

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: P934148

Luminaire Tested: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-6500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934148
REPORT IS A COMBINATION OF REPORTS P933688 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-6500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

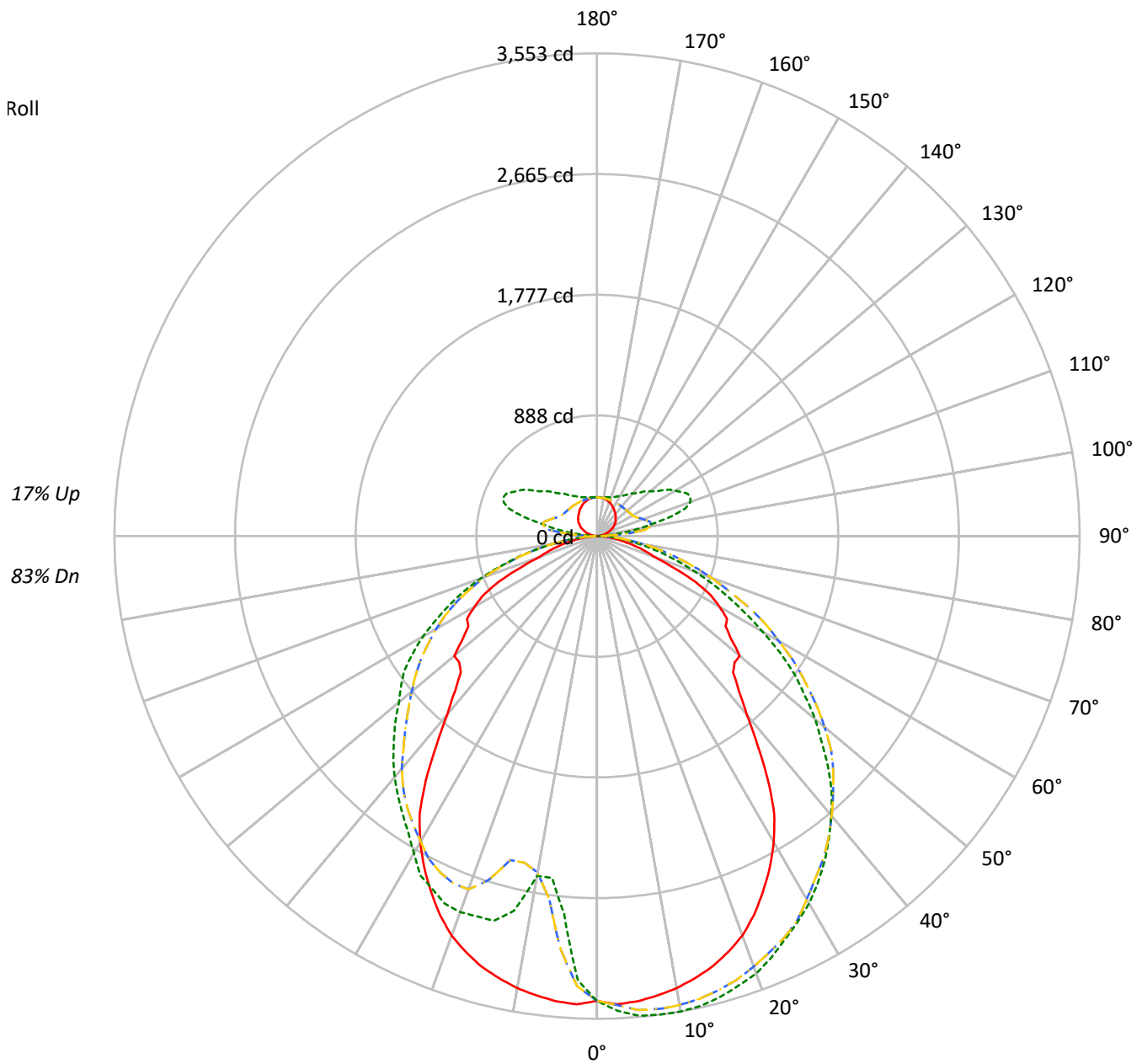
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10719.9 lumens
Efficiency: N/A
Efficacy: 108.1 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): 99.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - · - · 90°-270° - · - · 135°-315°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	115	115	115	115	110	110	110	110	102	102	102	94	94	94	86	86	86	86	86	86	83
1	105	101	97	93	101	97	93	90	89	87	84	83	80	78	76	75	73	73	73	73	70
2	96	88	82	76	92	85	79	74	78	74	70	73	69	66	67	64	62	62	62	62	59
3	88	78	70	64	84	75	68	62	69	63	59	64	60	56	60	56	52	52	52	52	50
4	80	69	60	54	77	66	59	53	62	55	50	57	52	48	53	49	45	45	45	45	43
5	74	61	53	46	70	59	51	45	55	49	43	52	46	41	48	43	39	39	39	39	37
6	68	55	47	40	65	53	45	40	50	43	38	47	41	36	44	39	35	35	35	35	32
7	63	50	42	36	60	48	41	35	45	39	34	42	37	32	40	35	31	31	31	31	29
8	59	46	37	32	56	44	36	31	41	35	30	39	33	29	37	31	28	28	28	28	26
9	55	42	34	28	52	40	33	28	38	32	27	36	30	26	34	29	25	25	25	25	23
10	51	38	31	26	49	37	30	25	35	29	24	33	28	24	31	26	23	23	23	23	21

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15870	15870	15870	15870
5°	15988	16020	15988	12597
10°	15881	15780	15881	11282
15°	15709	15438	15709	12892
20°	15380	15033	15380	12918
25°	14708	14443	14708	12644
30°	13839	13952	13839	12044
35°	12337	13332	12337	11383
40°	10280	12602	10280	10884
45°	9185	11747	9185	10310
50°	9758	10727	9758	9734
55°	9181	9629	9181	9401
60°	9464	8178	9464	8610
65°	8580	6760	8580	7556
70°	5941	5387	5941	6334
75°	5210	3982	5210	4768
80°	4199	2633	4199	2867
85°	2408	1395	2408	1186

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14078 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	308.8	2.9
10°-20°	876.6	8.2
20°-30°	1355.1	12.6
30°-40°	1617.8	15.1
