

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: P934073

Luminaire Tested: SQ4-FA-025U-100D-940-1D-UNV-STD-W-12

Issue Date: 12/17/2024

**Test Information**

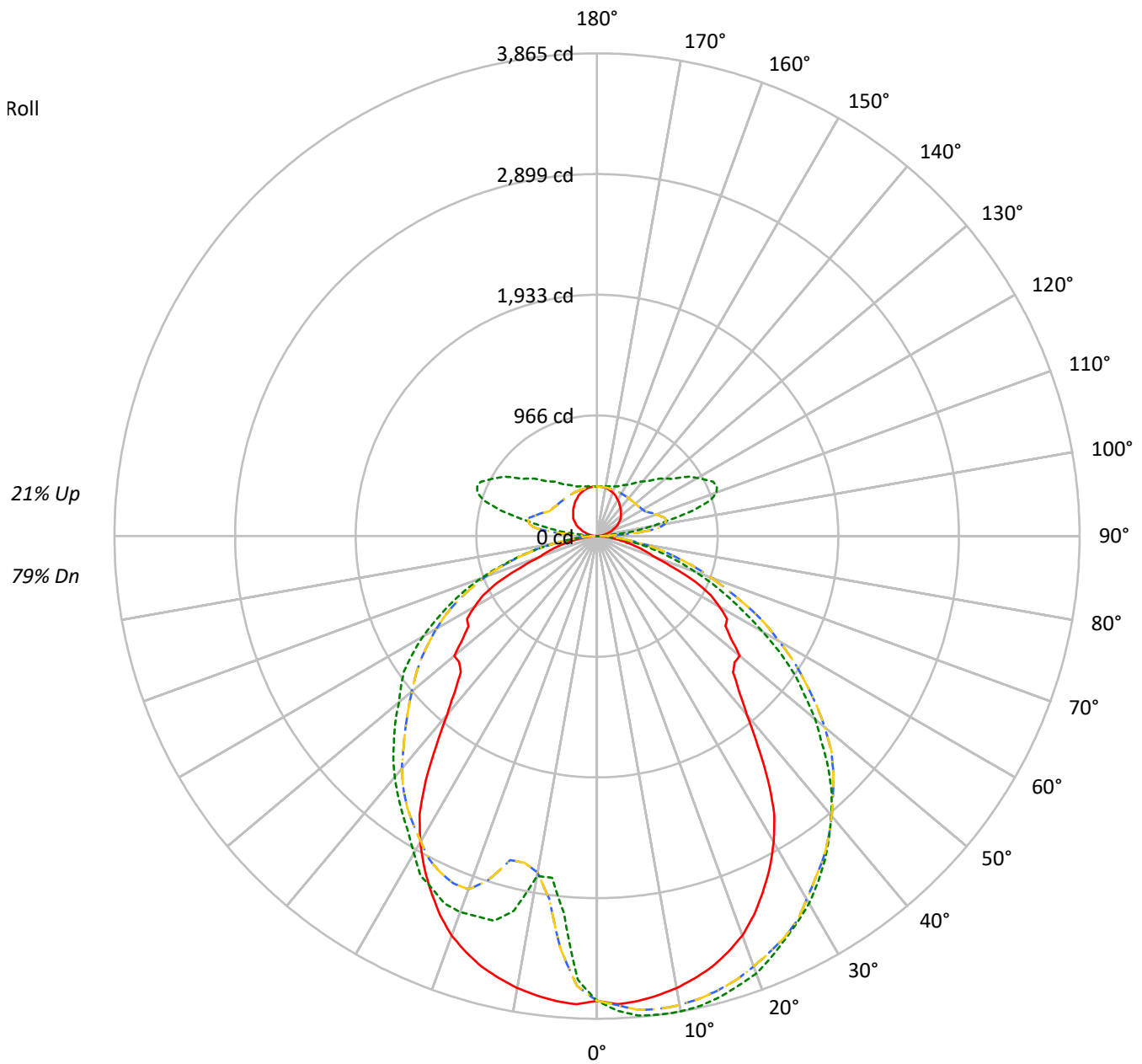
Test Method: LM-79-2019  
Report Number: P934073  
REPORT IS A COMBINATION OF REPORTS P933681 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-025U-100D-940-1D-UNV-STD-W-12  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12225.1 lumens  
Efficiency: N/A  
Efficacy: 105.0 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')  
CIE Type: Semi-Direct  
  
Input Watts (W): 116.4  
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				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	114	114	114	114	109	109	109	109	99	99	99	91	91	91	83	83	83	79				79
1	104	100	96	92	100	96	92	89	88	85	82	80	78	76	73	72	70	67				67
2	95	87	81	76	91	84	78	73	77	72	68	70	67	64	65	62	59	56				56
3	87	77	69	63	83	74	67	61	68	62	57	62	58	54	57	54	50	47				47
4	79	68	60	53	76	65	58	52	60	54	49	56	50	46	51	47	43	41				41
5	73	61	52	46	70	58	51	45	54	47	42	50	44	40	46	41	38	35				35
6	67	55	46	40	64	53	45	39	49	42	37	45	39	35	42	37	33	31				31
7	62	50	41	35	59	48	40	34	44	38	33	41	35	31	38	33	30	27				27
8	58	45	37	31	55	44	36	31	40	34	29	38	32	28	35	30	26	24				24
9	54	41	33	28	52	40	33	27	37	31	26	35	29	25	32	27	24	22				22
10	51	38	30	25	48	37	30	25	34	28	24	32	27	23	30	25	22	20				20

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

	0°	90°	180°	270°
0°	11507	11507	11507	11507
5°	11598	11616	11598	9134
10°	11524	11443	11524	8181
15°	11403	11195	11403	9348
20°	11169	10901	11169	9367
25°	10686	10473	10686	9169
30°	10059	10117	10059	8733
35°	8972	9667	8972	8254
40°	7480	9138	7480	7892
45°	6688	8518	6688	7476
50°	7111	7779	7111	7059
55°	6696	6982	6696	6817
60°	6912	5930	6912	6244
65°	6276	4902	6276	5479
70°	4357	3906	4357	4593
75°	3835	2888	3835	3458
80°	3113	1909	3113	2079
85°	1824	1011	1824	860

