

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: P933925

Luminaire Tested: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-12-2700K

Issue Date: 12/17/2024

**Test Information**

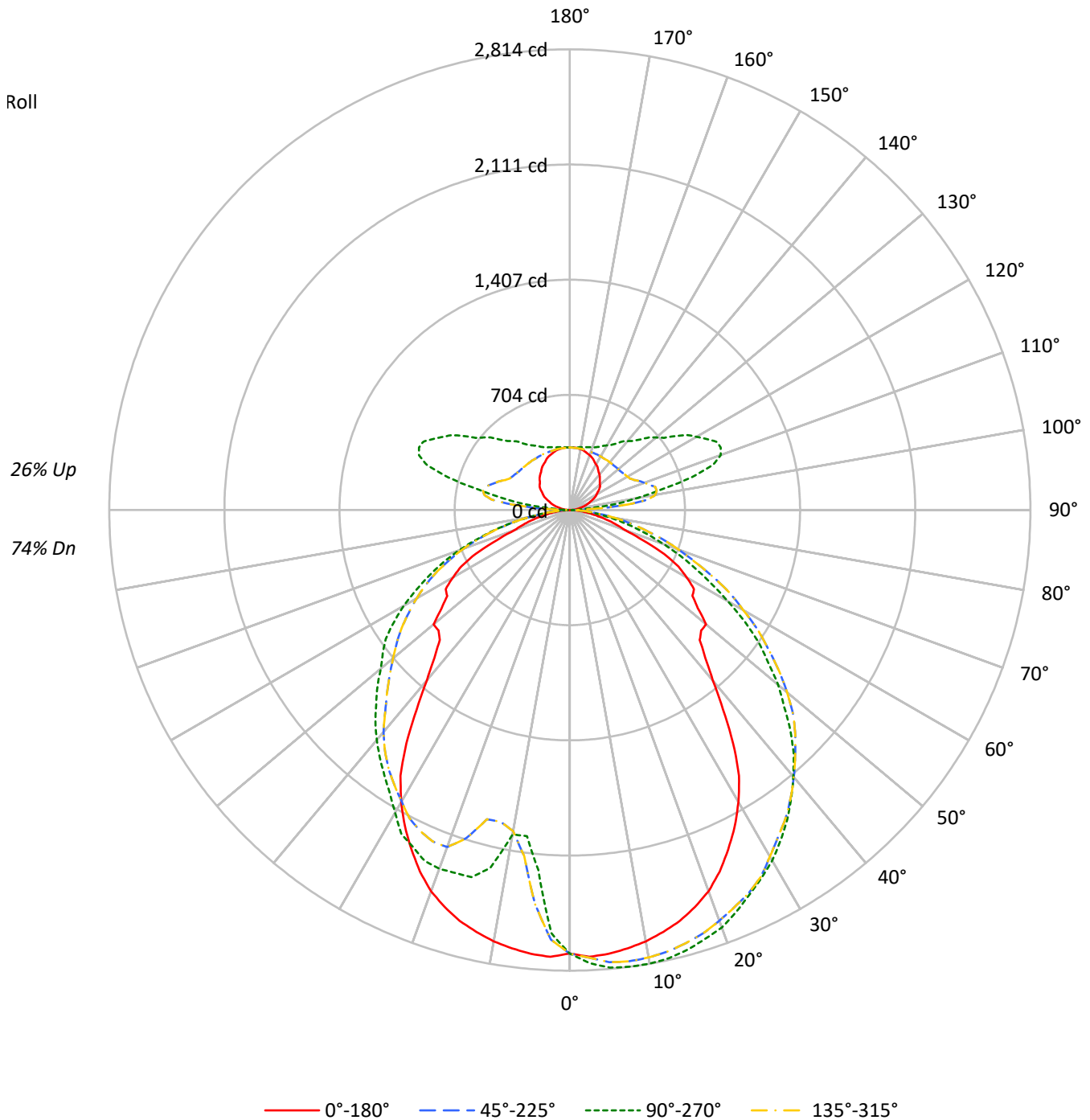
Test Method: LM-79-2019  
Report Number: P933925  
REPORT IS A COMBINATION OF REPORTS P933677 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-12-2700K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9502.9 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: 12' x H: 0.1')  
CIE Type: Semi-Direct  
  