40°-50°	1627.2	15.2
50°-60°	1415.9	13.2
60°-70°	1003.9	9.4
70°-80°	531.1	5.0
80°-90°	133.4	1.2
90°-100°	139.1	1.3
100°-110°	365.7	3.4
110°-120°	379.2	3.5
120°-130°	304.2	2.8
130°-140°	238.7	2.2
140°-150°	183.2	1.7
150°-160°	131.9	1.2
160°-170°	80.7	0.8
170°-180°	27.3	0.3
0°-30°	2540.5	23.7
0°-40°	4158.3	38.8
0°-60°	7201.4	67.2
0°-90°	8869.8	82.7
90°-120°	884.1	8.2
90°-150°	1610.2	15.0
90°-180°	1850.0	17.3
0°-180°	10719.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3420	3420	3420	3420	3420	
5°	3437	3544	3437	2786	3437	326
15°	3281	3511	3281	2932	3281	923
25°	2890	3275	2890	2867	2890	1327
35°	2197	2922	2197	2495	2197	1359
45°	1417	2408	1417	2113	1417	1135
55°	1155	1777	1155	1734	1155	1062
65°	802	1071	802	1197	802	767
75°	304	508	304	608	304	320
85°	52	130	52	110	52	70
90°	2	7	2	7	2	4
95°	18	84	18	84	18	20
105°	66	573	66	573	66	70
115°	117	737	117	737	117	116
125°	163	587	163	587	163	145
135°	194	456	194	456	194	150
145°	225	370	225	370	225	141
155°	254	318	254	318	254	117
165°	274	296	274	296	274	77
175°	285	287	285	287	285	27
180°	285	285	285	285	285	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5
2.5°	3449.6	3449.6	3469.0	3475.5	3475.5	3465.8	3456.1	3465.8	3494.9	3504.6	3501.4
5°	3436.7	3462.6	3498.1	3504.6	3511.0	3507.9	3501.4	3507.9	3540.2	3546.7	3550.0
7.5°	3410.7	3459.3	3504.6	3514.3	3524.0	3514.3	3511.0	3517.5	3550.0	3556.4	3556.4
10°	3378.4	3446.4	3498.1	3504.6	3514.3	3504.6	3504.6	3517.5	3550.0	3556.4	3559.6
12.5°	3333.1	3426.9	3475.5	3482.0	3494.9	3491.6	3488.5	3501.4	3533.7	3540.2	3540.2
15°	3281.4	3391.3	3436.7	3443.2	3465.8	3459.3	3459.3	3472.2	3507.9	3517.5	3514.3
17.5°	3210.1	3346.0	3397.8	3407.5	3423.7	3420.5	3423.7	3436.7	3469.0	3475.5	3478.7
20°	3129.2	3284.5	3346.0	3355.8	3371.9	3371.9	3371.9	3388.1	3420.5	3433.4	3433.4
22.5°	3019.2	3219.9	3284.5	3291.0	3310.4	3310.4	3316.9	3339.6	3368.7	3371.9	3371.9
25°	2889.8	3148.6	3203.6	3223.0	3242.5	3252.2	3262.0	3274.9	3284.5	3281.4	3284.5
27.5°	2753.8	3058.0	3129.2	3142.1	3168.1	3177.8	3190.7	3194.0	3197.2	3206.9	3200.4
30°	2601.8	2931.9	3038.6	3051.6	3093.7	3100.1	3087.2	3093.7	3109.8	3116.3	3122.7
