

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: P934176

Luminaire Tested: SQ4-FA-025U-125D-940-1D-UNV-STD-W-8

Issue Date: 12/17/2024

**Test Information**

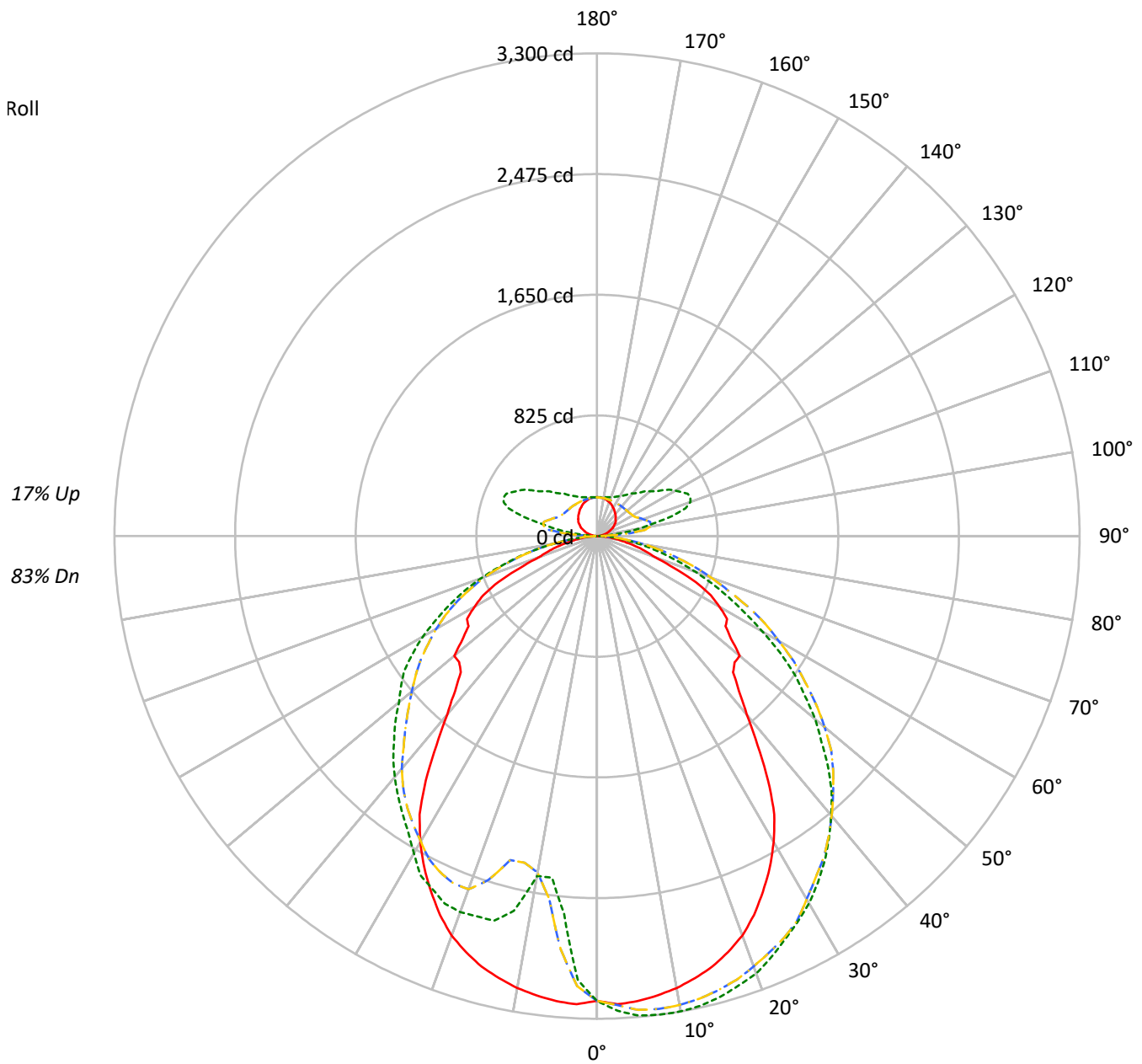
Test Method: LM-79-2019  
Report Number: P934176  
REPORT IS A COMBINATION OF REPORTS P933688 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-025U-125D-940-1D-UNV-STD-W-8  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9955.4 lumens  
Efficiency: N/A  
Efficacy: 100.4 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	0
RCR																					
0	115	115	115	115	110	110	110	110	102	102	102	94	94	94	86	86	86	86	86	86	83
1	105	101	97	93	101	97	93	90	89	87	84	83	80	78	76	75	73	73	73	73	70
2	96	88	82	76	92	85	79	74	78	74	70	73	69	66	67	64	62	62	62	62	59
3	88	78	70	64	84	75	68	62	69	63	59	64	60	56	60	56	52	52	52	52	50
4	80	69	60	54	77	66	59	53	62	55	50	57	52	48	53	49	45	45	45	45	43
5	74	61	53	46	70	59	51	45	55	49	43	52	46	41	48	43	39	39	39	39	37
6	68	55	47	40	65	53	45	40	50	43	38	47	41	36	44	39	35	35	35	35	32
7	63	50	42	36	60	48	41	35	45	39	34	42	37	32	40	35	31	31	31	31	29
8	59	46	37	32	56	44	36	31	41	35	30	39	33	29	37	31	28	28	28	28	26
9	55	42	34	28	52	40	33	28	38	32	27	36	30	26	34	29	25	25	25	25	23
10	51	38	31	26	49	37	30	25	35	29	24	33	28	24	31	26	23	23	23	23	21

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

	0°	90°	180°	270°
0°	14738	14738	14738	14738
5°	14848	14878	14848	11698
10°	14749	14654	14749	10477
15°	14588	14337	14588	11972
20°	14284	13961	14284	11997
25°	13659	13413	13659	11743
30°	12852	12957	12852	11185
35°	11457	12381	11457	10571
40°	9547	11703	9547	10107
45°	8530	10909	8530	9575
50°	9062	9962	9062	9040
55°	8526	8942	8526	8730
60°	8789	7595	8789	7996
65°	7969	6278	7969	7018
70°	5517	5003	5517	5883
75°	4838	3698	4838	4428
80°	3900	2445	3900	2662
85°	2236	1295	2236	1101