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 10244 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	335.8	2.7
10°-20°	953.5	7.8
20°-30°	1474.0	12.1
30°-40°	1759.6	14.4
40°-50°	1769.9	14.5
50°-60°	1540.0	12.6
60°-70°	1091.9	8.9
70°-80°	577.7	4.7
80°-90°	145.4	1.2
90°-100°	193.8	1.6
100°-110°	509.5	4.2
110°-120°	528.3	4.3
120°-130°	423.7	3.5
130°-140°	332.5	2.7
140°-150°	255.2	2.1
150°-160°	183.8	1.5
160°-170°	112.5	0.9
170°-180°	38.0	0.3
0°-30°	2763.3	22.6
0°-40°	4522.9	37.0
0°-60°	7832.9	64.1
0°-90°	9647.9	78.9
90°-120°	1231.6	10.1
90°-150°	2243.0	18.3
90°-180°	2577.0	21.1
0°-180°	12225.1	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3720	3720	3720	3720	3720	
5°	3738	3854	3738	3031	3738	355
15°	3569	3819	3569	3189	3569	1004
25°	3143	3562	3143	3118	3143	1443
35°	2390	3178	2390	2714	2390	1479
45°	1542	2619	1542	2298	1542	1235
55°	1256	1932	1256	1887	1256	1155
65°	873	1165	873	1302	873	834
75°	331	553	331	662	331	348
85°	56	141	56	120	56	76
90°	3	10	3	10	3	5
95°	26	117	26	117	26	28
105°	92	798	92	798	92	97
115°	163	1027	163	1027	163	161
125°	227	818	227	818	227	201
135°	270	635	270	635	270	209
145°	314	515	314	515	314	196
155°	354	444	354	444	354	163
165°	382	413	382	413	382	108
175°	398	400	398	400	398	38
180°	398	398	398	398	398	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4
2.5°	3752.1	3752.1	3773.2	3780.2	3780.2	3769.6	3759.1	3769.6	3801.4	3811.9	3808.4
5°	3738.0	3766.2	3804.9	3811.9	3818.9	3815.5	3808.4	3815.5	3850.6	3857.6	3861.2
7.5°	3709.8	3762.6	3811.9	3822.5	3833.1	3822.5	3818.9	3826.0	3861.2	3868.2	3868.2
10°	3674.6	3748.6	3804.9	3811.9	3822.5	3811.9	3811.9	3826.0	3861.2	3868.2	3871.8
12.5°	3625.3	3727.5	3780.2	3787.3	3801.4	3797.8	3794.3	3808.4	3843.6	3850.6	3850.6
15°	3569.0	3688.8	3738.0	3745.1	3769.6	3762.6	3762.6	3776.8	3815.5	3826.0	3822.5
17.5°	3491.6	3639.5	3695.8	3706.3	3723.9	3720.4	3723.9	3738.0	3773.2	3780.2	3783.8
20°	3403.6	3572.6	3639.5	3650.0	3667.6	3667.6	3667.6	3685.2	3720.4	3734.5	3734.5
22.5°	3283.9	3502.2	3572.6	3579.6	3600.8	3600.8	3607.8	3632.4	3664.1	3667.6	3667.6
25°	3143.2	3424.7	3484.6	3505.7	3526.8	3537.3	3547.9	3562.0	3572.6	3569.0	3572.6
27.5°	2995.3	3326.2	3403.6	3417.7	3445.9	3456.5	3470.5	3474.0	3477.5	3488.1	3481.0
30°	2829.9	3188.9	3305.0	3319.2	3364.9	3371.9	3357.9	3364.9	3382.5	3389.6	3396.6
32.5°	2643.3	2984.7	3203.0	3234.6	3276.9	3255.8	3252.3	3262.9	3291.0	3291.0	3298.0
35°	2390.0	2826.4	3108.0	3136.1	3167.8	3143.2	3157.2	3160.7	3178.3	3188.9	3185.4
37.5°	2111.8	2689.1	3009.4	3030.6	3055.2	3023.5	3044.6	3055.2	3069.3	3062.2	3062.2
40°	1865.5	2474.4	2893.3	2907.3	2928.4	2903.8	2924.9	2932.0	2939.0	2932.0	2928.4
42.5°	1682.5	2238.6	2770.0	2787.7	2773.6	2791.2	2798.2	2812.3	2801.7	2787.7	2787.7
45°	1541.7	2175.2	2636.3	2657.4	2636.3	2664.4	2675.0	2675.0	2643.3	2636.3	2632.8
47.5°	1495.9	2048.5	2502.6	2502.6	2492.0	2527.2	2544.8	2520.1	2488.4	2478.0	2478.0
50°	1492.4	1907.7	2319.5	2305.4	2354.7	2397.0	2379.4	2354.7	2330.1	2291.4	2291.4
52.5°	1355.1	1735.2	2083.7	2136.5	2214.0	2238.6	2210.4	2185.8	2143.5	2126.0	2111.8
55°	1256.5	1555.8	1869.0	1974.6	2055.5	2087.2	2034.4	2009.8	1946.4	1935.8	1928.8
57.5°	1235.5	1295.2	1671.9	1805.7	1904.2	1900.7	1869.0	1823.2	1770.4	1759.9	1756.4
60°	1133.4	936.2	1460.7	1619.1	1721.2	1710.6	1682.5	1640.2	1590.9	1583.9	1576.8
62.5°	1027.8	679.3	1221.4	1400.9	1545.2	1541.7	1517.1	1453.7	1418.5	1400.9	1386.8
65°	872.9	570.2	869.4	1165.1	1372.7	1379.8	1326.9	1281.2	1242.5	1221.4	1217.8
67.5°	665.2	464.6	587.8	971.5	1207.3	1200.2	1133.4	1112.2	1062.9	1052.4	1031.3
70°	492.8	309.7	408.3	788.5	1045.4	1027.8	974.9	950.3	904.6	879.9	865.9
72.5°	408.3	249.9	299.2	612.5	879.9	858.8	813.1	784.9	746.2	725.1	711.0
75°	330.9	264.0	228.7	454.0	714.5	700.5	658.2	630.0	598.3	570.2	573.7
77.5°	242.9	246.4	183.0	334.4	566.7	545.6	520.9	485.7	471.6	443.5	443.5
80°	183.0	193.6	137.3	228.7	408.3	408.3	387.2	362.6	337.9	323.9	323.9
82.5°	123.2	123.2	102.0	144.3	278.0	267.5	253.4	246.4	232.3	225.3	225.3
85°	56.3	70.4	63.3	88.0	151.3	158.4	158.4	151.3	147.9	140.7	144.3
87.5°	17.6	31.7	38.7	49.3	77.4	81.0	84.4	84.4	84.4	88.0	88.0
90°	2.7	4.8	6.9	7.5	11.7	17.4	20.2	18.0	13.5	10.1	10.1
92.5°	10.7	28.8	47.0	51.5	72.4	100.3	114.2	100.1	71.8	50.7	48.7
95°	25.6	58.8	92.0	100.3	178.1	281.9	333.8	297.8	226.0	172.1	166.0
97.5°	44.3	73.6	102.9	110.2	239.9	413.0	499.5	476.8	431.4	397.3	385.7
100°	58.7	85.2	111.8	118.5	262.5	454.5	550.5	552.2	555.4	557.9	544.1
102.5°	71.0	95.7	120.5	126.7	272.8	467.5	564.9	593.8	651.6	695.0	683.1
105°	91.8	112.8	133.7	139.0	280.4	469.0	563.3	628.1	757.8	855.1	848.8
107.5°	113.1	132.7	152.3	157.2	281.9	448.1	531.2	621.7	802.7	938.4	939.9
110°	127.5	145.2	162.9	167.3	279.7	429.6	504.6	605.7	808.0	959.8	966.4



