.0
127.5°	162.0	170.2	178.5	180.6	210.8	251.1	271.3	307.5	379.9	434.2	442.0
130°	167.4	176.3	185.1	187.4	214.9	251.5	269.8	302.1	366.5	414.8	422.0
132.5°	172.9	181.8	190.7	192.9	218.2	251.8	268.6	297.4	355.1	398.4	404.9
135°	181.1	189.2	197.4	199.4	221.7	251.5	266.4	290.6	338.9	375.2	380.7
137.5°	189.5	197.5	205.6	207.6	227.1	253.1	266.1	286.5	327.3	357.9	362.5
140°	196.5	203.9	211.3	213.2	230.4	253.3	264.8	282.5	317.8	344.2	348.5
142.5°	201.9	208.7	215.6	217.3	233.2	254.3	264.8	280.4	311.3	334.6	338.2
145°	210.1	216.1	222.0	223.5	236.7	254.3	263.1	275.7	301.1	320.1	322.9
147.5°	218.3	224.1	229.9	231.4	241.9	256.0	263.1	273.1	293.0	307.9	310.2
150°	223.7	229.0	234.1	235.5	244.7	256.9	263.1	271.4	288.3	300.9	302.8
152.5°	229.2	233.2	237.2	238.2	246.5	257.5	263.1	270.2	284.6	295.4	296.8
155°	237.4	240.4	243.3	244.0	250.4	258.9	263.1	268.8	280.2	288.8	289.7
157.5°	243.5	246.4	249.2	249.9	254.3	260.1	263.1	267.5	276.4	283.0	283.7
160°	247.6	249.8	252.1	252.6	256.1	260.7	263.1	266.9	274.5	280.2	280.6
162.5°	251.7	253.4	255.0	255.5	258.0	261.4	263.1	266.3	272.7	277.5	277.9
165°	256.3	257.8	259.3	259.7	260.8	262.3	263.1	265.4	269.9	273.4	273.8
167.5°	260.4	261.1	261.8	262.0	263.0	264.2	264.8	266.4	269.4	271.6	271.8
170°	263.1	263.8	264.5	264.7	264.8	264.8	264.8	266.4	269.4	271.6	271.6
172.5°	264.5	264.7	264.8	264.8	264.8	264.8	264.8	266.0	268.4	270.2	270.0
175°	266.4	266.4	266.4	266.4	265.9	265.2	264.8	265.6	267.1	268.2	268.2
177.5°	266.4	266.4	266.4	266.4	266.0	265.5	265.2	265.8	267.0	267.9	267.7
180°	266.4	266.4	266.4	266.4	266.4	266.4	266.4	266.4	266.4	266.4	266.4