Input Watts (W): 90  
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	113	113	113	113	107	107	107	107	97	97	97	87	87	87	78	78	78	74		
1	103	99	95	91	98	94	90	87	85	82	80	77	75	73	69	68	66	62		
2	94	86	80	75	89	82	77	72	75	70	66	68	64	61	61	58	56	52		
3	86	76	68	62	81	72	66	60	66	60	56	60	55	52	54	51	48	44		
4	79	67	59	53	74	64	57	51	59	52	48	53	48	44	48	44	41	38		
5	72	60	52	45	68	57	50	44	52	46	41	48	43	38	43	39	36	33		
6	67	54	46	39	63	52	44	38	47	41	36	43	38	34	39	35	31	29		
7	62	49	41	35	58	47	39	34	43	36	32	39	34	30	36	31	28	26		
8	57	44	36	31	54	43	35	30	39	33	28	36	31	27	33	28	25	23		
9	53	41	33	28	51	39	32	27	36	30	25	33	28	24	30	26	23	21		
10	50	37	30	25	48	36	29	24	33	27	23	31	25	22	28	24	20	19		

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

	0°	90°	180°	270°
0°	8378	8378	8378	8378
5°	8443	8457	8443	6649
10°	8390	8330	8390	5956
15°	8302	8150	8302	6805
20°	8132	7936	8132	6820
25°	7779	7624	7779	6675
30°	7323	7365	7323	6358
35°	6532	7038	6532	6009
40°	5446	6652	5446	5746
45°	4869	6201	4869	5442
50°	5177	5663	5177	5139
55°	4875	5083	4875	4962
60°	5032	4317	5032	4545
65°	4569	3568	4569	3989
70°	3171	2844	3171	3344
75°	2792	2102	2792	2517
80°	2266	1390	2266	1513
85°	1329	736	1329	626

