

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: P934078

Luminaire Tested: SQ4-FA-025U-100D-B2750-1D-UNV-STD-W-12-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934078
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-B2750-1D-UNV-STD-W-12-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

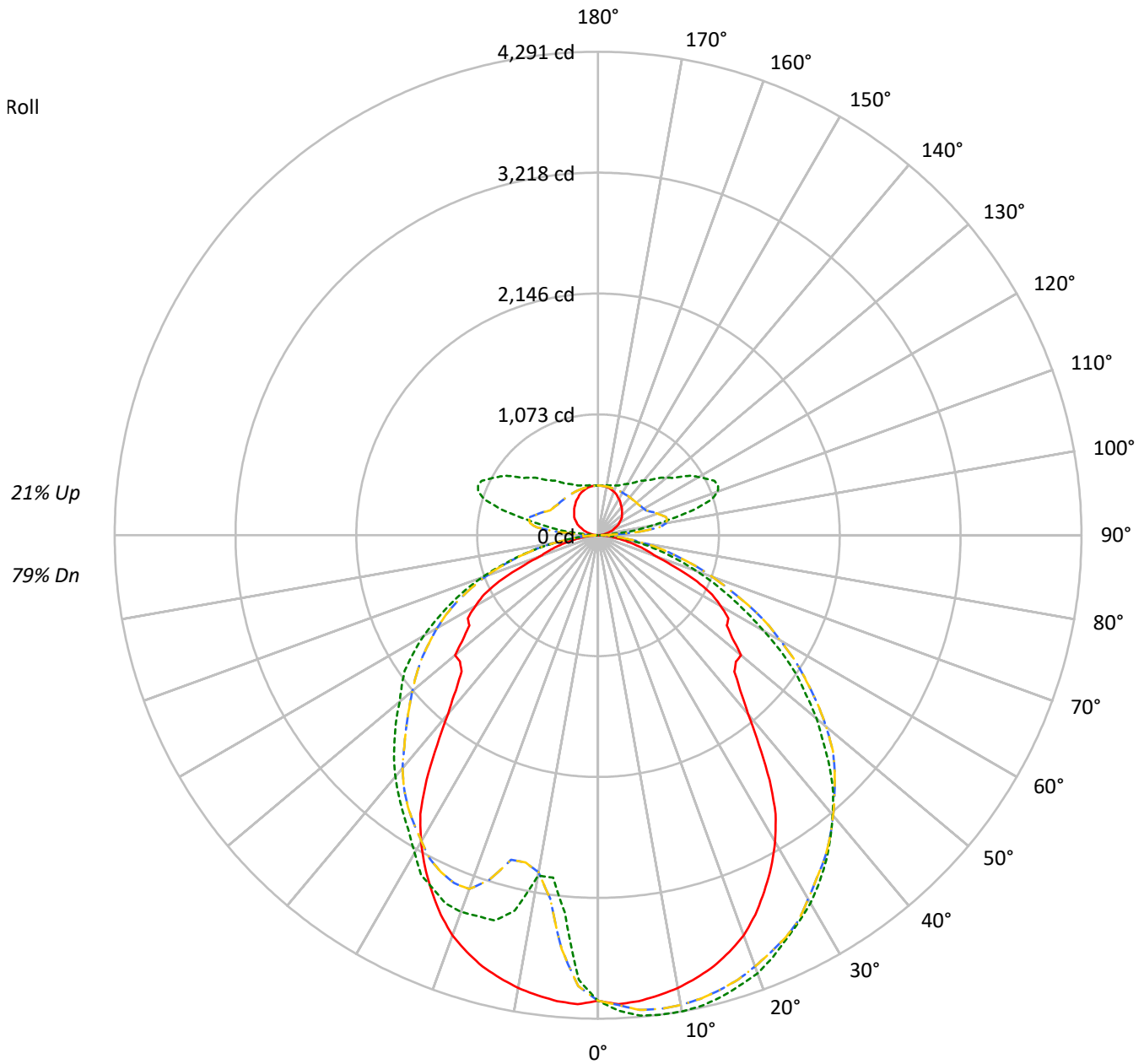
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13574.2 lumens
Efficiency: N/A
Efficacy: 116.6 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 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			
RC	80				70				50				30				10		0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	114	114	114	114	109	109	109	109	99	99	99	91	91	91	83	83	83	79		
1	104	100	96	92	100	96	92	89	88	85	82	80	78	76	73	72	70	67		
2	95	87	81	76	91	84	78	73	77	72	68	70	67	64	65	62	59	56		
3	87	77	69	63	83	74	67	61	68	62	57	62	58	54	57	54	50	47		
4	79	68	60	53	76	65	58	52	60	54	49	56	50	46	51	47	43	41		
5	73	61	52	46	70	58	51	45	54	47	42	50	44	40	46	41	38	35		
6	67	55	46	40	64	53	45	39	49	42	37	45	39	35	42	37	33	31		
7	62	50	41	35	59	48	40	34	44	38	33	41	35	31	38	33	30	27		
8	58	45	37	31	55	44	36	31	40	34	29	38	32	28	35	30	26	24		
9	54	41	33	28	52	40	33	27	37	31	26	35	29	25	32	27	24	22		
10	51	38	30	25	48	37	30	25	34	28	24	32	27	23	30	25	22	20		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12777	12777	12777	12777
5°	12878	12898	12878	10142
10°	12796	12706	12796	9083
15°	12662	12430	12662	10379
20°	12402	12104	12402	10401
25°	11865	11628	11865	10180
30°	11169	11233	11169	9697
35°	9962	10734	9962	9165
40°	8306	10146	8306	8763
45°	7426	9458	7426	8301
50°	7896	8637	7896	7838
55°	7435	7753	7435	7569
60°	7674	6584	7674	6933
65°	6969	5443	6969	6084
70°	4837	4337	4837	5100
75°	4258	3206	4258	3840
80°	3456	2120	3456	2308
85°	2025	1123	2025	954