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1
2.5°	3274.7	3265.6	3274.7	3268.6	3271.6	3262.5	3235.4	3226.3	3235.4	3244.4	3244.4
5°	3313.9	3307.9	3313.9	3313.9	3310.9	3304.8	3274.7	3268.6	3274.7	3277.6	3271.6
7.5°	3326.0	3316.9	3326.0	3319.9	3319.9	3313.9	3283.7	3277.6	3280.6	3289.8	3280.6
10°	3326.0	3316.9	3326.0	3323.0	3319.9	3313.9	3283.7	3271.6	3271.6	3280.6	3271.6
12.5°	3310.9	3304.8	3310.9	3304.8	3304.8	3298.8	3268.6	3256.5	3259.5	3262.5	3250.5
15°	3286.7	3277.6	3286.7	3280.6	3283.7	3274.7	3241.4	3229.3	3229.3	3235.4	3214.2
17.5°	3250.5	3238.3	3250.5	3247.4	3244.4	3238.3	3208.2	3196.1	3193.1	3196.1	3180.9
20°	3208.2	3199.1	3208.2	3205.1	3205.1	3193.1	3162.8	3147.7	3147.7	3147.7	3132.6
22.5°	3141.7	3132.6	3141.7	3147.7	3147.7	3144.7	3117.6	3096.4	3090.3	3090.3	3072.2
25°	3066.1	3057.1	3066.1	3066.1	3063.2	3066.1	3057.1	3045.1	3036.0	3026.9	3008.8
27.5°	2993.7	2987.6	2993.7	2987.6	2993.7	2984.7	2981.6	2978.6	2966.5	2957.4	2933.2
30°	2921.2	2915.1	2921.2	2915.1	2909.1	2903.1	2888.0	2881.9	2894.0	2888.0	2848.7
32.5°	2830.6	2824.5	2830.6	2830.6	2824.5	2824.5	2800.3	2791.3	2794.3	2812.5	2776.2
35°	2737.0	2727.8	2737.0	2733.9	2737.0	2727.8	2712.8	2709.7	2697.7	2718.7	2691.6
37.5°	2628.1	2619.1	2628.1	2628.1	2628.1	2634.2	2622.2	2613.1	2594.9	2622.2	2601.0
40°	2516.4	2504.3	2516.4	2513.4	2516.4	2522.5	2516.4	2510.3	2492.2	2513.4	2495.2
42.5°	2389.5	2386.5	2389.5	2392.5	2392.5	2404.6	2413.6	2401.6	2395.5	2380.4	2392.5
45°	2253.6	2247.5	2253.6	2259.6	2262.6	2268.7	2295.9	2295.9	2286.8	2262.6	2280.7
47.5°	2108.5	2093.5	2108.5	2126.7	2126.7	2135.8	2162.9	2184.1	2169.0	2138.8	2147.8
50°	1954.5	1957.5	1954.5	1966.6	1966.6	1999.8	2021.0	2042.1	2057.2	2021.0	1978.7
52.5°	1803.4	1800.4	1803.4	1812.6	1824.6	1839.7	1875.9	1897.1	1921.3	1900.1	1833.7
55°	1652.4	1658.5	1652.4	1655.5	1661.5	1670.5	1724.9	1746.1	1791.4	1764.2	1694.7
57.5°	1501.4	1492.3	1501.4	1507.5	1510.4	1519.5	1564.9	1604.1	1631.3	1634.3	1549.7
60°	1326.2	1314.1	1326.2	1353.4	1359.4	1365.4	1407.8	1444.0	1468.2	1477.2	1389.6
62.5°	1172.1	1150.9	1172.1	1190.2	1202.3	1217.4	1247.6	1302.0	1323.1	1326.2	1202.3
65°	1008.9	999.9	1008.9	1045.3	1048.2	1066.3	1099.6	1138.9	1184.1	1178.2	999.9
67.5°	860.9	860.9	860.9	885.1	903.2	912.3	954.6	972.7	1030.1	1036.2	833.8
70°	725.0	722.0	725.0	743.1	755.2	776.4	815.7	836.7	882.1	897.2	676.7
72.5°	595.1	592.1	595.1	610.2	622.3	640.5	673.7	697.9	737.1	755.2	525.7
75°	480.3	474.2	480.3	492.4	489.4	513.5	540.7	564.9	601.2	613.2	389.7
77.5°	368.6	368.6	368.6	380.6	380.6	404.8	416.9	447.1	468.3	486.4	287.0
80°	274.9	271.9	274.9	278.0	278.0	290.0	311.2	332.3	350.4	350.4	196.4
82.5°	193.3	187.3	193.3	193.3	193.3	199.4	211.5	217.5	229.6	238.7	123.9
85°	120.9	120.9	120.9	123.9	120.9	126.8	129.9	135.9	135.9	129.9	75.5
87.5°	78.6	75.5	78.6	75.5	75.5	72.5	72.5	72.5	69.4	66.5	42.3
90°	6.8	6.8	6.8	6.8	6.8	9.0	12.1	13.6	11.7	7.9	5.0
92.5°	27.2	21.8	27.2	32.7	34.0	48.2	67.0	76.5	67.2	48.6	34.5
95°	94.9	78.5	94.9	111.2	115.3	151.5	199.6	223.7	188.9	119.3	67.2
97.5°	227.3	196.1	227.3	258.5	266.3	289.1	319.6	334.7	276.7	160.8	73.8
100°	327.5	290.4	327.5	364.6	373.9	372.2	370.0	368.8	304.5	175.8	79.4
102.5°	426.0	394.3	426.0	457.8	465.8	436.7	397.9	378.6	313.3	182.8	84.9
105°	551.7	534.6	551.7	568.8	573.1	507.9	421.0	377.5	314.3	188.0	93.2
107.5°	634.0	638.1	634.0	629.9	628.9	537.9	416.6	356.0	300.3	188.9	105.3
110°	665.4	683.2	665.4	647.6	643.1	541.5	405.9	338.1	287.9	187.5	112.1