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 7457 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	244.5	2.6
10°-20°	694.2	7.3
20°-30°	1073.1	11.3
30°-40°	1281.0	13.5
40°-50°	1288.5	13.6
50°-60°	1121.1	11.8
60°-70°	794.9	8.4
70°-80°	420.6	4.4
80°-90°	106.2	1.1
90°-100°	186.4	2.0
100°-110°	490.0	5.2
110°-120°	508.1	5.3
120°-130°	407.6	4.3
130°-140°	319.8	3.4
140°-150°	245.5	2.6
150°-160°	176.8	1.9
160°-170°	108.2	1.1
170°-180°	36.5	0.4
0°-30°	2011.7	21.2
0°-40°	3292.7	34.6
0°-60°	5702.4	60.0
0°-90°	7024.0	73.9
90°-120°	1184.6	12.5
90°-150°	2157.4	22.7
90°-180°	2479.0	26.1
0°-180°	9502.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2708	2708	2708	2708	2708	
5°	2721	2806	2721	2206	2721	258
15°	2598	2780	2598	2322	2598	731
25°	2288	2593	2288	2270	2288	1051
35°	1740	2314	1740	1976	1740	1076
45°	1122	1906	1122	1673	1122	899
55°	915	1407	915	1373	915	841
65°	636	848	636	948	636	607
75°	241	402	241	482	241	253
85°	41	102	41	87	41	55
90°	3	10	3	10	3	4
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°	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5
2.5°	2731.6	2731.6	2747.0	2752.1	2752.1	2744.4	2736.7	2744.4	2767.5	2775.1	2772.6
5°	2721.3	2741.8	2770.0	2775.1	2780.3	2777.7	2772.6	2777.7	2803.3	2808.5	2811.0
7.5°	2700.8	2739.3	2775.1	2782.8	2790.5	2782.8	2780.3	2785.4	2811.0	2816.1	2816.1
10°	2675.2	2729.0	2770.0	2775.1	2782.8	2775.1	2775.1	2785.4	2811.0	2816.1	2818.7
12.5°	2639.3	2713.7	2752.1	2757.2	2767.5	2764.9	2762.3	2772.6	2798.2	2803.3	2803.3
15°	2598.3	2685.5	2721.3	2726.5	2744.4	2739.3	2739.3	2749.5	2777.7	2785.4	2782.8
17.5°	2542.0	2649.6	2690.6	2698.3	2711.1	2708.5	2711.1	2721.3	2747.0	2752.1	2754.6
20°	2477.9	2600.9	2649.6	2657.3	2670.1	2670.1	2670.1	2682.9	2708.5	2718.8	2718.8
22.5°	2390.8	2549.7	2600.9	2606.0	2621.4	2621.4	2626.5	2644.5	2667.5	2670.1	2670.1
25°	2288.3	2493.3	2536.8	2552.2	2567.6	2575.3	2583.0	2593.2	2600.9	2598.3	2600.9
27.5°	2180.6	2421.5	2477.9	2488.2	2508.7	2516.3	2526.6	2529.2	2531.7	2539.4	2534.3
30°	2060.2	2321.6	2406.2	2416.4	2449.7	2454.8	2444.6	2449.7	2462.5	2467.7	2472.8
32.5°	1924.4	2172.9	2331.9	2354.9	2385.7	2370.3	2367.7	2375.4	2395.9	2395.9	2401.0
35°	1739.9	2057.6	2262.7	2283.2	2306.2	2288.3	2298.5	2301.1	2313.9	2321.6	2319.0
