

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: P934143

Luminaire Tested: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934143
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-8-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

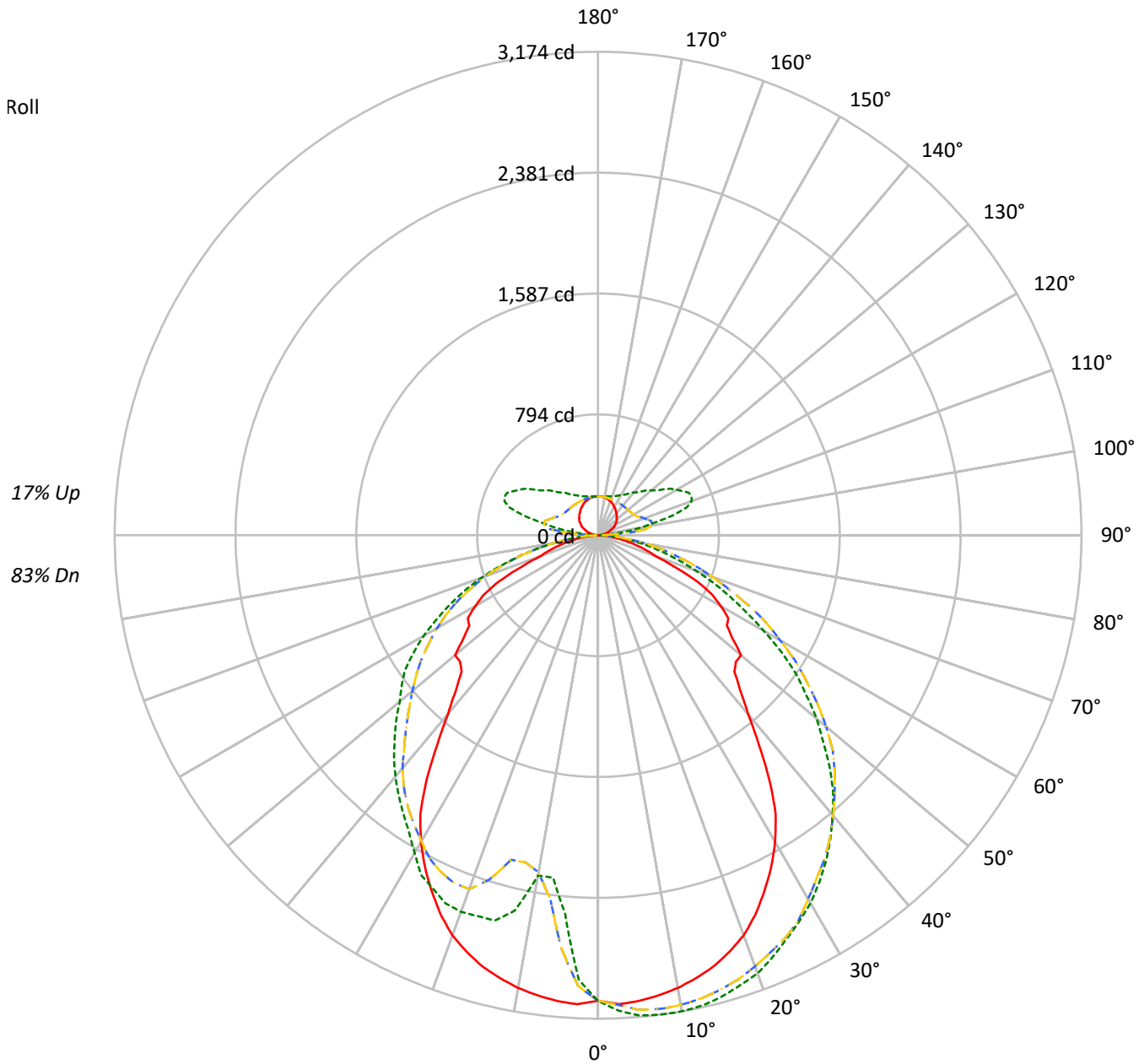
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9575.6 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: 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	86	83	
1	105	101	97	93	101	97	93	90	89	87	84	83	80	78	76	75	73	73	70	
2	96	88	82	76	92	85	79	74	78	74	70	73	69	66	67	64	62	62	59	
3	88	78	70	64	84	75	68	62	69	63	59	64	60	56	60	56	52	52	50	
4	80	69	60	54	77	66	59	53	62	55	50	57	52	48	53	49	45	45	43	
5	74	61	53	46	70	59	51	45	55	49	43	52	46	41	48	43	39	39	37	
6	68	55	47	40	65	53	45	40	50	43	38	47	41	36	44	39	35	35	32	
7	63	50	42	36	60	48	41	35	45	39	34	42	37	32	40	35	31	31	29	
8	59	46	37	32	56	44	36	31	41	35	30	39	33	29	37	31	28	28	26	
9	55	42	34	28	52	40	33	28	38	32	27	36	30	26	34	29	25	25	23	
10	51	38	31	26	49	37	30	25	35	29	24	33	28	24	31	26	23	23	21	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14176	14176	14176	14176
5°	14281	14310	14281	11252
10°	14186	14096	14186	10078
15°	14032	13790	14032	11515
20°	13738	13428	13738	11539
25°	13138	12901	13138	11295
30°	12362	12463	12362	10758
35°	11020	11909	11020	10168
40°	9182	11256	9182	9722
45°	8205	10493	8205	9209
50°	8716	9582	8716	8695
55°	8201	8601	8201	8398
60°	8453	7305	8453	7691
65°	7665	6039	7665	6750
70°	5308	4812	5308	5658
75°	4653	3557	4653	4259
80°	3750	2352	3750	2561
85°	2152	1245	2152	1059