32.5°	2430.3	2744.2	2944.8	2974.0	3012.8	2993.4	2990.1	2999.8	3025.7	3025.7	3032.2
35°	2197.2	2598.6	2857.4	2883.3	2912.4	2889.8	2902.7	2906.0	2922.1	2931.9	2928.6
37.5°	1941.6	2472.3	2766.8	2786.3	2808.9	2779.7	2799.2	2808.9	2821.8	2815.3	2815.3
40°	1715.1	2274.9	2660.0	2672.9	2692.4	2669.7	2689.1	2695.6	2702.1	2695.6	2692.4
42.5°	1546.8	2058.1	2546.7	2562.9	2550.0	2566.1	2572.6	2585.5	2575.9	2562.9	2562.9
45°	1417.4	1999.9	2423.8	2443.2	2423.8	2449.7	2459.4	2459.4	2430.3	2423.8	2420.5
47.5°	1375.3	1883.3	2300.8	2300.8	2291.1	2323.5	2339.6	2317.0	2287.9	2278.1	2278.1
50°	1372.0	1753.9	2132.5	2119.6	2164.9	2203.7	2187.6	2164.9	2142.3	2106.7	2106.7
52.5°	1245.8	1595.3	1915.7	1964.3	2035.4	2058.1	2032.2	2009.5	1970.7	1954.6	1941.6
55°	1155.3	1430.4	1718.4	1815.4	1889.8	1919.0	1870.4	1847.7	1789.5	1779.9	1773.4
57.5°	1135.9	1190.8	1537.1	1660.0	1750.7	1747.4	1718.4	1676.3	1627.7	1618.0	1614.8
60°	1042.0	860.8	1343.0	1488.6	1582.4	1572.7	1546.8	1508.0	1462.7	1456.2	1449.8
62.5°	944.9	624.6	1122.9	1287.9	1420.6	1417.4	1394.7	1336.5	1304.2	1287.9	1275.0
65°	802.5	524.3	799.3	1071.1	1262.1	1268.5	1220.0	1177.9	1142.3	1122.9	1119.7
67.5°	611.6	427.1	540.4	893.2	1109.9	1103.4	1042.0	1022.6	977.3	967.6	948.2
70°	453.0	284.8	375.4	724.9	961.1	944.9	896.3	873.8	831.7	809.0	796.0
72.5°	375.4	229.8	275.1	563.1	809.0	789.6	747.6	721.6	686.1	666.7	653.7
75°	304.2	242.7	210.4	417.5	656.9	644.0	605.2	579.3	550.1	524.3	527.4
77.5°	223.3	226.5	168.3	307.4	521.0	501.6	479.0	446.5	433.6	407.7	407.7
80°	168.3	177.9	126.2	210.4	375.4	375.4	356.0	333.3	310.7	297.8	297.8
82.5°	113.2	113.2	93.8	132.7	255.7	245.9	233.0	226.5	213.6	207.1	207.1
85°	51.7	64.7	58.2	80.9	139.1	145.6	145.6	139.1	135.9	129.5	132.7
87.5°	16.2	29.2	35.6	45.3	71.2	74.4	77.6	77.6	77.6	80.9	80.9
90°	1.9	3.4	5.0	5.4	8.4	12.5	14.5	12.9	9.7	7.3	7.3
92.5°	7.6	20.7	33.8	37.0	52.0	72.0	81.9	71.8	51.6	36.4	35.0
95°	18.4	42.2	66.1	72.0	127.8	202.3	239.6	213.8	162.3	123.5	119.1
97.5°	31.8	52.9	73.8	79.1	172.2	296.4	358.6	342.3	309.7	285.2	276.9
100°	42.2	61.2	80.2	85.0	188.4	326.2	395.1	396.3	398.7	400.5	390.6
102.5°	51.0	68.8	86.5	90.9	195.8	335.6	405.5	426.3	467.8	498.9	490.4