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11374 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	372.9	2.7
10°-20°	1058.7	7.8
20°-30°	1636.6	12.1
30°-40°	1953.8	14.4
40°-50°	1965.2	14.5
50°-60°	1710.0	12.6
60°-70°	1212.4	8.9
70°-80°	641.4	4.7
80°-90°	161.4	1.2
90°-100°	215.2	1.6
100°-110°	565.7	4.2
110°-120°	586.6	4.3
120°-130°	470.5	3.5
130°-140°	369.2	2.7
140°-150°	283.4	2.1
150°-160°	204.1	1.5
160°-170°	124.9	0.9
170°-180°	42.2	0.3
0°-30°	3068.3	22.6
0°-40°	5022.1	37.0
0°-60°	8697.3	64.1
0°-90°	10712.6	78.9
90°-120°	1367.5	10.1
90°-150°	2490.5	18.3
90°-180°	2862.0	21.1
0°-180°	13574.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4131	4131	4131	4131	4131	
5°	4151	4280	4151	3365	4151	394
15°	3963	4240	3963	3541	3963	1115
25°	3490	3955	3490	3463	3490	1602
35°	2654	3529	2654	3013	2654	1642
45°	1712	2908	1712	2552	1712	1371
55°	1395	2146	1395	2095	1395	1282
65°	969	1294	969	1446	969	926
75°	367	614	367	735	367	386
85°	62	156	62	133	62	84
90°	3	11	3	11	3	5
95°	28	130	28	130	28	32
105°	102	886	102	886	102	108
115°	181	1141	181	1141	181	179
125°	252	908	252	908	252	224
135°	300	705	300	705	300	232
145°	348	572	348	572	348	218
155°	393	492	393	492	393	181
165°	425	459	425	459	425	120
175°	441	444	441	444	441	42
180°	441	441	441	441	441	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9
2.5°	4166.1	4166.1	4189.6	4197.4	4197.4	4185.7	4173.9	4185.7	4220.9	4232.6	4228.7
5°	4150.6	4181.8	4224.8	4232.6	4240.4	4236.5	4228.7	4236.5	4275.6	4283.4	4287.3
7.5°	4119.2	4177.9	4232.6	4244.3	4256.1	4244.3	4240.4	4248.3	4287.3	4295.1	4295.1
10°	4080.2	4162.3	4224.8	4232.6	4244.3	4232.6	4232.6	4248.3	4287.3	4295.1	4299.1
12.5°	4025.4	4138.8	4197.4	4205.3	4220.9	4216.9	4213.1	4228.7	4267.8	4275.6	4275.6
15°	3962.9	4095.8	4150.6	4158.4	4185.7	4177.9	4177.9	4193.6	4236.5	4248.3	4244.3
17.5°	3877.0	4041.1	4103.6	4115.4	4134.9	4130.9	4134.9	4150.6	4189.6	4197.4	4201.3
20°	3779.2	3966.9	4041.1	4052.9	4072.4	4072.4	4072.4	4091.9	4130.9	4146.6	4146.6
22.5°	3646.3	3888.7	3966.9	3974.7	3998.1	3998.1	4005.9	4033.2	4068.4	4072.4	4072.4
25°	3490.0	3802.7	3869.2	3892.6	3916.0	3927.7	3939.5	3955.1	3966.9	3962.9	3966.9
27.5°	3325.9	3693.3	3779.2	3794.9	3826.2	3837.9	3853.5	3857.4	3861.3	3873.0	3865.2
30°	3142.2	3540.8	3669.8	3685.5	3736.2	3744.0	3728.5	3736.2	3755.8	3763.7	3771.4
32.5°	2935.0	3314.1	3556.5	3591.6	3638.5	3615.1	3611.2	3623.0	3654.2	3654.2	3662.0
35°	2653.7	3138.3	3451.0	3482.3	3517.4	3490.0	3505.6	3509.6	3529.1	3540.8	3537.0
37.5°	2344.9	2985.9	3341.6	3365.0	3392.3	3357.1	3380.6	3392.3	3408.0	3400.1	3400.1
40°	2071.4	2747.5	3212.6	3228.2	3251.6	3224.3	3247.7	3255.6	3263.4	3255.6	3251.6
42.5°	1868.2	2485.6	3075.7	3095.3	3079.7	3099.2	3107.0	3122.7	3110.9	3095.3	3095.3
45°	1711.8	2415.3	2927.2	2950.7	2927.2	2958.5	2970.2	2970.2	2935.0	2927.2	2923.4
47.5°	1661.0	2274.6	2778.7	2778.7	2767.0	2806.1	2825.7	2798.3	2763.1	2751.4	2751.4
50°	1657.1	2118.2	2575.5	2559.9	2614.6	2661.5	2642.0	2614.6	2587.3	2544.3	2544.3
52.5°	1504.6	1926.7	2313.6	2372.3	2458.3	2485.6	2454.4	2427.0	2380.1	2360.6	2344.9
55°	1395.2	1727.5	2075.2	2192.5	2282.4	2317.6	2258.9	2231.6	2161.2	2149.5	2141.7
57.5°	1371.8	1438.2	1856.4	2004.9	2114.4	2110.4	2075.2	2024.5	1965.8	1954.2	1950.2
60°	1258.4	1039.5	1621.9	1797.8	1911.2	1899.4	1868.2	1821.2	1766.5	1758.7	1750.8
62.5°	1141.2	754.3	1356.1	1555.5	1715.7	1711.8	1684.5	1614.1	1575.0	1555.5	1539.8
65°	969.2	633.1	965.3	1293.6	1524.2	1532.0	1473.4	1422.6	1379.6	1356.1	1352.2
67.5°	738.6	515.9	652.6	1078.7	1340.6	1332.7	1258.4	1235.0	1180.2	1168.5	1145.1
70°	547.1	343.9	453.4	875.5	1160.7	1141.2	1082.5	1055.2	1004.4	977.0	961.4
72.5°	453.4	277.5	332.2	680.0	977.0	953.6	902.8	871.5	828.5	805.1	789.5
75°	367.4	293.1	254.0	504.1	793.3	777.8	730.8	699.6	664.4	633.1	637.1
77.5°	269.7	273.6	203.2	371.3	629.3	605.8	578.4	539.3	523.7	492.4	492.4
80°	203.2	214.9	152.4	254.0	453.4	453.4	429.9	402.6	375.2	359.6	359.6
82.5°	136.8	136.8	113.3	160.2	308.7	297.0	281.4	273.6	257.9	250.1	250.1
85°	62.5	78.2	70.3	97.7	168.0	175.9	175.9	168.0	164.2	156.3	160.2
87.5°	19.5	35.2	43.0	54.7	86.0	89.9	93.8	93.8	93.8	97.7	97.7
90°	3.0	5.3	7.7	8.3	13.0	19.3	22.5	20.0	15.0	11.2	11.2
92.5°	11.8	31.9	52.2	57.2	80.4	111.3	126.8	111.1	79.8	56.3	54.0
95°	28.4	65.3	102.1	111.4	197.8	313.1	370.6	330.7	250.9	191.1	184.3
97.5°	49.2	81.7	114.3	122.4	266.4	458.6	554.6	529.4	479.0	441.1	428.2
100°	65.2	94.7	124.1	131.5	291.5	504.6	611.2	613.1	616.7	619.5	604.1
102.5°	78.8	106.3	133.8	140.7	302.9	519.1	627.2	659.3	723.5	771.7	758.5
105°	102.0	125.2	148.5	154.3	311.4	520.7	625.4	697.4	841.5	949.5	942.4
107.5°	125.6	147.3	169.1	174.5	313.0	497.5	589.8	690.3	891.2	1042.0	1043.7
110°	141.6	161.2	180.8	185.8	310.6	477.0	560.2	672.6	897.2	1065.7	1073.1



