

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: P934125

Luminaire Tested: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-2700K

Issue Date: 12/17/2024

**Test Information**

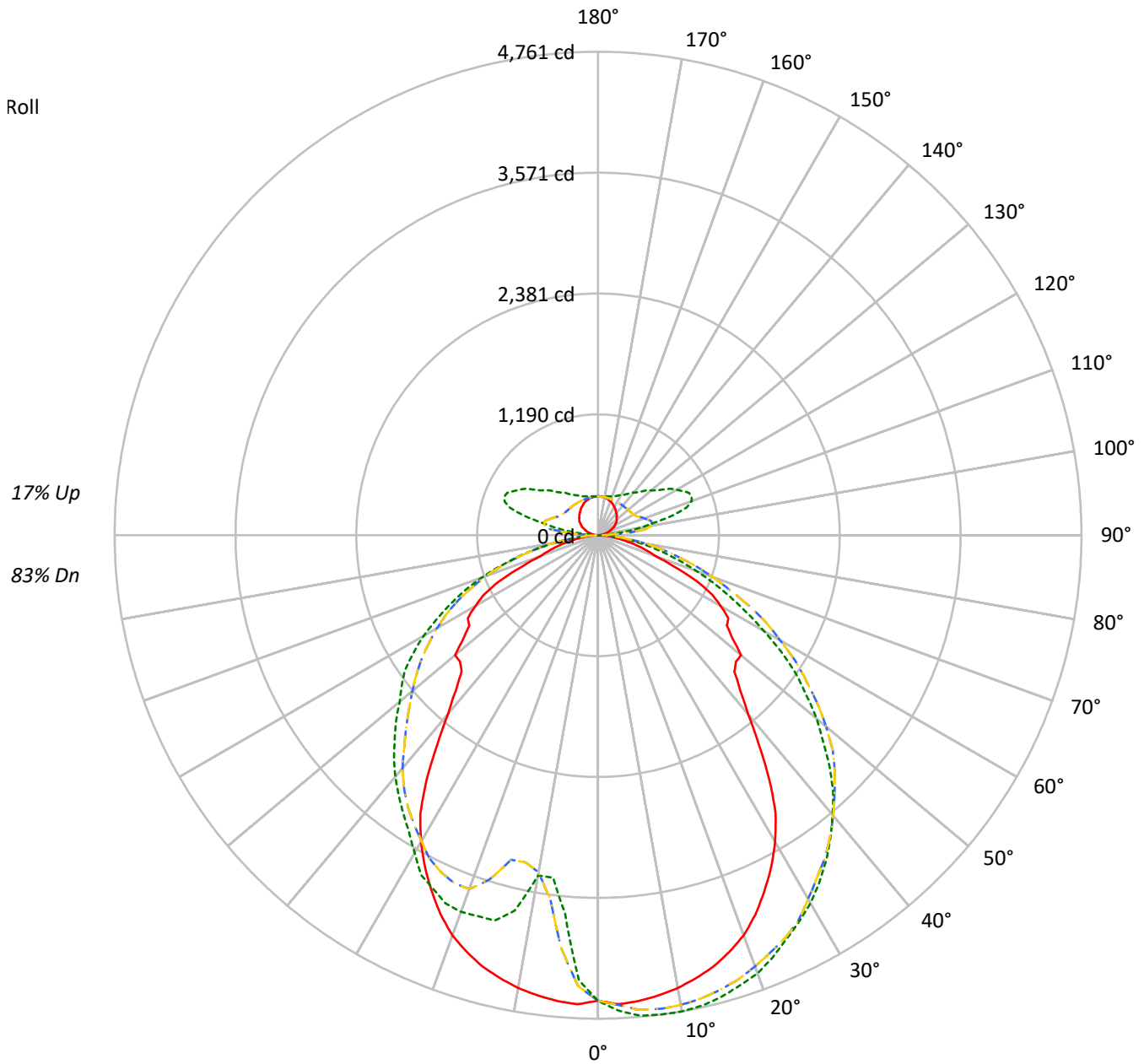
Test Method: LM-79-2019  
Report Number: P934125  
REPORT IS A COMBINATION OF REPORTS P933685 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-2700K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 14363.9 lumens  
Efficiency: N/A  
Efficacy: 96.5 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')  
CIE Type: Semi-Direct  
  
Input Watts (W): 148.8  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P934125  
CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-2700K

### 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°	14177	14177	14177	14177
5°	14287	14310	14287	11252
10°	14197	14096	14197	10078
15°	14048	13791	14048	11516
20°	13760	13429	13760	11540
25°	13164	12901	13164	11295
30°	12392	12463	12392	10758
35°	11053	11909	11053	10168
40°	9215	11257	9215	9722
45°	8239	10493	8239	9210
50°	8760	9582	8760	8695
55°	8249	8601	8249	8398
60°	8514	7305	8514	7691
65°	7732	6039	7732	6750
70°	5367	4812	5367	5658
75°	4724	3557	4724	4260
80°	3835	2352	3835	2561
85°	2249	1246	2249	1059