105°	65.9	81.0	96.1	99.8	201.4	336.7	404.4	450.9	544.1	613.9	609.3
107.5°	81.2	95.2	109.3	112.8	202.3	321.7	381.3	446.3	576.2	673.6	674.8
110°	91.6	104.2	116.9	120.1	200.8	308.4	362.2	434.8	580.0	688.9	693.7



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	101.7	113.8	125.8	128.9	200.9	296.8	344.8	419.1	567.7	679.2	686.5
115°	117.0	128.1	139.3	142.1	202.7	283.5	323.9	395.5	538.7	646.1	656.2
117.5°	132.1	142.3	152.4	155.0	206.5	275.2	309.5	374.2	503.3	600.3	611.6
120°	140.9	150.5	160.1	162.5	209.6	272.4	303.8	362.8	480.9	569.4	580.3
122.5°	149.5	159.2	168.9	171.3	214.0	270.9	299.4	352.5	458.9	538.6	549.4
125°	162.8	171.6	180.3	182.5	219.9	269.7	294.6	339.7	430.1	497.8	507.7
127.5°	173.5	182.3	191.2	193.4	225.9	269.0	290.6	329.4	407.0	465.1	473.5
130°	179.3	188.8	198.3	200.7	230.2	269.5	289.1	323.6	392.6	444.3	452.1
132.5°	185.2	194.8	204.2	206.6	233.7	269.7	287.7	318.6	380.4	426.7	433.7
135°	194.0	202.7	211.4	213.6	237.5	269.5	285.4	311.3	363.1	401.9	407.8
137.5°	203.0	211.6	220.2	222.4	243.3	271.1	285.0	306.9	350.6	383.4	388.3
140°	210.5	218.4	226.3	228.3	246.8	271.4	283.7	302.6	340.4	368.7	373.3
142.5°	216.3	223.6	230.9	232.7	249.8	272.4	283.7	300.3	333.5	358.4	362.3
145°	225.1	231.5	237.8	239.4	253.6	272.4	281.8	295.4	322.5	342.9	345.9
147.5°	233.9	240.1	246.3	247.8	259.1	274.2	281.8	292.5	313.8	329.8	332.3
150°	239.6	245.3	250.8	252.2	262.1	275.2	281.8	290.8	308.9	322.3	324.3
152.5°	245.6	249.8	254.1	255.1	264.0	275.9	281.8	289.4	304.8	316.4	317.9
155°	254.3	257.5	260.7	261.4	268.2	277.3	281.8	287.9	300.1	309.3	310.3
157.5°	260.8	263.9	267.0	267.7	272.4	278.6	281.8	286.6	296.0	303.2	303.9
160°	265.2	267.6	270.0	270.6	274.3	279.3	281.8	285.9	294.0	300.1	300.5
162.5°	269.6	271.5	273.2	273.7	276.3	280.0	281.8	285.2	292.1	297.3	297.7
165°	274.5	276.1	277.8	278.2	279.4	281.0	281.8	284.3	289.2	292.9	293.3
167.5°	278.9	279.7	280.5	280.6	281.7	283.0	283.7	285.3	288.6	291.0	291.2
170°	281.8	282.6	283.3	283.5	283.6	283.7	283.7	285.3	288.6	291.0	291.0
172.5°	283.3	283.5	283.7	283.7	283.7	283.7	283.7	284.9	287.5	289.4	289.2
175°	285.4	285.4	285.4	285.4	284.8	284.1	283.7	284.5	286.1	287.3	287.3