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	157.4	176.0	194.7	199.4	310.7	459.1	533.3	648.3	878.1	1050.6	1061.9
115°	181.0	198.3	215.5	219.9	313.5	438.5	501.0	611.7	833.2	999.3	1015.0
117.5°	204.4	220.1	235.8	239.7	319.4	425.7	478.8	578.8	778.6	928.5	946.0
120°	218.0	232.8	247.6	251.2	324.1	421.2	469.8	561.1	743.8	880.8	897.8
122.5°	231.4	246.3	261.1	264.8	330.9	419.0	463.0	545.3	709.7	833.1	849.7
125°	251.8	265.4	279.0	282.4	340.2	417.2	455.6	525.4	665.2	770.0	785.3
127.5°	268.4	282.1	295.8	299.3	349.3	416.1	449.4	509.4	629.4	719.3	732.3
130°	277.3	292.1	306.8	310.5	356.0	416.7	447.1	500.5	607.3	687.3	699.4
132.5°	286.5	301.2	316.0	319.7	361.5	417.2	445.0	492.8	588.4	660.1	670.9
135°	300.1	313.5	327.0	330.3	367.4	416.8	441.4	481.5	561.5	621.6	630.8
137.5°	314.0	327.4	340.6	343.9	376.3	419.3	440.8	474.7	542.3	593.1	600.7
140°	325.6	337.8	350.1	353.2	381.7	419.7	438.8	468.0	526.4	570.3	577.4
142.5°	334.5	345.8	357.1	360.0	386.2	421.2	438.8	464.4	515.8	554.3	560.4
145°	348.2	358.0	367.9	370.3	392.1	421.2	435.8	456.8	498.8	530.3	534.9
147.5°	361.8	371.3	381.0	383.4	400.8	424.2	435.8	452.4	485.4	510.2	514.0
150°	370.6	379.3	388.0	390.2	405.3	425.7	435.8	449.8	477.7	498.6	501.7
152.5°	379.8	386.4	392.9	394.6	408.3	426.6	435.8	447.7	471.6	489.5	491.8
155°	393.4	398.2	403.2	404.4	414.8	428.8	435.8	445.3	464.3	478.5	480.1
157.5°	403.5	408.2	413.0	414.2	421.4	431.0	435.8	443.2	457.9	468.9	470.0
160°	410.4	414.0	417.8	418.7	424.4	432.0	435.8	442.1	454.7	464.2	464.8
162.5°	417.2	419.9	422.7	423.4	427.5	433.1	435.8	441.1	451.8	459.8	460.4
165°	424.6	427.0	429.6	430.2	432.1	434.5	435.8	439.7	447.2	453.0	453.6
167.5°	431.4	432.6	433.7	434.0	435.6	437.7	438.8	441.2	446.3	450.0	450.3
170°	435.8	437.0	438.2	438.5	438.6	438.7	438.8	441.2	446.3	450.0	450.0
172.5°	438.2	438.5	438.7	438.8	438.8	438.8	438.8	440.7	444.7	447.6	447.4
175°	441.4	441.4	441.4	441.4	440.5	439.4	438.8	440.1	442.5	444.4	444.4
177.5°	441.4	441.4	441.4	441.4	440.7	439.9	439.4	440.3	442.3	443.8	443.5
180°	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9
2.5°	4236.5	4224.8	4236.5	4228.7	4232.6	4220.9	4185.7	4173.9	4185.7	4197.4	4197.4
5°	4287.3	4279.5	4287.3	4287.3	4283.4	4275.6	4236.5	4228.7	4236.5	4240.4	4232.6
7.5°	4302.9	4291.3	4302.9	4295.1	4295.1	4287.3	4248.3	4240.4	4244.3	4256.1	4244.3
10°	4302.9	4291.3	4302.9	4299.1	4295.1	4287.3	4248.3	4232.6	4232.6	4244.3	4232.6
12.5°	4283.4	4275.6	4283.4	4275.6	4275.6	4267.8	4228.7	4213.1	4216.9	4220.9	4205.3
15°	4252.1	4240.4	4252.1	4244.3	4248.3	4236.5	4193.6	4177.9	4177.9	4185.7	4158.4
17.5°	4205.3	4189.6	4205.3	4201.3	4197.4	4189.6	4150.6	4134.9	4130.9	4134.9	4115.4
20°	4150.6	4138.8	4150.6	4146.6	4146.6	4130.9	4091.9	4072.4	4072.4	4072.4	4052.9
22.5°	4064.6	4052.9	4064.6	4072.4	4072.4	4068.4	4033.2	4005.9	3998.1	3998.1	3974.7
25°	3966.9	3955.1	3966.9	3966.9	3962.9	3966.9	3955.1	3939.5	3927.7	3916.0	3892.6
27.5°	3873.0	3865.2	3873.0	3865.2	3873.0	3861.3	3857.4	3853.5	3837.9	3826.2	3794.9
30°	3779.2	3771.4	3779.2	3771.4	3763.7	3755.8	3736.2	3728.5	3744.0	3736.2	3685.5
32.5°	3662.0	3654.2	3662.0	3662.0	3654.2	3654.2	3623.0	3611.2	3615.1	3638.5	3591.6
35°	3540.8	3529.1	3540.8	3537.0	3540.8	3529.1	3509.6	3505.6	3490.0	3517.4	3482.3
37.5°	3400.1	3388.4	3400.1	3400.1	3400.1	3408.0	3392.3	3380.6	3357.1	3392.3	3365.0
40°	3255.6	3239.9	3255.6	3251.6	3255.6	3263.4	3255.6	3247.7	3224.3	3251.6	3228.2
42.5°	3091.4	3087.5	3091.4	3095.3	3095.3	3110.9	3122.7	3107.0	3099.2	3079.7	3095.3
45°	2915.5	2907.7	2915.5	2923.4	2927.2	2935.0	2970.2	2970.2	2958.5	2927.2	2950.7
47.5°	2728.0	2708.4	2728.0	2751.4	2751.4	2763.1	2798.3	2825.7	2806.1	2767.0	2778.7
50°	2528.6	2532.5	2528.6	2544.3	2544.3	2587.3	2614.6	2642.0	2661.5	2614.6	2559.9
52.5°	2333.2	2329.3	2333.2	2344.9	2360.6	2380.1	2427.0	2454.4	2485.6	2458.3	2372.3
55°	2137.7	2145.6	2137.7	2141.7	2149.5	2161.2	2231.6	2258.9	2317.6	2282.4	2192.5
57.5°	1942.4	1930.7	1942.4	1950.2	1954.2	1965.8	2024.5	2075.2	2110.4	2114.4	2004.9
60°	1715.7	1700.1	1715.7	1750.8	1758.7	1766.5	1821.2	1868.2	1899.4	1911.2	1797.8
62.5°	1516.4	1489.1	1516.4	1539.8	1555.5	1575.0	1614.1	1684.5	1711.8	1715.7	1555.5
65°	1305.4	1293.6	1305.4	1352.2	1356.1	1379.6	1422.6	1473.4	1532.0	1524.2	1293.6
67.5°	1113.9	1113.9	1113.9	1145.1	1168.5	1180.2	1235.0	1258.4	1332.7	1340.6	1078.7
70°	938.0	934.0	938.0	961.4	977.0	1004.4	1055.2	1082.5	1141.2	1160.7	875.5
72.5°	770.0	766.0	770.0	789.5	805.1	828.5	871.5	902.8	953.6	977.0	680.0
75°	621.4	613.6	621.4	637.1	633.1	664.4	699.6	730.8	777.8	793.3	504.1
77.5°	476.8	476.8	476.8	492.4	492.4	523.7	539.3	578.4	605.8	629.3	371.3
80°	355.7	351.7	355.7	359.6	359.6	375.2	402.6	429.9	453.4	453.4	254.0
82.5°	250.1	242.3	250.1	250.1	250.1	257.9	273.6	281.4	297.0	308.7	160.2
85°	156.3	156.3	156.3	160.2	156.3	164.2	168.0	175.9	175.9	168.0	97.7
87.5°	101.7	97.7	101.7	97.7	97.7	93.8	93.8	93.8	89.9	86.0	54.7
90°	11.2	11.2	11.2	11.2	11.2	15.0	20.0	22.5	19.3	13.0	8.3
92.5°	45.2	36.2	45.2	54.0	56.3	79.8	111.1	126.8	111.3	80.4	57.2
95°	157.2	130.1	157.2	184.3	191.1	250.9	330.7	370.6	313.1	197.8	111.4
97.5°	376.7	325.0	376.7	428.2	441.1	479.0	529.4	554.6	458.6	266.4	122.4
100°	542.7	481.2	542.7	604.1	619.5	616.7	613.1	611.2	504.6	291.5	131.5
102.5°	705.9	653.2	705.9	758.5	771.7	723.5	659.3	627.2	519.1	302.9	140.7
105°	914.1	885.8	914.1	942.4	949.5	841.5	697.4	625.4	520.7	311.4	154.3
107.5°	1050.6	1057.4	1050.6	1043.7	1042.0	891.2	690.3	589.8	497.5	313.0	174.5
110°	1102.5	1132.0	1102.5	1073.1	1065.7	897.2	672.6	560.2	477.0	310.6	185.8