TEST NUMBER: P934145

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-3500K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	668.2	695.5	668.2	640.9	634.0	529.9	391.2	321.9	277.1	187.5	120.3
115°	650.5	688.4	650.5	612.6	603.1	502.9	369.2	302.3	264.7	189.2	132.6
117.5°	613.0	655.0	613.0	570.9	560.4	469.9	349.3	288.9	256.9	192.8	144.7
120°	582.6	623.5	582.6	541.7	531.6	448.9	338.7	283.6	254.3	195.7	151.7
122.5°	553.2	593.4	553.2	512.9	502.8	428.4	329.1	279.5	252.9	199.8	159.9
125°	511.1	548.2	511.1	474.0	464.7	401.5	317.1	275.0	251.8	205.3	170.4
127.5°	473.3	504.6	473.3	442.0	434.2	379.9	307.5	271.3	251.1	210.8	180.6
130°	451.0	479.9	451.0	422.0	414.8	366.5	302.1	269.8	251.5	214.9	187.4
132.5°	430.8	456.7	430.8	404.9	398.4	355.1	297.4	268.6	251.8	218.2	192.9
135°	403.0	425.3	403.0	380.7	375.2	338.9	290.6	266.4	251.5	221.7	199.4
137.5°	380.8	399.1	380.8	362.5	357.9	327.3	286.5	266.1	253.1	227.1	207.6
140°	365.5	382.7	365.5	348.5	344.2	317.8	282.5	264.8	253.3	230.4	213.2
142.5°	352.9	367.6	352.9	338.2	334.6	311.3	280.4	264.8	254.3	233.2	217.3
145°	334.0	345.1	334.0	322.9	320.1	301.1	275.7	263.1	254.3	236.7	223.5
147.5°	319.4	328.7	319.4	310.2	307.9	293.0	273.1	263.1	256.0	241.9	231.4
150°	310.3	317.8	310.3	302.8	300.9	288.3	271.4	263.1	256.9	244.7	235.5
152.5°	302.4	308.0	302.4	296.8	295.4	284.6	270.2	263.1	257.5	246.5	238.2
155°	293.4	297.2	293.4	289.7	288.8	280.2	268.8	263.1	258.9	250.4	244.0
157.5°	286.4	288.9	286.4	283.7	283.0	276.4	267.5	263.1	260.1	254.3	249.9
160°	282.1	283.6	282.1	280.6	280.2	274.5	266.9	263.1	260.7	256.1	252.6
162.5°	279.3	280.7	279.3	277.9	277.5	272.7	266.3	263.1	261.4	258.0	255.5
165°	275.3	276.8	275.3	273.8	273.4	269.9	265.4	263.1	262.3	260.8	259.7
167.5°	272.4	273.1	272.4	271.8	271.6	269.4	266.4	264.8	264.2	263.0	262.0
170°	271.6	271.6	271.6	271.6	271.6	269.4	266.4	264.8	264.8	264.8	264.7
172.5°	269.5	268.9	269.5	270.0	270.2	268.4	266.0	264.8	264.8	264.8	264.8
175°	268.2	268.2	268.2	268.2	268.2	267.1	265.6	264.8	265.2	265.9	266.4
177.5°	267.1	266.4	267.1	267.7	267.9	267.0	265.8	265.2	265.5	266.0	266.4
180°	266.4	266.4	266.4	266.4	266.4	266.4	266.4	266.4	266.4	266.4	266.4