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	141.7	158.5	175.4	179.6	279.8	413.5	480.3	583.9	790.9	946.2	956.4
115°	163.0	178.6	194.1	198.0	282.4	394.9	451.2	550.9	750.4	900.0	914.1
117.5°	184.1	198.2	212.3	215.9	287.6	383.3	431.2	521.3	701.3	836.2	851.9
120°	196.3	209.7	223.0	226.3	291.9	379.4	423.1	505.4	669.9	793.3	808.5
122.5°	208.4	221.8	235.1	238.5	298.0	377.3	417.0	491.1	639.2	750.3	765.3
125°	226.8	239.0	251.3	254.3	306.4	375.7	410.3	473.2	599.0	693.4	707.3
127.5°	241.7	254.1	266.4	269.5	314.6	374.7	404.8	458.7	566.8	647.8	659.5
130°	249.7	263.0	276.3	279.6	320.7	375.3	402.6	450.7	546.9	619.0	629.9
132.5°	258.1	271.3	284.6	287.9	325.5	375.7	400.8	443.8	530.0	594.5	604.2
135°	270.3	282.4	294.5	297.5	330.9	375.4	397.6	433.6	505.7	559.8	568.1
137.5°	282.8	294.8	306.7	309.7	338.9	377.7	397.0	427.5	488.4	534.1	541.0
140°	293.2	304.2	315.3	318.1	343.7	378.0	395.2	421.4	474.1	513.6	520.0
142.5°	301.2	311.4	321.6	324.2	347.8	379.4	395.2	418.2	464.5	499.2	504.7
145°	313.6	322.4	331.3	333.5	353.2	379.4	392.5	411.4	449.2	477.6	481.7
147.5°	325.8	334.4	343.1	345.3	361.0	382.0	392.5	407.4	437.2	459.5	462.9
150°	333.8	341.6	349.4	351.4	365.1	383.3	392.5	405.1	430.2	449.1	451.8
152.5°	342.1	348.0	353.9	355.4	367.7	384.2	392.5	403.2	424.7	440.8	442.9
155°	354.3	358.7	363.1	364.2	373.6	386.2	392.5	401.0	418.2	430.9	432.4
157.5°	363.4	367.6	372.0	373.0	379.5	388.1	392.5	399.2	412.4	422.3	423.3
160°	369.6	372.9	376.2	377.0	382.2	389.0	392.5	398.2	409.5	418.1	418.6
162.5°	375.7	378.2	380.7	381.3	385.0	390.0	392.5	397.3	406.9	414.1	414.6
165°	382.4	384.6	386.9	387.4	389.1	391.3	392.5	396.0	402.8	407.9	408.5
167.5°	388.5	389.6	390.6	390.9	392.3	394.2	395.2	397.4	401.9	405.3	405.5
170°	392.5	393.6	394.6	394.9	395.0	395.1	395.2	397.4	401.9	405.3	405.3
172.5°	394.6	394.9	395.1	395.2	395.2	395.2	395.2	396.9	400.5	403.2	403.0
175°	397.6	397.6	397.6	397.6	396.8	395.7	395.2	396.3	398.5	400.2	400.2
177.5°	397.6	397.6	397.6	397.6	396.9	396.1	395.7	396.6	398.4	399.7	399.4
180°	397.6	397.6	397.6	397.6	397.6	397.6	397.6	397.6	397.6	397.6	397.6