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 12575 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	275.8	2.9
10°-20°	783.1	8.2
20°-30°	1210.5	12.6
30°-40°	1445.1	15.1
40°-50°	1453.5	15.2
50°-60°	1264.8	13.2
60°-70°	896.7	9.4
70°-80°	474.4	5.0
80°-90°	119.1	1.2
90°-100°	124.3	1.3
100°-110°	326.7	3.4
110°-120°	338.8	3.5
120°-130°	271.7	2.8
130°-140°	213.2	2.2
140°-150°	163.7	1.7
150°-160°	117.8	1.2
160°-170°	72.1	0.8
170°-180°	24.4	0.3
0°-30°	2269.4	23.7
0°-40°	3714.4	38.8
0°-60°	6432.7	67.2
0°-90°	7923.0	82.7
90°-120°	789.7	8.2
90°-150°	1438.3	15.0
90°-180°	1653.0	17.3
0°-180°	9575.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3055	3055	3055	3055	3055	
5°	3070	3165	3070	2489	3070	291
15°	2931	3136	2931	2619	2931	825
25°	2581	2925	2581	2561	2581	1185
35°	1963	2610	1963	2229	1963	1214
45°	1266	2151	1266	1888	1266	1014
55°	1032	1587	1032	1549	1032	948
65°	717	957	717	1070	717	685
75°	272	454	272	543	272	286
85°	46	116	46	98	46	62
90°	2	6	2	6	2	3
95°	16	75	16	75	16	18
105°	59	512	59	512	59	62
115°	104	659	104	659	104	103
125°	146	525	146	525	146	129
135°	173	407	173	407	173	134
145°	201	330	201	330	201	126
155°	227	284	227	284	227	104
165°	245	265	245	265	245	69
175°	255	257	255	257	255	24
180°	255	255	255	255	255	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4
2.5°	3081.4	3081.4	3098.7	3104.5	3104.5	3095.9	3087.2	3095.9	3121.8	3130.5	3127.6
5°	3069.8	3093.0	3124.7	3130.5	3136.3	3133.5	3127.6	3133.5	3162.3	3168.1	3171.0
7.5°	3046.7	3090.1	3130.5	3139.2	3147.9	3139.2	3136.3	3142.1	3171.0	3176.8	3176.8
10°	3017.8	3078.5	3124.7	3130.5	3139.2	3130.5	3130.5	3142.1	3171.0	3176.8	3179.7
12.5°	2977.3	3061.1	3104.5	3110.3	3121.8	3118.9	3116.1	3127.6	3156.5	3162.3	3162.3
15°	2931.1	3029.3	3069.8	3075.6	3095.9	3090.1	3090.1	3101.6	3133.5	3142.1	3139.2
17.5°	2867.5	2988.9	3035.1	3043.8	3058.3	3055.4	3058.3	3069.8	3098.7	3104.5	3107.4
20°	2795.2	2933.9	2988.9	2997.6	3012.0	3012.0	3012.0	3026.4	3055.4	3066.9	3066.9
22.5°	2696.9	2876.2	2933.9	2939.7	2957.1	2957.1	2962.9	2983.1	3009.1	3012.0	3012.0
25°	2581.3	2812.6	2861.7	2879.0	2896.3	2905.1	2913.8	2925.3	2933.9	2931.1	2933.9
27.5°	2459.9	2731.6	2795.2	2806.8	2829.9	2838.6	2850.1	2853.0	2855.9	2864.6	2858.8
30°	2324.1	2618.9	2714.2	2725.9	2763.4	2769.2	2757.6	2763.4	2777.9	2783.7	2789.4
32.5°	2170.9	2451.3	2630.5	2656.5	2691.2	2673.8	2670.9	2679.6	2702.7	2702.7	2708.5
35°	1962.7	2321.2	2552.4	2575.5	2601.5	2581.3	2592.9	2595.8	2610.2	2618.9	2616.0
37.5°	1734.4	2208.4	2471.5	2488.8	2509.1	2483.0	2500.4	2509.1	2520.6	2514.8	2514.8
40°	1532.0	2032.1	2376.1	2387.6	2405.0	2384.7	2402.1	2407.9	2413.7	2407.9	2405.0
42.5°	1381.7	1838.4	2274.9	2289.3	2277.8	2292.2	2298.0	2309.6	2300.9	2289.3	2289.3
45°	1266.1	1786.4	2165.0	2182.4	2165.0	2188.2	2196.9	2196.9	2170.9	2165.0	2162.1
47.5°	1228.5	1682.3	2055.2	2055.2	2046.6	2075.4	2089.9	2069.6	2043.7	2035.0	2035.0
50°	1225.6	1566.7	1904.9	1893.3	1933.8	1968.5	1954.1	1933.8	1913.6	1881.8	1881.8
52.5°	1112.8	1425.0	1711.2	1754.6	1818.2	1838.4	1815.3	1795.0	1760.4	1745.9	1734.4
55°	1032.0	1277.7	1535.0	1621.6	1688.1	1714.1	1670.8	1650.5	1598.5	1589.9	1584.1
57.5°	1014.6	1063.7	1373.0	1482.9	1563.8	1560.9	1535.0	1497.4	1454.0	1445.3	1442.5
60°	930.7	768.9	1199.6	1329.7	1413.5	1404.9	1381.7	1347.0	1306.6	1300.8	1295.0
62.5°	844.0	557.9	1003.0	1150.4	1269.0	1266.1	1245.8	1193.8	1164.9	1150.4	1138.9
65°	716.9	468.3	714.0	956.8	1127.4	1133.1	1089.8	1052.2	1020.3	1003.0	1000.2
67.5°	546.3	381.5	482.8	797.8	991.5	985.7	930.7	913.4	873.0	864.3	847.0
70°	404.7	254.4	335.3	647.5	858.5	844.0	800.7	780.5	742.9	722.7	711.1
72.5°	335.3	205.2	245.7	503.0	722.7	705.3	667.8	644.6	612.8	595.5	583.9
75°	271.7	216.8	187.9	372.9	586.8	575.3	540.6	517.4	491.4	468.3	471.1
77.5°	199.4	202.3	150.3	274.6	465.4	448.1	427.8	398.9	387.3	364.2	364.2
80°	150.3	159.0	112.7	187.9	335.3	335.3	318.0	297.7	277.5	266.0	266.0
82.5°	101.1	101.1	83.8	118.6	228.4	219.7	208.2	202.3	190.8	185.0	185.0
85°	46.2	57.8	52.0	72.3	124.3	130.1	130.1	124.3	121.4	115.6	118.6
87.5°	14.4	26.1	31.8	40.5	63.6	66.5	69.4	69.4	69.4	72.3	72.3
90°	1.7	3.1	4.4	4.8	7.5	11.2	13.0	11.5	8.6	6.5	6.5
92.5°	6.8	18.4	30.2	33.1	46.5	64.3	73.2	64.1	46.1	32.5	31.3
95°	16.4	37.7	59.0	64.3	114.2	180.7	214.0	191.0	144.9	110.4	106.4
97.5°	28.4	47.2	65.9	70.6	153.8	264.8	320.3	305.8	276.7	254.8	247.4
100°	37.7	54.7	71.7	75.9	168.3	291.3	352.9	354.0	356.2	357.8	348.9
102.5°	45.5	61.4	77.3	81.2	174.9	299.8	362.2	380.8	417.8	445.7	438.1
105°	58.8	72.3	85.8	89.2	179.9	300.7	361.2	402.8	486.0	548.4	544.3
107.5°	72.5	85.1	97.6	100.8	180.7	287.3	340.6	398.6	514.7	601.7	602.8
110°	81.8	93.1	104.5	107.3	179.4	275.5	323.5	388.4	518.1	615.4	619.7



