

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: P934576

Luminaire Tested: SQ4-FA-050U-125D-940-1D-UNV-STD-W-8

Issue Date: 12/17/2024

**Test Information**

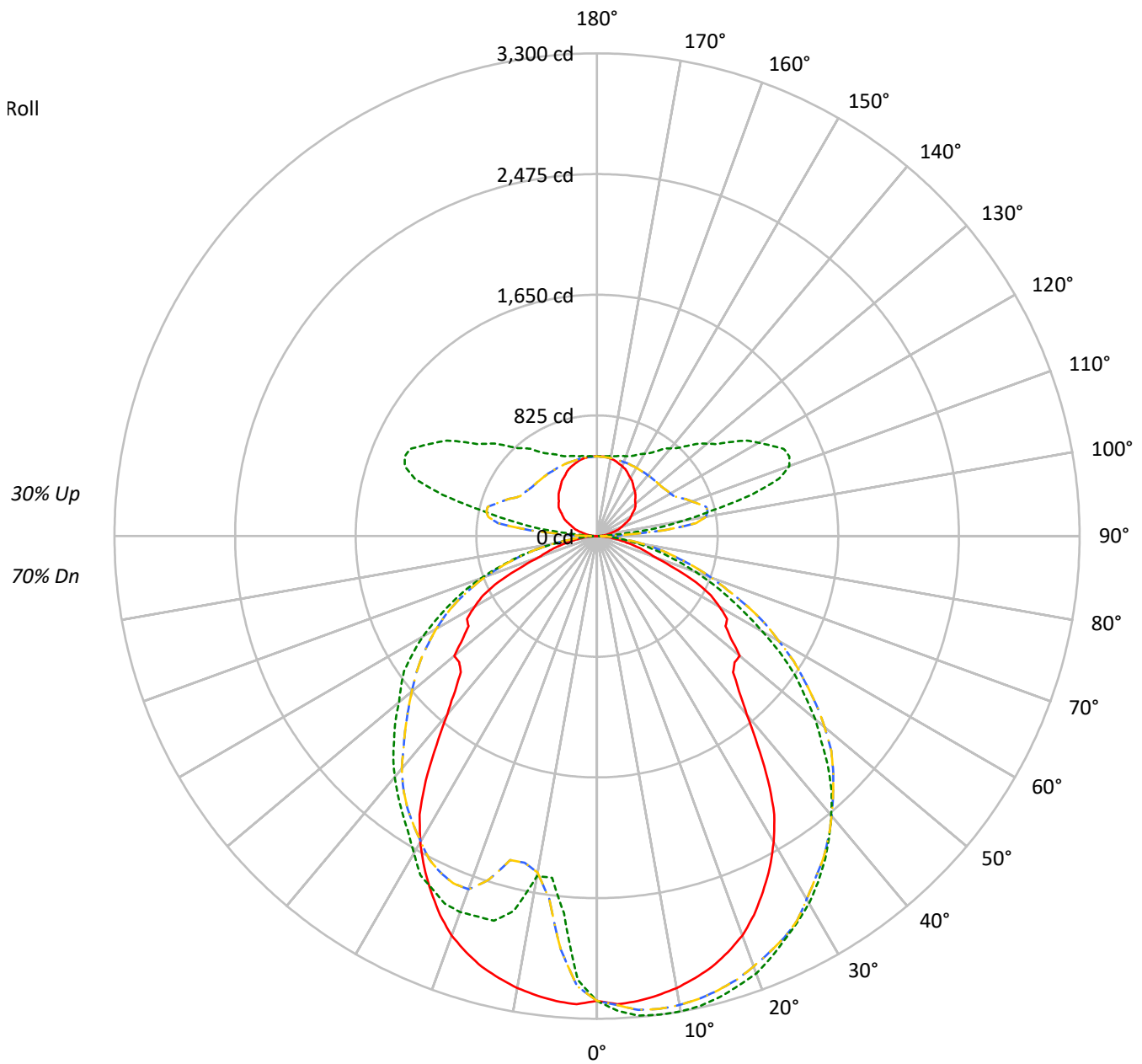
Test Method: LM-79-2019  
Report Number: P934576  
REPORT IS A COMBINATION OF REPORTS P933704 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-050U-125D-940-1D-UNV-STD-W-8  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11774.0 lumens  
Efficiency: N/A  
Efficacy: 105.1 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): 112  
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	50	30	10	0		
RCR																										
0	112	112	112	112	106	106	106	106	94	94	94	84	84	84	74	74	74	74	74	74	74	74	74	70		
1	102	98	94	90	97	93	89	86	83	80	78	74	72	70	66	65	63	63	63	63	63	63	63	59		
2	93	86	79	74	88	81	76	71	73	68	65	65	62	59	58	56	53	53	53	53	53	53	53	50		
3	85	75	68	62	80	71	65	59	64	59	54	58	53	50	52	48	45	45	45	45	45	45	45	42		
4	78	67	58	52	73	63	56	50	57	51	46	51	47	43	46	42	39	39	39	39	39	39	39	36		
5	72	60	51	45	67	57	49	43	51	45	40	46	41	37	41	37	34	34	34	34	34	34	34	31		
6	66	53	45	39	62	51	43	38	46	40	35	42	36	32	38	33	30	30	30	30	30	30	30	27		
7	61	48	40	34	58	46	39	33	42	36	31	38	33	29	34	30	27	27	27	27	27	27	27	24		
8	57	44	36	30	54	42	35	29	38	32	28	35	29	26	31	27	24	24	24	24	24	24	24	22		
9	53	40	32	27	50	38	31	26	35	29	25	32	27	23	29	25	21	21	21	21	21	21	21	19		
10	49	37	30	25	47	35	28	24	32	26	22	30	25	21	27	23	19	19	19	19	19	19	19	18		