TEST NUMBER: P934145

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-3500K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1
2.5°	3238.3	3220.2	3220.2	3190.0	3178.0	3168.9	3153.8	3108.5	3096.4	3084.3	3102.5
5°	3265.6	3232.4	3208.2	3153.8	3108.5	3090.3	3032.9	2924.2	2851.7	2797.3	2767.1
7.5°	3271.6	3229.3	3184.0	3099.4	2990.6	2942.3	2767.1	2567.7	2513.4	2465.1	2434.8
10°	3265.6	3217.3	3153.8	3026.9	2770.2	2685.5	2510.3	2380.4	2347.2	2338.1	2347.2
12.5°	3244.4	3199.1	3111.5	2900.0	2540.6	2483.2	2380.4	2304.9	2298.9	2314.0	2395.5
15°	3208.2	3165.9	3063.2	2730.9	2413.6	2371.4	2298.9	2271.7	2304.9	2410.7	2655.4
17.5°	3171.9	3123.5	2996.7	2564.8	2317.0	2286.8	2235.5	2289.8	2477.1	2619.1	2700.6
20°	3123.5	3066.1	2921.2	2443.9	2247.5	2220.3	2196.2	2440.9	2582.9	2634.2	2679.6
22.5°	3066.1	3005.8	2818.4	2359.3	2175.0	2153.9	2169.0	2525.5	2582.9	2619.1	2658.4
25°	2990.6	2939.3	2697.7	2292.9	2117.7	2093.5	2150.9	2516.4	2549.6	2558.7	2637.2
27.5°	2921.2	2854.7	2570.7	2232.4	2048.1	2039.1	2165.9	2477.1	2501.3	2510.3	2594.9
30°	2836.6	2737.0	2428.8	2169.0	1975.6	1972.6	2169.0	2428.8	2422.7	2446.9	2531.5
32.5°	2749.0	2561.7	2268.7	2090.4	1906.2	1903.2	2147.8	2356.2	2350.3	2383.5	2446.9
35°	2667.4	2425.8	2051.2	1999.8	1818.5	1821.6	2096.5	2271.7	2274.8	2304.9	2344.2
37.5°	2582.9	2308.0	1812.6	1900.1	1734.0	1734.0	2027.0	2193.2	2187.1	2196.2	2250.6
40°	2483.2	2123.6	1601.1	1770.2	1655.5	1646.3	1942.4	2108.5	2087.4	2084.4	2160.0
42.5°	2377.4	1921.3	1444.0	1598.1	1564.9	1552.7	1839.7	2005.9	1966.6	1975.6	2072.3
45°	2262.6	1866.9	1323.1	1350.4	1471.1	1462.1	1727.9	1888.1	1860.8	1885.0	1984.7
47.5°	2147.8	1758.1	1283.9	1120.8	1371.5	1368.5	1604.1	1773.3	1758.1	1782.3	1888.1
50°	1990.7	1637.3	1280.8	960.6	1259.7	1271.8	1456.0	1661.5	1661.5	1682.6	1794.4
52.5°	1788.4	1489.2	1163.0	870.0	1129.8	1166.0	1326.2	1564.9	1570.8	1592.0	1691.7
55°	1604.1	1335.3	1078.5	800.5	975.7	1054.3	1199.3	1465.1	1477.2	1498.4	1589.0
57.5°	1434.9	1111.7	1060.3	719.0	833.8	909.3	1087.5	1368.5	1374.5	1392.7	1480.2
60°	1253.7	803.5	972.7	631.4	709.9	767.3	984.8	1253.7	1274.8	1286.9	1362.4
62.5°	1048.2	583.1	882.1	570.9	649.5	661.6	900.2	1144.9	1172.1	1181.2	1226.5
65°	746.1	489.4	749.2	519.6	586.0	589.0	809.6	1033.1	1057.3	1072.4	1105.6
67.5°	504.5	398.7	570.9	471.2	537.7	540.7	722.0	903.2	936.4	948.6	969.7
70°	350.4	265.8	422.9	419.9	483.4	489.4	628.3	785.4	815.7	824.7	836.7
72.5°	256.8	214.5	350.4	377.6	426.0	432.0	531.6	652.5	682.7	691.8	697.9
75°	196.4	226.5	283.9	329.3	362.5	365.5	435.0	531.6	552.8	558.9	561.9
77.5°	157.1	211.5	208.4	265.8	296.1	290.0	341.3	410.9	429.0	429.0	429.0
80°	117.8	166.1	157.1	190.3	217.5	211.5	244.7	293.0	299.0	305.1	302.1
82.5°	87.6	105.7	105.7	120.9	145.0	139.0	163.2	190.3	190.3	190.3	196.4
85°	54.4	60.4	48.3	63.5	81.6	78.6	90.6	102.7	105.7	105.7	99.7
87.5°	33.2	27.2	15.1	24.2	36.2	36.2	42.3	45.3	42.3	42.3	42.3
90°	4.6	3.2	1.8	3.2	4.6	5.0	7.9	11.7	13.6	12.1	9.0
92.5°	31.5	19.3	7.1	19.3	31.5	34.5	48.6	67.2	76.5	67.0	48.2
95°	61.7	39.4	17.1	39.4	61.7	67.2	119.3	188.9	223.7	199.6	151.5
97.5°	68.9	49.4	29.7	49.4	68.9	73.8	160.8	276.7	334.7	319.6	289.1
100°	74.9	57.1	39.4	57.1	74.9	79.4	175.8	304.5	368.8	370.0	372.2
102.5°	80.8	64.2	47.6	64.2	80.8	84.9	182.8	313.3	378.6	397.9	436.7
105°	89.7	75.6	61.5	75.6	89.7	93.2	188.0	314.3	377.5	421.0	507.9
107.5°	102.0	88.9	75.8	88.9	102.0	105.3	188.9	300.3	356.0	416.6	537.9
110°	109.2	97.3	85.5	97.3	109.2	112.1	187.5	287.9	338.1	405.9	541.5