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4
2.5°	3815.5	3804.9	3815.5	3808.4	3811.9	3801.4	3769.6	3759.1	3769.6	3780.2	3780.2
5°	3861.2	3854.2	3861.2	3861.2	3857.6	3850.6	3815.5	3808.4	3815.5	3818.9	3811.9
7.5°	3875.2	3864.8	3875.2	3868.2	3868.2	3861.2	3826.0	3818.9	3822.5	3833.1	3822.5
10°	3875.2	3864.8	3875.2	3871.8	3868.2	3861.2	3826.0	3811.9	3811.9	3822.5	3811.9
12.5°	3857.6	3850.6	3857.6	3850.6	3850.6	3843.6	3808.4	3794.3	3797.8	3801.4	3787.3
15°	3829.5	3818.9	3829.5	3822.5	3826.0	3815.5	3776.8	3762.6	3762.6	3769.6	3745.1
17.5°	3787.3	3773.2	3787.3	3783.8	3780.2	3773.2	3738.0	3723.9	3720.4	3723.9	3706.3
20°	3738.0	3727.5	3738.0	3734.5	3734.5	3720.4	3685.2	3667.6	3667.6	3667.6	3650.0
22.5°	3660.6	3650.0	3660.6	3667.6	3667.6	3664.1	3632.4	3607.8	3600.8	3600.8	3579.6
25°	3572.6	3562.0	3572.6	3572.6	3569.0	3572.6	3562.0	3547.9	3537.3	3526.8	3505.7
27.5°	3488.1	3481.0	3488.1	3481.0	3488.1	3477.5	3474.0	3470.5	3456.5	3445.9	3417.7
30°	3403.6	3396.6	3403.6	3396.6	3389.6	3382.5	3364.9	3357.9	3371.9	3364.9	3319.2
32.5°	3298.0	3291.0	3298.0	3298.0	3291.0	3291.0	3262.9	3252.3	3255.8	3276.9	3234.6
35°	3188.9	3178.3	3188.9	3185.4	3188.9	3178.3	3160.7	3157.2	3143.2	3167.8	3136.1
37.5°	3062.2	3051.6	3062.2	3062.2	3062.2	3069.3	3055.2	3044.6	3023.5	3055.2	3030.6
40°	2932.0	2917.9	2932.0	2928.4	2932.0	2939.0	2932.0	2924.9	2903.8	2928.4	2907.3
42.5°	2784.1	2780.6	2784.1	2787.7	2787.7	2801.7	2812.3	2798.2	2791.2	2773.6	2787.7
45°	2625.7	2618.7	2625.7	2632.8	2636.3	2643.3	2675.0	2675.0	2664.4	2636.3	2657.4
47.5°	2456.8	2439.2	2456.8	2478.0	2478.0	2488.4	2520.1	2544.8	2527.2	2492.0	2502.6
50°	2277.3	2280.8	2277.3	2291.4	2291.4	2330.1	2354.7	2379.4	2397.0	2354.7	2305.4
52.5°	2101.3	2097.8	2101.3	2111.8	2126.0	2143.5	2185.8	2210.4	2238.6	2214.0	2136.5
55°	1925.3	1932.4	1925.3	1928.8	1935.8	1946.4	2009.8	2034.4	2087.2	2055.5	1974.6
57.5°	1749.4	1738.8	1749.4	1756.4	1759.9	1770.4	1823.2	1869.0	1900.7	1904.2	1805.7
60°	1545.2	1531.1	1545.2	1576.8	1583.9	1590.9	1640.2	1682.5	1710.6	1721.2	1619.1
62.5°	1365.7	1341.1	1365.7	1386.8	1400.9	1418.5	1453.7	1517.1	1541.7	1545.2	1400.9
65°	1175.6	1165.1	1175.6	1217.8	1221.4	1242.5	1281.2	1326.9	1379.8	1372.7	1165.1
67.5°	1003.2	1003.2	1003.2	1031.3	1052.4	1062.9	1112.2	1133.4	1200.2	1207.3	971.5
70°	844.8	841.2	844.8	865.9	879.9	904.6	950.3	974.9	1027.8	1045.4	788.5
72.5°	693.4	689.9	693.4	711.0	725.1	746.2	784.9	813.1	858.8	879.9	612.5
75°	559.6	552.6	559.6	573.7	570.2	598.3	630.0	658.2	700.5	714.5	454.0
77.5°	429.4	429.4	429.4	443.5	443.5	471.6	485.7	520.9	545.6	566.7	334.4
80°	320.3	316.7	320.3	323.9	323.9	337.9	362.6	387.2	408.3	408.3	228.7
82.5°	225.3	218.2	225.3	225.3	225.3	232.3	246.4	253.4	267.5	278.0	144.3
85°	140.7	140.7	140.7	144.3	140.7	147.9	151.3	158.4	158.4	151.3	88.0
87.5°	91.6	88.0	91.6	88.0	88.0	84.4	84.4	84.4	81.0	77.4	49.3
90°	10.1	10.1	10.1	10.1	10.1	13.5	18.0	20.2	17.4	11.7	7.5
92.5°	40.7	32.6	40.7	48.7	50.7	71.8	100.1	114.2	100.3	72.4	51.5
95°	141.5	117.1	141.5	166.0	172.1	226.0	297.8	333.8	281.9	178.1	100.3
97.5°	339.2	292.7	339.2	385.7	397.3	431.4	476.8	499.5	413.0	239.9	110.2
100°	488.8	433.3	488.8	544.1	557.9	555.4	552.2	550.5	454.5	262.5	118.5
102.5°	635.7	588.3	635.7	683.1	695.0	651.6	593.8	564.9	467.5	272.8	126.7
105°	823.3	797.8	823.3	848.8	855.1	757.8	628.1	563.3	469.0	280.4	139.0
107.5°	946.2	952.3	946.2	939.9	938.4	802.7	621.7	531.2	448.1	281.9	157.2
110°	993.0	1019.5	993.0	966.4	959.8	808.0	605.7	504.6	429.6	279.7	167.3





TEST NUMBER: P934073

CATALOG NUMBER: SQ4-FA-025U-100D-940-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	997.1	1037.9	997.1	956.4	946.2	790.9	583.9	480.3	413.5	279.8	179.6
115°	970.7	1027.2	970.7	914.1	900.0	750.4	550.9	451.2	394.9	282.4	198.0
117.5°	914.6	977.3	914.6	851.9	836.2	701.3	521.3	431.2	383.3	287.6	215.9
120°	869.4	930.4	869.4	808.5	793.3	669.9	505.4	423.1	379.4	291.9	226.3
122.5°	825.5	885.6	825.5	765.3	750.3	639.2	491.1	417.0	377.3	298.0	238.5
125°	762.6	818.0	762.6	707.3	693.4	599.0	473.2	410.3	375.7	306.4	254.3
127.5°	706.2	752.9	706.2	659.5	647.8	566.8	458.7	404.8	374.7	314.6	269.5
130°	673.0	716.2	673.0	629.9	619.0	546.9	450.7	402.6	375.3	320.7	279.6
132.5°	642.8	681.5	642.8	604.2	594.5	530.0	443.8	400.8	375.7	325.5	287.9
135°	601.4	634.7	601.4	568.1	559.8	505.7	433.6	397.6	375.4	330.9	297.5
137.5°	568.2	595.6	568.2	541.0	534.1	488.4	427.5	397.0	377.7	338.9	309.7
140°	545.5	571.0	545.5	520.0	513.6	474.1	421.4	395.2	378.0	343.7	318.1
142.5°	526.7	548.6	526.7	504.7	499.2	464.5	418.2	395.2	379.4	347.8	324.2
145°	498.3	515.0	498.3	481.7	477.6	449.2	411.4	392.5	379.4	353.2	333.5
147.5°	476.7	490.4	476.7	462.9	459.5	437.2	407.4	392.5	382.0	361.0	345.3
150°	463.0	474.1	463.0	451.8	449.1	430.2	405.1	392.5	383.3	365.1	351.4
152.5°	451.3	459.7	451.3	442.9	440.8	424.7	403.2	392.5	384.2	367.7	355.4
155°	437.9	443.5	437.9	432.4	430.9	418.2	401.0	392.5	386.2	373.6	364.2
157.5°	427.3	431.2	427.3	423.3	422.3	412.4	399.2	392.5	388.1	379.5	373.0
160°	420.9	423.1	420.9	418.6	418.1	409.5	398.2	392.5	389.0	382.2	377.0
162.5°	416.7	418.9	416.7	414.6	414.1	406.9	397.3	392.5	390.0	385.0	381.3
165°	410.8	413.0	410.8	408.5	407.9	402.8	396.0	392.5	391.3	389.1	387.4
167.5°	406.4	407.4	406.4	405.5	405.3	401.9	397.4	395.2	394.2	392.3	390.9
170°	405.3	405.3	405.3	405.3	405.3	401.9	397.4	395.2	395.1	395.0	394.9
172.5°	402.1	401.3	402.1	403.0	403.2	400.5	396.9	395.2	395.2	395.2	395.2
175°	400.2	400.2	400.2	400.2	400.2	398.5	396.3	395.2	395.7	396.8	397.6
177.5°	398.5	397.6	398.5	399.4	399.7	398.4	396.6	395.7	396.1	396.9	397.6
180°	397.6	397.6	397.6	397.6	397.6	397.6	397.6	397.6	397.6	397.6	397.6