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 12619 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	413.7	2.9
10°-20°	1174.7	8.2
20°-30°	1815.8	12.6
30°-40°	2167.7	15.1
40°-50°	2180.4	15.2
50°-60°	1897.2	13.2
60°-70°	1345.1	9.4
70°-80°	711.7	5.0
80°-90°	178.7	1.2
90°-100°	186.4	1.3
100°-110°	490.0	3.4
110°-120°	508.1	3.5
120°-130°	407.6	2.8
130°-140°	319.8	2.2
140°-150°	245.5	1.7
150°-160°	176.8	1.2
160°-170°	108.2	0.8
170°-180°	36.5	0.3
0°-30°	3404.2	23.7
0°-40°	5571.9	38.8
0°-60°	9649.4	67.2
0°-90°	11885.0	82.7
90°-120°	1184.6	8.2
90°-150°	2157.4	15.0
90°-180°	2479.0	17.3
0°-180°	14363.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	4583	4583	4583	4583	4583	
5°	4605	4748	4605	3733	4605	437
15°	4397	4705	4397	3928	4397	1237
25°	3872	4388	3872	3842	3872	1778
35°	2944	3916	2944	3343	2944	1821
45°	1899	3226	1899	2831	1899	1521
55°	1548	2380	1548	2324	1548	1422
65°	1075	1435	1075	1604	1075	1028
75°	408	681	408	815	408	429
85°	69	174	69	147	69	94
90°	3	10	3	10	3	5
95°	25	113	25	113	25	27
105°	88	767	88	767	88	94
115°	157	988	157	988	157	155
125°	218	787	218	787	218	194
135°	260	610	260	610	260	201
145°	302	495	302	495	302	189
155°	341	427	341	427	341	157
165°	368	397	368	397	368	104
175°	382	385	382	385	382	36
180°	382	382	382	382	382	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3
2.5°	4622.3	4622.3	4648.2	4657.0	4657.0	4643.9	4630.9	4643.9	4682.9	4696.0	4691.6
5°	4604.9	4639.6	4687.3	4696.0	4704.6	4700.3	4691.6	4700.3	4743.7	4752.4	4756.6
7.5°	4570.2	4635.3	4696.0	4709.0	4722.0	4709.0	4704.6	4713.3	4756.6	4765.4	4765.4
10°	4526.9	4617.9	4687.3	4696.0	4709.0	4696.0	4696.0	4713.3	4756.6	4765.4	4769.7
12.5°	4466.1	4591.9	4657.0	4665.6	4682.9	4678.6	4674.3	4691.6	4734.9	4743.7	4743.7
15°	4396.8	4544.2	4604.9	4613.6	4643.9	4635.3	4635.3	4652.6	4700.3	4713.3	4709.0
17.5°	4301.4	4483.5	4552.8	4565.9	4587.5	4583.3	4587.5	4604.9	4648.2	4657.0	4661.2
20°	4193.0	4401.1	4483.5	4496.5	4518.2	4518.2	4518.2	4539.9	4583.3	4600.6	4600.6
22.5°	4045.6	4314.4	4401.1	4409.8	4435.8	4435.8	4444.5	4474.8	4513.8	4518.2	4518.2
25°	3872.1	4219.0	4292.7	4318.7	4344.8	4357.8	4370.7	4388.1	4401.1	4396.8	4401.1
27.5°	3690.0	4097.6	4193.0	4210.3	4245.0	4258.0	4275.3	4279.7	4284.0	4297.0	4288.4
30°	3486.2	3928.5	4071.5	4088.9	4145.3	4154.0	4136.6	4145.3	4166.9	4175.7	4184.3
32.5°	3256.4	3677.0	3945.8	3984.8	4036.9	4010.9	4006.5	4019.5	4054.2	4054.2	4062.9
35°	2944.2	3481.9	3828.7	3863.4	3902.4	3872.1	3889.4	3893.8	3915.5	3928.5	3924.1
37.5°	2601.7	3312.7	3707.3	3733.4	3763.7	3724.7	3750.7	3763.7	3781.1	3772.3	3772.3
40°	2298.1	3048.2	3564.3	3581.6	3607.6	3577.3	3603.3	3611.9	3620.6	3611.9	3607.6
42.5°	2072.6	2757.7	3412.5	3434.2	3416.9	3438.5	3447.2	3464.5	3451.5	3434.2	3434.2
45°	1899.2	2679.7	3247.7	3273.7	3247.7	3282.4	3295.4	3295.4	3256.4	3247.7	3243.4
47.5°	1842.9	2523.6	3083.0	3083.0	3069.9	3113.3	3135.0	3104.6	3065.6	3052.6	3052.6
50°	1838.5	2350.1	2857.5	2840.1	2900.8	2952.9	2931.2	2900.8	2870.5	2822.8	2822.8
52.5°	1669.4	2137.7	2566.9	2632.0	2727.4	2757.7	2723.0	2692.7	2640.6	2619.0	2601.7
55°	1547.9	1916.6	2302.5	2432.6	2532.2	2571.3	2506.3	2475.9	2397.9	2384.8	2376.2
57.5°	1522.0	1595.7	2059.6	2224.4	2345.8	2341.5	2302.5	2246.1	2181.0	2168.0	2163.7
60°	1396.2	1153.4	1799.5	1994.6	2120.4	2107.3	2072.6	2020.6	1959.9	1951.3	1942.5
62.5°	1266.2	836.9	1504.6	1725.8	1903.5	1899.2	1868.8	1790.8	1747.5	1725.8	1708.4
65°	1075.3	702.4	1071.0	1435.3	1691.1	1699.7	1634.7	1578.3	1530.6	1504.6	1500.3
67.5°	819.5	572.4	724.1	1196.7	1487.3	1478.6	1396.2	1370.2	1309.5	1296.5	1270.4
70°	607.0	381.5	503.0	971.3	1287.8	1266.2	1201.1	1170.8	1114.4	1084.0	1066.6
72.5°	503.0	307.8	368.6	754.5	1084.0	1058.0	1001.6	967.0	919.2	893.2	875.9
75°	407.6	325.2	281.9	559.4	880.2	862.8	810.8	776.1	737.1	702.4	706.8
77.5°	299.2	303.6	225.5	411.9	698.1	672.1	641.7	598.4	581.1	546.4	546.4
80°	225.5	238.5	169.1	281.9	503.0	503.0	476.9	446.6	416.3	398.9	398.9
82.5°	151.8	151.8	125.7	177.7	342.6	329.5	312.2	303.6	286.2	277.5	277.5
85°	69.4	86.7	78.1	108.4	186.5	195.1	195.1	186.5	182.1	173.5	177.7
87.5°	21.7	39.0	47.7	60.7	95.4	99.8	104.0	104.0	104.0	108.4	108.4
90°	2.6	4.6	6.7	7.2	11.3	16.7	19.5	17.3	13.0	9.7	9.7
92.5°	10.2	27.7	45.2	49.5	69.6	96.4	109.8	96.3	69.1	48.8	46.8
95°	24.6	56.5	88.5	96.5	171.3	271.2	321.1	286.5	217.4	165.5	159.6
97.5°	42.6	70.8	99.0	106.0	230.8	397.3	480.4	458.6	414.9	382.1	370.9
100°	56.5	82.0	107.5	113.9	252.5	437.1	529.5	531.1	534.3	536.6	523.3
102.5°	68.2	92.1	115.9	121.9	262.4	449.7	543.3	571.2	626.8	668.5	657.1
105°	88.3	108.5	128.6	133.7	269.7	451.1	541.8	604.1	728.9	822.5	816.4
107.5°	108.8	127.6	146.5	151.2	271.1	431.0	510.9	598.0	772.0	902.6	904.1
110°	122.7	139.6	156.6	160.9	269.1	413.2	485.3	582.6	777.2	923.1	929.5