TEST NUMBER: P934145

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-3500K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	117.5	106.2	95.0	106.2	117.5	120.3	187.5	277.1	321.9	391.2	529.9
115°	130.1	119.6	109.3	119.6	130.1	132.6	189.2	264.7	302.3	369.2	502.9
117.5°	142.3	132.8	123.4	132.8	142.3	144.7	192.8	256.9	288.9	349.3	469.9
120°	149.4	140.5	131.6	140.5	149.4	151.7	195.7	254.3	283.6	338.7	448.9
122.5°	157.6	148.6	139.6	148.6	157.6	159.9	199.8	252.9	279.5	329.1	428.4
125°	168.3	160.2	152.0	160.2	168.3	170.4	205.3	251.8	275.0	317.1	401.5
127.5°	178.5	170.2	162.0	170.2	178.5	180.6	210.8	251.1	271.3	307.5	379.9
130°	185.1	176.3	167.4	176.3	185.1	187.4	214.9	251.5	269.8	302.1	366.5
132.5°	190.7	181.8	172.9	181.8	190.7	192.9	218.2	251.8	268.6	297.4	355.1
135°	197.4	189.2	181.1	189.2	197.4	199.4	221.7	251.5	266.4	290.6	338.9
137.5°	205.6	197.5	189.5	197.5	205.6	207.6	227.1	253.1	266.1	286.5	327.3
140°	211.3	203.9	196.5	203.9	211.3	213.2	230.4	253.3	264.8	282.5	317.8
142.5°	215.6	208.7	201.9	208.7	215.6	217.3	233.2	254.3	264.8	280.4	311.3
145°	222.0	216.1	210.1	216.1	222.0	223.5	236.7	254.3	263.1	275.7	301.1
147.5°	229.9	224.1	218.3	224.1	229.9	231.4	241.9	256.0	263.1	273.1	293.0
150°	234.1	229.0	223.7	229.0	234.1	235.5	244.7	256.9	263.1	271.4	288.3
152.5°	237.2	233.2	229.2	233.2	237.2	238.2	246.5	257.5	263.1	270.2	284.6
155°	243.3	240.4	237.4	240.4	243.3	244.0	250.4	258.9	263.1	268.8	280.2
157.5°	249.2	246.4	243.5	246.4	249.2	249.9	254.3	260.1	263.1	267.5	276.4
160°	252.1	249.8	247.6	249.8	252.1	252.6	256.1	260.7	263.1	266.9	274.5
162.5°	255.0	253.4	251.7	253.4	255.0	255.5	258.0	261.4	263.1	266.3	272.7
165°	259.3	257.8	256.3	257.8	259.3	259.7	260.8	262.3	263.1	265.4	269.9
167.5°	261.8	261.1	260.4	261.1	261.8	262.0	263.0	264.2	264.8	266.4	269.4
170°	264.5	263.8	263.1	263.8	264.5	264.7	264.8	264.8	264.8	266.4	269.4
172.5°	264.8	264.7	264.5	264.7	264.8	264.8	264.8	264.8	264.8	266.0	268.4
175°	266.4	266.4	266.4	266.4	266.4	266.4	265.9	265.2	264.8	265.6	267.1
177.5°	266.4	266.4	266.4	266.4	266.4	266.4	266.0	265.5	265.2	265.8	267.0
180°	266.4	266.4	266.4	266.4	266.4	266.4	266.4	266.4	266.4	266.4	266.4