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 13074 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	286.7	2.9
10°-20°	814.1	8.2
20°-30°	1258.5	12.6
30°-40°	1502.4	15.1
40°-50°	1511.2	15.2
50°-60°	1314.9	13.2
60°-70°	932.3	9.4
70°-80°	493.2	5.0
80°-90°	123.8	1.2
90°-100°	129.2	1.3
100°-110°	339.7	3.4
110°-120°	352.2	3.5
120°-130°	282.5	2.8
130°-140°	221.7	2.2
140°-150°	170.1	1.7
150°-160°	122.5	1.2
160°-170°	75.0	0.8
170°-180°	25.3	0.3
0°-30°	2359.4	23.7
0°-40°	3861.7	38.8
0°-60°	6687.8	67.2
0°-90°	8237.2	82.7
90°-120°	821.0	8.2
90°-150°	1495.3	15.0
90°-180°	1718.0	17.3
0°-180°	9955.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3177	3177	3177	3177	3177	
5°	3192	3291	3192	2588	3192	303
15°	3047	3261	3047	2723	3047	857
25°	2684	3041	2684	2663	2684	1232
35°	2040	2714	2040	2317	2040	1262
45°	1316	2236	1316	1962	1316	1054
55°	1073	1650	1073	1611	1073	986
65°	745	995	745	1112	745	712
75°	282	472	282	565	282	297
85°	48	120	48	102	48	65
90°	2	7	2	7	2	4
95°	17	78	17	78	17	19
105°	61	532	61	532	61	65
115°	109	685	109	685	109	107
125°	151	545	151	545	151	134
135°	180	423	180	423	180	139
145°	209	343	209	343	209	131
155°	236	296	236	296	236	109
165°	255	275	255	275	255	72
175°	265	267	265	267	265	25
180°	265	265	265	265	265	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6
2.5°	3203.5	3203.5	3221.6	3227.6	3227.6	3218.6	3209.6	3218.6	3245.6	3254.7	3251.7
5°	3191.6	3215.6	3248.7	3254.7	3260.6	3257.7	3251.7	3257.7	3287.7	3293.8	3296.8
7.5°	3167.5	3212.6	3254.7	3263.7	3272.7	3263.7	3260.6	3266.7	3296.8	3302.7	3302.7
10°	3137.5	3200.6	3248.7	3254.7	3263.7	3254.7	3254.7	3266.7	3296.8	3302.7	3305.8
12.5°	3095.4	3182.5	3227.6	3233.7	3245.6	3242.6	3239.7	3251.7	3281.7	3287.7	3287.7
15°	3047.3	3149.5	3191.6	3197.6	3218.6	3212.6	3212.6	3224.6	3257.7	3266.7	3263.7
17.5°	2981.2	3107.4	3155.5	3164.5	3179.6	3176.6	3179.6	3191.6	3221.6	3227.6	3230.6
20°	2906.1	3050.3	3107.4	3116.4	3131.4	3131.4	3131.4	3146.5	3176.6	3188.5	3188.5
22.5°	2803.9	2990.3	3050.3	3056.3	3074.3	3074.3	3080.4	3101.4	3128.4	3131.4	3131.4
25°	2683.7	2924.1	2975.2	2993.2	3011.2	3020.3	3029.3	3041.3	3050.3	3047.3	3050.3
27.5°	2557.4	2839.9	2906.1	2918.1	2942.1	2951.2	2963.2	2966.2	2969.2	2978.2	2972.1
30°	2416.2	2722.8	2821.9	2834.0	2873.0	2879.0	2867.0	2873.0	2888.0	2894.1	2900.0
32.5°	2256.9	2548.5	2734.8	2761.9	2797.9	2779.9	2776.9	2785.8	2809.9	2809.9	2815.9
35°	2040.5	2413.2	2653.6	2677.7	2704.7	2683.7	2695.7	2698.7	2713.7	2722.8	2719.8
37.5°	1803.2	2296.0	2569.5	2587.5	2608.6	2581.5	2599.5	2608.6	2620.6	2614.5	2614.5
40°	1592.8	2112.6	2470.3	2482.3	2500.3	2479.3	2497.3	2503.4	2509.4	2503.4	2500.3
42.5°	1436.5	1911.3	2365.1	2380.1	2368.1	2383.1	2389.2	2401.2	2392.2	2380.1	2380.1
45°	1316.3	1857.3	2250.9	2268.9	2250.9	2275.0	2284.0	2284.0	2256.9	2250.9	2247.9
47.5°	1277.2	1749.0	2136.7	2136.7	2127.7	2157.8	2172.8	2151.7	2124.7	2115.7	2115.7
50°	1274.2	1628.9	1980.4	1968.4	2010.5	2046.6	2031.6	2010.5	1989.5	1956.4	1956.4
52.5°	1157.0	1481.5	1779.1	1824.2	1890.3	1911.3	1887.3	1866.2	1830.2	1815.2	1803.2
55°	1072.9	1328.4	1595.8	1686.0	1755.0	1782.1	1737.0	1716.0	1661.9	1652.9	1646.9
57.5°	1054.9	1105.9	1427.5	1541.7	1625.8	1622.8	1595.8	1556.8	1511.6	1502.6	1499.7
60°	967.7	799.4	1247.2	1382.4	1469.6	1460.6	1436.5	1400.5	1358.4	1352.3	1346.4
62.5°	877.5	580.0	1042.8	1196.0	1319.3	1316.3	1295.2	1241.2	1211.1	1196.0	1184.1
65°	745.3	486.9	742.3	994.7	1172.1	1178.0	1133.0	1093.9	1060.8	1042.8	1039.8
67.5°	568.0	396.7	501.9	829.5	1030.8	1024.8	967.7	949.6	907.6	898.6	880.5
70°	420.7	264.4	348.6	673.2	892.5	877.5	832.4	811.5	772.4	751.3	739.3
72.5°	348.6	213.4	255.5	522.9	751.3	733.3	694.2	670.2	637.1	619.1	607.0
75°	282.5	225.4	195.4	387.7	610.1	598.1	562.0	538.0	510.9	486.9	489.8
77.5°	207.3	210.4	156.3	285.5	483.9	465.8	444.8	414.7	402.7	378.6	378.6
80°	156.3	165.3	117.2	195.4	348.6	348.6	330.6	309.6	288.5	276.5	276.5
82.5°	105.1	105.1	87.1	123.3	237.5	228.4	216.4	210.4	198.4	192.3	192.3
85°	48.0	60.1	54.1	75.1	129.2	135.2	135.2	129.2	126.2	120.2	123.3
87.5°	15.0	27.1	33.0	42.1	66.2	69.1	72.1	72.1	72.1	75.1	75.1
90°	1.8	3.2	4.6	5.0	7.8	11.6	13.5	12.0	9.0	6.7	6.7
92.5°	7.1	19.2	31.3	34.4	48.3	66.9	76.1	66.7	48.0	33.8	32.5
95°	17.0	39.2	61.4	66.9	118.7	187.9	222.5	198.6	150.7	114.7	110.6
97.5°	29.6	49.1	68.6	73.4	159.9	275.3	333.0	317.9	287.6	264.9	257.2
100°	39.2	56.8	74.5	78.9	174.9	302.9	366.9	368.1	370.3	372.0	362.7
102.5°	47.3	63.8	80.4	84.4	181.9	311.7	376.6	395.9	434.4	463.4	455.5
105°	61.2	75.2	89.2	92.7	187.0	312.7	375.5	418.8	505.3	570.1	565.8
107.5°	75.4	88.4	101.5	104.8	187.9	298.7	354.1	414.4	535.1	625.6	626.7
110°	85.1	96.8	108.6	111.5	186.5	286.4	336.4	403.8	538.7	639.8	644.2