TEST NUMBER: P934078

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1107.2	1152.4	1107.2	1061.9	1050.6	878.1	648.3	533.3	459.1	310.7	199.4
115°	1077.8	1140.6	1077.8	1015.0	999.3	833.2	611.7	501.0	438.5	313.5	219.9
117.5°	1015.6	1085.2	1015.6	946.0	928.5	778.6	578.8	478.8	425.7	319.4	239.7
120°	965.4	1033.0	965.4	897.8	880.8	743.8	561.1	469.8	421.2	324.1	251.2
122.5°	916.6	983.3	916.6	849.7	833.1	709.7	545.3	463.0	419.0	330.9	264.8
125°	846.8	908.3	846.8	785.3	770.0	665.2	525.4	455.6	417.2	340.2	282.4
127.5°	784.2	836.0	784.2	732.3	719.3	629.4	509.4	449.4	416.1	349.3	299.3
130°	747.3	795.2	747.3	699.4	687.3	607.3	500.5	447.1	416.7	356.0	310.5
132.5°	713.8	756.7	713.8	670.9	660.1	588.4	492.8	445.0	417.2	361.5	319.7
135°	667.8	704.8	667.8	630.8	621.6	561.5	481.5	441.4	416.8	367.4	330.3
137.5°	630.9	661.3	630.9	600.7	593.1	542.3	474.7	440.8	419.3	376.3	343.9
140°	605.7	634.0	605.7	577.4	570.3	526.4	468.0	438.8	419.7	381.7	353.2
142.5°	584.8	609.2	584.8	560.4	554.3	515.8	464.4	438.8	421.2	386.2	360.0
145°	553.3	571.8	553.3	534.9	530.3	498.8	456.8	435.8	421.2	392.1	370.3
147.5°	529.3	544.6	529.3	514.0	510.2	485.4	452.4	435.8	424.2	400.8	383.4
150°	514.1	526.4	514.1	501.7	498.6	477.7	449.8	435.8	425.7	405.3	390.2
152.5°	501.1	510.5	501.1	491.8	489.5	471.6	447.7	435.8	426.6	408.3	394.6
155°	486.2	492.4	486.2	480.1	478.5	464.3	445.3	435.8	428.8	414.8	404.4
157.5°	474.5	478.8	474.5	470.0	468.9	457.9	443.2	435.8	431.0	421.4	414.2
160°	467.4	469.8	467.4	464.8	464.2	454.7	442.1	435.8	432.0	424.4	418.7
162.5°	462.7	465.1	462.7	460.4	459.8	451.8	441.1	435.8	433.1	427.5	423.4
165°	456.1	458.6	456.1	453.6	453.0	447.2	439.7	435.8	434.5	432.1	430.2
167.5°	451.3	452.4	451.3	450.3	450.0	446.3	441.2	438.8	437.7	435.6	434.0
170°	450.0	450.0	450.0	450.0	450.0	446.3	441.2	438.8	438.7	438.6	438.5
172.5°	446.5	445.6	446.5	447.4	447.6	444.7	440.7	438.8	438.8	438.8	438.8
175°	444.4	444.4	444.4	444.4	444.4	442.5	440.1	438.8	439.4	440.5	441.4
177.5°	442.5	441.4	442.5	443.5	443.8	442.3	440.3	439.4	439.9	440.7	441.4
180°	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4