TEST NUMBER: P934145

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-3500K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1
2.5°	3081.3	3072.2	3084.3	3051.1	3084.3	3072.2	3081.3	3102.5	3084.3	3096.4	3108.5
5°	2703.7	2688.6	2640.3	2601.0	2640.3	2688.6	2703.7	2767.1	2797.3	2851.7	2924.2
7.5°	2416.7	2404.6	2392.5	2368.4	2392.5	2404.6	2416.7	2434.8	2465.1	2513.4	2567.7
10°	2353.3	2356.2	2374.4	2371.4	2374.4	2356.2	2353.3	2347.2	2338.1	2347.2	2380.4
12.5°	2516.4	2543.6	2643.2	2637.2	2643.2	2543.6	2516.4	2395.5	2314.0	2298.9	2304.9
15°	2703.7	2712.8	2733.9	2737.0	2733.9	2712.8	2703.7	2655.4	2410.7	2304.9	2271.7
17.5°	2721.8	2724.8	2739.9	2739.9	2739.9	2724.8	2721.8	2700.6	2619.1	2477.1	2289.8
20°	2706.7	2712.8	2742.9	2749.0	2742.9	2712.8	2706.7	2679.6	2634.2	2582.9	2440.9
22.5°	2700.6	2712.8	2737.0	2733.9	2737.0	2712.8	2700.6	2658.4	2619.1	2582.9	2525.5
25°	2670.5	2670.5	2673.5	2676.5	2673.5	2670.5	2670.5	2637.2	2558.7	2549.6	2516.4
27.5°	2607.0	2613.1	2631.2	2628.1	2631.2	2613.1	2607.0	2594.9	2510.3	2501.3	2477.1
30°	2549.6	2543.6	2528.4	2516.4	2528.4	2543.6	2549.6	2531.5	2446.9	2422.7	2428.8
32.5°	2452.9	2437.8	2422.7	2413.6	2422.7	2437.8	2452.9	2446.9	2383.5	2350.3	2356.2
35°	2338.1	2341.2	2338.1	2329.1	2338.1	2341.2	2338.1	2344.2	2304.9	2274.8	2271.7
37.5°	2256.6	2262.6	2259.6	2247.5	2259.6	2262.6	2256.6	2250.6	2196.2	2187.1	2193.2
40°	2172.0	2175.0	2172.0	2162.9	2172.0	2175.0	2172.0	2160.0	2084.4	2087.4	2108.5
42.5°	2090.4	2087.4	2078.4	2072.3	2078.4	2087.4	2090.4	2072.3	1975.6	1966.6	2005.9
45°	1996.8	1999.8	1981.7	1972.6	1981.7	1999.8	1996.8	1984.7	1885.0	1860.8	1888.1
47.5°	1903.2	1903.2	1888.1	1879.0	1888.1	1903.2	1903.2	1888.1	1782.3	1758.1	1773.3
50°	1803.4	1800.4	1779.3	1776.3	1779.3	1800.4	1803.4	1794.4	1682.6	1661.5	1661.5
52.5°	1688.7	1688.7	1691.7	1697.8	1691.7	1688.7	1688.7	1691.7	1592.0	1570.8	1564.9
55°	1589.0	1592.0	1613.1	1619.2	1613.1	1592.0	1589.0	1589.0	1498.4	1477.2	1465.1
57.5°	1486.3	1486.3	1501.4	1501.4	1501.4	1486.3	1486.3	1480.2	1392.7	1374.5	1368.5
60°	1368.5	1374.5	1386.6	1383.6	1386.6	1374.5	1368.5	1362.4	1286.9	1274.8	1253.7
62.5°	1244.6	1250.6	1253.7	1247.6	1253.7	1250.6	1244.6	1226.5	1181.2	1172.1	1144.9
65°	1114.7	1120.8	1123.8	1117.7	1123.8	1120.8	1114.7	1105.6	1072.4	1057.3	1033.1
67.5°	981.8	978.8	975.7	987.9	975.7	978.8	981.8	969.7	948.6	936.4	903.2
70°	845.8	845.8	842.8	848.9	842.8	845.8	845.8	836.7	824.7	815.7	785.4
72.5°	700.9	697.9	709.9	700.9	709.9	697.9	700.9	697.9	691.8	682.7	652.5
75°	558.9	564.9	558.9	567.9	558.9	564.9	558.9	561.9	558.9	552.8	531.6
77.5°	426.0	432.0	426.0	426.0	426.0	432.0	426.0	429.0	429.0	429.0	410.9
80°	302.1	299.0	299.0	296.1	299.0	299.0	302.1	302.1	305.1	299.0	293.0
82.5°	193.3	190.3	190.3	196.4	190.3	190.3	193.3	196.4	190.3	190.3	190.3
85°	105.7	108.7	102.7	102.7	102.7	108.7	105.7	99.7	105.7	105.7	102.7
87.5°	39.3	36.2	36.2	36.2	36.2	36.2	39.3	42.3	42.3	42.3	45.3
90°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	9.0	12.1	13.6	11.7
92.5°	34.0	32.7	27.2	21.8	27.2	32.7	34.0	48.2	67.0	76.5	67.2
95°	115.3	111.2	94.9	78.5	94.9	111.2	115.3	151.5	199.6	223.7	188.9
97.5°	266.3	258.5	227.3	196.1	227.3	258.5	266.3	289.1	319.6	334.7	276.7
100°	373.9	364.6	327.5	290.4	327.5	364.6	373.9	372.2	370.0	368.8	304.5
102.5°	465.8	457.8	426.0	394.3	426.0	457.8	465.8	436.7	397.9	378.6	313.3
105°	573.1	568.8	551.7	534.6	551.7	568.8	573.1	507.9	421.0	377.5	314.3
107.5°	628.9	629.9	634.0	638.1	634.0	629.9	628.9	537.9	416.6	356.0	300.3
110°	643.1	647.6	665.4	683.2	665.4	647.6	643.1	541.5	405.9	338.1	287.9