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	94.5	105.7	116.9	119.7	186.6	275.6	320.2	389.2	527.2	630.7	637.6
115°	108.7	119.0	129.4	132.0	188.3	263.3	300.8	367.3	500.3	600.0	609.4
117.5°	122.7	132.1	141.5	143.9	191.8	255.6	287.4	347.5	467.4	557.5	568.0
120°	130.9	139.8	148.7	150.9	194.6	253.0	282.1	336.9	446.6	528.8	538.9
122.5°	138.9	147.9	156.8	159.0	198.7	251.6	278.0	327.4	426.2	500.2	510.2
125°	151.2	159.4	167.5	169.5	204.2	250.5	273.6	315.5	399.4	462.3	471.5
127.5°	161.2	169.3	177.6	179.6	209.7	249.8	269.9	305.9	377.9	431.9	439.7
130°	166.5	175.4	184.2	186.4	213.7	250.2	268.4	300.5	364.6	412.7	419.8
132.5°	172.0	180.9	189.7	191.9	217.0	250.5	267.2	295.9	353.2	396.3	402.8
135°	180.2	188.3	196.3	198.4	220.6	250.2	265.1	289.1	337.2	373.2	378.7
137.5°	188.5	196.5	204.5	206.5	225.9	251.7	264.7	285.0	325.6	356.1	360.6
140°	195.4	202.8	210.2	212.1	229.2	252.0	263.5	281.1	316.1	342.4	346.7
142.5°	200.9	207.6	214.5	216.1	231.9	253.0	263.5	278.9	309.7	332.8	336.5
145°	209.0	215.0	220.8	222.4	235.5	253.0	261.7	274.3	299.5	318.4	321.2
147.5°	217.2	223.0	228.7	230.2	240.6	254.7	261.7	271.6	291.4	306.3	308.6
150°	222.5	227.8	232.9	234.3	243.4	255.6	261.7	270.0	286.8	299.3	301.2
152.5°	228.0	231.9	235.9	236.9	245.2	256.2	261.7	268.8	283.1	293.8	295.3
155°	236.2	239.1	242.1	242.8	249.1	257.5	261.7	267.4	278.7	287.3	288.2
157.5°	242.2	245.1	247.9	248.6	253.0	258.8	261.7	266.1	274.9	281.6	282.2
160°	246.3	248.6	250.8	251.3	254.8	259.4	261.7	265.5	273.1	278.7	279.1
162.5°	250.4	252.1	253.7	254.1	256.6	260.0	261.7	264.9	271.3	276.1	276.4
165°	254.9	256.5	258.0	258.3	259.5	261.0	261.7	264.0	268.5	272.0	272.3
167.5°	259.0	259.7	260.5	260.6	261.6	262.8	263.5	265.0	268.0	270.2	270.4
170°	261.7	262.4	263.1	263.3	263.4	263.5	263.5	265.0	268.0	270.2	270.2
172.5°	263.1	263.3	263.5	263.5	263.5	263.5	263.5	264.6	267.0	268.8	268.6
175°	265.1	265.1	265.1	265.1	264.5	263.8	263.5	264.2	265.7	266.8	266.8
177.5°	265.1	265.1	265.1	265.1	264.6	264.1	263.8	264.4	265.6	266.5	266.3
180°	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6
2.5°	3257.7	3248.7	3257.7	3251.7	3254.7	3245.6	3218.6	3209.6	3218.6	3227.6	3227.6
5°	3296.8	3290.8	3296.8	3296.8	3293.8	3287.7	3257.7	3251.7	3257.7	3260.6	3254.7
7.5°	3308.8	3299.7	3308.8	3302.7	3302.7	3296.8	3266.7	3260.6	3263.7	3272.7	3263.7
10°	3308.8	3299.7	3308.8	3305.8	3302.7	3296.8	3266.7	3254.7	3254.7	3263.7	3254.7
12.5°	3293.8	3287.7	3293.8	3287.7	3287.7	3281.7	3251.7	3239.7	3242.6	3245.6	3233.7
15°	3269.7	3260.6	3269.7	3263.7	3266.7	3257.7	3224.6	3212.6	3212.6	3218.6	3197.6
17.5°	3233.7	3221.6	3233.7	3230.6	3227.6	3221.6	3191.6	3179.6	3176.6	3179.6	3164.5
20°	3191.6	3182.5	3191.6	3188.5	3188.5	3176.6	3146.5	3131.4	3131.4	3131.4	3116.4
22.5°	3125.4	3116.4	3125.4	3131.4	3131.4	3128.4	3101.4	3080.4	3074.3	3074.3	3056.3
25°	3050.3	3041.3	3050.3	3050.3	3047.3	3050.3	3041.3	3029.3	3020.3	3011.2	2993.2
27.5°	2978.2	2972.1	2978.2	2972.1	2978.2	2969.2	2966.2	2963.2	2951.2	2942.1	2918.1
30°	2906.1	2900.0	2906.1	2900.0	2894.1	2888.0	2873.0	2867.0	2879.0	2873.0	2834.0
32.5°	2815.9	2809.9	2815.9	2815.9	2809.9	2809.9	2785.8	2776.9	2779.9	2797.9	2761.9
35°	2722.8	2713.7	2722.8	2719.8	2722.8	2713.7	2698.7	2695.7	2683.7	2704.7	2677.7
37.5°	2614.5	2605.6	2614.5	2614.5	2614.5	2620.6	2608.6	2599.5	2581.5	2608.6	2587.5
40°	2503.4	2491.4	2503.4	2500.3	2503.4	2509.4	2503.4	2497.3	2479.3	2500.3	2482.3
42.5°	2377.2	2374.2	2377.2	2380.1	2380.1	2392.2	2401.2	2389.2	2383.1	2368.1	2380.1
45°	2241.9	2235.9	2241.9	2247.9	2250.9	2256.9	2284.0	2284.0	2275.0	2250.9	2268.9
47.5°	2097.6	2082.6	2097.6	2115.7	2115.7	2124.7	2151.7	2172.8	2157.8	2127.7	2136.7
50°	1944.4	1947.4	1944.4	1956.4	1956.4	1989.5	2010.5	2031.6	2046.6	2010.5	1968.4
52.5°	1794.1	1791.1	1794.1	1803.2	1815.2	1830.2	1866.2	1887.3	1911.3	1890.3	1824.2
55°	1643.9	1649.9	1643.9	1646.9	1652.9	1661.9	1716.0	1737.0	1782.1	1755.0	1686.0
57.5°	1493.6	1484.6	1493.6	1499.7	1502.6	1511.6	1556.8	1595.8	1622.8	1625.8	1541.7
60°	1319.3	1307.3	1319.3	1346.4	1352.3	1358.4	1400.5	1436.5	1460.6	1469.6	1382.4
62.5°	1166.0	1145.0	1166.0	1184.1	1196.0	1211.1	1241.2	1295.2	1316.3	1319.3	1196.0
65°	1003.7	994.7	1003.7	1039.8	1042.8	1060.8	1093.9	1133.0	1178.0	1172.1	994.7
67.5°	856.5	856.5	856.5	880.5	898.6	907.6	949.6	967.7	1024.8	1030.8	829.5
70°	721.2	718.2	721.2	739.3	751.3	772.4	811.5	832.4	877.5	892.5	673.2
72.5°	592.0	589.0	592.0	607.0	619.1	637.1	670.2	694.2	733.3	751.3	522.9
75°	477.8	471.8	477.8	489.8	486.9	510.9	538.0	562.0	598.1	610.1	387.7
77.5°	366.7	366.7	366.7	378.6	378.6	402.7	414.7	444.8	465.8	483.9	285.5
80°	273.5	270.5	273.5	276.5	276.5	288.5	309.6	330.6	348.6	348.6	195.4
82.5°	192.3	186.3	192.3	192.3	192.3	198.4	210.4	216.4	228.4	237.5	123.3
85°	120.2	120.2	120.2	123.3	120.2	126.2	129.2	135.2	135.2	129.2	75.1
87.5°	78.1	75.1	78.1	75.1	75.1	72.1	72.1	72.1	69.1	66.2	42.1
90°	6.7	6.7	6.7	6.7	6.7	9.0	12.0	13.5	11.6	7.8	5.0
92.5°	27.1	21.7	27.1	32.5	33.8	48.0	66.7	76.1	66.9	48.3	34.4
95°	94.4	78.1	94.4	110.6	114.7	150.7	198.6	222.5	187.9	118.7	66.9
97.5°	226.1	195.1	226.1	257.2	264.9	287.6	317.9	333.0	275.3	159.9	73.4
100°	325.8	288.9	325.8	362.7	372.0	370.3	368.1	366.9	302.9	174.9	78.9
102.5°	423.8	392.2	423.8	455.5	463.4	434.4	395.9	376.6	311.7	181.9	84.4
105°	548.9	531.8	548.9	565.8	570.1	505.3	418.8	375.5	312.7	187.0	92.7
107.5°	630.7	634.8	630.7	626.7	625.6	535.1	414.4	354.1	298.7	187.9	104.8
110°	661.9	679.7	661.9	644.2	639.8	538.7	403.8	336.4	286.4	186.5	111.5