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	136.3	152.5	168.7	172.7	269.1	397.7	462.0	561.6	760.7	910.1	919.9
115°	156.8	171.8	186.7	190.5	271.6	379.8	434.0	529.9	721.7	865.7	879.2
117.5°	177.1	190.6	204.2	207.6	276.7	368.7	414.8	501.4	674.5	804.3	819.5
120°	188.8	201.7	214.5	217.6	280.8	364.9	407.0	486.1	644.4	763.0	777.7
122.5°	200.5	213.4	226.2	229.4	286.6	362.9	401.1	472.3	614.8	721.7	736.1
125°	218.1	229.9	241.7	244.6	294.7	361.4	394.7	455.2	576.2	667.0	680.3
127.5°	232.5	244.4	256.2	259.2	302.6	360.4	389.3	441.2	545.2	623.1	634.4
130°	240.2	253.0	265.8	269.0	308.4	361.0	387.3	433.6	526.1	595.4	605.8
132.5°	248.2	260.9	273.7	276.9	313.1	361.4	385.5	426.9	509.7	571.8	581.1
135°	260.0	271.6	283.2	286.1	318.2	361.0	382.4	417.1	486.4	538.4	546.5
137.5°	272.0	283.6	295.0	297.9	325.9	363.3	381.9	411.2	469.8	513.8	520.3
140°	282.0	292.6	303.3	305.9	330.6	363.6	380.1	405.4	456.0	494.0	500.2
142.5°	289.7	299.5	309.4	311.8	334.6	364.9	380.1	402.3	446.8	480.2	485.5
145°	301.6	310.1	318.7	320.8	339.7	364.9	377.5	395.7	432.1	459.4	463.4
147.5°	313.4	321.7	330.0	332.1	347.2	367.4	377.5	391.9	420.5	441.9	445.3
150°	321.1	328.6	336.1	338.0	351.1	368.7	377.5	389.7	413.8	431.9	434.6
152.5°	329.0	334.7	340.4	341.8	353.7	369.6	377.5	387.9	408.5	424.0	426.0
155°	340.8	345.0	349.3	350.3	359.3	371.5	377.5	385.7	402.2	414.5	415.9
157.5°	349.5	353.6	357.8	358.8	365.1	373.3	377.5	383.9	396.7	406.2	407.2
160°	355.5	358.6	361.9	362.7	367.6	374.2	377.5	383.0	393.9	402.1	402.6
162.5°	361.4	363.8	366.2	366.8	370.3	375.1	377.5	382.1	391.4	398.3	398.8
165°	367.8	369.9	372.1	372.7	374.3	376.4	377.5	380.9	387.4	392.4	392.9
167.5°	373.7	374.7	375.7	376.0	377.4	379.1	380.1	382.2	386.6	389.8	390.1
170°	377.5	378.5	379.6	379.8	379.9	380.0	380.1	382.2	386.6	389.8	389.8
172.5°	379.6	379.8	380.0	380.1	380.1	380.1	380.1	381.8	385.2	387.8	387.6
175°	382.4	382.4	382.4	382.4	381.6	380.6	380.1	381.2	383.3	385.0	385.0
177.5°	382.4	382.4	382.4	382.4	381.8	381.0	380.6	381.5	383.2	384.4	384.2
180°	382.4	382.4	382.4	382.4	382.4	382.4	382.4	382.4	382.4	382.4	382.4



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3
2.5°	4700.3	4687.3	4700.3	4691.6	4696.0	4682.9	4643.9	4630.9	4643.9	4657.0	4657.0
5°	4756.6	4748.0	4756.6	4756.6	4752.4	4743.7	4700.3	4691.6	4700.3	4704.6	4696.0
7.5°	4774.0	4761.0	4774.0	4765.4	4765.4	4756.6	4713.3	4704.6	4709.0	4722.0	4709.0
10°	4774.0	4761.0	4774.0	4769.7	4765.4	4756.6	4713.3	4696.0	4696.0	4709.0	4696.0
12.5°	4752.4	4743.7	4752.4	4743.7	4743.7	4734.9	4691.6	4674.3	4678.6	4682.9	4665.6
15°	4717.6	4704.6	4717.6	4709.0	4713.3	4700.3	4652.6	4635.3	4635.3	4643.9	4613.6
17.5°	4665.6	4648.2	4665.6	4661.2	4657.0	4648.2	4604.9	4587.5	4583.3	4587.5	4565.9
20°	4604.9	4591.9	4604.9	4600.6	4600.6	4583.3	4539.9	4518.2	4518.2	4518.2	4496.5
22.5°	4509.5	4496.5	4509.5	4518.2	4518.2	4513.8	4474.8	4444.5	4435.8	4435.8	4409.8
25°	4401.1	4388.1	4401.1	4401.1	4396.8	4401.1	4388.1	4370.7	4357.8	4344.8	4318.7
27.5°	4297.0	4288.4	4297.0	4288.4	4297.0	4284.0	4279.7	4275.3	4258.0	4245.0	4210.3
30°	4193.0	4184.3	4193.0	4184.3	4175.7	4166.9	4145.3	4136.6	4154.0	4145.3	4088.9
32.5°	4062.9	4054.2	4062.9	4062.9	4054.2	4054.2	4019.5	4006.5	4010.9	4036.9	3984.8
35°	3928.5	3915.5	3928.5	3924.1	3928.5	3915.5	3893.8	3889.4	3872.1	3902.4	3863.4
37.5°	3772.3	3759.4	3772.3	3772.3	3772.3	3781.1	3763.7	3750.7	3724.7	3763.7	3733.4
40°	3611.9	3594.6	3611.9	3607.6	3611.9	3620.6	3611.9	3603.3	3577.3	3607.6	3581.6
42.5°	3429.8	3425.5	3429.8	3434.2	3434.2	3451.5	3464.5	3447.2	3438.5	3416.9	3434.2
45°	3234.7	3226.0	3234.7	3243.4	3247.7	3256.4	3295.4	3295.4	3282.4	3247.7	3273.7
47.5°	3026.6	3004.9	3026.6	3052.6	3052.6	3065.6	3104.6	3135.0	3113.3	3069.9	3083.0
50°	2805.5	2809.7	2805.5	2822.8	2822.8	2870.5	2900.8	2931.2	2952.9	2900.8	2840.1
52.5°	2588.6	2584.3	2588.6	2601.7	2619.0	2640.6	2692.7	2723.0	2757.7	2727.4	2632.0
55°	2371.8	2380.5	2371.8	2376.2	2384.8	2397.9	2475.9	2506.3	2571.3	2532.2	2432.6
57.5°	2155.1	2142.0	2155.1	2163.7	2168.0	2181.0	2246.1	2302.5	2341.5	2345.8	2224.4
60°	1903.5	1886.2	1903.5	1942.5	1951.3	1959.9	2020.6	2072.6	2107.3	2120.4	1994.6
62.5°	1682.4	1652.1	1682.4	1708.4	1725.8	1747.5	1790.8	1868.8	1899.2	1903.5	1725.8
65°	1448.3	1435.3	1448.3	1500.3	1504.6	1530.6	1578.3	1634.7	1699.7	1691.1	1435.3
67.5°	1235.8	1235.8	1235.8	1270.4	1296.5	1309.5	1370.2	1396.2	1478.6	1487.3	1196.7
70°	1040.7	1036.3	1040.7	1066.6	1084.0	1114.4	1170.8	1201.1	1266.2	1287.8	971.3
72.5°	854.2	849.9	854.2	875.9	893.2	919.2	967.0	1001.6	1058.0	1084.0	754.5
75°	689.5	680.7	689.5	706.8	702.4	737.1	776.1	810.8	862.8	880.2	559.4
77.5°	529.0	529.0	529.0	546.4	546.4	581.1	598.4	641.7	672.1	698.1	411.9
80°	394.6	390.3	394.6	398.9	398.9	416.3	446.6	476.9	503.0	503.0	281.9
82.5°	277.5	268.8	277.5	277.5	277.5	286.2	303.6	312.2	329.5	342.6	177.7
85°	173.5	173.5	173.5	177.7	173.5	182.1	186.5	195.1	195.1	186.5	108.4
87.5°	112.7	108.4	112.7	108.4	108.4	104.0	104.0	104.0	99.8	95.4	60.7
90°	9.7	9.7	9.7	9.7	9.7	13.0	17.3	19.5	16.7	11.3	7.2
92.5°	39.1	31.3	39.1	46.8	48.8	69.1	96.3	109.8	96.4	69.6	49.5
95°	136.1	112.7	136.1	159.6	165.5	217.4	286.5	321.1	271.2	171.3	96.5
97.5°	326.3	281.5	326.3	370.9	382.1	414.9	458.6	480.4	397.3	230.8	106.0
100°	470.1	416.8	470.1	523.3	536.6	534.3	531.1	529.5	437.1	252.5	113.9
102.5°	611.5	565.9	611.5	657.1	668.5	626.8	571.2	543.3	449.7	262.4	121.9
105°	791.9	767.3	791.9	816.4	822.5	728.9	604.1	541.8	451.1	269.7	133.7
107.5°	910.1	916.0	910.1	904.1	902.6	772.0	598.0	510.9	431.0	271.1	151.2
110°	955.1	980.6	955.1	929.5	923.1	777.2	582.6	485.3	413.2	269.1	160.9