TEST NUMBER: P934078

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9
2.5°	4189.6	4166.1	4166.1	4127.1	4111.4	4099.7	4080.2	4021.6	4005.9	3990.2	4013.7
5°	4224.8	4181.8	4150.6	4080.2	4021.6	3998.1	3923.9	3783.2	3689.3	3619.0	3580.0
7.5°	4232.6	4177.9	4119.2	4009.9	3869.2	3806.7	3580.0	3322.0	3251.6	3189.1	3150.0
10°	4224.8	4162.3	4080.2	3916.0	3583.8	3474.4	3247.7	3079.7	3036.7	3024.9	3036.7
12.5°	4197.4	4138.8	4025.4	3751.9	3286.8	3212.6	3079.7	2982.0	2974.2	2993.7	3099.2
15°	4150.6	4095.8	3962.9	3533.0	3122.7	3067.9	2974.2	2939.0	2982.0	3118.7	3435.3
17.5°	4103.6	4041.1	3877.0	3318.1	2997.6	2958.5	2892.0	2962.4	3204.7	3388.4	3494.0
20°	4041.1	3966.9	3779.2	3161.7	2907.7	2872.5	2841.3	3157.9	3341.6	3408.0	3466.6
22.5°	3966.9	3888.7	3646.3	3052.4	2813.9	2786.5	2806.1	3267.3	3341.6	3388.4	3439.3
25°	3869.2	3802.7	3490.0	2966.4	2739.7	2708.4	2782.7	3255.6	3298.6	3310.3	3411.9
27.5°	3779.2	3693.3	3325.9	2888.2	2649.8	2638.0	2802.2	3204.7	3236.1	3247.7	3357.1
30°	3669.8	3540.8	3142.2	2806.1	2556.0	2552.1	2806.1	3142.2	3134.4	3165.7	3275.1
32.5°	3556.5	3314.1	2935.0	2704.5	2466.1	2462.1	2778.7	3048.4	3040.6	3083.6	3165.7
35°	3451.0	3138.3	2653.7	2587.3	2352.8	2356.6	2712.3	2939.0	2942.9	2982.0	3032.7
37.5°	3341.6	2985.9	2344.9	2458.3	2243.3	2243.3	2622.4	2837.4	2829.5	2841.3	2911.7
40°	3212.6	2747.5	2071.4	2290.2	2141.7	2130.0	2513.0	2728.0	2700.6	2696.7	2794.4
42.5°	3075.7	2485.6	1868.2	2067.4	2024.5	2008.8	2380.1	2595.1	2544.3	2556.0	2681.0
45°	2927.2	2415.3	1711.8	1747.0	1903.3	1891.5	2235.5	2442.6	2407.4	2438.8	2567.7
47.5°	2778.7	2274.6	1661.0	1449.9	1774.3	1770.5	2075.2	2294.1	2274.6	2305.9	2442.6
50°	2575.5	2118.2	1657.1	1242.9	1629.8	1645.3	1883.8	2149.5	2149.5	2176.9	2321.4
52.5°	2313.6	1926.7	1504.6	1125.5	1461.6	1508.6	1715.7	2024.5	2032.2	2059.7	2188.6
55°	2075.2	1727.5	1395.2	1035.7	1262.4	1363.9	1551.6	1895.5	1911.2	1938.5	2055.7
57.5°	1856.4	1438.2	1371.8	930.2	1078.7	1176.4	1406.9	1770.5	1778.3	1801.7	1915.0
60°	1621.9	1039.5	1258.4	816.8	918.5	992.7	1274.1	1621.9	1649.3	1664.9	1762.6
62.5°	1356.1	754.3	1141.2	738.6	840.3	855.9	1164.7	1481.2	1516.4	1528.1	1586.8
65°	965.3	633.1	969.2	672.3	758.2	762.1	1047.4	1336.6	1367.9	1387.4	1430.4
67.5°	652.6	515.9	738.6	609.6	695.6	699.6	934.0	1168.5	1211.5	1227.2	1254.6
70°	453.4	343.9	547.1	543.3	625.3	633.1	813.0	1016.2	1055.2	1067.0	1082.5
72.5°	332.2	277.5	453.4	488.6	551.1	558.9	687.8	844.2	883.3	895.0	902.8
75°	254.0	293.1	367.4	426.0	468.9	472.9	562.8	687.8	715.2	723.0	726.9
77.5°	203.2	273.6	269.7	343.9	383.0	375.2	441.6	531.6	554.9	554.9	554.9
80°	152.4	214.9	203.2	246.2	281.4	273.6	316.6	379.1	386.9	394.7	390.9
82.5°	113.3	136.8	136.8	156.3	187.6	179.7	211.0	246.2	246.2	246.2	254.0
85°	70.3	78.2	62.5	82.0	105.5	101.7	117.2	132.9	136.8	136.8	129.0
87.5°	43.0	35.2	19.5	31.3	46.9	46.9	54.7	58.7	54.7	54.7	54.7
90°	7.7	5.3	3.0	5.3	7.7	8.3	13.0	19.3	22.5	20.0	15.0
92.5°	52.2	31.9	11.8	31.9	52.2	57.2	80.4	111.3	126.8	111.1	79.8
95°	102.1	65.3	28.4	65.3	102.1	111.4	197.8	313.1	370.6	330.7	250.9
97.5°	114.3	81.7	49.2	81.7	114.3	122.4	266.4	458.6	554.6	529.4	479.0
100°	124.1	94.7	65.2	94.7	124.1	131.5	291.5	504.6	611.2	613.1	616.7
102.5°	133.8	106.3	78.8	106.3	133.8	140.7	302.9	519.1	627.2	659.3	723.5
105°	148.5	125.2	102.0	125.2	148.5	154.3	311.4	520.7	625.4	697.4	841.5
107.5°	169.1	147.3	125.6	147.3	169.1	174.5	313.0	497.5	589.8	690.3	891.2
110°	180.8	161.2	141.6	161.2	180.8	185.8	310.6	477.0	560.2	672.6	897.2