**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	2.4
10°-20°	814.1	6.9
20°-30°	1258.5	10.7
30°-40°	1502.4	12.8
40°-50°	1511.2	12.8
50°-60°	1314.9	11.2
60°-70°	932.3	7.9
70°-80°	493.2	4.2
80°-90°	124.9	1.1
90°-100°	265.9	2.3
100°-110°	699.0	5.9
110°-120°	724.8	6.2
120°-130°	581.3	4.9
130°-140°	456.2	3.9
140°-150°	350.1	3.0
150°-160°	252.1	2.1
160°-170°	154.3	1.3
170°-180°	52.1	0.4
0°-30°	2359.4	20.0
0°-40°	3861.7	32.8
0°-60°	6687.8	56.8
0°-90°	8238.3	70.0
90°-120°	1689.6	14.4
90°-150°	3077.2	26.1
90°-180°	3536.0	30.0
0°-180°	11774.0	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°	4	14	4	14	4	5
95°	35	161	35	161	35	39
105°	126	1094	126	1094	126	133
115°	224	1409	224	1409	224	221
125°	311	1122	311	1122	311	276
135°	371	871	371	871	371	287
145°	430	706	430	706	430	269
155°	486	608	486	608	486	223
165°	524	567	524	567	524	148
175°	545	549	545	549	545	52
180°	545	545	545	545	545	



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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°	3.6	6.6	9.5	10.2	16.1	23.9	27.8	24.7	18.6	13.9	13.9
92.5°	14.7	39.5	64.5	70.7	99.4	137.6	156.6	137.3	98.6	69.5	66.8
95°	35.2	80.7	126.3	137.6	244.4	386.7	457.9	408.7	310.1	236.1	227.8
97.5°	60.7	100.9	141.1	151.1	329.2	566.5	685.3	654.1	591.8	545.1	529.1
100°	80.5	116.9	153.4	162.5	360.1	623.5	755.2	757.5	762.0	765.4	746.4
102.5°	97.4	131.4	165.3	173.9	374.2	641.4	775.0	814.7	894.0	953.5	937.3
105°	125.9	154.7	183.5	190.7	384.8	643.4	772.7	861.7	1039.8	1173.2	1164.4
107.5°	155.2	182.0	208.9	215.6	386.6	614.8	728.8	852.9	1101.2	1287.4	1289.6
110°	174.9	199.2	223.5	229.5	383.8	589.4	692.2	831.0	1108.5	1316.6	1325.8