TEST NUMBER: P934125

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-2700K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	959.1	998.3	959.1	919.9	910.1	760.7	561.6	462.0	397.7	269.1	172.7
115°	933.6	988.1	933.6	879.2	865.7	721.7	529.9	434.0	379.8	271.6	190.5
117.5°	879.8	940.1	879.8	819.5	804.3	674.5	501.4	414.8	368.7	276.7	207.6
120°	836.3	894.9	836.3	777.7	763.0	644.4	486.1	407.0	364.9	280.8	217.6
122.5°	794.0	851.8	794.0	736.1	721.7	614.8	472.3	401.1	362.9	286.6	229.4
125°	733.5	786.8	733.5	680.3	667.0	576.2	455.2	394.7	361.4	294.7	244.6
127.5°	679.3	724.2	679.3	634.4	623.1	545.2	441.2	389.3	360.4	302.6	259.2
130°	647.3	688.9	647.3	605.8	595.4	526.1	433.6	387.3	361.0	308.4	269.0
132.5°	618.3	655.5	618.3	581.1	571.8	509.7	426.9	385.5	361.4	313.1	276.9
135°	578.5	610.5	578.5	546.5	538.4	486.4	417.1	382.4	361.0	318.2	286.1
137.5°	546.6	572.9	546.6	520.3	513.8	469.8	411.2	381.9	363.3	325.9	297.9
140°	524.7	549.2	524.7	500.2	494.0	456.0	405.4	380.1	363.6	330.6	305.9
142.5°	506.6	527.7	506.6	485.5	480.2	446.8	402.3	380.1	364.9	334.6	311.8
145°	479.3	495.3	479.3	463.4	459.4	432.1	395.7	377.5	364.9	339.7	320.8
147.5°	458.5	471.7	458.5	445.3	441.9	420.5	391.9	377.5	367.4	347.2	332.1
150°	445.3	456.0	445.3	434.6	431.9	413.8	389.7	377.5	368.7	351.1	338.0
152.5°	434.1	442.2	434.1	426.0	424.0	408.5	387.9	377.5	369.6	353.7	341.8
155°	421.2	426.6	421.2	415.9	414.5	402.2	385.7	377.5	371.5	359.3	350.3
157.5°	411.0	414.8	411.0	407.2	406.2	396.7	383.9	377.5	373.3	365.1	358.8
160°	404.9	407.0	404.9	402.6	402.1	393.9	383.0	377.5	374.2	367.6	362.7
162.5°	400.8	402.9	400.8	398.8	398.3	391.4	382.1	377.5	375.1	370.3	366.8
165°	395.1	397.3	395.1	392.9	392.4	387.4	380.9	377.5	376.4	374.3	372.7
167.5°	390.9	391.9	390.9	390.1	389.8	386.6	382.2	380.1	379.1	377.4	376.0
170°	389.8	389.8	389.8	389.8	389.8	386.6	382.2	380.1	380.0	379.9	379.8
172.5°	386.7	386.0	386.7	387.6	387.8	385.2	381.8	380.1	380.1	380.1	380.1
175°	385.0	385.0	385.0	385.0	385.0	383.3	381.2	380.1	380.6	381.6	382.4
177.5°	383.3	382.4	383.3	384.2	384.4	383.2	381.5	380.6	381.0	381.8	382.4
180°	382.4	382.4	382.4	382.4	382.4	382.4	382.4	382.4	382.4	382.4	382.4