177.5°	285.4	285.4	285.4	285.4	284.9	284.4	284.1	284.8	286.0	287.0	286.8
180°	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5
2.5°	3507.9	3498.1	3507.9	3501.4	3504.6	3494.9	3465.8	3456.1	3465.8	3475.5	3475.5
5°	3550.0	3543.5	3550.0	3550.0	3546.7	3540.2	3507.9	3501.4	3507.9	3511.0	3504.6
7.5°	3562.9	3553.1	3562.9	3556.4	3556.4	3550.0	3517.5	3511.0	3514.3	3524.0	3514.3
10°	3562.9	3553.1	3562.9	3559.6	3556.4	3550.0	3517.5	3504.6	3504.6	3514.3	3504.6
12.5°	3546.7	3540.2	3546.7	3540.2	3540.2	3533.7	3501.4	3488.5	3491.6	3494.9	3482.0
15°	3520.8	3511.0	3520.8	3514.3	3517.5	3507.9	3472.2	3459.3	3459.3	3465.8	3443.2
17.5°	3482.0	3469.0	3482.0	3478.7	3475.5	3469.0	3436.7	3423.7	3420.5	3423.7	3407.5
20°	3436.7	3426.9	3436.7	3433.4	3433.4	3420.5	3388.1	3371.9	3371.9	3371.9	3355.8
22.5°	3365.4	3355.8	3365.4	3371.9	3371.9	3368.7	3339.6	3316.9	3310.4	3310.4	3291.0
25°	3284.5	3274.9	3284.5	3284.5	3281.4	3284.5	3274.9	3262.0	3252.2	3242.5	3223.0
27.5°	3206.9	3200.4	3206.9	3200.4	3206.9	3197.2	3194.0	3190.7	3177.8	3168.1	3142.1
30°	3129.2	3122.7	3129.2	3122.7	3116.3	3109.8	3093.7	3087.2	3100.1	3093.7	3051.6
32.5°	3032.2	3025.7	3032.2	3032.2	3025.7	3025.7	2999.8	2990.1	2993.4	3012.8	2974.0
35°	2931.9	2922.1	2931.9	2928.6	2931.9	2922.1	2906.0	2902.7	2889.8	2912.4	2883.3
37.5°	2815.3	2805.7	2815.3	2815.3	2815.3	2821.8	2808.9	2799.2	2779.7	2808.9	2786.3
40°	2695.6	2682.7	2695.6	2692.4	2695.6	2702.1	2695.6	2689.1	2669.7	2692.4	2672.9
42.5°	2559.7	2556.5	2559.7	2562.9	2562.9	2575.9	2585.5	2572.6	2566.1	2550.0	2562.9
45°	2414.1	2407.6	2414.1	2420.5	2423.8	2430.3	2459.4	2459.4	2449.7	2423.8	2443.2
47.5°	2258.7	2242.6	2258.7	2278.1	2278.1	2287.9	2317.0	2339.6	2323.5	2291.1	2300.8
50°	2093.7	2096.9	2093.7	2106.7	2106.7	2142.3	2164.9	2187.6	2203.7	2164.9	2119.6
52.5°	1931.9	1928.6	1931.9	1941.6	1954.6	1970.7	2009.5	2032.2	2058.1	2035.4	1964.3
55°	1770.1	1776.6	1770.1	1773.4	1779.9	1789.5	1847.7	1870.4	1919.0	1889.8	1815.4
57.5°	1608.3	1598.6	1608.3	1614.8	1618.0	1627.7	1676.3	1718.4	1747.4	1750.7	1660.0
60°	1420.6	1407.7	1420.6	1449.8	1456.2	1462.7	1508.0	1546.8	1572.7	1582.4	1488.6
62.5°	1255.6	1232.9	1255.6	1275.0	1287.9	1304.2	1336.5	1394.7	1417.4	1420.6	1287.9