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	194.4	217.5	240.6	246.3	383.9	567.3	658.9	800.9	1085.0	1298.0	1312.0
115°	223.7	245.0	266.3	271.6	387.4	541.9	619.0	755.9	1029.5	1234.7	1254.0
117.5°	252.5	271.9	291.3	296.1	394.6	525.9	591.5	715.0	962.0	1147.2	1168.7
120°	269.4	287.6	305.9	310.4	400.5	520.5	580.6	693.4	919.0	1088.2	1109.1
122.5°	285.8	304.2	322.6	327.2	408.8	517.7	572.1	673.7	877.0	1029.4	1050.0
125°	311.2	327.8	344.6	348.8	420.2	515.4	563.0	649.3	821.9	951.4	970.4
127.5°	331.7	348.5	365.4	369.7	431.6	514.1	555.3	629.4	777.6	888.8	904.8
130°	342.6	360.8	379.1	383.6	439.8	514.9	552.3	618.3	750.3	849.2	864.0
132.5°	354.0	372.2	390.5	395.0	446.6	515.4	549.8	608.9	727.0	815.5	828.8
135°	370.8	387.4	404.0	408.1	453.9	514.9	545.4	594.9	693.8	767.9	779.4
137.5°	388.1	404.5	420.9	425.0	464.9	518.1	544.7	586.5	670.2	732.9	742.2
140°	402.3	417.4	432.5	436.4	471.6	518.6	542.1	578.3	650.5	704.6	713.3
142.5°	413.3	427.2	441.2	444.7	477.2	520.5	542.1	573.8	637.3	684.9	692.5
145°	430.1	442.3	454.6	457.6	484.6	520.5	538.5	564.4	616.4	655.3	660.9
147.5°	446.9	458.8	470.7	473.7	495.2	524.1	538.5	558.9	599.7	630.3	635.0
150°	457.9	468.7	479.4	482.1	500.9	526.0	538.5	555.7	590.3	616.1	619.9
152.5°	469.3	477.5	485.6	487.6	504.6	527.2	538.5	553.2	582.6	604.7	607.7
155°	486.1	492.1	498.2	499.7	512.6	529.9	538.5	550.2	573.6	591.1	593.1
157.5°	498.5	504.4	510.2	511.8	520.6	532.5	538.5	547.5	565.7	579.4	580.8
160°	507.0	511.6	516.1	517.3	524.4	533.8	538.5	546.3	561.8	573.6	574.4
162.5°	515.4	518.9	522.2	523.1	528.3	535.1	538.5	545.1	558.3	568.1	568.9
165°	524.5	527.6	530.7	531.5	533.8	536.9	538.5	543.2	552.6	559.7	560.5
167.5°	533.0	534.4	535.9	536.3	538.2	540.8	542.1	545.2	551.4	556.1	556.4
170°	538.5	539.9	541.4	541.8	541.9	542.0	542.1	545.2	551.4	556.1	556.1
172.5°	541.4	541.8	542.0	542.1	542.1	542.1	542.1	544.6	549.5	553.1	552.9
175°	545.4	545.4	545.4	545.4	544.3	542.8	542.1	543.6	546.7	549.1	549.1
177.5°	545.4	545.4	545.4	545.4	544.5	543.4	542.8	544.1	546.5	548.3	548.0
180°	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4



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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°	13.9	13.9	13.9	13.9	13.9	18.6	24.7	27.8	23.9	16.1	10.2
92.5°	55.7	44.7	55.7	66.8	69.5	98.6	137.3	156.6	137.6	99.4	70.7
95°	194.2	160.7	194.2	227.8	236.1	310.1	408.7	457.9	386.7	244.4	137.6
97.5°	465.3	401.6	465.3	529.1	545.1	591.8	654.1	685.3	566.5	329.2	151.1
100°	670.4	594.4	670.4	746.4	765.4	762.0	757.5	755.2	623.5	360.1	162.5
102.5°	872.2	807.1	872.2	937.3	953.5	894.0	814.7	775.0	641.4	374.2	173.9
105°	1129.4	1094.5	1129.4	1164.4	1173.2	1039.8	861.7	772.7	643.4	384.8	190.7
107.5°	1298.0	1306.4	1298.0	1289.6	1287.4	1101.2	852.9	728.8	614.8	386.6	215.6
110°	1362.2	1398.7	1362.2	1325.8	1316.6	1108.5	831.0	692.2	589.4	383.8	229.5