TEST NUMBER: P934125  
 CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-2700K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3
2.5°	4648.2	4622.3	4622.3	4578.9	4561.6	4548.6	4526.9	4461.8	4444.5	4427.1	4453.2
5°	4687.3	4639.6	4604.9	4526.9	4461.8	4435.8	4353.4	4197.3	4093.2	4015.2	3971.9
7.5°	4696.0	4635.3	4570.2	4448.8	4292.7	4223.3	3971.9	3685.6	3607.6	3538.2	3494.8
10°	4687.3	4617.9	4526.9	4344.8	3976.1	3854.8	3603.3	3416.9	3369.1	3356.1	3369.1
12.5°	4657.0	4591.9	4466.1	4162.6	3646.6	3564.3	3416.9	3308.4	3299.8	3321.4	3438.5
15°	4604.9	4544.2	4396.8	3919.8	3464.5	3403.8	3299.8	3260.7	3308.4	3460.2	3811.4
17.5°	4552.8	4483.5	4301.4	3681.3	3325.8	3282.4	3208.7	3286.8	3555.6	3759.4	3876.5
20°	4483.5	4401.1	4193.0	3507.9	3226.0	3187.0	3152.3	3503.5	3707.3	3781.1	3846.1
22.5°	4401.1	4314.4	4045.6	3386.4	3122.0	3091.6	3113.3	3624.9	3707.3	3759.4	3815.7
25°	4292.7	4219.0	3872.1	3291.0	3039.6	3004.9	3087.2	3611.9	3659.6	3672.7	3785.4
27.5°	4193.0	4097.6	3690.0	3204.3	2939.8	2926.8	3108.9	3555.6	3590.2	3603.3	3724.7
30°	4071.5	3928.5	3486.2	3113.3	2835.8	2831.4	3113.3	3486.2	3477.5	3512.2	3633.6
32.5°	3945.8	3677.0	3256.4	3000.6	2736.0	2731.8	3083.0	3382.1	3373.5	3421.1	3512.2
35°	3828.7	3481.9	2944.2	2870.5	2610.3	2614.7	3009.3	3260.7	3265.1	3308.4	3364.8
37.5°	3707.3	3312.7	2601.7	2727.4	2488.9	2488.9	2909.5	3148.0	3139.3	3152.3	3230.4
40°	3564.3	3048.2	2298.1	2540.9	2376.2	2363.1	2788.1	3026.6	2996.2	2991.9	3100.3
42.5°	3412.5	2757.7	2072.6	2293.8	2246.1	2228.8	2640.6	2879.2	2822.8	2835.8	2974.5
45°	3247.7	2679.7	1899.2	1938.2	2111.7	2098.7	2480.2	2710.1	2671.0	2705.7	2848.8
47.5°	3083.0	2523.6	1842.9	1608.7	1968.6	1964.2	2302.5	2545.3	2523.6	2558.3	2710.1
50°	2857.5	2350.1	1838.5	1378.9	1808.1	1825.4	2090.0	2384.8	2384.8	2415.2	2575.6
52.5°	2566.9	2137.7	1669.4	1248.8	1621.6	1673.7	1903.5	2246.1	2254.7	2285.1	2428.2
55°	2302.5	1916.6	1547.9	1149.1	1400.5	1513.3	1721.4	2102.9	2120.4	2150.7	2280.8
57.5°	2059.6	1595.7	1522.0	1032.0	1196.7	1305.2	1561.0	1964.2	1973.0	1998.9	2124.6
60°	1799.5	1153.4	1396.2	906.2	1019.0	1101.4	1413.6	1799.5	1829.8	1847.1	1955.5
62.5°	1504.6	836.9	1266.2	819.5	932.3	949.6	1292.1	1643.3	1682.4	1695.4	1760.4
65°	1071.0	702.4	1075.3	745.8	841.2	845.5	1162.0	1482.9	1517.6	1539.3	1587.0
67.5°	724.1	572.4	819.5	676.4	771.8	776.1	1036.3	1296.5	1344.1	1361.6	1391.9
70°	503.0	381.5	607.0	602.7	693.8	702.4	901.9	1127.4	1170.8	1183.7	1201.1
72.5°	368.6	307.8	503.0	542.0	611.4	620.1	763.2	936.6	979.9	992.9	1001.6
75°	281.9	325.2	407.6	472.6	520.3	524.7	624.4	763.2	793.5	802.2	806.5
77.5°	225.5	303.6	299.2	381.5	424.9	416.3	490.0	589.7	615.7	615.7	615.7
80°	169.1	238.5	225.5	273.2	312.2	303.6	351.2	420.6	429.3	437.9	433.6
82.5°	125.7	151.8	151.8	173.5	208.2	199.4	234.1	273.2	273.2	273.2	281.9
85°	78.1	86.7	69.4	91.1	117.1	112.7	130.1	147.4	151.8	151.8	143.1
87.5°	47.7	39.0	21.7	34.7	52.0	52.0	60.7	65.0	60.7	60.7	60.7
90°	6.7	4.6	2.6	4.6	6.7	7.2	11.3	16.7	19.5	17.3	13.0
92.5°	45.2	27.7	10.2	27.7	45.2	49.5	69.6	96.4	109.8	96.3	69.1
95°	88.5	56.5	24.6	56.5	88.5	96.5	171.3	271.2	321.1	286.5	217.4
97.5°	99.0	70.8	42.6	70.8	99.0	106.0	230.8	397.3	480.4	458.6	414.9
100°	107.5	82.0	56.5	82.0	107.5	113.9	252.5	437.1	529.5	531.1	534.3
102.5°	115.9	92.1	68.2	92.1	115.9	121.9	262.4	449.7	543.3	571.2	626.8
105°	128.6	108.5	88.3	108.5	128.6	133.7	269.7	451.1	541.8	604.1	728.9
107.5°	146.5	127.6	108.8	127.6	146.5	151.2	271.1	431.0	510.9	598.0	772.0
110°	156.6	139.6	122.7	139.6	156.6	160.9	269.1	413.2	485.3	582.6	777.2