37.5°	1537.4	1957.7	2190.8	2206.2	2224.1	2201.1	2216.5	2224.1	2234.4	2229.3	2229.3
40°	1358.1	1801.4	2106.3	2116.5	2131.9	2114.0	2129.3	2134.5	2139.6	2134.5	2131.9
42.5°	1224.8	1629.7	2016.6	2029.4	2019.2	2032.0	2037.1	2047.3	2039.7	2029.4	2029.4
45°	1122.3	1583.6	1919.2	1934.6	1919.2	1939.7	1947.4	1947.4	1924.4	1919.2	1916.7
47.5°	1089.0	1491.3	1821.9	1821.9	1814.2	1839.8	1852.6	1834.7	1811.6	1803.9	1803.9
50°	1086.5	1388.8	1688.6	1678.4	1714.2	1745.0	1732.2	1714.2	1696.3	1668.1	1668.1
52.5°	986.5	1263.3	1516.9	1555.4	1611.7	1629.7	1609.2	1591.2	1560.5	1547.7	1537.4
55°	914.8	1132.6	1360.6	1437.5	1496.4	1519.5	1481.1	1463.1	1417.0	1409.3	1404.2
57.5°	899.4	943.0	1217.1	1314.5	1386.2	1383.7	1360.6	1327.3	1288.9	1281.2	1278.6
60°	825.1	681.6	1063.4	1178.7	1253.0	1245.3	1224.8	1194.1	1158.2	1153.1	1147.9
62.5°	748.2	494.5	889.1	1019.8	1124.9	1122.3	1104.4	1058.3	1032.6	1019.8	1009.6
65°	635.5	415.1	632.9	848.1	999.3	1004.5	966.0	932.7	904.5	889.1	886.6
67.5°	484.3	338.2	427.9	707.2	878.9	873.8	825.1	809.7	773.8	766.2	750.8
70°	358.7	225.5	297.2	574.0	761.0	748.2	709.8	691.8	658.5	640.6	630.3
72.5°	297.2	181.9	217.8	445.9	640.6	625.2	591.9	571.4	543.2	527.9	517.6
75°	240.9	192.2	166.6	330.5	520.2	509.9	479.2	458.7	435.6	415.1	417.7
77.5°	176.8	179.4	133.2	243.4	412.5	397.2	379.2	353.6	343.4	322.9	322.9
80°	133.2	140.9	99.9	166.6	297.2	297.2	281.9	263.9	246.0	235.7	235.7
82.5°	89.7	89.7	74.3	105.1	202.4	194.7	184.5	179.4	169.1	164.0	164.0
85°	41.0	51.2	46.1	64.1	110.2	115.3	115.3	110.2	107.6	102.5	105.1
87.5°	12.8	23.1	28.2	35.9	56.4	58.9	61.5	61.5	61.5	64.1	64.1
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°	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5
2.5°	2777.7	2770.0	2777.7	2772.6	2775.1	2767.5	2744.4	2736.7	2744.4	2752.1	2752.1
5°	2811.0	2805.9	2811.0	2811.0	2808.5	2803.3	2777.7	2772.6	2777.7	2780.3	2775.1
7.5°	2821.3	2813.6	2821.3	2816.1	2816.1	2811.0	2785.4	2780.3	2782.8	2790.5	2782.8
10°	2821.3	2813.6	2821.3	2818.7	2816.1	2811.0	2785.4	2775.1	2775.1	2782.8	2775.1
12.5°	2808.5	2803.3	2808.5	2803.3	2803.3	2798.2	2772.6	2762.3	2764.9	2767.5	2757.2
15°	2788.0	2780.3	2788.0	2782.8	2785.4	2777.7	2749.5	2739.3	2739.3	2744.4	2726.5
17.5°	2757.2	2747.0	2757.2	2754.6	2752.1	2747.0	2721.3	2711.1	2708.5	2711.1	2698.3