TEST NUMBER: P934078

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	194.7	176.0	157.4	176.0	194.7	199.4	310.7	459.1	533.3	648.3	878.1
115°	215.5	198.3	181.0	198.3	215.5	219.9	313.5	438.5	501.0	611.7	833.2
117.5°	235.8	220.1	204.4	220.1	235.8	239.7	319.4	425.7	478.8	578.8	778.6
120°	247.6	232.8	218.0	232.8	247.6	251.2	324.1	421.2	469.8	561.1	743.8
122.5°	261.1	246.3	231.4	246.3	261.1	264.8	330.9	419.0	463.0	545.3	709.7
125°	279.0	265.4	251.8	265.4	279.0	282.4	340.2	417.2	455.6	525.4	665.2
127.5°	295.8	282.1	268.4	282.1	295.8	299.3	349.3	416.1	449.4	509.4	629.4
130°	306.8	292.1	277.3	292.1	306.8	310.5	356.0	416.7	447.1	500.5	607.3
132.5°	316.0	301.2	286.5	301.2	316.0	319.7	361.5	417.2	445.0	492.8	588.4
135°	327.0	313.5	300.1	313.5	327.0	330.3	367.4	416.8	441.4	481.5	561.5
137.5°	340.6	327.4	314.0	327.4	340.6	343.9	376.3	419.3	440.8	474.7	542.3
140°	350.1	337.8	325.6	337.8	350.1	353.2	381.7	419.7	438.8	468.0	526.4
142.5°	357.1	345.8	334.5	345.8	357.1	360.0	386.2	421.2	438.8	464.4	515.8
145°	367.9	358.0	348.2	358.0	367.9	370.3	392.1	421.2	435.8	456.8	498.8
147.5°	381.0	371.3	361.8	371.3	381.0	383.4	400.8	424.2	435.8	452.4	485.4
150°	388.0	379.3	370.6	379.3	388.0	390.2	405.3	425.7	435.8	449.8	477.7
152.5°	392.9	386.4	379.8	386.4	392.9	394.6	408.3	426.6	435.8	447.7	471.6
155°	403.2	398.2	393.4	398.2	403.2	404.4	414.8	428.8	435.8	445.3	464.3
157.5°	413.0	408.2	403.5	408.2	413.0	414.2	421.4	431.0	435.8	443.2	457.9
160°	417.8	414.0	410.4	414.0	417.8	418.7	424.4	432.0	435.8	442.1	454.7
162.5°	422.7	419.9	417.2	419.9	422.7	423.4	427.5	433.1	435.8	441.1	451.8
165°	429.6	427.0	424.6	427.0	429.6	430.2	432.1	434.5	435.8	439.7	447.2
167.5°	433.7	432.6	431.4	432.6	433.7	434.0	435.6	437.7	438.8	441.2	446.3
170°	438.2	437.0	435.8	437.0	438.2	438.5	438.6	438.7	438.8	441.2	446.3
172.5°	438.7	438.5	438.2	438.5	438.7	438.8	438.8	438.8	438.8	440.7	444.7
175°	441.4	441.4	441.4	441.4	441.4	441.4	440.5	439.4	438.8	440.1	442.5
177.5°	441.4	441.4	441.4	441.4	441.4	441.4	440.7	439.9	439.4	440.3	442.3
180°	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4



TEST NUMBER: P934078
 CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9
2.5°	3986.4	3974.7	3990.2	3947.3	3990.2	3974.7	3986.4	4013.7	3990.2	4005.9	4021.6
5°	3497.8	3478.3	3415.8	3365.0	3415.8	3478.3	3497.8	3580.0	3619.0	3689.3	3783.2
7.5°	3126.6	3110.9	3095.3	3064.0	3095.3	3110.9	3126.6	3150.0	3189.1	3251.6	3322.0
10°	3044.5	3048.4	3071.9	3067.9	3071.9	3048.4	3044.5	3036.7	3024.9	3036.7	3079.7
12.5°	3255.6	3290.7	3419.6	3411.9	3419.6	3290.7	3255.6	3099.2	2993.7	2974.2	2982.0
15°	3497.8	3509.6	3537.0	3540.8	3537.0	3509.6	3497.8	3435.3	3118.7	2982.0	2939.0
17.5°	3521.3	3525.2	3544.8	3544.8	3544.8	3525.2	3521.3	3494.0	3388.4	3204.7	2962.4
20°	3501.8	3509.6	3548.6	3556.5	3548.6	3509.6	3501.8	3466.6	3408.0	3341.6	3157.9
22.5°	3494.0	3509.6	3540.8	3537.0	3540.8	3509.6	3494.0	3439.3	3388.4	3341.6	3267.3
25°	3454.8	3454.8	3458.8	3462.6	3458.8	3454.8	3454.8	3411.9	3310.3	3298.6	3255.6
27.5°	3372.8	3380.6	3404.1	3400.1	3404.1	3380.6	3372.8	3357.1	3247.7	3236.1	3204.7
30°	3298.6	3290.7	3271.2	3255.6	3271.2	3290.7	3298.6	3275.1	3165.7	3134.4	3142.2
32.5°	3173.4	3153.9	3134.4	3122.7	3134.4	3153.9	3173.4	3165.7	3083.6	3040.6	3048.4
35°	3024.9	3028.9	3024.9	3013.2	3024.9	3028.9	3024.9	3032.7	2982.0	2942.9	2939.0
37.5°	2919.4	2927.2	2923.4	2907.7	2923.4	2927.2	2919.4	2911.7	2841.3	2829.5	2837.4
40°	2810.0	2813.9	2810.0	2798.3	2810.0	2813.9	2810.0	2794.4	2696.7	2700.6	2728.0
42.5°	2704.5	2700.6	2688.8	2681.0	2688.8	2700.6	2704.5	2681.0	2556.0	2544.3	2595.1
45°	2583.3	2587.3	2563.8	2552.1	2563.8	2587.3	2583.3	2567.7	2438.8	2407.4	2442.6
47.5°	2462.1	2462.1	2442.6	2430.9	2442.6	2462.1	2462.1	2442.6	2305.9	2274.6	2294.1
50°	2333.2	2329.3	2301.9	2298.1	2301.9	2329.3	2333.2	2321.4	2176.9	2149.5	2149.5
52.5°	2184.7	2184.7	2188.6	2196.4	2188.6	2184.7	2184.7	2188.6	2059.7	2032.2	2024.5
55°	2055.7	2059.7	2087.0	2094.8	2087.0	2059.7	2055.7	2055.7	1938.5	1911.2	1895.5
57.5°	1922.8	1922.8	1942.4	1942.4	1942.4	1922.8	1922.8	1915.0	1801.7	1778.3	1770.5
60°	1770.5	1778.3	1793.8	1790.0	1793.8	1778.3	1770.5	1762.6	1664.9	1649.3	1621.9
62.5°	1610.1	1618.0	1621.9	1614.1	1621.9	1618.0	1610.1	1586.8	1528.1	1516.4	1481.2
65°	1442.1	1449.9	1453.9	1446.1	1453.9	1449.9	1442.1	1430.4	1387.4	1367.9	1336.6
67.5°	1270.2	1266.2	1262.4	1278.0	1262.4	1266.2	1270.2	1254.6	1227.2	1211.5	1168.5
70°	1094.3	1094.3	1090.4	1098.2	1090.4	1094.3	1094.3	1082.5	1067.0	1055.2	1016.2
72.5°	906.7	902.8	918.5	906.7	918.5	902.8	906.7	902.8	895.0	883.3	844.2
75°	723.0	730.8	723.0	734.8	723.0	730.8	723.0	726.9	723.0	715.2	687.8
77.5°	551.1	558.9	551.1	551.1	551.1	558.9	551.1	554.9	554.9	554.9	531.6
80°	390.9	386.9	386.9	383.0	386.9	386.9	390.9	390.9	394.7	386.9	379.1
82.5°	250.1	246.2	246.2	254.0	246.2	246.2	250.1	254.0	246.2	246.2	246.2
85°	136.8	140.7	132.9	132.9	132.9	140.7	136.8	129.0	136.8	136.8	132.9
87.5°	50.8	46.9	46.9	46.9	46.9	46.9	50.8	54.7	54.7	54.7	58.7
90°	11.2	11.2	11.2	11.2	11.2	11.2	11.2	15.0	20.0	22.5	19.3
92.5°	56.3	54.0	45.2	36.2	45.2	54.0	56.3	79.8	111.1	126.8	111.3
95°	191.1	184.3	157.2	130.1	157.2	184.3	191.1	250.9	330.7	370.6	313.1
97.5°	441.1	428.2	376.7	325.0	376.7	428.2	441.1	479.0	529.4	554.6	458.6
100°	619.5	604.1	542.7	481.2	542.7	604.1	619.5	616.7	613.1	611.2	504.6
102.5°	771.7	758.5	705.9	653.2	705.9	758.5	771.7	723.5	659.3	627.2	519.1
105°	949.5	942.4	914.1	885.8	914.1	942.4	949.5	841.5	697.4	625.4	520.7
107.5°	1042.0	1043.7	1050.6	1057.4	1050.6	1043.7	1042.0	891.2	690.3	589.8	497.5
110°	1065.7	1073.1	1102.5	1132.0	1102.5	1073.1	1065.7	897.2	672.6	560.2	477.0