TEST NUMBER: P934145

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-3500K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	634.0	640.9	668.2	695.5	668.2	640.9	634.0	529.9	391.2	321.9	277.1
115°	603.1	612.6	650.5	688.4	650.5	612.6	603.1	502.9	369.2	302.3	264.7
117.5°	560.4	570.9	613.0	655.0	613.0	570.9	560.4	469.9	349.3	288.9	256.9
120°	531.6	541.7	582.6	623.5	582.6	541.7	531.6	448.9	338.7	283.6	254.3
122.5°	502.8	512.9	553.2	593.4	553.2	512.9	502.8	428.4	329.1	279.5	252.9
125°	464.7	474.0	511.1	548.2	511.1	474.0	464.7	401.5	317.1	275.0	251.8
127.5°	434.2	442.0	473.3	504.6	473.3	442.0	434.2	379.9	307.5	271.3	251.1
130°	414.8	422.0	451.0	479.9	451.0	422.0	414.8	366.5	302.1	269.8	251.5
132.5°	398.4	404.9	430.8	456.7	430.8	404.9	398.4	355.1	297.4	268.6	251.8
135°	375.2	380.7	403.0	425.3	403.0	380.7	375.2	338.9	290.6	266.4	251.5
137.5°	357.9	362.5	380.8	399.1	380.8	362.5	357.9	327.3	286.5	266.1	253.1
140°	344.2	348.5	365.5	382.7	365.5	348.5	344.2	317.8	282.5	264.8	253.3
142.5°	334.6	338.2	352.9	367.6	352.9	338.2	334.6	311.3	280.4	264.8	254.3
145°	320.1	322.9	334.0	345.1	334.0	322.9	320.1	301.1	275.7	263.1	254.3
147.5°	307.9	310.2	319.4	328.7	319.4	310.2	307.9	293.0	273.1	263.1	256.0
150°	300.9	302.8	310.3	317.8	310.3	302.8	300.9	288.3	271.4	263.1	256.9
152.5°	295.4	296.8	302.4	308.0	302.4	296.8	295.4	284.6	270.2	263.1	257.5
155°	288.8	289.7	293.4	297.2	293.4	289.7	288.8	280.2	268.8	263.1	258.9
157.5°	283.0	283.7	286.4	288.9	286.4	283.7	283.0	276.4	267.5	263.1	260.1
160°	280.2	280.6	282.1	283.6	282.1	280.6	280.2	274.5	266.9	263.1	260.7
162.5°	277.5	277.9	279.3	280.7	279.3	277.9	277.5	272.7	266.3	263.1	261.4
165°	273.4	273.8	275.3	276.8	275.3	273.8	273.4	269.9	265.4	263.1	262.3
167.5°	271.6	271.8	272.4	273.1	272.4	271.8	271.6	269.4	266.4	264.8	264.2
170°	271.6	271.6	271.6	271.6	271.6	271.6	271.6	269.4	266.4	264.8	264.8
172.5°	270.2	270.0	269.5	268.9	269.5	270.0	270.2	268.4	266.0	264.8	264.8
175°	268.2	268.2	268.2	268.2	268.2	268.2	268.2	267.1	265.6	264.8	265.2
177.5°	267.9	267.7	267.1	266.4	267.1	267.7	267.9	267.0	265.8	265.2	265.5
180°	266.4	266.4	266.4	266.4	266.4	266.4	266.4	266.4	266.4	266.4	266.4



TEST NUMBER: P934145  
 CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-3500K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	3193.1	3193.1	3193.1	3193.1	3193.1
2.5°	3153.8	3168.9	3178.0	3190.0	3220.2
5°	3032.9	3090.3	3108.5	3153.8	3208.2
7.5°	2767.1	2942.3	2990.6	3099.4	3184.0
10°	2510.3	2685.5	2770.2	3026.9	3153.8
12.5°	2380.4	2483.2	2540.6	2900.0	3111.5
15°	2298.9	2371.4	2413.6	2730.9	3063.2
17.5°	2235.5	2286.8	2317.0	2564.8	2996.7
20°	2196.2	2220.3	2247.5	2443.9	2921.2
22.5°	2169.0	2153.9	2175.0	2359.3	2818.4
25°	2150.9	2093.5	2117.7	2292.9	2697.7
27.5°	2165.9	2039.1	2048.1	2232.4	2570.7
30°	2169.0	1972.6	1975.6	2169.0	2428.8
32.5°	2147.8	1903.2	1906.2	2090.4	2268.7
35°	2096.5	1821.6	1818.5	1999.8	2051.2
37.5°	2027.0	1734.0	1734.0	1900.1	1812.6
40°	1942.4	1646.3	1655.5	1770.2	1601.1
42.5°	1839.7	1552.7	1564.9	1598.1	1444.0
45°	1727.9	1462.1	1471.1	1350.4	1323.1
47.5°	1604.1	1368.5	1371.5	1120.8	1283.9
50°	1456.0	1271.8	1259.7	960.6	1280.8
52.5°	1326.2	1166.0	1129.8	870.0	1163.0
55°	1199.3	1054.3	975.7	800.5	1078.5
57.5°	1087.5	909.3	833.8	719.0	1060.3
60°	984.8	767.3	709.9	631.4	972.7
62.5°	900.2	661.6	649.5	570.9	882.1
65°	809.6	589.0	586.0	519.6	749.2
67.5°	722.0	540.7	537.7	471.2	570.9
70°	628.3	489.4	483.4	419.9	422.9
72.5°	531.6	432.0	426.0	377.6	350.4
75°	435.0	365.5	362.5	329.3	283.9
77.5°	341.3	290.0	296.1	265.8	208.4
80°	244.7	211.5	217.5	190.3	157.1
82.5°	163.2	139.0	145.0	120.9	105.7
85°	90.6	78.6	81.6	63.5	48.3
87.5°	42.3	36.2	36.2	24.2	15.1
90°	7.9	5.0	4.6	3.2	1.8
92.5°	48.6	34.5	31.5	19.3	7.1
95°	119.3	67.2	61.7	39.4	17.1
97.5°	160.8	73.8	68.9	49.4	29.7
100°	175.8	79.4	74.9	57.1	39.4
102.5°	182.8	84.9	80.8	64.2	47.6
105°	188.0	93.2	89.7	75.6	61.5
107.5°	188.9	105.3	102.0	88.9	75.8
110°	187.5	112.1	109.2	97.3	85.5