TEST NUMBER: P934073  
 CATALOG NUMBER: SQ4-FA-025U-100D-940-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4
2.5°	3773.2	3752.1	3752.1	3716.9	3702.8	3692.2	3674.6	3621.9	3607.8	3593.6	3614.8
5°	3804.9	3766.2	3738.0	3674.6	3621.9	3600.8	3533.9	3407.2	3322.6	3259.3	3224.2
7.5°	3811.9	3762.6	3709.8	3611.3	3484.6	3428.3	3224.2	2991.8	2928.4	2872.1	2836.9
10°	3804.9	3748.6	3674.6	3526.8	3227.6	3129.0	2924.9	2773.6	2734.9	2724.3	2734.9
12.5°	3780.2	3727.5	3625.3	3379.0	2960.1	2893.3	2773.6	2685.6	2678.6	2696.1	2791.2
15°	3738.0	3688.8	3569.0	3181.9	2812.3	2763.0	2678.6	2646.9	2685.6	2808.7	3093.9
17.5°	3695.8	3639.5	3491.6	2988.3	2699.7	2664.4	2604.6	2668.0	2886.2	3051.6	3146.7
20°	3639.5	3572.6	3403.6	2847.5	2618.7	2587.0	2558.9	2844.0	3009.4	3069.3	3122.0
22.5°	3572.6	3502.2	3283.9	2749.0	2534.3	2509.6	2527.2	2942.6	3009.4	3051.6	3097.4
25°	3484.6	3424.7	3143.2	2671.5	2467.4	2439.2	2506.1	2932.0	2970.7	2981.3	3072.7
27.5°	3403.6	3326.2	2995.3	2601.1	2386.4	2375.8	2523.7	2886.2	2914.4	2924.9	3023.5
30°	3305.0	3188.9	2829.9	2527.2	2302.0	2298.4	2527.2	2829.9	2822.9	2851.0	2949.6
32.5°	3203.0	2984.7	2643.3	2435.7	2221.0	2217.4	2502.6	2745.4	2738.4	2777.1	2851.0
35°	3108.0	2826.4	2390.0	2330.1	2118.9	2122.4	2442.7	2646.9	2650.4	2685.6	2731.3
37.5°	3009.4	2689.1	2111.8	2214.0	2020.4	2020.4	2361.7	2555.4	2548.3	2558.9	2622.3
40°	2893.3	2474.4	1865.5	2062.6	1928.8	1918.3	2263.2	2456.8	2432.1	2428.7	2516.7
42.5°	2770.0	2238.6	1682.5	1862.0	1823.2	1809.1	2143.5	2337.1	2291.4	2302.0	2414.6
45°	2636.3	2175.2	1541.7	1573.4	1714.1	1703.5	2013.3	2199.8	2168.1	2196.4	2312.5
47.5°	2502.6	2048.5	1495.9	1305.8	1598.0	1594.5	1869.0	2066.1	2048.5	2076.7	2199.8
50°	2319.5	1907.7	1492.4	1119.3	1467.8	1481.8	1696.5	1935.8	1935.8	1960.5	2090.7
52.5°	2083.7	1735.2	1355.1	1013.7	1316.4	1358.6	1545.2	1823.2	1830.3	1854.9	1971.1
55°	1869.0	1555.8	1256.5	932.8	1136.9	1228.4	1397.4	1707.1	1721.2	1745.8	1851.4
57.5°	1671.9	1295.2	1235.5	837.7	971.5	1059.5	1267.1	1594.5	1601.5	1622.6	1724.7
60°	1460.7	936.2	1133.4	735.6	827.2	894.0	1147.5	1460.7	1485.4	1499.4	1587.4
62.5°	1221.4	679.3	1027.8	665.2	756.8	770.9	1048.9	1334.0	1365.7	1376.2	1429.1
65°	869.4	570.2	872.9	605.4	682.9	686.3	943.3	1203.8	1231.9	1249.5	1288.2
67.5°	587.8	464.6	665.2	549.1	626.5	630.0	841.2	1052.4	1091.1	1105.2	1129.9
70°	408.3	309.7	492.8	489.3	563.2	570.2	732.2	915.2	950.3	960.9	974.9
72.5°	299.2	249.9	408.3	440.0	496.3	503.3	619.5	760.3	795.5	806.0	813.1
75°	228.7	264.0	330.9	383.6	422.3	425.9	506.9	619.5	644.2	651.2	654.6
77.5°	183.0	246.4	242.9	309.7	344.9	337.9	397.7	478.7	499.8	499.8	499.8
80°	137.3	193.6	183.0	221.7	253.4	246.4	285.1	341.4	348.5	355.5	352.0
82.5°	102.0	123.2	123.2	140.7	169.0	161.9	190.0	221.7	221.7	221.7	228.7
85°	63.3	70.4	56.3	73.9	95.0	91.6	105.6	119.7	123.2	123.2	116.2
87.5°	38.7	31.7	17.6	28.1	42.3	42.3	49.3	52.8	49.3	49.3	49.3
90°	6.9	4.8	2.7	4.8	6.9	7.5	11.7	17.4	20.2	18.0	13.5
92.5°	47.0	28.8	10.7	28.8	47.0	51.5	72.4	100.3	114.2	100.1	71.8
95°	92.0	58.8	25.6	58.8	92.0	100.3	178.1	281.9	333.8	297.8	226.0
97.5°	102.9	73.6	44.3	73.6	102.9	110.2	239.9	413.0	499.5	476.8	431.4
100°	111.8	85.2	58.7	85.2	111.8	118.5	262.5	454.5	550.5	552.2	555.4
102.5°	120.5	95.7	71.0	95.7	120.5	126.7	272.8	467.5	564.9	593.8	651.6
105°	133.7	112.8	91.8	112.8	133.7	139.0	280.4	469.0	563.3	628.1	757.8
107.5°	152.3	132.7	113.1	132.7	152.3	157.2	281.9	448.1	531.2	621.7	802.7
110°	162.9	145.2	127.5	145.2	162.9	167.3	279.7	429.6	504.6	605.7	808.0