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1050.6	1061.9	1107.2	1152.4	1107.2	1061.9	1050.6	878.1	648.3	533.3	459.1
115°	999.3	1015.0	1077.8	1140.6	1077.8	1015.0	999.3	833.2	611.7	501.0	438.5
117.5°	928.5	946.0	1015.6	1085.2	1015.6	946.0	928.5	778.6	578.8	478.8	425.7
120°	880.8	897.8	965.4	1033.0	965.4	897.8	880.8	743.8	561.1	469.8	421.2
122.5°	833.1	849.7	916.6	983.3	916.6	849.7	833.1	709.7	545.3	463.0	419.0
125°	770.0	785.3	846.8	908.3	846.8	785.3	770.0	665.2	525.4	455.6	417.2
127.5°	719.3	732.3	784.2	836.0	784.2	732.3	719.3	629.4	509.4	449.4	416.1
130°	687.3	699.4	747.3	795.2	747.3	699.4	687.3	607.3	500.5	447.1	416.7
132.5°	660.1	670.9	713.8	756.7	713.8	670.9	660.1	588.4	492.8	445.0	417.2
135°	621.6	630.8	667.8	704.8	667.8	630.8	621.6	561.5	481.5	441.4	416.8
137.5°	593.1	600.7	630.9	661.3	630.9	600.7	593.1	542.3	474.7	440.8	419.3
140°	570.3	577.4	605.7	634.0	605.7	577.4	570.3	526.4	468.0	438.8	419.7
142.5°	554.3	560.4	584.8	609.2	584.8	560.4	554.3	515.8	464.4	438.8	421.2
145°	530.3	534.9	553.3	571.8	553.3	534.9	530.3	498.8	456.8	435.8	421.2
147.5°	510.2	514.0	529.3	544.6	529.3	514.0	510.2	485.4	452.4	435.8	424.2
150°	498.6	501.7	514.1	526.4	514.1	501.7	498.6	477.7	449.8	435.8	425.7
152.5°	489.5	491.8	501.1	510.5	501.1	491.8	489.5	471.6	447.7	435.8	426.6
155°	478.5	480.1	486.2	492.4	486.2	480.1	478.5	464.3	445.3	435.8	428.8
157.5°	468.9	470.0	474.5	478.8	474.5	470.0	468.9	457.9	443.2	435.8	431.0
160°	464.2	464.8	467.4	469.8	467.4	464.8	464.2	454.7	442.1	435.8	432.0
162.5°	459.8	460.4	462.7	465.1	462.7	460.4	459.8	451.8	441.1	435.8	433.1
165°	453.0	453.6	456.1	458.6	456.1	453.6	453.0	447.2	439.7	435.8	434.5
167.5°	450.0	450.3	451.3	452.4	451.3	450.3	450.0	446.3	441.2	438.8	437.7
170°	450.0	450.0	450.0	450.0	450.0	450.0	450.0	446.3	441.2	438.8	438.7
172.5°	447.6	447.4	446.5	445.6	446.5	447.4	447.6	444.7	440.7	438.8	438.8
175°	444.4	444.4	444.4	444.4	444.4	444.4	444.4	442.5	440.1	438.8	439.4
177.5°	443.8	443.5	442.5	441.4	442.5	443.5	443.8	442.3	440.3	439.4	439.9
180°	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	4130.9	4130.9	4130.9	4130.9	4130.9
2.5°	4080.2	4099.7	4111.4	4127.1	4166.1
5°	3923.9	3998.1	4021.6	4080.2	4150.6
7.5°	3580.0	3806.7	3869.2	4009.9	4119.2
10°	3247.7	3474.4	3583.8	3916.0	4080.2
12.5°	3079.7	3212.6	3286.8	3751.9	4025.4
15°	2974.2	3067.9	3122.7	3533.0	3962.9
17.5°	2892.0	2958.5	2997.6	3318.1	3877.0
20°	2841.3	2872.5	2907.7	3161.7	3779.2
22.5°	2806.1	2786.5	2813.9	3052.4	3646.3
25°	2782.7	2708.4	2739.7	2966.4	3490.0
27.5°	2802.2	2638.0	2649.8	2888.2	3325.9
30°	2806.1	2552.1	2556.0	2806.1	3142.2
32.5°	2778.7	2462.1	2466.1	2704.5	2935.0
35°	2712.3	2356.6	2352.8	2587.3	2653.7
37.5°	2622.4	2243.3	2243.3	2458.3	2344.9
40°	2513.0	2130.0	2141.7	2290.2	2071.4
42.5°	2380.1	2008.8	2024.5	2067.4	1868.2
45°	2235.5	1891.5	1903.3	1747.0	1711.8
47.5°	2075.2	1770.5	1774.3	1449.9	1661.0
50°	1883.8	1645.3	1629.8	1242.9	1657.1
52.5°	1715.7	1508.6	1461.6	1125.5	1504.6
55°	1551.6	1363.9	1262.4	1035.7	1395.2
57.5°	1406.9	1176.4	1078.7	930.2	1371.8
60°	1274.1	992.7	918.5	816.8	1258.4
62.5°	1164.7	855.9	840.3	738.6	1141.2
65°	1047.4	762.1	758.2	672.3	969.2
67.5°	934.0	699.6	695.6	609.6	738.6
70°	813.0	633.1	625.3	543.3	547.1
72.5°	687.8	558.9	551.1	488.6	453.4
75°	562.8	472.9	468.9	426.0	367.4
77.5°	441.6	375.2	383.0	343.9	269.7
80°	316.6	273.6	281.4	246.2	203.2
82.5°	211.0	179.7	187.6	156.3	136.8
85°	117.2	101.7	105.5	82.0	62.5
87.5°	54.7	46.9	46.9	31.3	19.5
90°	13.0	8.3	7.7	5.3	3.0
92.5°	80.4	57.2	52.2	31.9	11.8
95°	197.8	111.4	102.1	65.3	28.4
97.5°	266.4	122.4	114.3	81.7	49.2
100°	291.5	131.5	124.1	94.7	65.2
102.5°	302.9	140.7	133.8	106.3	78.8
105°	311.4	154.3	148.5	125.2	102.0
107.5°	313.0	174.5	169.1	147.3	125.6
110°	310.6	185.8	180.8	161.2	141.6