20°	2721.3	2713.7	2721.3	2718.8	2718.8	2708.5	2682.9	2670.1	2670.1	2670.1	2657.3
22.5°	2665.0	2657.3	2665.0	2670.1	2670.1	2667.5	2644.5	2626.5	2621.4	2621.4	2606.0
25°	2600.9	2593.2	2600.9	2600.9	2598.3	2600.9	2593.2	2583.0	2575.3	2567.6	2552.2
27.5°	2539.4	2534.3	2539.4	2534.3	2539.4	2531.7	2529.2	2526.6	2516.3	2508.7	2488.2
30°	2477.9	2472.8	2477.9	2472.8	2467.7	2462.5	2449.7	2444.6	2454.8	2449.7	2416.4
32.5°	2401.0	2395.9	2401.0	2401.0	2395.9	2395.9	2375.4	2367.7	2370.3	2385.7	2354.9
35°	2321.6	2313.9	2321.6	2319.0	2321.6	2313.9	2301.1	2298.5	2288.3	2306.2	2283.2
37.5°	2229.3	2221.6	2229.3	2229.3	2229.3	2234.4	2224.1	2216.5	2201.1	2224.1	2206.2
40°	2134.5	2124.2	2134.5	2131.9	2134.5	2139.6	2134.5	2129.3	2114.0	2131.9	2116.5
42.5°	2026.8	2024.3	2026.8	2029.4	2029.4	2039.7	2047.3	2037.1	2032.0	2019.2	2029.4
45°	1911.5	1906.4	1911.5	1916.7	1919.2	1924.4	1947.4	1947.4	1939.7	1919.2	1934.6
47.5°	1788.5	1775.7	1788.5	1803.9	1803.9	1811.6	1834.7	1852.6	1839.8	1814.2	1821.9
50°	1657.9	1660.4	1657.9	1668.1	1668.1	1696.3	1714.2	1732.2	1745.0	1714.2	1678.4
52.5°	1529.7	1527.2	1529.7	1537.4	1547.7	1560.5	1591.2	1609.2	1629.7	1611.7	1555.4
55°	1401.6	1406.7	1401.6	1404.2	1409.3	1417.0	1463.1	1481.1	1519.5	1496.4	1437.5
57.5°	1273.5	1265.8	1273.5	1278.6	1281.2	1288.9	1327.3	1360.6	1383.7	1386.2	1314.5
60°	1124.9	1114.6	1124.9	1147.9	1153.1	1158.2	1194.1	1224.8	1245.3	1253.0	1178.7
62.5°	994.2	976.3	994.2	1009.6	1019.8	1032.6	1058.3	1104.4	1122.3	1124.9	1019.8
65°	855.8	848.1	855.8	886.6	889.1	904.5	932.7	966.0	1004.5	999.3	848.1
67.5°	730.3	730.3	730.3	750.8	766.2	773.8	809.7	825.1	873.8	878.9	707.2
70°	615.0	612.4	615.0	630.3	640.6	658.5	691.8	709.8	748.2	761.0	574.0
72.5°	504.8	502.2	504.8	517.6	527.9	543.2	571.4	591.9	625.2	640.6	445.9
75°	407.4	402.3	407.4	417.7	415.1	435.6	458.7	479.2	509.9	520.2	330.5
77.5°	312.6	312.6	312.6	322.9	322.9	343.4	353.6	379.2	397.2	412.5	243.4
80°	233.2	230.6	233.2	235.7	235.7	246.0	263.9	281.9	297.2	297.2	166.6
82.5°	164.0	158.9	164.0	164.0	164.0	169.1	179.4	184.5	194.7	202.4	105.1
85°	102.5	102.5	102.5	105.1	102.5	107.6	110.2	115.3	115.3	110.2	64.1
87.5°	66.6	64.1	66.6	64.1	64.1	61.5	61.5	61.5	58.9	56.4	35.9
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: P933925