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	90.9	101.6	112.4	115.1	179.5	265.1	308.0	374.4	507.1	606.7	613.3
115°	104.5	114.5	124.4	126.9	181.1	253.2	289.3	353.3	481.2	577.1	586.2
117.5°	118.0	127.1	136.1	138.5	184.5	245.8	276.5	334.2	449.6	536.2	546.3
120°	125.9	134.4	143.0	145.1	187.2	243.3	271.4	324.1	429.5	508.6	518.4
122.5°	133.6	142.2	150.8	153.0	191.2	242.0	267.4	314.9	409.9	481.1	490.8
125°	145.5	153.3	161.1	163.1	196.4	240.9	263.2	303.5	384.2	444.7	453.5
127.5°	155.0	162.9	170.8	172.8	201.7	240.3	259.6	294.2	363.5	415.4	423.0
130°	160.1	168.7	177.1	179.3	205.6	240.7	258.2	289.0	350.7	396.9	403.8
132.5°	165.4	174.0	182.4	184.6	208.7	240.9	257.0	284.6	339.8	381.2	387.4
135°	173.3	181.1	188.8	190.8	212.2	240.7	255.0	278.1	324.3	359.0	364.3
137.5°	181.3	189.0	196.7	198.7	217.3	242.1	254.6	274.2	313.2	342.5	346.9
140°	188.0	195.1	202.2	204.0	220.5	242.4	253.4	270.3	304.1	329.4	333.5
142.5°	193.2	199.7	206.3	207.9	223.1	243.3	253.4	268.3	297.9	320.1	323.6
145°	201.1	206.8	212.4	213.9	226.5	243.3	251.7	263.8	288.1	306.3	308.9
147.5°	208.9	214.5	220.0	221.4	231.5	245.0	251.7	261.3	280.3	294.6	296.8
150°	214.0	219.1	224.0	225.3	234.1	245.8	251.7	259.7	275.9	287.9	289.7
152.5°	219.3	223.1	226.9	227.9	235.8	246.4	251.7	258.5	272.3	282.6	284.0
155°	227.2	230.0	232.8	233.5	239.6	247.7	251.7	257.2	268.1	276.3	277.2
157.5°	233.0	235.7	238.5	239.2	243.3	248.9	251.7	256.0	264.4	270.8	271.4
160°	236.9	239.1	241.2	241.7	245.0	249.5	251.7	255.4	262.6	268.1	268.5
162.5°	240.9	242.5	244.0	244.5	246.8	250.1	251.7	254.8	260.9	265.5	265.9
165°	245.2	246.7	248.1	248.5	249.6	251.0	251.7	253.9	258.3	261.6	262.0
167.5°	249.1	249.8	250.5	250.7	251.6	252.8	253.4	254.9	257.8	259.9	260.1
170°	251.7	252.4	253.1	253.2	253.3	253.4	253.4	254.9	257.8	259.9	259.9
172.5°	253.1	253.2	253.4	253.4	253.4	253.4	253.4	254.5	256.8	258.5	258.4
175°	255.0	255.0	255.0	255.0	254.4	253.8	253.4	254.1	255.6	256.7	256.7
177.5°	255.0	255.0	255.0	255.0	254.5	254.0	253.8	254.4	255.5	256.3	256.2
180°	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4
2.5°	3133.5	3124.7	3133.5	3127.6	3130.5	3121.8	3095.9	3087.2	3095.9	3104.5	3104.5
5°	3171.0	3165.2	3171.0	3171.0	3168.1	3162.3	3133.5	3127.6	3133.5	3136.3	3130.5
7.5°	3182.6	3173.9	3182.6	3176.8	3176.8	3171.0	3142.1	3136.3	3139.2	3147.9	3139.2
10°	3182.6	3173.9	3182.6	3179.7	3176.8	3171.0	3142.1	3130.5	3130.5	3139.2	3130.5
12.5°	3168.1	3162.3	3168.1	3162.3	3162.3	3156.5	3127.6	3116.1	3118.9	3121.8	3110.3
15°	3145.0	3136.3	3145.0	3139.2	3142.1	3133.5	3101.6	3090.1	3090.1	3095.9	3075.6
17.5°	3110.3	3098.7	3110.3	3107.4	3104.5	3098.7	3069.8	3058.3	3055.4	3058.3	3043.8
20°	3069.8	3061.1	3069.8	3066.9	3066.9	3055.4	3026.4	3012.0	3012.0	3012.0	2997.6
22.5°	3006.2	2997.6	3006.2	3012.0	3012.0	3009.1	2983.1	2962.9	2957.1	2957.1	2939.7
25°	2933.9	2925.3	2933.9	2933.9	2931.1	2933.9	2925.3	2913.8	2905.1	2896.3	2879.0
27.5°	2864.6	2858.8	2864.6	2858.8	2864.6	2855.9	2853.0	2850.1	2838.6	2829.9	2806.8
30°	2795.2	2789.4	2795.2	2789.4	2783.7	2777.9	2763.4	2757.6	2769.2	2763.4	2725.9
32.5°	2708.5	2702.7	2708.5	2708.5	2702.7	2702.7	2679.6	2670.9	2673.8	2691.2	2656.5
35°	2618.9	2610.2	2618.9	2616.0	2618.9	2610.2	2595.8	2592.9	2581.3	2601.5	2575.5
37.5°	2514.8	2506.2	2514.8	2514.8	2514.8	2520.6	2509.1	2500.4	2483.0	2509.1	2488.8
40°	2407.9	2396.3	2407.9	2405.0	2407.9	2413.7	2407.9	2402.1	2384.7	2405.0	2387.6
42.5°	2286.5	2283.6	2286.5	2289.3	2289.3	2300.9	2309.6	2298.0	2292.2	2277.8	2289.3
45°	2156.4	2150.6	2156.4	2162.1	2165.0	2170.9	2196.9	2196.9	2188.2	2165.0	2182.4
47.5°	2017.6	2003.2	2017.6	2035.0	2035.0	2043.7	2069.6	2089.9	2075.4	2046.6	2055.2
50°	1870.2	1873.1	1870.2	1881.8	1881.8	1913.6	1933.8	1954.1	1968.5	1933.8	1893.3
52.5°	1725.7	1722.8	1725.7	1734.4	1745.9	1760.4	1795.0	1815.3	1838.4	1818.2	1754.6
55°	1581.2	1587.0	1581.2	1584.1	1589.9	1598.5	1650.5	1670.8	1714.1	1688.1	1621.6
57.5°	1436.6	1427.9	1436.6	1442.5	1445.3	1454.0	1497.4	1535.0	1560.9	1563.8	1482.9
60°	1269.0	1257.4	1269.0	1295.0	1300.8	1306.6	1347.0	1381.7	1404.9	1413.5	1329.7
62.5°	1121.6	1101.3	1121.6	1138.9	1150.4	1164.9	1193.8	1245.8	1266.1	1269.0	1150.4
65°	965.4	956.8	965.4	1000.2	1003.0	1020.3	1052.2	1089.8	1133.1	1127.4	956.8
67.5°	823.8	823.8	823.8	847.0	864.3	873.0	913.4	930.7	985.7	991.5	797.8
70°	693.7	690.8	693.7	711.1	722.7	742.9	780.5	800.7	844.0	858.5	647.5
72.5°	569.4	566.5	569.4	583.9	595.5	612.8	644.6	667.8	705.3	722.7	503.0
75°	459.6	453.8	459.6	471.1	468.3	491.4	517.4	540.6	575.3	586.8	372.9
77.5°	352.7	352.7	352.7	364.2	364.2	387.3	398.9	427.8	448.1	465.4	274.6
80°	263.1	260.2	263.1	266.0	266.0	277.5	297.7	318.0	335.3	335.3	187.9
82.5°	185.0	179.2	185.0	185.0	185.0	190.8	202.3	208.2	219.7	228.4	118.6
85°	115.6	115.6	115.6	118.6	115.6	121.4	124.3	130.1	130.1	124.3	72.3
87.5°	75.2	72.3	75.2	72.3	72.3	69.4	69.4	69.4	66.5	63.6	40.5
90°	6.5	6.5	6.5	6.5	6.5	8.6	11.5	13.0	11.2	7.5	4.8
92.5°	26.1	20.8	26.1	31.3	32.5	46.1	64.1	73.2	64.3	46.5	33.1
95°	90.8	75.1	90.8	106.4	110.4	144.9	191.0	214.0	180.7	114.2	64.3
97.5°	217.5	187.7	217.5	247.4	254.8	276.7	305.8	320.3	264.8	153.8	70.6
100°	313.4	277.8	313.4	348.9	357.8	356.2	354.0	352.9	291.3	168.3	75.9
102.5°	407.7	377.3	407.7	438.1	445.7	417.8	380.8	362.2	299.8	174.9	81.2
105°	527.9	511.5	527.9	544.3	548.4	486.0	402.8	361.2	300.7	179.9	89.2
107.5°	606.7	610.6	606.7	602.8	601.7	514.7	398.6	340.6	287.3	180.7	100.8
110°	636.7	653.7	636.7	619.7	615.4	518.1	388.4	323.5	275.5	179.4	107.3