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CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	310.7	199.4	194.7	176.0	157.4
115°	313.5	219.9	215.5	198.3	181.0
117.5°	319.4	239.7	235.8	220.1	204.4
120°	324.1	251.2	247.6	232.8	218.0
122.5°	330.9	264.8	261.1	246.3	231.4
125°	340.2	282.4	279.0	265.4	251.8
127.5°	349.3	299.3	295.8	282.1	268.4
130°	356.0	310.5	306.8	292.1	277.3
132.5°	361.5	319.7	316.0	301.2	286.5
135°	367.4	330.3	327.0	313.5	300.1
137.5°	376.3	343.9	340.6	327.4	314.0
140°	381.7	353.2	350.1	337.8	325.6
142.5°	386.2	360.0	357.1	345.8	334.5
145°	392.1	370.3	367.9	358.0	348.2
147.5°	400.8	383.4	381.0	371.3	361.8
150°	405.3	390.2	388.0	379.3	370.6
152.5°	408.3	394.6	392.9	386.4	379.8
155°	414.8	404.4	403.2	398.2	393.4
157.5°	421.4	414.2	413.0	408.2	403.5
160°	424.4	418.7	417.8	414.0	410.4
162.5°	427.5	423.4	422.7	419.9	417.2
165°	432.1	430.2	429.6	427.0	424.6
167.5°	435.6	434.0	433.7	432.6	431.4
170°	438.6	438.5	438.2	437.0	435.8
172.5°	438.8	438.8	438.7	438.5	438.2
175°	440.5	441.4	441.4	441.4	441.4
177.5°	440.7	441.4	441.4	441.4	441.4
180°	441.4	441.4	441.4	441.4	441.4



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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	16.00	17.20	16.66	17.88	18.66	18.85	20.05	19.51	20.73	21.51
	3H	16.50	17.58	17.18	18.27	19.09	20.23	21.30	20.90	21.99	22.81
	4H	16.71	17.72	17.40	18.42	19.26	20.69	21.71	21.39	22.41	23.24
	6H	16.84	17.78	17.55	18.49	19.34	21.00	21.94	21.71	22.65	23.49
	8H	16.85	17.75	17.57	18.48	19.33	21.08	21.98	21.80	22.71	23.56
	12H	16.83	17.69	17.56	18.41	19.29	21.14	21.99	21.86	22.71	23.59
4H	2H	17.08	18.09	17.77	18.79	19.63	19.30	20.31	20.00	21.01	21.85
	3H	18.13	18.98	18.84	19.72	20.57	20.84	21.69	21.55	22.42	23.28
	4H	18.42	19.19	19.15	19.93	20.81	21.39	22.16	22.11	22.89	23.78
	6H	18.57	19.23	19.31	20.00	20.89	21.78	22.44	22.52	23.21	24.10
	8H	18.58	19.20	19.33	19.96	20.87	21.89	22.52	22.65	23.28	24.18
	12H	18.56	19.12	19.34	19.91	20.82	21.97	22.53	22.74	23.31	24.22
8H	4H	18.91	19.53	19.66	20.29	21.19	21.54	22.16	22.29	22.92	23.82
	6H	19.18	19.70	19.96	20.50	21.41	21.99	22.51	22.77	23.31	24.22
	8H	19.23	19.69	20.02	20.49	21.41	22.15	22.61	22.95	23.42	24.34
	12H	19.23	19.63	20.02	20.43	21.41	22.27	22.68	23.06	23.47	24.45
12H	4H	18.93	19.49	19.70	20.27	21.18	21.52	22.08	22.29	22.86	23.77
	6H	19.25	19.71	20.04	20.51	21.43	21.99	22.45	22.79	23.26	24.18
	8H	19.33	19.74	20.12	20.53	21.51	22.17	22.58	22.97	23.37	24.35