TEST NUMBER: P934176

CATALOG NUMBER: SQ4-FA-025U-125D-940-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	664.8	691.9	664.8	637.6	630.7	527.2	389.2	320.2	275.6	186.6	119.7
115°	647.2	684.8	647.2	609.4	600.0	500.3	367.3	300.8	263.3	188.3	132.0
117.5°	609.8	651.6	609.8	568.0	557.5	467.4	347.5	287.4	255.6	191.8	143.9
120°	579.6	620.3	579.6	538.9	528.8	446.6	336.9	282.1	253.0	194.6	150.9
122.5°	550.3	590.3	550.3	510.2	500.2	426.2	327.4	278.0	251.6	198.7	159.0
125°	508.5	545.4	508.5	471.5	462.3	399.4	315.5	273.6	250.5	204.2	169.5
127.5°	470.8	502.0	470.8	439.7	431.9	377.9	305.9	269.9	249.8	209.7	179.6
130°	448.6	477.4	448.6	419.8	412.7	364.6	300.5	268.4	250.2	213.7	186.4
132.5°	428.5	454.3	428.5	402.8	396.3	353.2	295.9	267.2	250.5	217.0	191.9
135°	400.9	423.1	400.9	378.7	373.2	337.2	289.1	265.1	250.2	220.6	198.4
137.5°	378.8	397.0	378.8	360.6	356.1	325.6	285.0	264.7	251.7	225.9	206.5
140°	363.6	380.7	363.6	346.7	342.4	316.1	281.1	263.5	252.0	229.2	212.1
142.5°	351.1	365.7	351.1	336.5	332.8	309.7	278.9	263.5	253.0	231.9	216.1
145°	332.3	343.3	332.3	321.2	318.4	299.5	274.3	261.7	253.0	235.5	222.4
147.5°	317.7	327.0	317.7	308.6	306.3	291.4	271.6	261.7	254.7	240.6	230.2
150°	308.7	316.1	308.7	301.2	299.3	286.8	270.0	261.7	255.6	243.4	234.3
152.5°	300.9	306.4	300.9	295.3	293.8	283.1	268.8	261.7	256.2	245.2	236.9
155°	291.9	295.6	291.9	288.2	287.3	278.7	267.4	261.7	257.5	249.1	242.8
157.5°	284.9	287.4	284.9	282.2	281.6	274.9	266.1	261.7	258.8	253.0	248.6
160°	280.6	282.1	280.6	279.1	278.7	273.1	265.5	261.7	259.4	254.8	251.3
162.5°	277.9	279.3	277.9	276.4	276.1	271.3	264.9	261.7	260.0	256.6	254.1
165°	273.9	275.4	273.9	272.3	272.0	268.5	264.0	261.7	261.0	259.5	258.3
167.5°	271.0	271.6	271.0	270.4	270.2	268.0	265.0	263.5	262.8	261.6	260.6
170°	270.2	270.2	270.2	270.2	270.2	268.0	265.0	263.5	263.5	263.4	263.3
172.5°	268.1	267.6	268.1	268.6	268.8	267.0	264.6	263.5	263.5	263.5	263.5
175°	266.8	266.8	266.8	266.8	266.8	265.7	264.2	263.5	263.8	264.5	265.1
177.5°	265.7	265.1	265.7	266.3	266.5	265.6	264.4	263.8	264.1	264.6	265.1
180°	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1