TEST NUMBER: P934143

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	639.4	665.5	639.4	613.3	606.7	507.1	374.4	308.0	265.1	179.5	115.1
115°	622.5	658.7	622.5	586.2	577.1	481.2	353.3	289.3	253.2	181.1	126.9
117.5°	586.5	626.8	586.5	546.3	536.2	449.6	334.2	276.5	245.8	184.5	138.5
120°	557.5	596.6	557.5	518.4	508.6	429.5	324.1	271.4	243.3	187.2	145.1
122.5°	529.3	567.8	529.3	490.8	481.1	409.9	314.9	267.4	242.0	191.2	153.0
125°	489.1	524.6	489.1	453.5	444.7	384.2	303.5	263.2	240.9	196.4	163.1
127.5°	452.9	482.8	452.9	423.0	415.4	363.5	294.2	259.6	240.3	201.7	172.8
130°	431.5	459.2	431.5	403.8	396.9	350.7	289.0	258.2	240.7	205.6	179.3
132.5°	412.2	437.0	412.2	387.4	381.2	339.8	284.6	257.0	240.9	208.7	184.6
135°	385.6	407.0	385.6	364.3	359.0	324.3	278.1	255.0	240.7	212.2	190.8
137.5°	364.4	381.9	364.4	346.9	342.5	313.2	274.2	254.6	242.1	217.3	198.7
140°	349.8	366.2	349.8	333.5	329.4	304.1	270.3	253.4	242.4	220.5	204.0
142.5°	337.7	351.7	337.7	323.6	320.1	297.9	268.3	253.4	243.3	223.1	207.9
145°	319.6	330.2	319.6	308.9	306.3	288.1	263.8	251.7	243.3	226.5	213.9
147.5°	305.6	314.5	305.6	296.8	294.6	280.3	261.3	251.7	245.0	231.5	221.4
150°	296.9	304.1	296.9	289.7	287.9	275.9	259.7	251.7	245.8	234.1	225.3
152.5°	289.4	294.8	289.4	284.0	282.6	272.3	258.5	251.7	246.4	235.8	227.9
155°	280.8	284.3	280.8	277.2	276.3	268.1	257.2	251.7	247.7	239.6	233.5
157.5°	274.0	276.5	274.0	271.4	270.8	264.4	256.0	251.7	248.9	243.3	239.2
160°	269.9	271.4	269.9	268.5	268.1	262.6	255.4	251.7	249.5	245.0	241.7
162.5°	267.3	268.6	267.3	265.9	265.5	260.9	254.8	251.7	250.1	246.8	244.5
165°	263.4	264.9	263.4	262.0	261.6	258.3	253.9	251.7	251.0	249.6	248.5
167.5°	260.7	261.3	260.7	260.1	259.9	257.8	254.9	253.4	252.8	251.6	250.7
170°	259.9	259.9	259.9	259.9	259.9	257.8	254.9	253.4	253.4	253.3	253.2
172.5°	257.9	257.3	257.9	258.4	258.5	256.8	254.5	253.4	253.4	253.4	253.4
175°	256.7	256.7	256.7	256.7	256.7	255.6	254.1	253.4	253.8	254.4	255.0
177.5°	255.6	255.0	255.6	256.2	256.3	255.5	254.4	253.8	254.0	254.5	255.0
180°	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0