TEST NUMBER: P934576

CATALOG NUMBER: SQ4-FA-050U-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°	1368.0	1423.9	1368.0	1312.0	1298.0	1085.0	800.9	658.9	567.3	383.9	246.3
115°	1331.6	1409.3	1331.6	1254.0	1234.7	1029.5	755.9	619.0	541.9	387.4	271.6
117.5°	1254.8	1340.9	1254.8	1168.7	1147.2	962.0	715.0	591.5	525.9	394.6	296.1
120°	1192.8	1276.4	1192.8	1109.1	1088.2	919.0	693.4	580.6	520.5	400.5	310.4
122.5°	1132.5	1215.0	1132.5	1050.0	1029.4	877.0	673.7	572.1	517.7	408.8	327.2
125°	1046.3	1122.3	1046.3	970.4	951.4	821.9	649.3	563.0	515.4	420.2	348.8
127.5°	968.9	1033.0	968.9	904.8	888.8	777.6	629.4	555.3	514.1	431.6	369.7
130°	923.3	982.5	923.3	864.0	849.2	750.3	618.3	552.3	514.9	439.8	383.6
132.5°	881.9	934.9	881.9	828.8	815.5	727.0	608.9	549.8	515.4	446.6	395.0
135°	825.1	870.9	825.1	779.4	767.9	693.8	594.9	545.4	514.9	453.9	408.1
137.5°	779.7	817.0	779.7	742.2	732.9	670.2	586.5	544.7	518.1	464.9	425.0
140°	748.3	783.3	748.3	713.3	704.6	650.5	578.3	542.1	518.6	471.6	436.4
142.5°	722.5	752.6	722.5	692.5	684.9	637.3	573.8	542.1	520.5	477.2	444.7
145°	683.8	706.5	683.8	660.9	655.3	616.4	564.4	538.5	520.5	484.6	457.6
147.5°	653.9	672.8	653.9	635.0	630.3	599.7	558.9	538.5	524.1	495.2	473.7
150°	635.2	650.5	635.2	619.9	616.1	590.3	555.7	538.5	526.0	500.9	482.1
152.5°	619.2	630.7	619.2	607.7	604.7	582.6	553.2	538.5	527.2	504.6	487.6
155°	600.7	608.4	600.7	593.1	591.1	573.6	550.2	538.5	529.9	512.6	499.7
157.5°	586.2	591.5	586.2	580.8	579.4	565.7	547.5	538.5	532.5	520.6	511.8
160°	577.5	580.6	577.5	574.4	573.6	561.8	546.3	538.5	533.8	524.4	517.3
162.5°	571.8	574.7	571.8	568.9	568.1	558.3	545.1	538.5	535.1	528.3	523.1
165°	563.5	566.6	563.5	560.5	559.7	552.6	543.2	538.5	536.9	533.8	531.5
167.5°	557.7	559.0	557.7	556.4	556.1	551.4	545.2	542.1	540.8	538.2	536.3
170°	556.1	556.1	556.1	556.1	556.1	551.4	545.2	542.1	542.0	541.9	541.8
172.5°	551.7	550.6	551.7	552.9	553.1	549.5	544.6	542.1	542.1	542.1	542.1
175°	549.1	549.1	549.1	549.1	549.1	546.7	543.6	542.1	542.8	544.3	545.4
177.5°	546.7	545.4	546.7	548.0	548.3	546.5	544.1	542.8	543.4	544.5	545.4
180°	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4



TEST NUMBER: P934576

CATALOG NUMBER: SQ4-FA-050U-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°	9.5	6.6	3.6	6.6	9.5	10.2	16.1	23.9	27.8	24.7	18.6
92.5°	64.5	39.5	14.7	39.5	64.5	70.7	99.4	137.6	156.6	137.3	98.6
95°	126.3	80.7	35.2	80.7	126.3	137.6	244.4	386.7	457.9	408.7	310.1
97.5°	141.1	100.9	60.7	100.9	141.1	151.1	329.2	566.5	685.3	654.1	591.8
100°	153.4	116.9	80.5	116.9	153.4	162.5	360.1	623.5	755.2	757.5	762.0
102.5°	165.3	131.4	97.4	131.4	165.3	173.9	374.2	641.4	775.0	814.7	894.0
105°	183.5	154.7	125.9	154.7	183.5	190.7	384.8	643.4	772.7	861.7	1039.8
107.5°	208.9	182.0	155.2	182.0	208.9	215.6	386.6	614.8	728.8	852.9	1101.2
110°	223.5	199.2	174.9	199.2	223.5	229.5	383.8	589.4	692.2	831.0	1108.5