TEST NUMBER: P934125

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-2700K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	168.7	152.5	136.3	152.5	168.7	172.7	269.1	397.7	462.0	561.6	760.7
115°	186.7	171.8	156.8	171.8	186.7	190.5	271.6	379.8	434.0	529.9	721.7
117.5°	204.2	190.6	177.1	190.6	204.2	207.6	276.7	368.7	414.8	501.4	674.5
120°	214.5	201.7	188.8	201.7	214.5	217.6	280.8	364.9	407.0	486.1	644.4
122.5°	226.2	213.4	200.5	213.4	226.2	229.4	286.6	362.9	401.1	472.3	614.8
125°	241.7	229.9	218.1	229.9	241.7	244.6	294.7	361.4	394.7	455.2	576.2
127.5°	256.2	244.4	232.5	244.4	256.2	259.2	302.6	360.4	389.3	441.2	545.2
130°	265.8	253.0	240.2	253.0	265.8	269.0	308.4	361.0	387.3	433.6	526.1
132.5°	273.7	260.9	248.2	260.9	273.7	276.9	313.1	361.4	385.5	426.9	509.7
135°	283.2	271.6	260.0	271.6	283.2	286.1	318.2	361.0	382.4	417.1	486.4
137.5°	295.0	283.6	272.0	283.6	295.0	297.9	325.9	363.3	381.9	411.2	469.8
140°	303.3	292.6	282.0	292.6	303.3	305.9	330.6	363.6	380.1	405.4	456.0
142.5°	309.4	299.5	289.7	299.5	309.4	311.8	334.6	364.9	380.1	402.3	446.8
145°	318.7	310.1	301.6	310.1	318.7	320.8	339.7	364.9	377.5	395.7	432.1
147.5°	330.0	321.7	313.4	321.7	330.0	332.1	347.2	367.4	377.5	391.9	420.5
150°	336.1	328.6	321.1	328.6	336.1	338.0	351.1	368.7	377.5	389.7	413.8
152.5°	340.4	334.7	329.0	334.7	340.4	341.8	353.7	369.6	377.5	387.9	408.5
155°	349.3	345.0	340.8	345.0	349.3	350.3	359.3	371.5	377.5	385.7	402.2
157.5°	357.8	353.6	349.5	353.6	357.8	358.8	365.1	373.3	377.5	383.9	396.7
160°	361.9	358.6	355.5	358.6	361.9	362.7	367.6	374.2	377.5	383.0	393.9
162.5°	366.2	363.8	361.4	363.8	366.2	366.8	370.3	375.1	377.5	382.1	391.4
165°	372.1	369.9	367.8	369.9	372.1	372.7	374.3	376.4	377.5	380.9	387.4
167.5°	375.7	374.7	373.7	374.7	375.7	376.0	377.4	379.1	380.1	382.2	386.6
170°	379.6	378.5	377.5	378.5	379.6	379.8	379.9	380.0	380.1	382.2	386.6
172.5°	380.0	379.8	379.6	379.8	380.0	380.1	380.1	380.1	380.1	381.8	385.2
175°	382.4	382.4	382.4	382.4	382.4	382.4	381.6	380.6	380.1	381.2	383.3
177.5°	382.4	382.4	382.4	382.4	382.4	382.4	381.8	381.0	380.6	381.5	383.2
180°	382.4	382.4	382.4	382.4	382.4	382.4	382.4	382.4	382.4	382.4	382.4



TEST NUMBER: P934125  
 CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-2700K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3	4583.3
2.5°	4422.8	4409.8	4427.1	4379.5	4427.1	4409.8	4422.8	4453.2	4427.1	4444.5	4461.8
5°	3880.8	3859.1	3789.7	3733.4	3789.7	3859.1	3880.8	3971.9	4015.2	4093.2	4197.3
7.5°	3468.9	3451.5	3434.2	3399.5	3434.2	3451.5	3468.9	3494.8	3538.2	3607.6	3685.6
10°	3377.8	3382.1	3408.1	3403.8	3408.1	3382.1	3377.8	3369.1	3356.1	3369.1	3416.9
12.5°	3611.9	3651.0	3794.0	3785.4	3794.0	3651.0	3611.9	3438.5	3321.4	3299.8	3308.4
15°	3880.8	3893.8	3924.1	3928.5	3924.1	3893.8	3880.8	3811.4	3460.2	3308.4	3260.7
17.5°	3906.8	3911.1	3932.8	3932.8	3932.8	3911.1	3906.8	3876.5	3759.4	3555.6	3286.8
20°	3885.1	3893.8	3937.2	3945.8	3937.2	3893.8	3885.1	3846.1	3781.1	3707.3	3503.5
22.5°	3876.5	3893.8	3928.5	3924.1	3928.5	3893.8	3876.5	3815.7	3759.4	3707.3	3624.9
25°	3833.1	3833.1	3837.4	3841.8	3837.4	3833.1	3833.1	3785.4	3672.7	3659.6	3611.9
27.5°	3742.0	3750.7	3776.7	3772.3	3776.7	3750.7	3742.0	3724.7	3603.3	3590.2	3555.6
30°	3659.6	3651.0	3629.3	3611.9	3629.3	3651.0	3659.6	3633.6	3512.2	3477.5	3486.2
32.5°	3520.9	3499.2	3477.5	3464.5	3477.5	3499.2	3520.9	3512.2	3421.1	3373.5	3382.1
35°	3356.1	3360.5	3356.1	3343.1	3356.1	3360.5	3356.1	3364.8	3308.4	3265.1	3260.7
37.5°	3239.0	3247.7	3243.4	3226.0	3243.4	3247.7	3239.0	3230.4	3152.3	3139.3	3148.0
40°	3117.7	3122.0	3117.7	3104.6	3117.7	3122.0	3117.7	3100.3	2991.9	2996.2	3026.6
42.5°	3000.6	2996.2	2983.2	2974.5	2983.2	2996.2	3000.6	2974.5	2835.8	2822.8	2879.2
45°	2866.1	2870.5	2844.4	2831.4	2844.4	2870.5	2866.1	2848.8	2705.7	2671.0	2710.1
47.5°	2731.8	2731.8	2710.1	2697.0	2710.1	2731.8	2731.8	2710.1	2558.3	2523.6	2545.3
50°	2588.6	2584.3	2553.9	2549.6	2553.9	2584.3	2588.6	2575.6	2415.2	2384.8	2384.8
52.5°	2423.8	2423.8	2428.2	2436.8	2428.2	2423.8	2423.8	2428.2	2285.1	2254.7	2246.1
55°	2280.8	2285.1	2315.5	2324.2	2315.5	2285.1	2280.8	2280.8	2150.7	2120.4	2102.9
57.5°	2133.4	2133.4	2155.1	2155.1	2155.1	2133.4	2133.4	2124.6	1998.9	1973.0	1964.2
60°	1964.2	1973.0	1990.3	1985.9	1990.3	1973.0	1964.2	1955.5	1847.1	1829.8	1799.5
62.5°	1786.5	1795.1	1799.5	1790.8	1799.5	1795.1	1786.5	1760.4	1695.4	1682.4	1643.3
65°	1600.0	1608.7	1613.0	1604.3	1613.0	1608.7	1600.0	1587.0	1539.3	1517.6	1482.9
67.5°	1409.2	1404.9	1400.5	1417.9	1400.5	1404.9	1409.2	1391.9	1361.6	1344.1	1296.5
70°	1214.1	1214.1	1209.8	1218.4	1209.8	1214.1	1214.1	1201.1	1183.7	1170.8	1127.4
72.5°	1006.0	1001.6	1019.0	1006.0	1019.0	1001.6	1006.0	1001.6	992.9	979.9	936.6
75°	802.2	810.8	802.2	815.2	802.2	810.8	802.2	806.5	802.2	793.5	763.2
77.5°	611.4	620.1	611.4	611.4	611.4	620.1	611.4	615.7	615.7	615.7	589.7
80°	433.6	429.3	429.3	424.9	429.3	429.3	433.6	433.6	437.9	429.3	420.6
82.5°	277.5	273.2	273.2	281.9	273.2	273.2	277.5	281.9	273.2	273.2	273.2
85°	151.8	156.1	147.4	147.4	147.4	156.1	151.8	143.1	151.8	151.8	147.4
87.5°	56.4	52.0	52.0	52.0	52.0	52.0	56.4	60.7	60.7	60.7	65.0
90°	9.7	9.7	9.7	9.7	9.7	9.7	9.7	13.0	17.3	19.5	16.7
92.5°	48.8	46.8	39.1	31.3	39.1	46.8	48.8	69.1	96.3	109.8	96.4
95°	165.5	159.6	136.1	112.7	136.1	159.6	165.5	217.4	286.5	321.1	271.2
97.5°	382.1	370.9	326.3	281.5	326.3	370.9	382.1	414.9	458.6	480.4	397.3
100°	536.6	523.3	470.1	416.8	470.1	523.3	536.6	534.3	531.1	529.5	437.1
102.5°	668.5	657.1	611.5	565.9	611.5	657.1	668.5	626.8	571.2	543.3	449.7
105°	822.5	816.4	791.9	767.3	791.9	816.4	822.5	728.9	604.1	541.8	451.1
107.5°	902.6	904.1	910.1	916.0	910.1	904.1	902.6	772.0	598.0	510.9	431.0
110°	923.1	929.5	955.1	980.6	955.1	929.5	923.1	777.2	582.6	485.3	413.2