TEST NUMBER: P934176  
 CATALOG NUMBER: SQ4-FA-025U-125D-940-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6
2.5°	3221.6	3203.5	3203.5	3173.5	3161.5	3152.5	3137.5	3092.4	3080.4	3068.3	3086.4
5°	3248.7	3215.6	3191.6	3137.5	3092.4	3074.3	3017.2	2909.1	2837.0	2782.8	2752.8
7.5°	3254.7	3212.6	3167.5	3083.4	2975.2	2927.1	2752.8	2554.4	2500.3	2452.3	2422.2
10°	3248.7	3200.6	3137.5	3011.2	2755.8	2671.6	2497.3	2368.1	2335.1	2326.0	2335.1
12.5°	3227.6	3182.5	3095.4	2885.0	2527.4	2470.3	2368.1	2293.0	2287.0	2302.1	2383.1
15°	3191.6	3149.5	3047.3	2716.7	2401.2	2359.1	2287.0	2260.0	2293.0	2398.2	2641.6
17.5°	3155.5	3107.4	2981.2	2551.5	2305.0	2275.0	2223.9	2278.0	2464.3	2605.6	2686.6
20°	3107.4	3050.3	2906.1	2431.3	2235.9	2208.8	2184.8	2428.2	2569.5	2620.6	2665.7
22.5°	3050.3	2990.3	2803.9	2347.1	2163.8	2142.7	2157.8	2512.4	2569.5	2605.6	2644.6
25°	2975.2	2924.1	2683.7	2281.0	2106.7	2082.6	2139.7	2503.4	2536.4	2545.5	2623.6
27.5°	2906.1	2839.9	2557.4	2220.9	2037.5	2028.5	2154.7	2464.3	2488.4	2497.3	2581.5
30°	2821.9	2722.8	2416.2	2157.8	1965.4	1962.4	2157.8	2416.2	2410.2	2434.3	2518.4
32.5°	2734.8	2548.5	2256.9	2079.6	1896.3	1893.3	2136.7	2344.1	2338.1	2371.1	2434.3
35°	2653.6	2413.2	2040.5	1989.5	1809.1	1812.1	2085.6	2260.0	2263.0	2293.0	2332.1
37.5°	2569.5	2296.0	1803.2	1890.3	1725.0	1725.0	2016.5	2181.8	2175.8	2184.8	2238.9
40°	2470.3	2112.6	1592.8	1761.1	1646.9	1637.8	1932.4	2097.6	2076.6	2073.7	2148.8
42.5°	2365.1	1911.3	1436.5	1589.8	1556.8	1544.7	1830.2	1995.5	1956.4	1965.4	2061.6
45°	2250.9	1857.3	1316.3	1343.4	1463.5	1454.5	1719.0	1878.3	1851.2	1875.3	1974.5
47.5°	2136.7	1749.0	1277.2	1115.0	1364.4	1361.4	1595.8	1764.1	1749.0	1773.1	1878.3
50°	1980.4	1628.9	1274.2	955.7	1253.1	1265.2	1448.5	1652.9	1652.9	1673.9	1785.1
52.5°	1779.1	1481.5	1157.0	865.5	1123.9	1160.0	1319.3	1556.8	1562.7	1583.7	1682.9
55°	1595.8	1328.4	1072.9	796.4	970.7	1048.8	1193.1	1457.6	1469.6	1490.6	1580.7
57.5°	1427.5	1105.9	1054.9	715.3	829.5	904.6	1081.9	1361.4	1367.3	1385.5	1472.6
60°	1247.2	799.4	967.7	628.1	706.2	763.3	979.7	1247.2	1268.2	1280.2	1355.4
62.5°	1042.8	580.0	877.5	568.0	646.1	658.2	895.5	1138.9	1166.0	1175.1	1220.1
65°	742.3	486.9	745.3	516.9	583.0	586.0	805.4	1027.8	1051.8	1066.8	1099.9
67.5°	501.9	396.7	568.0	468.8	534.9	538.0	718.2	898.6	931.6	943.7	964.7
70°	348.6	264.4	420.7	417.7	480.9	486.9	625.1	781.4	811.5	820.4	832.4
72.5°	255.5	213.4	348.6	375.6	423.8	429.8	528.9	649.1	679.1	688.2	694.2
75°	195.4	225.4	282.5	327.6	360.6	363.6	432.7	528.9	549.9	556.0	559.0
77.5°	156.3	210.4	207.3	264.4	294.5	288.5	339.6	408.7	426.8	426.8	426.8
80°	117.2	165.3	156.3	189.3	216.4	210.4	243.4	291.5	297.5	303.5	300.5
82.5°	87.1	105.1	105.1	120.2	144.2	138.3	162.3	189.3	189.3	189.3	195.4
85°	54.1	60.1	48.0	63.1	81.2	78.1	90.1	102.2	105.1	105.1	99.2
87.5°	33.0	27.1	15.0	24.1	36.1	36.1	42.1	45.1	42.1	42.1	42.1
90°	4.6	3.2	1.8	3.2	4.6	5.0	7.8	11.6	13.5	12.0	9.0
92.5°	31.3	19.2	7.1	19.2	31.3	34.4	48.3	66.9	76.1	66.7	48.0
95°	61.4	39.2	17.0	39.2	61.4	66.9	118.7	187.9	222.5	198.6	150.7
97.5°	68.6	49.1	29.6	49.1	68.6	73.4	159.9	275.3	333.0	317.9	287.6
100°	74.5	56.8	39.2	56.8	74.5	78.9	174.9	302.9	366.9	368.1	370.3
102.5°	80.4	63.8	47.3	63.8	80.4	84.4	181.9	311.7	376.6	395.9	434.4
105°	89.2	75.2	61.2	75.2	89.2	92.7	187.0	312.7	375.5	418.8	505.3
107.5°	101.5	88.4	75.4	88.4	101.5	104.8	187.9	298.7	354.1	414.4	535.1
110°	108.6	96.8	85.1	96.8	108.6	111.5	186.5	286.4	336.4	403.8	538.7