CATALOG NUMBER: SQ4-FA-025U-075D-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: P933925

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-12-2700K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5
2.5°	2747.0	2731.6	2731.6	2706.0	2695.7	2688.0	2675.2	2636.8	2626.5	2616.3	2631.7
5°	2770.0	2741.8	2721.3	2675.2	2636.8	2621.4	2572.7	2480.5	2419.0	2372.9	2347.2
7.5°	2775.1	2739.3	2700.8	2629.1	2536.8	2495.8	2347.2	2178.0	2131.9	2090.9	2065.3
10°	2770.0	2729.0	2675.2	2567.6	2349.8	2278.0	2129.3	2019.2	1991.0	1983.3	1991.0
12.5°	2752.1	2713.7	2639.3	2460.0	2155.0	2106.3	2019.2	1955.1	1950.0	1962.8	2032.0
15°	2721.3	2685.5	2598.3	2316.5	2047.3	2011.5	1950.0	1926.9	1955.1	2044.8	2252.3
17.5°	2690.6	2649.6	2542.0	2175.5	1965.3	1939.7	1896.2	1942.3	2101.2	2221.6	2290.9
20°	2649.6	2600.9	2477.9	2073.0	1906.4	1883.4	1862.9	2070.4	2190.8	2234.4	2272.9
22.5°	2600.9	2549.7	2390.8	2001.2	1844.9	1827.0	1839.8	2142.2	2190.8	2221.6	2254.9
25°	2536.8	2493.3	2288.3	1944.8	1796.2	1775.7	1824.4	2134.5	2162.7	2170.3	2237.0
27.5°	2477.9	2421.5	2180.6	1893.6	1737.3	1729.6	1837.2	2101.2	2121.7	2129.3	2201.1
30°	2406.2	2321.6	2060.2	1839.8	1675.8	1673.2	1839.8	2060.2	2055.0	2075.5	2147.3
32.5°	2331.9	2172.9	1924.4	1773.2	1616.9	1614.3	1821.9	1998.7	1993.5	2021.7	2075.5
35°	2262.7	2057.6	1739.9	1696.3	1542.6	1545.1	1778.3	1926.9	1929.5	1955.1	1988.4
37.5°	2190.8	1957.7	1537.4	1611.7	1470.8	1470.8	1719.4	1860.3	1855.2	1862.9	1909.0
40°	2106.3	1801.4	1358.1	1501.6	1404.2	1396.5	1647.6	1788.5	1770.6	1768.0	1832.1
42.5°	2016.6	1629.7	1224.8	1355.5	1327.3	1317.1	1560.5	1701.4	1668.1	1675.8	1757.8
45°	1919.2	1583.6	1122.3	1145.4	1247.9	1240.2	1465.7	1601.5	1578.4	1598.9	1683.5
47.5°	1821.9	1491.3	1089.0	950.6	1163.3	1160.8	1360.6	1504.1	1491.3	1511.8	1601.5
50°	1688.6	1388.8	1086.5	814.8	1068.5	1078.8	1235.1	1409.3	1409.3	1427.2	1522.1
52.5°	1516.9	1263.3	986.5	738.0	958.3	989.1	1124.9	1327.3	1332.4	1350.4	1434.9
55°	1360.6	1132.6	914.8	679.0	827.7	894.3	1017.3	1242.8	1253.0	1270.9	1347.8
57.5°	1217.1	943.0	899.4	609.8	707.2	771.3	922.5	1160.8	1165.9	1181.3	1255.6
60°	1063.4	681.6	825.1	535.5	602.2	650.8	835.3	1063.4	1081.3	1091.6	1155.6
62.5°	889.1	494.5	748.2	484.3	550.9	561.2	763.6	971.1	994.2	1001.9	1040.3
65°	632.9	415.1	635.5	440.7	497.1	499.7	686.7	876.3	896.8	909.6	937.8
67.5°	427.9	338.2	484.3	399.7	456.1	458.7	612.4	766.2	794.3	804.6	822.5
70°	297.2	225.5	358.7	356.2	410.0	415.1	533.0	666.2	691.8	699.5	709.8
72.5°	217.8	181.9	297.2	320.3	361.3	366.4	451.0	553.5	579.1	586.8	591.9
75°	166.6	192.2	240.9	279.3	307.5	310.0	369.0	451.0	468.9	474.0	476.6
77.5°	133.2	179.4	176.8	225.5	251.1	246.0	289.5	348.5	363.9	363.9	363.9
80°	99.9	140.9	133.2	161.4	184.5	179.4	207.6	248.6	253.7	258.8	256.2
82.5°	74.3	89.7	89.7	102.5	123.0	117.9	138.4	161.4	161.4	161.4	166.6
85°	46.1	51.2	41.0	53.8	69.2	66.6	76.9	87.1	89.7	89.7	84.6
87.5°	28.2	23.1	12.8	20.5	30.7	30.7	35.9	38.4	35.9	35.9	35.9
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: P933925