TEST NUMBER: P934073

CATALOG NUMBER: SQ4-FA-025U-100D-940-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	175.4	158.5	141.7	158.5	175.4	179.6	279.8	413.5	480.3	583.9	790.9
115°	194.1	178.6	163.0	178.6	194.1	198.0	282.4	394.9	451.2	550.9	750.4
117.5°	212.3	198.2	184.1	198.2	212.3	215.9	287.6	383.3	431.2	521.3	701.3
120°	223.0	209.7	196.3	209.7	223.0	226.3	291.9	379.4	423.1	505.4	669.9
122.5°	235.1	221.8	208.4	221.8	235.1	238.5	298.0	377.3	417.0	491.1	639.2
125°	251.3	239.0	226.8	239.0	251.3	254.3	306.4	375.7	410.3	473.2	599.0
127.5°	266.4	254.1	241.7	254.1	266.4	269.5	314.6	374.7	404.8	458.7	566.8
130°	276.3	263.0	249.7	263.0	276.3	279.6	320.7	375.3	402.6	450.7	546.9
132.5°	284.6	271.3	258.1	271.3	284.6	287.9	325.5	375.7	400.8	443.8	530.0
135°	294.5	282.4	270.3	282.4	294.5	297.5	330.9	375.4	397.6	433.6	505.7
137.5°	306.7	294.8	282.8	294.8	306.7	309.7	338.9	377.7	397.0	427.5	488.4
140°	315.3	304.2	293.2	304.2	315.3	318.1	343.7	378.0	395.2	421.4	474.1
142.5°	321.6	311.4	301.2	311.4	321.6	324.2	347.8	379.4	395.2	418.2	464.5
145°	331.3	322.4	313.6	322.4	331.3	333.5	353.2	379.4	392.5	411.4	449.2
147.5°	343.1	334.4	325.8	334.4	343.1	345.3	361.0	382.0	392.5	407.4	437.2
150°	349.4	341.6	333.8	341.6	349.4	351.4	365.1	383.3	392.5	405.1	430.2
152.5°	353.9	348.0	342.1	348.0	353.9	355.4	367.7	384.2	392.5	403.2	424.7
155°	363.1	358.7	354.3	358.7	363.1	364.2	373.6	386.2	392.5	401.0	418.2
157.5°	372.0	367.6	363.4	367.6	372.0	373.0	379.5	388.1	392.5	399.2	412.4
160°	376.2	372.9	369.6	372.9	376.2	377.0	382.2	389.0	392.5	398.2	409.5
162.5°	380.7	378.2	375.7	378.2	380.7	381.3	385.0	390.0	392.5	397.3	406.9
165°	386.9	384.6	382.4	384.6	386.9	387.4	389.1	391.3	392.5	396.0	402.8
167.5°	390.6	389.6	388.5	389.6	390.6	390.9	392.3	394.2	395.2	397.4	401.9
170°	394.6	393.6	392.5	393.6	394.6	394.9	395.0	395.1	395.2	397.4	401.9
172.5°	395.1	394.9	394.6	394.9	395.1	395.2	395.2	395.2	395.2	396.9	400.5
175°	397.6	397.6	397.6	397.6	397.6	397.6	396.8	395.7	395.2	396.3	398.5
177.5°	397.6	397.6	397.6	397.6	397.6	397.6	396.9	396.1	395.7	396.6	398.4
180°	397.6	397.6	397.6	397.6	397.6	397.6	397.6	397.6	397.6	397.6	397.6



TEST NUMBER: P934073

CATALOG NUMBER: SQ4-FA-025U-100D-940-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4
2.5°	3590.2	3579.6	3593.6	3554.9	3593.6	3579.6	3590.2	3614.8	3593.6	3607.8	3621.9
5°	3150.2	3132.6	3076.3	3030.6	3076.3	3132.6	3150.2	3224.2	3259.3	3322.6	3407.2
7.5°	2815.8	2801.7	2787.7	2759.5	2787.7	2801.7	2815.8	2836.9	2872.1	2928.4	2991.8
10°	2741.9	2745.4	2766.6	2763.0	2766.6	2745.4	2741.9	2734.9	2724.3	2734.9	2773.6
12.5°	2932.0	2963.6	3079.8	3072.7	3079.8	2963.6	2932.0	2791.2	2696.1	2678.6	2685.6
15°	3150.2	3160.7	3185.4	3188.9	3185.4	3160.7	3150.2	3093.9	2808.7	2685.6	2646.9
17.5°	3171.3	3174.9	3192.4	3192.4	3192.4	3174.9	3171.3	3146.7	3051.6	2886.2	2668.0
20°	3153.7	3160.7	3195.9	3203.0	3195.9	3160.7	3153.7	3122.0	3069.3	3009.4	2844.0
22.5°	3146.7	3160.7	3188.9	3185.4	3188.9	3160.7	3146.7	3097.4	3051.6	3009.4	2942.6
25°	3111.5	3111.5	3115.0	3118.5	3115.0	3111.5	3111.5	3072.7	2981.3	2970.7	2932.0
27.5°	3037.6	3044.6	3065.7	3062.2	3065.7	3044.6	3037.6	3023.5	2924.9	2914.4	2886.2
30°	2970.7	2963.6	2946.0	2932.0	2946.0	2963.6	2970.7	2949.6	2851.0	2822.9	2829.9
32.5°	2858.0	2840.4	2822.9	2812.3	2822.9	2840.4	2858.0	2851.0	2777.1	2738.4	2745.4
35°	2724.3	2727.8	2724.3	2713.7	2724.3	2727.8	2724.3	2731.3	2685.6	2650.4	2646.9
37.5°	2629.3	2636.3	2632.8	2618.7	2632.8	2636.3	2629.3	2622.3	2558.9	2548.3	2555.4
40°	2530.7	2534.3	2530.7	2520.1	2530.7	2534.3	2530.7	2516.7	2428.7	2432.1	2456.8
42.5°	2435.7	2432.1	2421.6	2414.6	2421.6	2432.1	2435.7	2414.6	2302.0	2291.4	2337.1
45°	2326.6	2330.1	2309.0	2298.4	2309.0	2330.1	2326.6	2312.5	2196.4	2168.1	2199.8
47.5°	2217.4	2217.4	2199.8	2189.3	2199.8	2217.4	2217.4	2199.8	2076.7	2048.5	2066.1
50°	2101.3	2097.8	2073.1	2069.7	2073.1	2097.8	2101.3	2090.7	1960.5	1935.8	1935.8
52.5°	1967.5	1967.5	1971.1	1978.1	1971.1	1967.5	1967.5	1971.1	1854.9	1830.3	1823.2
55°	1851.4	1854.9	1879.5	1886.6	1879.5	1854.9	1851.4	1851.4	1745.8	1721.2	1707.1
57.5°	1731.7	1731.7	1749.4	1749.4	1749.4	1731.7	1731.7	1724.7	1622.6	1601.5	1594.5
60°	1594.5	1601.5	1615.5	1612.1	1615.5	1601.5	1594.5	1587.4	1499.4	1485.4	1460.7
62.5°	1450.1	1457.2	1460.7	1453.7	1460.7	1457.2	1450.1	1429.1	1376.2	1365.7	1334.0
65°	1298.8	1305.8	1309.4	1302.3	1309.4	1305.8	1298.8	1288.2	1249.5	1231.9	1203.8
67.5°	1143.9	1140.4	1136.9	1150.9	1136.9	1140.4	1143.9	1129.9	1105.2	1091.1	1052.4
70°	985.5	985.5	982.0	989.1	982.0	985.5	985.5	974.9	960.9	950.3	915.2
72.5°	816.6	813.1	827.2	816.6	827.2	813.1	816.6	813.1	806.0	795.5	760.3
75°	651.2	658.2	651.2	661.7	651.2	658.2	651.2	654.6	651.2	644.2	619.5
77.5°	496.3	503.3	496.3	496.3	496.3	503.3	496.3	499.8	499.8	499.8	478.7
80°	352.0	348.5	348.5	344.9	348.5	348.5	352.0	352.0	355.5	348.5	341.4
82.5°	225.3	221.7	221.7	228.7	221.7	221.7	225.3	228.7	221.7	221.7	221.7
85°	123.2	126.7	119.7	119.7	119.7	126.7	123.2	116.2	123.2	123.2	119.7
87.5°	45.7	42.3	42.3	42.3	42.3	42.3	45.7	49.3	49.3	49.3	52.8
90°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	13.5	18.0	20.2	17.4
92.5°	50.7	48.7	40.7	32.6	40.7	48.7	50.7	71.8	100.1	114.2	100.3
95°	172.1	166.0	141.5	117.1	141.5	166.0	172.1	226.0	297.8	333.8	281.9
97.5°	397.3	385.7	339.2	292.7	339.2	385.7	397.3	431.4	476.8	499.5	413.0
100°	557.9	544.1	488.8	433.3	488.8	544.1	557.9	555.4	552.2	550.5	454.5
102.5°	695.0	683.1	635.7	588.3	635.7	683.1	695.0	651.6	593.8	564.9	467.5
105°	855.1	848.8	823.3	797.8	823.3	848.8	855.1	757.8	628.1	563.3	469.0
107.5°	938.4	939.9	946.2	952.3	946.2	939.9	938.4	802.7	621.7	531.2	448.1
110°	959.8	966.4	993.0	1019.5	993.0	966.4	959.8	808.0	605.7	504.6	429.6