TEST NUMBER: P934143

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4
2.5°	3098.7	3081.4	3081.4	3052.5	3041.0	3032.2	3017.8	2974.4	2962.9	2951.3	2968.7
5°	3124.7	3093.0	3069.8	3017.8	2974.4	2957.1	2902.2	2798.1	2728.8	2676.7	2647.8
7.5°	3130.5	3090.1	3046.7	2965.8	2861.7	2815.5	2647.8	2457.0	2405.0	2358.8	2329.8
10°	3124.7	3078.5	3017.8	2896.3	2650.7	2569.7	2402.1	2277.8	2246.0	2237.3	2246.0
12.5°	3104.5	3061.1	2977.3	2775.0	2431.0	2376.1	2277.8	2205.5	2199.7	2214.2	2292.2
15°	3069.8	3029.3	2931.1	2613.1	2309.6	2269.2	2199.7	2173.8	2205.5	2306.7	2540.9
17.5°	3035.1	2988.9	2867.5	2454.2	2217.1	2188.2	2139.1	2191.1	2370.3	2506.2	2584.2
20°	2988.9	2933.9	2795.2	2338.5	2150.6	2124.6	2101.5	2335.6	2471.5	2520.6	2564.0
22.5°	2933.9	2876.2	2696.9	2257.5	2081.3	2061.0	2075.4	2416.6	2471.5	2506.2	2543.8
25°	2861.7	2812.6	2581.3	2194.0	2026.3	2003.2	2058.1	2407.9	2439.6	2448.4	2523.5
27.5°	2795.2	2731.6	2459.9	2136.2	1959.8	1951.2	2072.5	2370.3	2393.4	2402.1	2483.0
30°	2714.2	2618.9	2324.1	2075.4	1890.4	1887.5	2075.4	2324.1	2318.3	2341.4	2422.3
32.5°	2630.5	2451.3	2170.9	2000.3	1824.0	1821.1	2055.2	2254.6	2248.9	2280.7	2341.4
35°	2552.4	2321.2	1962.7	1913.6	1740.1	1743.0	2006.1	2173.8	2176.7	2205.5	2243.1
37.5°	2471.5	2208.4	1734.4	1818.2	1659.2	1659.2	1939.6	2098.6	2092.8	2101.5	2153.5
40°	2376.1	2032.1	1532.0	1693.9	1584.1	1575.4	1858.7	2017.6	1997.4	1994.6	2066.8
42.5°	2274.9	1838.4	1381.7	1529.1	1497.4	1485.8	1760.4	1919.4	1881.8	1890.4	1982.9
45°	2165.0	1786.4	1266.1	1292.1	1407.7	1399.1	1653.4	1806.7	1780.6	1803.7	1899.2
47.5°	2055.2	1682.3	1228.5	1072.4	1312.4	1309.5	1535.0	1696.8	1682.3	1705.4	1806.7
50°	1904.9	1566.7	1225.6	919.2	1205.3	1217.0	1393.3	1589.9	1589.9	1610.0	1717.1
52.5°	1711.2	1425.0	1112.8	832.5	1081.1	1115.7	1269.0	1497.4	1503.1	1523.3	1618.7
55°	1535.0	1277.7	1032.0	766.0	933.6	1008.8	1147.6	1402.0	1413.5	1433.7	1520.4
57.5°	1373.0	1063.7	1014.6	688.0	797.8	870.1	1040.6	1309.5	1315.2	1332.6	1416.4
60°	1199.6	768.9	930.7	604.1	679.3	734.2	942.4	1199.6	1219.9	1231.4	1303.7
62.5°	1003.0	557.9	844.0	546.3	621.5	633.1	861.4	1095.5	1121.6	1130.3	1173.6
65°	714.0	468.3	716.9	497.2	560.7	563.6	774.7	988.6	1011.7	1026.1	1057.9
67.5°	482.8	381.5	546.3	450.9	514.5	517.4	690.8	864.3	896.1	907.7	927.9
70°	335.3	254.4	404.7	401.8	462.5	468.3	601.2	751.5	780.5	789.1	800.7
72.5°	245.7	205.2	335.3	361.3	407.6	413.4	508.7	624.4	653.2	661.9	667.8
75°	187.9	216.8	271.7	315.1	346.9	349.8	416.2	508.7	529.0	534.8	537.7
77.5°	150.3	202.3	199.4	254.4	283.3	277.5	326.6	393.2	410.5	410.5	410.5
80°	112.7	159.0	150.3	182.1	208.2	202.3	234.1	280.4	286.1	291.9	289.0
82.5°	83.8	101.1	101.1	115.6	138.7	133.0	156.1	182.1	182.1	182.1	187.9
85°	52.0	57.8	46.2	60.7	78.1	75.2	86.7	98.3	101.1	101.1	95.4
87.5°	31.8	26.1	14.4	23.1	34.7	34.7	40.5	43.4	40.5	40.5	40.5
90°	4.4	3.1	1.7	3.1	4.4	4.8	7.5	11.2	13.0	11.5	8.6
92.5°	30.2	18.4	6.8	18.4	30.2	33.1	46.5	64.3	73.2	64.1	46.1
95°	59.0	37.7	16.4	37.7	59.0	64.3	114.2	180.7	214.0	191.0	144.9
97.5°	65.9	47.2	28.4	47.2	65.9	70.6	153.8	264.8	320.3	305.8	276.7
100°	71.7	54.7	37.7	54.7	71.7	75.9	168.3	291.3	352.9	354.0	356.2
102.5°	77.3	61.4	45.5	61.4	77.3	81.2	174.9	299.8	362.2	380.8	417.8
105°	85.8	72.3	58.8	72.3	85.8	89.2	179.9	300.7	361.2	402.8	486.0
107.5°	97.6	85.1	72.5	85.1	97.6	100.8	180.7	287.3	340.6	398.6	514.7
110°	104.5	93.1	81.8	93.1	104.5	107.3	179.4	275.5	323.5	388.4	518.1