TEST NUMBER: P934125

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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	910.1	919.9	959.1	998.3	959.1	919.9	910.1	760.7	561.6	462.0	397.7
115°	865.7	879.2	933.6	988.1	933.6	879.2	865.7	721.7	529.9	434.0	379.8
117.5°	804.3	819.5	879.8	940.1	879.8	819.5	804.3	674.5	501.4	414.8	368.7
120°	763.0	777.7	836.3	894.9	836.3	777.7	763.0	644.4	486.1	407.0	364.9
122.5°	721.7	736.1	794.0	851.8	794.0	736.1	721.7	614.8	472.3	401.1	362.9
125°	667.0	680.3	733.5	786.8	733.5	680.3	667.0	576.2	455.2	394.7	361.4
127.5°	623.1	634.4	679.3	724.2	679.3	634.4	623.1	545.2	441.2	389.3	360.4
130°	595.4	605.8	647.3	688.9	647.3	605.8	595.4	526.1	433.6	387.3	361.0
132.5°	571.8	581.1	618.3	655.5	618.3	581.1	571.8	509.7	426.9	385.5	361.4
135°	538.4	546.5	578.5	610.5	578.5	546.5	538.4	486.4	417.1	382.4	361.0
137.5°	513.8	520.3	546.6	572.9	546.6	520.3	513.8	469.8	411.2	381.9	363.3
140°	494.0	500.2	524.7	549.2	524.7	500.2	494.0	456.0	405.4	380.1	363.6
142.5°	480.2	485.5	506.6	527.7	506.6	485.5	480.2	446.8	402.3	380.1	364.9
145°	459.4	463.4	479.3	495.3	479.3	463.4	459.4	432.1	395.7	377.5	364.9
147.5°	441.9	445.3	458.5	471.7	458.5	445.3	441.9	420.5	391.9	377.5	367.4
150°	431.9	434.6	445.3	456.0	445.3	434.6	431.9	413.8	389.7	377.5	368.7
152.5°	424.0	426.0	434.1	442.2	434.1	426.0	424.0	408.5	387.9	377.5	369.6
155°	414.5	415.9	421.2	426.6	421.2	415.9	414.5	402.2	385.7	377.5	371.5
157.5°	406.2	407.2	411.0	414.8	411.0	407.2	406.2	396.7	383.9	377.5	373.3
160°	402.1	402.6	404.9	407.0	404.9	402.6	402.1	393.9	383.0	377.5	374.2
162.5°	398.3	398.8	400.8	402.9	400.8	398.8	398.3	391.4	382.1	377.5	375.1
165°	392.4	392.9	395.1	397.3	395.1	392.9	392.4	387.4	380.9	377.5	376.4
167.5°	389.8	390.1	390.9	391.9	390.9	390.1	389.8	386.6	382.2	380.1	379.1
170°	389.8	389.8	389.8	389.8	389.8	389.8	389.8	386.6	382.2	380.1	380.0
172.5°	387.8	387.6	386.7	386.0	386.7	387.6	387.8	385.2	381.8	380.1	380.1
175°	385.0	385.0	385.0	385.0	385.0	385.0	385.0	383.3	381.2	380.1	380.6
177.5°	384.4	384.2	383.3	382.4	383.3	384.2	384.4	383.2	381.5	380.6	381.0
180°	382.4	382.4	382.4	382.4	382.4	382.4	382.4	382.4	382.4	382.4	382.4