TEST NUMBER: P934176

CATALOG NUMBER: SQ4-FA-025U-125D-940-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	116.9	105.7	94.5	105.7	116.9	119.7	186.6	275.6	320.2	389.2	527.2
115°	129.4	119.0	108.7	119.0	129.4	132.0	188.3	263.3	300.8	367.3	500.3
117.5°	141.5	132.1	122.7	132.1	141.5	143.9	191.8	255.6	287.4	347.5	467.4
120°	148.7	139.8	130.9	139.8	148.7	150.9	194.6	253.0	282.1	336.9	446.6
122.5°	156.8	147.9	138.9	147.9	156.8	159.0	198.7	251.6	278.0	327.4	426.2
125°	167.5	159.4	151.2	159.4	167.5	169.5	204.2	250.5	273.6	315.5	399.4
127.5°	177.6	169.3	161.2	169.3	177.6	179.6	209.7	249.8	269.9	305.9	377.9
130°	184.2	175.4	166.5	175.4	184.2	186.4	213.7	250.2	268.4	300.5	364.6
132.5°	189.7	180.9	172.0	180.9	189.7	191.9	217.0	250.5	267.2	295.9	353.2
135°	196.3	188.3	180.2	188.3	196.3	198.4	220.6	250.2	265.1	289.1	337.2
137.5°	204.5	196.5	188.5	196.5	204.5	206.5	225.9	251.7	264.7	285.0	325.6
140°	210.2	202.8	195.4	202.8	210.2	212.1	229.2	252.0	263.5	281.1	316.1
142.5°	214.5	207.6	200.9	207.6	214.5	216.1	231.9	253.0	263.5	278.9	309.7
145°	220.8	215.0	209.0	215.0	220.8	222.4	235.5	253.0	261.7	274.3	299.5
147.5°	228.7	223.0	217.2	223.0	228.7	230.2	240.6	254.7	261.7	271.6	291.4
150°	232.9	227.8	222.5	227.8	232.9	234.3	243.4	255.6	261.7	270.0	286.8
152.5°	235.9	231.9	228.0	231.9	235.9	236.9	245.2	256.2	261.7	268.8	283.1
155°	242.1	239.1	236.2	239.1	242.1	242.8	249.1	257.5	261.7	267.4	278.7
157.5°	247.9	245.1	242.2	245.1	247.9	248.6	253.0	258.8	261.7	266.1	274.9
160°	250.8	248.6	246.3	248.6	250.8	251.3	254.8	259.4	261.7	265.5	273.1
162.5°	253.7	252.1	250.4	252.1	253.7	254.1	256.6	260.0	261.7	264.9	271.3
165°	258.0	256.5	254.9	256.5	258.0	258.3	259.5	261.0	261.7	264.0	268.5
167.5°	260.5	259.7	259.0	259.7	260.5	260.6	261.6	262.8	263.5	265.0	268.0
170°	263.1	262.4	261.7	262.4	263.1	263.3	263.4	263.5	263.5	265.0	268.0
172.5°	263.5	263.3	263.1	263.3	263.5	263.5	263.5	263.5	263.5	264.6	267.0
175°	265.1	265.1	265.1	265.1	265.1	265.1	264.5	263.8	263.5	264.2	265.7
177.5°	265.1	265.1	265.1	265.1	265.1	265.1	264.6	264.1	263.8	264.4	265.6
180°	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1



TEST NUMBER: P934176

CATALOG NUMBER: SQ4-FA-025U-125D-940-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6
2.5°	3065.4	3056.3	3068.3	3035.3	3068.3	3056.3	3065.4	3086.4	3068.3	3080.4	3092.4
5°	2689.7	2674.7	2626.6	2587.5	2626.6	2674.7	2689.7	2752.8	2782.8	2837.0	2909.1
7.5°	2404.2	2392.2	2380.1	2356.1	2380.1	2392.2	2404.2	2422.2	2452.3	2500.3	2554.4
10°	2341.1	2344.1	2362.1	2359.1	2362.1	2344.1	2341.1	2335.1	2326.0	2335.1	2368.1
12.5°	2503.4	2530.4	2629.5	2623.6	2629.5	2530.4	2503.4	2383.1	2302.1	2287.0	2293.0
15°	2689.7	2698.7	2719.8	2722.8	2719.8	2698.7	2689.7	2641.6	2398.2	2293.0	2260.0
17.5°	2707.7	2710.7	2725.7	2725.7	2725.7	2710.7	2707.7	2686.6	2605.6	2464.3	2278.0
20°	2692.7	2698.7	2728.7	2734.8	2728.7	2698.7	2692.7	2665.7	2620.6	2569.5	2428.2
22.5°	2686.6	2698.7	2722.8	2719.8	2722.8	2698.7	2686.6	2644.6	2605.6	2569.5	2512.4
25°	2656.6	2656.6	2659.6	2662.7	2659.6	2656.6	2656.6	2623.6	2545.5	2536.4	2503.4
27.5°	2593.5	2599.5	2617.6	2614.5	2617.6	2599.5	2593.5	2581.5	2497.3	2488.4	2464.3
30°	2536.4	2530.4	2515.3	2503.4	2515.3	2530.4	2536.4	2518.4	2434.3	2410.2	2416.2
32.5°	2440.2	2425.2	2410.2	2401.2	2410.2	2425.2	2440.2	2434.3	2371.1	2338.1	2344.1
35°	2326.0	2329.0	2326.0	2317.1	2326.0	2329.0	2326.0	2332.1	2293.0	2263.0	2260.0
37.5°	2245.0	2250.9	2247.9	2235.9	2247.9	2250.9	2245.0	2238.9	2184.8	2175.8	2181.8
40°	2160.8	2163.8	2160.8	2151.7	2160.8	2163.8	2160.8	2148.8	2073.7	2076.6	2097.6
42.5°	2079.6	2076.6	2067.6	2061.6	2067.6	2076.6	2079.6	2061.6	1965.4	1956.4	1995.5
45°	1986.5	1989.5	1971.4	1962.4	1971.4	1989.5	1986.5	1974.5	1875.3	1851.2	1878.3
47.5°	1893.3	1893.3	1878.3	1869.2	1878.3	1893.3	1893.3	1878.3	1773.1	1749.0	1764.1
50°	1794.1	1791.1	1770.1	1767.1	1770.1	1791.1	1794.1	1785.1	1673.9	1652.9	1652.9
52.5°	1679.9	1679.9	1682.9	1689.0	1682.9	1679.9	1679.9	1682.9	1583.7	1562.7	1556.8
55°	1580.7	1583.7	1604.8	1610.8	1604.8	1583.7	1580.7	1580.7	1490.6	1469.6	1457.6
57.5°	1478.6	1478.6	1493.6	1493.6	1493.6	1478.6	1478.6	1472.6	1385.5	1367.3	1361.4
60°	1361.4	1367.3	1379.4	1376.4	1379.4	1367.3	1361.4	1355.4	1280.2	1268.2	1247.2
62.5°	1238.1	1244.2	1247.2	1241.2	1247.2	1244.2	1238.1	1220.1	1175.1	1166.0	1138.9
65°	1108.9	1115.0	1118.0	1112.0	1118.0	1115.0	1108.9	1099.9	1066.8	1051.8	1027.8
67.5°	976.7	973.7	970.7	982.7	970.7	973.7	976.7	964.7	943.7	931.6	898.6
70°	841.5	841.5	838.4	844.5	838.4	841.5	841.5	832.4	820.4	811.5	781.4
72.5°	697.3	694.2	706.2	697.3	706.2	694.2	697.3	694.2	688.2	679.1	649.1
75°	556.0	562.0	556.0	564.9	556.0	562.0	556.0	559.0	556.0	549.9	528.9
77.5°	423.8	429.8	423.8	423.8	423.8	429.8	423.8	426.8	426.8	426.8	408.7
80°	300.5	297.5	297.5	294.5	297.5	297.5	300.5	300.5	303.5	297.5	291.5
82.5°	192.3	189.3	189.3	195.4	189.3	189.3	192.3	195.4	189.3	189.3	189.3
85°	105.1	108.2	102.2	102.2	102.2	108.2	105.1	99.2	105.1	105.1	102.2
87.5°	39.1	36.1	36.1	36.1	36.1	36.1	39.1	42.1	42.1	42.1	45.1
90°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	9.0	12.0	13.5	11.6
92.5°	33.8	32.5	27.1	21.7	27.1	32.5	33.8	48.0	66.7	76.1	66.9
95°	114.7	110.6	94.4	78.1	94.4	110.6	114.7	150.7	198.6	222.5	187.9
97.5°	264.9	257.2	226.1	195.1	226.1	257.2	264.9	287.6	317.9	333.0	275.3
100°	372.0	362.7	325.8	288.9	325.8	362.7	372.0	370.3	368.1	366.9	302.9
102.5°	463.4	455.5	423.8	392.2	423.8	455.5	463.4	434.4	395.9	376.6	311.7
105°	570.1	565.8	548.9	531.8	548.9	565.8	570.1	505.3	418.8	375.5	312.7
107.5°	625.6	626.7	630.7	634.8	630.7	626.7	625.6	535.1	414.4	354.1	298.7
110°	639.8	644.2	661.9	679.7	661.9	644.2	639.8	538.7	403.8	336.4	286.4