TEST NUMBER: P934143

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	112.4	101.6	90.9	101.6	112.4	115.1	179.5	265.1	308.0	374.4	507.1
115°	124.4	114.5	104.5	114.5	124.4	126.9	181.1	253.2	289.3	353.3	481.2
117.5°	136.1	127.1	118.0	127.1	136.1	138.5	184.5	245.8	276.5	334.2	449.6
120°	143.0	134.4	125.9	134.4	143.0	145.1	187.2	243.3	271.4	324.1	429.5
122.5°	150.8	142.2	133.6	142.2	150.8	153.0	191.2	242.0	267.4	314.9	409.9
125°	161.1	153.3	145.5	153.3	161.1	163.1	196.4	240.9	263.2	303.5	384.2
127.5°	170.8	162.9	155.0	162.9	170.8	172.8	201.7	240.3	259.6	294.2	363.5
130°	177.1	168.7	160.1	168.7	177.1	179.3	205.6	240.7	258.2	289.0	350.7
132.5°	182.4	174.0	165.4	174.0	182.4	184.6	208.7	240.9	257.0	284.6	339.8
135°	188.8	181.1	173.3	181.1	188.8	190.8	212.2	240.7	255.0	278.1	324.3
137.5°	196.7	189.0	181.3	189.0	196.7	198.7	217.3	242.1	254.6	274.2	313.2
140°	202.2	195.1	188.0	195.1	202.2	204.0	220.5	242.4	253.4	270.3	304.1
142.5°	206.3	199.7	193.2	199.7	206.3	207.9	223.1	243.3	253.4	268.3	297.9
145°	212.4	206.8	201.1	206.8	212.4	213.9	226.5	243.3	251.7	263.8	288.1
147.5°	220.0	214.5	208.9	214.5	220.0	221.4	231.5	245.0	251.7	261.3	280.3
150°	224.0	219.1	214.0	219.1	224.0	225.3	234.1	245.8	251.7	259.7	275.9
152.5°	226.9	223.1	219.3	223.1	226.9	227.9	235.8	246.4	251.7	258.5	272.3
155°	232.8	230.0	227.2	230.0	232.8	233.5	239.6	247.7	251.7	257.2	268.1
157.5°	238.5	235.7	233.0	235.7	238.5	239.2	243.3	248.9	251.7	256.0	264.4
160°	241.2	239.1	236.9	239.1	241.2	241.7	245.0	249.5	251.7	255.4	262.6
162.5°	244.0	242.5	240.9	242.5	244.0	244.5	246.8	250.1	251.7	254.8	260.9
165°	248.1	246.7	245.2	246.7	248.1	248.5	249.6	251.0	251.7	253.9	258.3
167.5°	250.5	249.8	249.1	249.8	250.5	250.7	251.6	252.8	253.4	254.9	257.8
170°	253.1	252.4	251.7	252.4	253.1	253.2	253.3	253.4	253.4	254.9	257.8
172.5°	253.4	253.2	253.1	253.2	253.4	253.4	253.4	253.4	253.4	254.5	256.8
175°	255.0	255.0	255.0	255.0	255.0	255.0	254.4	253.8	253.4	254.1	255.6
177.5°	255.0	255.0	255.0	255.0	255.0	255.0	254.5	254.0	253.8	254.4	255.5
180°	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0



TEST NUMBER: P934143

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4
2.5°	2948.4	2939.7	2951.3	2919.5	2951.3	2939.7	2948.4	2968.7	2951.3	2962.9	2974.4
5°	2587.1	2572.6	2526.4	2488.8	2526.4	2572.6	2587.1	2647.8	2676.7	2728.8	2798.1
7.5°	2312.5	2300.9	2289.3	2266.3	2289.3	2300.9	2312.5	2329.8	2358.8	2405.0	2457.0
10°	2251.8	2254.6	2272.0	2269.2	2272.0	2254.6	2251.8	2246.0	2237.3	2246.0	2277.8
12.5°	2407.9	2433.9	2529.2	2523.5	2529.2	2433.9	2407.9	2292.2	2214.2	2199.7	2205.5
15°	2587.1	2595.8	2616.0	2618.9	2616.0	2595.8	2587.1	2540.9	2306.7	2205.5	2173.8
17.5°	2604.4	2607.3	2621.7	2621.7	2621.7	2607.3	2604.4	2584.2	2506.2	2370.3	2191.1
20°	2590.0	2595.8	2624.6	2630.5	2624.6	2595.8	2590.0	2564.0	2520.6	2471.5	2335.6
22.5°	2584.2	2595.8	2618.9	2616.0	2618.9	2595.8	2584.2	2543.8	2506.2	2471.5	2416.6
25°	2555.3	2555.3	2558.2	2561.1	2558.2	2555.3	2555.3	2523.5	2448.4	2439.6	2407.9
27.5°	2494.6	2500.4	2517.7	2514.8	2517.7	2500.4	2494.6	2483.0	2402.1	2393.4	2370.3
30°	2439.6	2433.9	2419.4	2407.9	2419.4	2433.9	2439.6	2422.3	2341.4	2318.3	2324.1
32.5°	2347.1	2332.7	2318.3	2309.6	2318.3	2332.7	2347.1	2341.4	2280.7	2248.9	2254.6
35°	2237.3	2240.2	2237.3	2228.7	2237.3	2240.2	2237.3	2243.1	2205.5	2176.7	2173.8
37.5°	2159.3	2165.0	2162.1	2150.6	2162.1	2165.0	2159.3	2153.5	2101.5	2092.8	2098.6
40°	2078.3	2081.3	2078.3	2069.6	2078.3	2081.3	2078.3	2066.8	1994.6	1997.4	2017.6
42.5°	2000.3	1997.4	1988.8	1982.9	1988.8	1997.4	2000.3	1982.9	1890.4	1881.8	1919.4
45°	1910.7	1913.6	1896.2	1887.5	1896.2	1913.6	1910.7	1899.2	1803.7	1780.6	1806.7
47.5°	1821.1	1821.1	1806.7	1797.9	1806.7	1821.1	1821.1	1806.7	1705.4	1682.3	1696.8
50°	1725.7	1722.8	1702.5	1699.7	1702.5	1722.8	1725.7	1717.1	1610.0	1589.9	1589.9
52.5°	1615.8	1615.8	1618.7	1624.6	1618.7	1615.8	1615.8	1618.7	1523.3	1503.1	1497.4
55°	1520.4	1523.3	1543.6	1549.4	1543.6	1523.3	1520.4	1520.4	1433.7	1413.5	1402.0
57.5°	1422.2	1422.2	1436.6	1436.6	1436.6	1422.2	1422.2	1416.4	1332.6	1315.2	1309.5
60°	1309.5	1315.2	1326.8	1323.9	1326.8	1315.2	1309.5	1303.7	1231.4	1219.9	1199.6
62.5°	1190.9	1196.7	1199.6	1193.8	1199.6	1196.7	1190.9	1173.6	1130.3	1121.6	1095.5
65°	1066.6	1072.4	1075.3	1069.5	1075.3	1072.4	1066.6	1057.9	1026.1	1011.7	988.6
67.5°	939.5	936.6	933.6	945.3	933.6	936.6	939.5	927.9	907.7	896.1	864.3
70°	809.4	809.4	806.5	812.3	806.5	809.4	809.4	800.7	789.1	780.5	751.5
72.5°	670.7	667.8	679.3	670.7	679.3	667.8	670.7	667.8	661.9	653.2	624.4
75°	534.8	540.6	534.8	543.4	534.8	540.6	534.8	537.7	534.8	529.0	508.7
77.5°	407.6	413.4	407.6	407.6	407.6	413.4	407.6	410.5	410.5	410.5	393.2
80°	289.0	286.1	286.1	283.3	286.1	286.1	289.0	289.0	291.9	286.1	280.4
82.5°	185.0	182.1	182.1	187.9	182.1	182.1	185.0	187.9	182.1	182.1	182.1
85°	101.1	104.0	98.3	98.3	98.3	104.0	101.1	95.4	101.1	101.1	98.3
87.5°	37.6	34.7	34.7	34.7	34.7	34.7	37.6	40.5	40.5	40.5	43.4
90°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	8.6	11.5	13.0	11.2
92.5°	32.5	31.3	26.1	20.8	26.1	31.3	32.5	46.1	64.1	73.2	64.3
95°	110.4	106.4	90.8	75.1	90.8	106.4	110.4	144.9	191.0	214.0	180.7
97.5°	254.8	247.4	217.5	187.7	217.5	247.4	254.8	276.7	305.8	320.3	264.8
100°	357.8	348.9	313.4	277.8	313.4	348.9	357.8	356.2	354.0	352.9	291.3
102.5°	445.7	438.1	407.7	377.3	407.7	438.1	445.7	417.8	380.8	362.2	299.8
105°	548.4	544.3	527.9	511.5	527.9	544.3	548.4	486.0	402.8	361.2	300.7
107.5°	601.7	602.8	606.7	610.6	606.7	602.8	601.7	514.7	398.6	340.6	287.3
110°	615.4	619.7	636.7	653.7	636.7	619.7	615.4	518.1	388.4	323.5	275.5