TEST NUMBER: P934145  
 CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-3500K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	187.5	120.3	117.5	106.2	95.0
115°	189.2	132.6	130.1	119.6	109.3
117.5°	192.8	144.7	142.3	132.8	123.4
120°	195.7	151.7	149.4	140.5	131.6
122.5°	199.8	159.9	157.6	148.6	139.6
125°	205.3	170.4	168.3	160.2	152.0
127.5°	210.8	180.6	178.5	170.2	162.0
130°	214.9	187.4	185.1	176.3	167.4
132.5°	218.2	192.9	190.7	181.8	172.9
135°	221.7	199.4	197.4	189.2	181.1
137.5°	227.1	207.6	205.6	197.5	189.5
140°	230.4	213.2	211.3	203.9	196.5
142.5°	233.2	217.3	215.6	208.7	201.9
145°	236.7	223.5	222.0	216.1	210.1
147.5°	241.9	231.4	229.9	224.1	218.3
150°	244.7	235.5	234.1	229.0	223.7
152.5°	246.5	238.2	237.2	233.2	229.2
155°	250.4	244.0	243.3	240.4	237.4
157.5°	254.3	249.9	249.2	246.4	243.5
160°	256.1	252.6	252.1	249.8	247.6
162.5°	258.0	255.5	255.0	253.4	251.7
165°	260.8	259.7	259.3	257.8	256.3
167.5°	263.0	262.0	261.8	261.1	260.4
170°	264.8	264.7	264.5	263.8	263.1
172.5°	264.8	264.8	264.8	264.7	264.5
175°	265.9	266.4	266.4	266.4	266.4
177.5°	266.0	266.4	266.4	266.4	266.4
180°	266.4	266.4	266.4	266.4	266.4



TEST NUMBER: P934145  
 CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-3500K

**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	16.78	18.04	17.40	18.67	19.38	19.62	20.88	20.24	21.51	22.22
	3H	17.29	18.42	17.92	19.06	19.80	21.00	22.13	21.63	22.77	23.51
	4H	17.50	18.57	18.15	19.21	19.97	21.46	22.53	22.11	23.18	23.94
	6H	17.64	18.62	18.30	19.28	20.06	21.77	22.75	22.43	23.41	24.19
	8H	17.65	18.59	18.32	19.27	20.05	21.86	22.80	22.53	23.48	24.25
	12H	17.63	18.53	18.31	19.20	20.01	21.91	22.81	22.59	23.48	24.29
4H	2H	17.86	18.93	18.52	19.58	20.34	20.08	21.14	20.73	21.79	22.55
	3H	18.93	19.82	19.59	20.50	21.28	21.62	22.51	22.28	23.20	23.98
	4H	19.22	20.03	19.90	20.72	21.53	22.17	22.97	22.85	23.67	24.48
	6H	19.37	20.07	20.07	20.78	21.61	22.56	23.26	23.26	23.97	24.79
	8H	19.38	20.04	20.09	20.75	21.58	22.67	23.33	23.38	24.04	24.87
	12H	19.37	19.96	20.09	20.70	21.53	22.75	23.34	23.48	24.08	24.92
8H	4H	19.71	20.36	20.41	21.07	21.91	22.32	22.98	23.03	23.69	24.52
	6H	19.98	20.53	20.72	21.28	22.12	22.78	23.32	23.51	24.08	24.91
	8H	20.03	20.51	20.78	21.27	22.12	22.93	23.42	23.68	24.18	25.03
	12H	20.03	20.46	20.78	21.21	22.12	23.05	23.48	23.80	24.23	25.14
12H	4H	19.73	20.32	20.46	21.06	21.90	22.31	22.89	23.03	23.63	24.47
	6H	20.05	20.53	20.80	21.29	22.14	22.78	23.26	23.53	24.02	24.87
	8H	20.13	20.56	20.88	21.31	22.22	22.96	23.39	23.71	24.13	25.05