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	946.2	956.4	997.1	1037.9	997.1	956.4	946.2	790.9	583.9	480.3	413.5
115°	900.0	914.1	970.7	1027.2	970.7	914.1	900.0	750.4	550.9	451.2	394.9
117.5°	836.2	851.9	914.6	977.3	914.6	851.9	836.2	701.3	521.3	431.2	383.3
120°	793.3	808.5	869.4	930.4	869.4	808.5	793.3	669.9	505.4	423.1	379.4
122.5°	750.3	765.3	825.5	885.6	825.5	765.3	750.3	639.2	491.1	417.0	377.3
125°	693.4	707.3	762.6	818.0	762.6	707.3	693.4	599.0	473.2	410.3	375.7
127.5°	647.8	659.5	706.2	752.9	706.2	659.5	647.8	566.8	458.7	404.8	374.7
130°	619.0	629.9	673.0	716.2	673.0	629.9	619.0	546.9	450.7	402.6	375.3
132.5°	594.5	604.2	642.8	681.5	642.8	604.2	594.5	530.0	443.8	400.8	375.7
135°	559.8	568.1	601.4	634.7	601.4	568.1	559.8	505.7	433.6	397.6	375.4
137.5°	534.1	541.0	568.2	595.6	568.2	541.0	534.1	488.4	427.5	397.0	377.7
140°	513.6	520.0	545.5	571.0	545.5	520.0	513.6	474.1	421.4	395.2	378.0
142.5°	499.2	504.7	526.7	548.6	526.7	504.7	499.2	464.5	418.2	395.2	379.4
145°	477.6	481.7	498.3	515.0	498.3	481.7	477.6	449.2	411.4	392.5	379.4
147.5°	459.5	462.9	476.7	490.4	476.7	462.9	459.5	437.2	407.4	392.5	382.0
150°	449.1	451.8	463.0	474.1	463.0	451.8	449.1	430.2	405.1	392.5	383.3
152.5°	440.8	442.9	451.3	459.7	451.3	442.9	440.8	424.7	403.2	392.5	384.2
155°	430.9	432.4	437.9	443.5	437.9	432.4	430.9	418.2	401.0	392.5	386.2
157.5°	422.3	423.3	427.3	431.2	427.3	423.3	422.3	412.4	399.2	392.5	388.1
160°	418.1	418.6	420.9	423.1	420.9	418.6	418.1	409.5	398.2	392.5	389.0
162.5°	414.1	414.6	416.7	418.9	416.7	414.6	414.1	406.9	397.3	392.5	390.0
165°	407.9	408.5	410.8	413.0	410.8	408.5	407.9	402.8	396.0	392.5	391.3
167.5°	405.3	405.5	406.4	407.4	406.4	405.5	405.3	401.9	397.4	395.2	394.2
170°	405.3	405.3	405.3	405.3	405.3	405.3	405.3	401.9	397.4	395.2	395.1
172.5°	403.2	403.0	402.1	401.3	402.1	403.0	403.2	400.5	396.9	395.2	395.2
175°	400.2	400.2	400.2	400.2	400.2	400.2	400.2	398.5	396.3	395.2	395.7
177.5°	399.7	399.4	398.5	397.6	398.5	399.4	399.7	398.4	396.6	395.7	396.1
180°	397.6	397.6	397.6	397.6	397.6	397.6	397.6	397.6	397.6	397.6	397.6