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CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	606.7	613.3	639.4	665.5	639.4	613.3	606.7	507.1	374.4	308.0	265.1
115°	577.1	586.2	622.5	658.7	622.5	586.2	577.1	481.2	353.3	289.3	253.2
117.5°	536.2	546.3	586.5	626.8	586.5	546.3	536.2	449.6	334.2	276.5	245.8
120°	508.6	518.4	557.5	596.6	557.5	518.4	508.6	429.5	324.1	271.4	243.3
122.5°	481.1	490.8	529.3	567.8	529.3	490.8	481.1	409.9	314.9	267.4	242.0
125°	444.7	453.5	489.1	524.6	489.1	453.5	444.7	384.2	303.5	263.2	240.9
127.5°	415.4	423.0	452.9	482.8	452.9	423.0	415.4	363.5	294.2	259.6	240.3
130°	396.9	403.8	431.5	459.2	431.5	403.8	396.9	350.7	289.0	258.2	240.7
132.5°	381.2	387.4	412.2	437.0	412.2	387.4	381.2	339.8	284.6	257.0	240.9
135°	359.0	364.3	385.6	407.0	385.6	364.3	359.0	324.3	278.1	255.0	240.7
137.5°	342.5	346.9	364.4	381.9	364.4	346.9	342.5	313.2	274.2	254.6	242.1
140°	329.4	333.5	349.8	366.2	349.8	333.5	329.4	304.1	270.3	253.4	242.4
142.5°	320.1	323.6	337.7	351.7	337.7	323.6	320.1	297.9	268.3	253.4	243.3
145°	306.3	308.9	319.6	330.2	319.6	308.9	306.3	288.1	263.8	251.7	243.3
147.5°	294.6	296.8	305.6	314.5	305.6	296.8	294.6	280.3	261.3	251.7	245.0
150°	287.9	289.7	296.9	304.1	296.9	289.7	287.9	275.9	259.7	251.7	245.8
152.5°	282.6	284.0	289.4	294.8	289.4	284.0	282.6	272.3	258.5	251.7	246.4
155°	276.3	277.2	280.8	284.3	280.8	277.2	276.3	268.1	257.2	251.7	247.7
157.5°	270.8	271.4	274.0	276.5	274.0	271.4	270.8	264.4	256.0	251.7	248.9
160°	268.1	268.5	269.9	271.4	269.9	268.5	268.1	262.6	255.4	251.7	249.5
162.5°	265.5	265.9	267.3	268.6	267.3	265.9	265.5	260.9	254.8	251.7	250.1
165°	261.6	262.0	263.4	264.9	263.4	262.0	261.6	258.3	253.9	251.7	251.0
167.5°	259.9	260.1	260.7	261.3	260.7	260.1	259.9	257.8	254.9	253.4	252.8
170°	259.9	259.9	259.9	259.9	259.9	259.9	259.9	257.8	254.9	253.4	253.4
172.5°	258.5	258.4	257.9	257.3	257.9	258.4	258.5	256.8	254.5	253.4	253.4
175°	256.7	256.7	256.7	256.7	256.7	256.7	256.7	255.6	254.1	253.4	253.8
177.5°	256.3	256.2	255.6	255.0	255.6	256.2	256.3	255.5	254.4	253.8	254.0
180°	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0