CATALOG NUMBER: SQ4-FA-025U-075D-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: P933925  
 CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-12-2700K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5
2.5°	2613.7	2606.0	2616.3	2588.1	2616.3	2606.0	2613.7	2631.7	2616.3	2626.5	2636.8
5°	2293.4	2280.6	2239.5	2206.2	2239.5	2280.6	2293.4	2347.2	2372.9	2419.0	2480.5
7.5°	2049.9	2039.7	2029.4	2008.9	2029.4	2039.7	2049.9	2065.3	2090.9	2131.9	2178.0
10°	1996.1	1998.7	2014.0	2011.5	2014.0	1998.7	1996.1	1991.0	1983.3	1991.0	2019.2
12.5°	2134.5	2157.5	2242.1	2237.0	2242.1	2157.5	2134.5	2032.0	1962.8	1950.0	1955.1
15°	2293.4	2301.1	2319.0	2321.6	2319.0	2301.1	2293.4	2252.3	2044.8	1955.1	1926.9
17.5°	2308.8	2311.4	2324.2	2324.2	2324.2	2311.4	2308.8	2290.9	2221.6	2101.2	1942.3
20°	2296.0	2301.1	2326.7	2331.9	2326.7	2301.1	2296.0	2272.9	2234.4	2190.8	2070.4
22.5°	2290.9	2301.1	2321.6	2319.0	2321.6	2301.1	2290.9	2254.9	2221.6	2190.8	2142.2
25°	2265.2	2265.2	2267.8	2270.4	2267.8	2265.2	2265.2	2237.0	2170.3	2162.7	2134.5
27.5°	2211.3	2216.5	2231.8	2229.3	2231.8	2216.5	2211.3	2201.1	2129.3	2121.7	2101.2
30°	2162.7	2157.5	2144.7	2134.5	2144.7	2157.5	2162.7	2147.3	2075.5	2055.0	2060.2
32.5°	2080.7	2067.8	2055.0	2047.3	2055.0	2067.8	2080.7	2075.5	2021.7	1993.5	1998.7
35°	1983.3	1985.8	1983.3	1975.6	1983.3	1985.8	1983.3	1988.4	1955.1	1929.5	1926.9
37.5°	1914.1	1919.2	1916.7	1906.4	1916.7	1919.2	1914.1	1909.0	1862.9	1855.2	1860.3
40°	1842.4	1844.9	1842.4	1834.7	1842.4	1844.9	1842.4	1832.1	1768.0	1770.6	1788.5
42.5°	1773.2	1770.6	1762.9	1757.8	1762.9	1770.6	1773.2	1757.8	1675.8	1668.1	1701.4
45°	1693.7	1696.3	1680.9	1673.2	1680.9	1696.3	1693.7	1683.5	1598.9	1578.4	1601.5
47.5°	1614.3	1614.3	1601.5	1593.8	1601.5	1614.3	1614.3	1601.5	1511.8	1491.3	1504.1
50°	1529.7	1527.2	1509.2	1506.7	1509.2	1527.2	1529.7	1522.1	1427.2	1409.3	1409.3
52.5°	1432.4	1432.4	1434.9	1440.1	1434.9	1432.4	1432.4	1434.9	1350.4	1332.4	1327.3
55°	1347.8	1350.4	1368.3	1373.4	1368.3	1350.4	1347.8	1347.8	1270.9	1253.0	1242.8
57.5°	1260.7	1260.7	1273.5	1273.5	1273.5	1260.7	1260.7	1255.6	1181.3	1165.9	1160.8
60°	1160.8	1165.9	1176.1	1173.6	1176.1	1165.9	1160.8	1155.6	1091.6	1081.3	1063.4
62.5°	1055.7	1060.8	1063.4	1058.3	1063.4	1060.8	1055.7	1040.3	1001.9	994.2	971.1
65°	945.5	950.6	953.2	948.1	953.2	950.6	945.5	937.8	909.6	896.8	876.3
67.5°	832.8	830.2	827.7	837.9	827.7	830.2	832.8	822.5	804.6	794.3	766.2
70°	717.5	717.5	714.9	720.0	714.9	717.5	717.5	709.8	699.5	691.8	666.2
72.5°	594.5	591.9	602.2	594.5	602.2	591.9	594.5	591.9	586.8	579.1	553.5
75°	474.0	479.2	474.0	481.7	474.0	479.2	474.0	476.6	474.0	468.9	451.0
77.5°	361.3	366.4	361.3	361.3	361.3	366.4	361.3	363.9	363.9	363.9	348.5
80°	256.2	253.7	253.7	251.1	253.7	253.7	256.2	256.2	258.8	253.7	248.6
82.5°	164.0	161.4	161.4	166.6	161.4	161.4	164.0	166.6	161.4	161.4	161.4
85°	89.7	92.2	87.1	87.1	87.1	92.2	89.7	84.6	89.7	89.7	87.1
87.5°	33.3	30.7	30.7	30.7	30.7	30.7	33.3	35.9	35.9	35.9	38.4
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