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	630.7	637.6	664.8	691.9	664.8	637.6	630.7	527.2	389.2	320.2	275.6
115°	600.0	609.4	647.2	684.8	647.2	609.4	600.0	500.3	367.3	300.8	263.3
117.5°	557.5	568.0	609.8	651.6	609.8	568.0	557.5	467.4	347.5	287.4	255.6
120°	528.8	538.9	579.6	620.3	579.6	538.9	528.8	446.6	336.9	282.1	253.0
122.5°	500.2	510.2	550.3	590.3	550.3	510.2	500.2	426.2	327.4	278.0	251.6
125°	462.3	471.5	508.5	545.4	508.5	471.5	462.3	399.4	315.5	273.6	250.5
127.5°	431.9	439.7	470.8	502.0	470.8	439.7	431.9	377.9	305.9	269.9	249.8
130°	412.7	419.8	448.6	477.4	448.6	419.8	412.7	364.6	300.5	268.4	250.2
132.5°	396.3	402.8	428.5	454.3	428.5	402.8	396.3	353.2	295.9	267.2	250.5
135°	373.2	378.7	400.9	423.1	400.9	378.7	373.2	337.2	289.1	265.1	250.2
137.5°	356.1	360.6	378.8	397.0	378.8	360.6	356.1	325.6	285.0	264.7	251.7
140°	342.4	346.7	363.6	380.7	363.6	346.7	342.4	316.1	281.1	263.5	252.0
142.5°	332.8	336.5	351.1	365.7	351.1	336.5	332.8	309.7	278.9	263.5	253.0
145°	318.4	321.2	332.3	343.3	332.3	321.2	318.4	299.5	274.3	261.7	253.0
147.5°	306.3	308.6	317.7	327.0	317.7	308.6	306.3	291.4	271.6	261.7	254.7
150°	299.3	301.2	308.7	316.1	308.7	301.2	299.3	286.8	270.0	261.7	255.6
152.5°	293.8	295.3	300.9	306.4	300.9	295.3	293.8	283.1	268.8	261.7	256.2
155°	287.3	288.2	291.9	295.6	291.9	288.2	287.3	278.7	267.4	261.7	257.5
157.5°	281.6	282.2	284.9	287.4	284.9	282.2	281.6	274.9	266.1	261.7	258.8
160°	278.7	279.1	280.6	282.1	280.6	279.1	278.7	273.1	265.5	261.7	259.4
162.5°	276.1	276.4	277.9	279.3	277.9	276.4	276.1	271.3	264.9	261.7	260.0
165°	272.0	272.3	273.9	275.4	273.9	272.3	272.0	268.5	264.0	261.7	261.0
167.5°	270.2	270.4	271.0	271.6	271.0	270.4	270.2	268.0	265.0	263.5	262.8
170°	270.2	270.2	270.2	270.2	270.2	270.2	270.2	268.0	265.0	263.5	263.5
172.5°	268.8	268.6	268.1	267.6	268.1	268.6	268.8	267.0	264.6	263.5	263.5
175°	266.8	266.8	266.8	266.8	266.8	266.8	266.8	265.7	264.2	263.5	263.8
177.5°	266.5	266.3	265.7	265.1	265.7	266.3	266.5	265.6	264.4	263.8	264.1
180°	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	3176.6	3176.6	3176.6	3176.6	3176.6
2.5°	3137.5	3152.5	3161.5	3173.5	3203.5
5°	3017.2	3074.3	3092.4	3137.5	3191.6
7.5°	2752.8	2927.1	2975.2	3083.4	3167.5
10°	2497.3	2671.6	2755.8	3011.2	3137.5
12.5°	2368.1	2470.3	2527.4	2885.0	3095.4
15°	2287.0	2359.1	2401.2	2716.7	3047.3
17.5°	2223.9	2275.0	2305.0	2551.5	2981.2
20°	2184.8	2208.8	2235.9	2431.3	2906.1
22.5°	2157.8	2142.7	2163.8	2347.1	2803.9
25°	2139.7	2082.6	2106.7	2281.0	2683.7
27.5°	2154.7	2028.5	2037.5	2220.9	2557.4
30°	2157.8	1962.4	1965.4	2157.8	2416.2
32.5°	2136.7	1893.3	1896.3	2079.6	2256.9
35°	2085.6	1812.1	1809.1	1989.5	2040.5
37.5°	2016.5	1725.0	1725.0	1890.3	1803.2
40°	1932.4	1637.8	1646.9	1761.1	1592.8
42.5°	1830.2	1544.7	1556.8	1589.8	1436.5
45°	1719.0	1454.5	1463.5	1343.4	1316.3
47.5°	1595.8	1361.4	1364.4	1115.0	1277.2
50°	1448.5	1265.2	1253.1	955.7	1274.2
52.5°	1319.3	1160.0	1123.9	865.5	1157.0
55°	1193.1	1048.8	970.7	796.4	1072.9
57.5°	1081.9	904.6	829.5	715.3	1054.9
60°	979.7	763.3	706.2	628.1	967.7
62.5°	895.5	658.2	646.1	568.0	877.5
65°	805.4	586.0	583.0	516.9	745.3
67.5°	718.2	538.0	534.9	468.8	568.0
70°	625.1	486.9	480.9	417.7	420.7
72.5°	528.9	429.8	423.8	375.6	348.6
75°	432.7	363.6	360.6	327.6	282.5
77.5°	339.6	288.5	294.5	264.4	207.3
80°	243.4	210.4	216.4	189.3	156.3
82.5°	162.3	138.3	144.2	120.2	105.1
85°	90.1	78.1	81.2	63.1	48.0
87.5°	42.1	36.1	36.1	24.1	15.0
90°	7.8	5.0	4.6	3.2	1.8
92.5°	48.3	34.4	31.3	19.2	7.1
95°	118.7	66.9	61.4	39.2	17.0
97.5°	159.9	73.4	68.6	49.1	29.6
100°	174.9	78.9	74.5	56.8	39.2
102.5°	181.9	84.4	80.4	63.8	47.3
105°	187.0	92.7	89.2	75.2	61.2
107.5°	187.9	104.8	101.5	88.4	75.4
110°	186.5	111.5	108.6	96.8	85.1