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	3720.4	3720.4	3720.4	3720.4	3720.4
2.5°	3674.6	3692.2	3702.8	3716.9	3752.1
5°	3533.9	3600.8	3621.9	3674.6	3738.0
7.5°	3224.2	3428.3	3484.6	3611.3	3709.8
10°	2924.9	3129.0	3227.6	3526.8	3674.6
12.5°	2773.6	2893.3	2960.1	3379.0	3625.3
15°	2678.6	2763.0	2812.3	3181.9	3569.0
17.5°	2604.6	2664.4	2699.7	2988.3	3491.6
20°	2558.9	2587.0	2618.7	2847.5	3403.6
22.5°	2527.2	2509.6	2534.3	2749.0	3283.9
25°	2506.1	2439.2	2467.4	2671.5	3143.2
27.5°	2523.7	2375.8	2386.4	2601.1	2995.3
30°	2527.2	2298.4	2302.0	2527.2	2829.9
32.5°	2502.6	2217.4	2221.0	2435.7	2643.3
35°	2442.7	2122.4	2118.9	2330.1	2390.0
37.5°	2361.7	2020.4	2020.4	2214.0	2111.8
40°	2263.2	1918.3	1928.8	2062.6	1865.5
42.5°	2143.5	1809.1	1823.2	1862.0	1682.5
45°	2013.3	1703.5	1714.1	1573.4	1541.7
47.5°	1869.0	1594.5	1598.0	1305.8	1495.9
50°	1696.5	1481.8	1467.8	1119.3	1492.4
52.5°	1545.2	1358.6	1316.4	1013.7	1355.1
55°	1397.4	1228.4	1136.9	932.8	1256.5
57.5°	1267.1	1059.5	971.5	837.7	1235.5
60°	1147.5	894.0	827.2	735.6	1133.4
62.5°	1048.9	770.9	756.8	665.2	1027.8
65°	943.3	686.3	682.9	605.4	872.9
67.5°	841.2	630.0	626.5	549.1	665.2
70°	732.2	570.2	563.2	489.3	492.8
72.5°	619.5	503.3	496.3	440.0	408.3
75°	506.9	425.9	422.3	383.6	330.9
77.5°	397.7	337.9	344.9	309.7	242.9
80°	285.1	246.4	253.4	221.7	183.0
82.5°	190.0	161.9	169.0	140.7	123.2
85°	105.6	91.6	95.0	73.9	56.3
87.5°	49.3	42.3	42.3	28.1	17.6
90°	11.7	7.5	6.9	4.8	2.7
92.5°	72.4	51.5	47.0	28.8	10.7
95°	178.1	100.3	92.0	58.8	25.6
97.5°	239.9	110.2	102.9	73.6	44.3
100°	262.5	118.5	111.8	85.2	58.7
102.5°	272.8	126.7	120.5	95.7	71.0
105°	280.4	139.0	133.7	112.8	91.8
107.5°	281.9	157.2	152.3	132.7	113.1
110°	279.7	167.3	162.9	145.2	127.5



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	279.8	179.6	175.4	158.5	141.7
115°	282.4	198.0	194.1	178.6	163.0
117.5°	287.6	215.9	212.3	198.2	184.1
120°	291.9	226.3	223.0	209.7	196.3
122.5°	298.0	238.5	235.1	221.8	208.4
125°	306.4	254.3	251.3	239.0	226.8
127.5°	314.6	269.5	266.4	254.1	241.7
130°	320.7	279.6	276.3	263.0	249.7
132.5°	325.5	287.9	284.6	271.3	258.1
135°	330.9	297.5	294.5	282.4	270.3
137.5°	338.9	309.7	306.7	294.8	282.8
140°	343.7	318.1	315.3	304.2	293.2
142.5°	347.8	324.2	321.6	311.4	301.2
145°	353.2	333.5	331.3	322.4	313.6
147.5°	361.0	345.3	343.1	334.4	325.8
150°	365.1	351.4	349.4	341.6	333.8
152.5°	367.7	355.4	353.9	348.0	342.1
155°	373.6	364.2	363.1	358.7	354.3
157.5°	379.5	373.0	372.0	367.6	363.4
160°	382.2	377.0	376.2	372.9	369.6
162.5°	385.0	381.3	380.7	378.2	375.7
165°	389.1	387.4	386.9	384.6	382.4
167.5°	392.3	390.9	390.6	389.6	388.5
170°	395.0	394.9	394.6	393.6	392.5
172.5°	395.2	395.2	395.1	394.9	394.6
175°	396.8	397.6	397.6	397.6	397.6
177.5°	396.9	397.6	397.6	397.6	397.6
180°	397.6	397.6	397.6	397.6	397.6



TEST NUMBER: P934073  
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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	15.63	16.83	16.30	17.51	18.30	18.49	19.68	19.15	20.36	21.15
	3H	16.14	17.21	16.81	17.90	18.72	19.86	20.94	20.54	21.63	22.45
	4H	16.34	17.36	17.04	18.06	18.89	20.33	21.34	21.02	22.04	22.88
	6H	16.48	17.42	17.19	18.13	18.98	20.63	21.57	21.34	22.28	23.13
	8H	16.49	17.38	17.21	18.11	18.96	20.72	21.61	21.44	22.34	23.20
	12H	16.47	17.32	17.20	18.05	18.93	20.77	21.63	21.50	22.35	23.23
4H	2H	16.71	17.73	17.41	18.43	19.26	18.93	19.95	19.63	20.65	21.48
	3H	17.77	18.62	18.48	19.35	20.21	20.48	21.32	21.19	22.06	22.91
	4H	18.06	18.83	18.79	19.57	20.45	21.02	21.79	21.75	22.53	23.41
	6H	18.20	18.87	18.95	19.63	20.53	21.41	22.08	22.16	22.84	23.74
	8H	18.22	18.84	18.97	19.60	20.50	21.53	22.15	22.28	22.91	23.82
	12H	18.20	18.76	18.97	19.54	20.45	21.61	22.17	22.38	22.95	23.86
8H	4H	18.54	19.17	19.29	19.93	20.83	21.17	21.80	21.92	22.56	23.46
	6H	18.82	19.34	19.60	20.14	21.04	21.63	22.15	22.41	22.95	23.85
	8H	18.86	19.32	19.66	20.13	21.05	21.79	22.25	22.58	23.05	23.97
	12H	18.86	19.27	19.66	20.06	21.04	21.91	22.31	22.70	23.10	24.09
12H	4H	18.57	19.13	19.34	19.91	20.82	21.15	21.71	21.93	22.50	23.41
	6H	18.88	19.34	19.68	20.15	21.07	21.63	22.09	22.42	22.89	23.81
	8H	18.97	19.37	19.76	20.16	21.15	21.81	22.22	22.61	23.01	23.99