TEST NUMBER: P934143

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3055.4	3055.4	3055.4	3055.4	3055.4
2.5°	3017.8	3032.2	3041.0	3052.5	3081.4
5°	2902.2	2957.1	2974.4	3017.8	3069.8
7.5°	2647.8	2815.5	2861.7	2965.8	3046.7
10°	2402.1	2569.7	2650.7	2896.3	3017.8
12.5°	2277.8	2376.1	2431.0	2775.0	2977.3
15°	2199.7	2269.2	2309.6	2613.1	2931.1
17.5°	2139.1	2188.2	2217.1	2454.2	2867.5
20°	2101.5	2124.6	2150.6	2338.5	2795.2
22.5°	2075.4	2061.0	2081.3	2257.5	2696.9
25°	2058.1	2003.2	2026.3	2194.0	2581.3
27.5°	2072.5	1951.2	1959.8	2136.2	2459.9
30°	2075.4	1887.5	1890.4	2075.4	2324.1
32.5°	2055.2	1821.1	1824.0	2000.3	2170.9
35°	2006.1	1743.0	1740.1	1913.6	1962.7
37.5°	1939.6	1659.2	1659.2	1818.2	1734.4
40°	1858.7	1575.4	1584.1	1693.9	1532.0
42.5°	1760.4	1485.8	1497.4	1529.1	1381.7
45°	1653.4	1399.1	1407.7	1292.1	1266.1
47.5°	1535.0	1309.5	1312.4	1072.4	1228.5
50°	1393.3	1217.0	1205.3	919.2	1225.6
52.5°	1269.0	1115.7	1081.1	832.5	1112.8
55°	1147.6	1008.8	933.6	766.0	1032.0
57.5°	1040.6	870.1	797.8	688.0	1014.6
60°	942.4	734.2	679.3	604.1	930.7
62.5°	861.4	633.1	621.5	546.3	844.0
65°	774.7	563.6	560.7	497.2	716.9
67.5°	690.8	517.4	514.5	450.9	546.3
70°	601.2	468.3	462.5	401.8	404.7
72.5°	508.7	413.4	407.6	361.3	335.3
75°	416.2	349.8	346.9	315.1	271.7
77.5°	326.6	277.5	283.3	254.4	199.4
80°	234.1	202.3	208.2	182.1	150.3
82.5°	156.1	133.0	138.7	115.6	101.1
85°	86.7	75.2	78.1	60.7	46.2
87.5°	40.5	34.7	34.7	23.1	14.4
90°	7.5	4.8	4.4	3.1	1.7
92.5°	46.5	33.1	30.2	18.4	6.8
95°	114.2	64.3	59.0	37.7	16.4
97.5°	153.8	70.6	65.9	47.2	28.4
100°	168.3	75.9	71.7	54.7	37.7
102.5°	174.9	81.2	77.3	61.4	45.5
105°	179.9	89.2	85.8	72.3	58.8
107.5°	180.7	100.8	97.6	85.1	72.5
110°	179.4	107.3	104.5	93.1	81.8



TEST NUMBER: P934143

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	179.5	115.1	112.4	101.6	90.9
115°	181.1	126.9	124.4	114.5	104.5
117.5°	184.5	138.5	136.1	127.1	118.0
120°	187.2	145.1	143.0	134.4	125.9
122.5°	191.2	153.0	150.8	142.2	133.6
125°	196.4	163.1	161.1	153.3	145.5
127.5°	201.7	172.8	170.8	162.9	155.0
130°	205.6	179.3	177.1	168.7	160.1
132.5°	208.7	184.6	182.4	174.0	165.4
135°	212.2	190.8	188.8	181.1	173.3
137.5°	217.3	198.7	196.7	189.0	181.3
140°	220.5	204.0	202.2	195.1	188.0
142.5°	223.1	207.9	206.3	199.7	193.2
145°	226.5	213.9	212.4	206.8	201.1
147.5°	231.5	221.4	220.0	214.5	208.9
150°	234.1	225.3	224.0	219.1	214.0
152.5°	235.8	227.9	226.9	223.1	219.3
155°	239.6	233.5	232.8	230.0	227.2
157.5°	243.3	239.2	238.5	235.7	233.0
160°	245.0	241.7	241.2	239.1	236.9
162.5°	246.8	244.5	244.0	242.5	240.9
165°	249.6	248.5	248.1	246.7	245.2
167.5°	251.6	250.7	250.5	249.8	249.1
170°	253.3	253.2	253.1	252.4	251.7
172.5°	253.4	253.4	253.4	253.2	253.1
175°	254.4	255.0	255.0	255.0	255.0
177.5°	254.5	255.0	255.0	255.0	255.0
180°	255.0	255.0	255.0	255.0	255.0



TEST NUMBER: P934143
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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	16.63	17.89	17.24	18.51	19.23	19.47	20.73	20.08	21.35	22.06
	3H	17.14	18.27	17.76	18.90	19.65	20.85	21.98	21.47	22.61	23.36
	4H	17.35	18.41	17.99	19.06	19.82	21.31	22.38	21.96	23.02	23.78
	6H	17.48	18.47	18.15	19.13	19.90	21.62	22.60	22.28	23.26	24.04
	8H	17.50	18.44	18.17	19.12	19.90	21.70	22.64	22.38	23.32	24.10
	12H	17.48	18.38	18.16	19.05	19.86	21.76	22.65	22.43	23.33	24.13
4H	2H	17.71	18.78	18.36	19.43	20.19	19.92	20.99	20.57	21.64	22.40
	3H	18.77	19.66	19.44	20.35	21.13	21.47	22.36	22.13	23.05	23.82
	4H	19.07	19.87	19.75	20.57	21.38	22.01	22.82	22.70	23.51	24.32
	6H	19.21	19.91	19.92	20.63	21.45	22.40	23.10	23.10	23.82	24.64
	8H	19.23	19.88	19.94	20.60	21.43	22.52	23.18	23.23	23.89	24.72
	12H	19.22	19.80	19.94	20.54	21.38	22.60	23.19	23.32	23.92	24.76
8H	4H	19.55	20.21	20.26	20.92	21.75	22.17	22.82	22.88	23.54	24.37
	6H	19.83	20.37	20.57	21.13	21.97	22.62	23.17	23.36	23.92	24.76
	8H	19.88	20.36	20.63	21.12	21.97	22.78	23.27	23.53	24.02	24.88
	12H	19.88	20.31	20.63	21.05	21.97	22.90	23.33	23.65	24.07	24.99
12H	4H	19.58	20.17	20.31	20.91	21.74	22.15	22.74	22.88	23.48	24.32
	6H	19.90	20.38	20.65	21.14	21.99	22.62	23.11	23.37	23.87	24.72
	8H	19.98	20.41	20.73	21.16	22.07	22.81	23.23	23.56	23.98	24.89