TEST NUMBER: P934576

CATALOG NUMBER: SQ4-FA-050U-125D-940-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	240.6	217.5	194.4	217.5	240.6	246.3	383.9	567.3	658.9	800.9	1085.0
115°	266.3	245.0	223.7	245.0	266.3	271.6	387.4	541.9	619.0	755.9	1029.5
117.5°	291.3	271.9	252.5	271.9	291.3	296.1	394.6	525.9	591.5	715.0	962.0
120°	305.9	287.6	269.4	287.6	305.9	310.4	400.5	520.5	580.6	693.4	919.0
122.5°	322.6	304.2	285.8	304.2	322.6	327.2	408.8	517.7	572.1	673.7	877.0
125°	344.6	327.8	311.2	327.8	344.6	348.8	420.2	515.4	563.0	649.3	821.9
127.5°	365.4	348.5	331.7	348.5	365.4	369.7	431.6	514.1	555.3	629.4	777.6
130°	379.1	360.8	342.6	360.8	379.1	383.6	439.8	514.9	552.3	618.3	750.3
132.5°	390.5	372.2	354.0	372.2	390.5	395.0	446.6	515.4	549.8	608.9	727.0
135°	404.0	387.4	370.8	387.4	404.0	408.1	453.9	514.9	545.4	594.9	693.8
137.5°	420.9	404.5	388.1	404.5	420.9	425.0	464.9	518.1	544.7	586.5	670.2
140°	432.5	417.4	402.3	417.4	432.5	436.4	471.6	518.6	542.1	578.3	650.5
142.5°	441.2	427.2	413.3	427.2	441.2	444.7	477.2	520.5	542.1	573.8	637.3
145°	454.6	442.3	430.1	442.3	454.6	457.6	484.6	520.5	538.5	564.4	616.4
147.5°	470.7	458.8	446.9	458.8	470.7	473.7	495.2	524.1	538.5	558.9	599.7
150°	479.4	468.7	457.9	468.7	479.4	482.1	500.9	526.0	538.5	555.7	590.3
152.5°	485.6	477.5	469.3	477.5	485.6	487.6	504.6	527.2	538.5	553.2	582.6
155°	498.2	492.1	486.1	492.1	498.2	499.7	512.6	529.9	538.5	550.2	573.6
157.5°	510.2	504.4	498.5	504.4	510.2	511.8	520.6	532.5	538.5	547.5	565.7
160°	516.1	511.6	507.0	511.6	516.1	517.3	524.4	533.8	538.5	546.3	561.8
162.5°	522.2	518.9	515.4	518.9	522.2	523.1	528.3	535.1	538.5	545.1	558.3
165°	530.7	527.6	524.5	527.6	530.7	531.5	533.8	536.9	538.5	543.2	552.6
167.5°	535.9	534.4	533.0	534.4	535.9	536.3	538.2	540.8	542.1	545.2	551.4
170°	541.4	539.9	538.5	539.9	541.4	541.8	541.9	542.0	542.1	545.2	551.4
172.5°	542.0	541.8	541.4	541.8	542.0	542.1	542.1	542.1	542.1	544.6	549.5
175°	545.4	545.4	545.4	545.4	545.4	545.4	544.3	542.8	542.1	543.6	546.7
177.5°	545.4	545.4	545.4	545.4	545.4	545.4	544.5	543.4	542.8	544.1	546.5
180°	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4