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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: P933925

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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	2708.5	2708.5	2708.5	2708.5	2708.5
2.5°	2675.2	2688.0	2695.7	2706.0	2731.6
5°	2572.7	2621.4	2636.8	2675.2	2721.3
7.5°	2347.2	2495.8	2536.8	2629.1	2700.8
10°	2129.3	2278.0	2349.8	2567.6	2675.2
12.5°	2019.2	2106.3	2155.0	2460.0	2639.3
15°	1950.0	2011.5	2047.3	2316.5	2598.3
17.5°	1896.2	1939.7	1965.3	2175.5	2542.0
20°	1862.9	1883.4	1906.4	2073.0	2477.9
22.5°	1839.8	1827.0	1844.9	2001.2	2390.8
25°	1824.4	1775.7	1796.2	1944.8	2288.3
27.5°	1837.2	1729.6	1737.3	1893.6	2180.6
30°	1839.8	1673.2	1675.8	1839.8	2060.2
32.5°	1821.9	1614.3	1616.9	1773.2	1924.4
35°	1778.3	1545.1	1542.6	1696.3	1739.9
37.5°	1719.4	1470.8	1470.8	1611.7	1537.4
40°	1647.6	1396.5	1404.2	1501.6	1358.1
42.5°	1560.5	1317.1	1327.3	1355.5	1224.8
45°	1465.7	1240.2	1247.9	1145.4	1122.3
47.5°	1360.6	1160.8	1163.3	950.6	1089.0
50°	1235.1	1078.8	1068.5	814.8	1086.5
52.5°	1124.9	989.1	958.3	738.0	986.5
55°	1017.3	894.3	827.7	679.0	914.8
57.5°	922.5	771.3	707.2	609.8	899.4
60°	835.3	650.8	602.2	535.5	825.1
62.5°	763.6	561.2	550.9	484.3	748.2
65°	686.7	499.7	497.1	440.7	635.5
67.5°	612.4	458.7	456.1	399.7	484.3
70°	533.0	415.1	410.0	356.2	358.7
72.5°	451.0	366.4	361.3	320.3	297.2
75°	369.0	310.0	307.5	279.3	240.9
77.5°	289.5	246.0	251.1	225.5	176.8
80°	207.6	179.4	184.5	161.4	133.2
82.5°	138.4	117.9	123.0	102.5	89.7
85°	76.9	66.6	69.2	53.8	41.0
87.5°	35.9	30.7	30.7	20.5	12.8
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: P933925

CATALOG NUMBER: SQ4-FA-025U-075D-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: P933925  
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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	14.16	15.29	14.88	16.03	16.91	17.01	18.14	17.73	18.88	19.76
	3H	14.66	15.67	15.39	16.42	17.34	18.39	19.40	19.12	20.15	21.06
	4H	14.86	15.82	15.61	16.58	17.50	18.85	19.80	19.60	20.56	21.49
	6H	14.99	15.87	15.76	16.65	17.59	19.15	20.03	19.92	20.80	21.74
	8H	15.00	15.84	15.78	16.63	17.57	19.23	20.07	20.01	20.86	21.81
	12H	14.98	15.78	15.76	16.57	17.54	19.29	20.09	20.07	20.87	21.84
4H	2H	15.23	16.19	15.99	16.95	17.87	17.45	18.41	18.21	19.17	20.10
	3H	16.28	17.08	17.05	17.88	18.82	18.99	19.79	19.76	20.58	21.53
	4H	16.57	17.29	17.35	18.09	19.06	19.53	20.26	20.32	21.05	22.03
	6H	16.71	17.34	17.51	18.16	19.14	19.92	20.55	20.72	21.37	22.35
	8H	16.72	17.31	17.53	18.12	19.12	20.04	20.62	20.84	21.44	22.43
	12H	16.70	17.23	17.53	18.07	19.06	20.11	20.63	20.93	21.47	22.47
8H	4H	17.05	17.63	17.85	18.45	19.44	19.68	20.26	20.48	21.08	22.07
	6H	17.32	17.81	18.16	18.66	19.66	20.13	20.62	20.97	21.47	22.47
	8H	17.37	17.80	18.21	18.65	19.66	20.29	20.72	21.14	21.58	22.59
	12H	17.36	17.74	18.21	18.59	19.65	20.40	20.78	21.25	21.63	22.70
12H	4H	17.07	17.59	17.89	18.43	19.43	19.66	20.18	20.48	21.02	22.02
	6H	17.38	17.82	18.23	18.67	19.68	20.13	20.56	20.98	21.42	22.43
	8H	17.46	17.84	18.31	18.69	19.76	20.31	20.69	21.16	21.53	22.60