TEST NUMBER: P934176

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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	186.6	119.7	116.9	105.7	94.5
115°	188.3	132.0	129.4	119.0	108.7
117.5°	191.8	143.9	141.5	132.1	122.7
120°	194.6	150.9	148.7	139.8	130.9
122.5°	198.7	159.0	156.8	147.9	138.9
125°	204.2	169.5	167.5	159.4	151.2
127.5°	209.7	179.6	177.6	169.3	161.2
130°	213.7	186.4	184.2	175.4	166.5
132.5°	217.0	191.9	189.7	180.9	172.0
135°	220.6	198.4	196.3	188.3	180.2
137.5°	225.9	206.5	204.5	196.5	188.5
140°	229.2	212.1	210.2	202.8	195.4
142.5°	231.9	216.1	214.5	207.6	200.9
145°	235.5	222.4	220.8	215.0	209.0
147.5°	240.6	230.2	228.7	223.0	217.2
150°	243.4	234.3	232.9	227.8	222.5
152.5°	245.2	236.9	235.9	231.9	228.0
155°	249.1	242.8	242.1	239.1	236.2
157.5°	253.0	248.6	247.9	245.1	242.2
160°	254.8	251.3	250.8	248.6	246.3
162.5°	256.6	254.1	253.7	252.1	250.4
165°	259.5	258.3	258.0	256.5	254.9
167.5°	261.6	260.6	260.5	259.7	259.0
170°	263.4	263.3	263.1	262.4	261.7
172.5°	263.5	263.5	263.5	263.3	263.1
175°	264.5	265.1	265.1	265.1	265.1
177.5°	264.6	265.1	265.1	265.1	265.1
180°	265.1	265.1	265.1	265.1	265.1



TEST NUMBER: P934176  
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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	16.77	18.03	17.38	18.65	19.36	19.60	20.86	20.22	21.49	22.20
	3H	17.27	18.40	17.90	19.04	19.79	20.98	22.11	21.61	22.75	23.50
	4H	17.48	18.55	18.13	19.20	19.96	21.44	22.51	22.09	23.16	23.92
	6H	17.62	18.61	18.28	19.26	20.04	21.75	22.74	22.41	23.40	24.17
	8H	17.63	18.57	18.30	19.25	20.03	21.84	22.78	22.51	23.46	24.24
	12H	17.62	18.51	18.30	19.19	19.99	21.89	22.79	22.57	23.46	24.27
4H	2H	17.85	18.91	18.50	19.56	20.32	20.06	21.13	20.71	21.77	22.54
	3H	18.91	19.80	19.57	20.49	21.27	21.60	22.49	22.27	23.18	23.96
	4H	19.20	20.01	19.88	20.70	21.51	22.15	22.96	22.83	23.65	24.46
	6H	19.35	20.05	20.05	20.77	21.59	22.54	23.24	23.24	23.96	24.78
	8H	19.36	20.02	20.07	20.73	21.57	22.66	23.31	23.36	24.02	24.86
	12H	19.35	19.94	20.08	20.68	21.52	22.73	23.32	23.46	24.06	24.90
8H	4H	19.69	20.34	20.39	21.06	21.89	22.31	22.96	23.01	23.67	24.51
	6H	19.97	20.51	20.70	21.27	22.10	22.76	23.30	23.50	24.06	24.89
	8H	20.01	20.50	20.76	21.26	22.11	22.92	23.40	23.67	24.16	25.01
	12H	20.02	20.44	20.77	21.19	22.10	23.03	23.46	23.79	24.21	25.12
12H	4H	19.71	20.30	20.44	21.04	21.88	22.29	22.88	23.01	23.62	24.45
	6H	20.03	20.52	20.78	21.27	22.13	22.76	23.24	23.51	24.00	24.85
	8H	20.12	20.54	20.87	21.29	22.20	22.94	23.37	23.69	24.12	25.03