TEST NUMBER: P934576  
 CATALOG NUMBER: SQ4-FA-050U-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°	13.9	13.9	13.9	13.9	13.9	13.9	13.9	18.6	24.7	27.8	23.9
92.5°	69.5	66.8	55.7	44.7	55.7	66.8	69.5	98.6	137.3	156.6	137.6
95°	236.1	227.8	194.2	160.7	194.2	227.8	236.1	310.1	408.7	457.9	386.7
97.5°	545.1	529.1	465.3	401.6	465.3	529.1	545.1	591.8	654.1	685.3	566.5
100°	765.4	746.4	670.4	594.4	670.4	746.4	765.4	762.0	757.5	755.2	623.5
102.5°	953.5	937.3	872.2	807.1	872.2	937.3	953.5	894.0	814.7	775.0	641.4
105°	1173.2	1164.4	1129.4	1094.5	1129.4	1164.4	1173.2	1039.8	861.7	772.7	643.4
107.5°	1287.4	1289.6	1298.0	1306.4	1298.0	1289.6	1287.4	1101.2	852.9	728.8	614.8
110°	1316.6	1325.8	1362.2	1398.7	1362.2	1325.8	1316.6	1108.5	831.0	692.2	589.4



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1298.0	1312.0	1368.0	1423.9	1368.0	1312.0	1298.0	1085.0	800.9	658.9	567.3
115°	1234.7	1254.0	1331.6	1409.3	1331.6	1254.0	1234.7	1029.5	755.9	619.0	541.9
117.5°	1147.2	1168.7	1254.8	1340.9	1254.8	1168.7	1147.2	962.0	715.0	591.5	525.9
120°	1088.2	1109.1	1192.8	1276.4	1192.8	1109.1	1088.2	919.0	693.4	580.6	520.5
122.5°	1029.4	1050.0	1132.5	1215.0	1132.5	1050.0	1029.4	877.0	673.7	572.1	517.7
125°	951.4	970.4	1046.3	1122.3	1046.3	970.4	951.4	821.9	649.3	563.0	515.4
127.5°	888.8	904.8	968.9	1033.0	968.9	904.8	888.8	777.6	629.4	555.3	514.1
130°	849.2	864.0	923.3	982.5	923.3	864.0	849.2	750.3	618.3	552.3	514.9
132.5°	815.5	828.8	881.9	934.9	881.9	828.8	815.5	727.0	608.9	549.8	515.4
135°	767.9	779.4	825.1	870.9	825.1	779.4	767.9	693.8	594.9	545.4	514.9
137.5°	732.9	742.2	779.7	817.0	779.7	742.2	732.9	670.2	586.5	544.7	518.1
140°	704.6	713.3	748.3	783.3	748.3	713.3	704.6	650.5	578.3	542.1	518.6
142.5°	684.9	692.5	722.5	752.6	722.5	692.5	684.9	637.3	573.8	542.1	520.5
145°	655.3	660.9	683.8	706.5	683.8	660.9	655.3	616.4	564.4	538.5	520.5
147.5°	630.3	635.0	653.9	672.8	653.9	635.0	630.3	599.7	558.9	538.5	524.1
150°	616.1	619.9	635.2	650.5	635.2	619.9	616.1	590.3	555.7	538.5	526.0
152.5°	604.7	607.7	619.2	630.7	619.2	607.7	604.7	582.6	553.2	538.5	527.2
155°	591.1	593.1	600.7	608.4	600.7	593.1	591.1	573.6	550.2	538.5	529.9
157.5°	579.4	580.8	586.2	591.5	586.2	580.8	579.4	565.7	547.5	538.5	532.5
160°	573.6	574.4	577.5	580.6	577.5	574.4	573.6	561.8	546.3	538.5	533.8
162.5°	568.1	568.9	571.8	574.7	571.8	568.9	568.1	558.3	545.1	538.5	535.1
165°	559.7	560.5	563.5	566.6	563.5	560.5	559.7	552.6	543.2	538.5	536.9
167.5°	556.1	556.4	557.7	559.0	557.7	556.4	556.1	551.4	545.2	542.1	540.8
170°	556.1	556.1	556.1	556.1	556.1	556.1	556.1	551.4	545.2	542.1	542.0
172.5°	553.1	552.9	551.7	550.6	551.7	552.9	553.1	549.5	544.6	542.1	542.1
175°	549.1	549.1	549.1	549.1	549.1	549.1	549.1	546.7	543.6	542.1	542.8
177.5°	548.3	548.0	546.7	545.4	546.7	548.0	548.3	546.5	544.1	542.8	543.4
180°	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4