TEST NUMBER: P934125

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-2700K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	4583.3	4583.3	4583.3	4583.3	4583.3
2.5°	4526.9	4548.6	4561.6	4578.9	4622.3
5°	4353.4	4435.8	4461.8	4526.9	4604.9
7.5°	3971.9	4223.3	4292.7	4448.8	4570.2
10°	3603.3	3854.8	3976.1	4344.8	4526.9
12.5°	3416.9	3564.3	3646.6	4162.6	4466.1
15°	3299.8	3403.8	3464.5	3919.8	4396.8
17.5°	3208.7	3282.4	3325.8	3681.3	4301.4
20°	3152.3	3187.0	3226.0	3507.9	4193.0
22.5°	3113.3	3091.6	3122.0	3386.4	4045.6
25°	3087.2	3004.9	3039.6	3291.0	3872.1
27.5°	3108.9	2926.8	2939.8	3204.3	3690.0
30°	3113.3	2831.4	2835.8	3113.3	3486.2
32.5°	3083.0	2731.8	2736.0	3000.6	3256.4
35°	3009.3	2614.7	2610.3	2870.5	2944.2
37.5°	2909.5	2488.9	2488.9	2727.4	2601.7
40°	2788.1	2363.1	2376.2	2540.9	2298.1
42.5°	2640.6	2228.8	2246.1	2293.8	2072.6
45°	2480.2	2098.7	2111.7	1938.2	1899.2
47.5°	2302.5	1964.2	1968.6	1608.7	1842.9
50°	2090.0	1825.4	1808.1	1378.9	1838.5
52.5°	1903.5	1673.7	1621.6	1248.8	1669.4
55°	1721.4	1513.3	1400.5	1149.1	1547.9
57.5°	1561.0	1305.2	1196.7	1032.0	1522.0
60°	1413.6	1101.4	1019.0	906.2	1396.2
62.5°	1292.1	949.6	932.3	819.5	1266.2
65°	1162.0	845.5	841.2	745.8	1075.3
67.5°	1036.3	776.1	771.8	676.4	819.5
70°	901.9	702.4	693.8	602.7	607.0
72.5°	763.2	620.1	611.4	542.0	503.0
75°	624.4	524.7	520.3	472.6	407.6
77.5°	490.0	416.3	424.9	381.5	299.2
80°	351.2	303.6	312.2	273.2	225.5
82.5°	234.1	199.4	208.2	173.5	151.8
85°	130.1	112.7	117.1	91.1	69.4
87.5°	60.7	52.0	52.0	34.7	21.7
90°	11.3	7.2	6.7	4.6	2.6
92.5°	69.6	49.5	45.2	27.7	10.2
95°	171.3	96.5	88.5	56.5	24.6
97.5°	230.8	106.0	99.0	70.8	42.6
100°	252.5	113.9	107.5	82.0	56.5
102.5°	262.4	121.9	115.9	92.1	68.2
105°	269.7	133.7	128.6	108.5	88.3
107.5°	271.1	151.2	146.5	127.6	108.8
110°	269.1	160.9	156.6	139.6	122.7



TEST NUMBER: P934125

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-2700K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	269.1	172.7	168.7	152.5	136.3
115°	271.6	190.5	186.7	171.8	156.8
117.5°	276.7	207.6	204.2	190.6	177.1
120°	280.8	217.6	214.5	201.7	188.8
122.5°	286.6	229.4	226.2	213.4	200.5
125°	294.7	244.6	241.7	229.9	218.1
127.5°	302.6	259.2	256.2	244.4	232.5
130°	308.4	269.0	265.8	253.0	240.2
132.5°	313.1	276.9	273.7	260.9	248.2
135°	318.2	286.1	283.2	271.6	260.0
137.5°	325.9	297.9	295.0	283.6	272.0
140°	330.6	305.9	303.3	292.6	282.0
142.5°	334.6	311.8	309.4	299.5	289.7
145°	339.7	320.8	318.7	310.1	301.6
147.5°	347.2	332.1	330.0	321.7	313.4
150°	351.1	338.0	336.1	328.6	321.1
152.5°	353.7	341.8	340.4	334.7	329.0
155°	359.3	350.3	349.3	345.0	340.8
157.5°	365.1	358.8	357.8	353.6	349.5
160°	367.6	362.7	361.9	358.6	355.5
162.5°	370.3	366.8	366.2	363.8	361.4
165°	374.3	372.7	372.1	369.9	367.8
167.5°	377.4	376.0	375.7	374.7	373.7
170°	379.9	379.8	379.6	378.5	377.5
172.5°	380.1	380.1	380.0	379.8	379.6
175°	381.6	382.4	382.4	382.4	382.4
177.5°	381.8	382.4	382.4	382.4	382.4
180°	382.4	382.4	382.4	382.4	382.4



TEST NUMBER: P934125  
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**CIE UGR TABLE:**

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	16.64	17.89	17.25	18.52	19.23	19.49	20.75	20.10	21.37	22.08
	3H	17.14	18.27	17.77	18.91	19.66	20.87	22.00	21.50	22.64	23.38
	4H	17.35	18.42	18.00	19.07	19.83	21.33	22.40	21.98	23.05	23.81
	6H	17.49	18.47	18.15	19.13	19.91	21.64	22.63	22.31	23.29	24.06
	8H	17.50	18.44	18.17	19.12	19.90	21.73	22.67	22.41	23.35	24.13
	12H	17.49	18.38	18.16	19.06	19.86	21.79	22.69	22.47	23.36	24.17
4H	2H	17.72	18.79	18.37	19.43	20.20	19.94	21.01	20.59	21.66	22.42
	3H	18.78	19.67	19.45	20.36	21.14	21.49	22.38	22.15	23.07	23.85
	4H	19.08	19.88	19.76	20.57	21.38	22.04	22.85	22.72	23.54	24.35
	6H	19.22	19.92	19.92	20.64	21.46	22.43	23.13	23.13	23.85	24.67
	8H	19.24	19.89	19.94	20.61	21.44	22.55	23.21	23.26	23.92	24.75
	12H	19.22	19.81	19.95	20.55	21.39	22.63	23.22	23.36	23.96	24.80
8H	4H	19.56	20.22	20.27	20.93	21.76	22.19	22.85	22.90	23.56	24.40
	6H	19.84	20.38	20.58	21.14	21.98	22.65	23.20	23.39	23.95	24.79
	8H	19.89	20.37	20.64	21.13	21.98	22.81	23.30	23.56	24.05	24.91
	12H	19.89	20.32	20.64	21.06	21.98	22.93	23.36	23.68	24.11	25.02
12H	4H	19.59	20.18	20.32	20.92	21.75	22.18	22.77	22.90	23.50	24.34
	6H	19.91	20.39	20.66	21.15	22.00	22.65	23.14	23.40	23.90	24.75
	8H	19.99	20.42	20.74	21.17	22.08	22.84	23.26	23.59	24.01	24.92