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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°	16.1	10.2	9.5	6.6	3.6
92.5°	99.4	70.7	64.5	39.5	14.7
95°	244.4	137.6	126.3	80.7	35.2
97.5°	329.2	151.1	141.1	100.9	60.7
100°	360.1	162.5	153.4	116.9	80.5
102.5°	374.2	173.9	165.3	131.4	97.4
105°	384.8	190.7	183.5	154.7	125.9
107.5°	386.6	215.6	208.9	182.0	155.2
110°	383.8	229.5	223.5	199.2	174.9



TEST NUMBER: P934576

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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	383.9	246.3	240.6	217.5	194.4
115°	387.4	271.6	266.3	245.0	223.7
117.5°	394.6	296.1	291.3	271.9	252.5
120°	400.5	310.4	305.9	287.6	269.4
122.5°	408.8	327.2	322.6	304.2	285.8
125°	420.2	348.8	344.6	327.8	311.2
127.5°	431.6	369.7	365.4	348.5	331.7
130°	439.8	383.6	379.1	360.8	342.6
132.5°	446.6	395.0	390.5	372.2	354.0
135°	453.9	408.1	404.0	387.4	370.8
137.5°	464.9	425.0	420.9	404.5	388.1
140°	471.6	436.4	432.5	417.4	402.3
142.5°	477.2	444.7	441.2	427.2	413.3
145°	484.6	457.6	454.6	442.3	430.1
147.5°	495.2	473.7	470.7	458.8	446.9
150°	500.9	482.1	479.4	468.7	457.9
152.5°	504.6	487.6	485.6	477.5	469.3
155°	512.6	499.7	498.2	492.1	486.1
157.5°	520.6	511.8	510.2	504.4	498.5
160°	524.4	517.3	516.1	511.6	507.0
162.5°	528.3	523.1	522.2	518.9	515.4
165°	533.8	531.5	530.7	527.6	524.5
167.5°	538.2	536.3	535.9	534.4	533.0
170°	541.9	541.8	541.4	539.9	538.5
172.5°	542.1	542.1	542.0	541.8	541.4
175°	544.3	545.4	545.4	545.4	545.4
177.5°	544.5	545.4	545.4	545.4	545.4
180°	545.4	545.4	545.4	545.4	545.4



TEST NUMBER: P934576  
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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	15.82	16.90	16.59	17.68	18.64	18.66	19.73	19.42	20.52	21.48
	3H	16.31	17.28	17.09	18.08	19.06	20.02	20.99	20.80	21.78	22.77
	4H	16.52	17.43	17.31	18.23	19.23	20.48	21.39	21.27	22.19	23.19
	6H	16.65	17.49	17.45	18.30	19.31	20.78	21.62	21.59	22.43	23.44
	8H	16.65	17.45	17.47	18.29	19.30	20.86	21.66	21.68	22.49	23.50
	12H	16.63	17.39	17.45	18.22	19.26	20.91	21.67	21.73	22.49	23.53
4H	2H	16.88	17.79	17.68	18.60	19.59	19.09	20.00	19.89	20.81	21.81
	3H	17.93	18.69	18.74	19.53	20.54	20.62	21.38	21.43	22.22	23.23
	4H	18.21	18.90	19.04	19.74	20.78	21.16	21.85	21.99	22.69	23.73
	6H	18.35	18.95	19.19	19.81	20.85	21.54	22.14	22.38	23.00	24.04
	8H	18.36	18.92	19.21	19.78	20.83	21.65	22.21	22.50	23.07	24.13
	12H	18.34	18.84	19.20	19.72	20.78	21.72	22.22	22.59	23.10	24.16
8H	4H	18.69	19.24	19.53	20.10	21.16	21.30	21.86	22.15	22.72	23.77
	6H	18.96	19.42	19.83	20.32	21.38	21.75	22.21	22.62	23.11	24.17
	8H	19.00	19.41	19.89	20.30	21.38	21.90	22.31	22.79	23.21	24.28
	12H	18.99	19.36	19.88	20.24	21.37	22.01	22.38	22.90	23.26	24.39
12H	4H	18.70	19.20	19.57	20.08	21.15	21.28	21.78	22.14	22.66	23.72
	6H	19.02	19.43	19.90	20.32	21.40	21.75	22.16	22.63	23.05	24.13
	8H	19.10	19.46	19.98	20.34	21.47	21.92	22.28	22.81	23.17	24.30