65°	1080.8	1071.1	1080.8	1119.7	1122.9	1142.3	1177.9	1220.0	1268.5	1262.1	1071.1
67.5°	922.2	922.2	922.2	948.2	967.6	977.3	1022.6	1042.0	1103.4	1109.9	893.2
70°	776.6	773.4	776.6	796.0	809.0	831.7	873.8	896.3	944.9	961.1	724.9
72.5°	637.5	634.2	637.5	653.7	666.7	686.1	721.6	747.6	789.6	809.0	563.1
75°	514.5	508.0	514.5	527.4	524.3	550.1	579.3	605.2	644.0	656.9	417.5
77.5°	394.8	394.8	394.8	407.7	407.7	433.6	446.5	479.0	501.6	521.0	307.4
80°	294.5	291.3	294.5	297.8	297.8	310.7	333.3	356.0	375.4	375.4	210.4
82.5°	207.1	200.6	207.1	207.1	207.1	213.6	226.5	233.0	245.9	255.7	132.7
85°	129.5	129.5	129.5	132.7	129.5	135.9	139.1	145.6	145.6	139.1	80.9
87.5°	84.1	80.9	84.1	80.9	80.9	77.6	77.6	77.6	74.4	71.2	45.3
90°	7.3	7.3	7.3	7.3	7.3	9.7	12.9	14.5	12.5	8.4	5.4
92.5°	29.2	23.3	29.2	35.0	36.4	51.6	71.8	81.9	72.0	52.0	37.0
95°	101.6	84.0	101.6	119.1	123.5	162.3	213.8	239.6	202.3	127.8	72.0
97.5°	243.4	210.1	243.4	276.9	285.2	309.7	342.3	358.6	296.4	172.2	79.1
100°	350.8	311.0	350.8	390.6	400.5	398.7	396.3	395.1	326.2	188.4	85.0
102.5°	456.4	422.4	456.4	490.4	498.9	467.8	426.3	405.5	335.6	195.8	90.9
105°	591.0	572.7	591.0	609.3	613.9	544.1	450.9	404.4	336.7	201.4	99.8
107.5°	679.2	683.6	679.2	674.8	673.6	576.2	446.3	381.3	321.7	202.3	112.8
110°	712.7	731.9	712.7	693.7	688.9	580.0	434.8	362.2	308.4	200.8	120.1



TEST NUMBER: P934148

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-6500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	715.8	745.1	715.8	686.5	679.2	567.7	419.1	344.8	296.8	200.9	128.9
115°	696.9	737.4	696.9	656.2	646.1	538.7	395.5	323.9	283.5	202.7	142.1
117.5°	656.6	701.7	656.6	611.6	600.3	503.3	374.2	309.5	275.2	206.5	155.0
120°	624.1	667.9	624.1	580.3	569.4	480.9	362.8	303.8	272.4	209.6	162.5
122.5°	592.6	635.7	592.6	549.4	538.6	458.9	352.5	299.4	270.9	214.0	171.3
125°	547.5	587.3	547.5	507.7	497.8	430.1	339.7	294.6	269.7	219.9	182.5
127.5°	507.0	540.5	507.0	473.5	465.1	407.0	329.4	290.6	269.0	225.9	193.4
130°	483.1	514.0	483.1	452.1	444.3	392.6	323.6	289.1	269.5	230.2	200.7
132.5°	461.5	489.2	461.5	433.7	426.7	380.4	318.6	287.7	269.7	233.7	206.6
135°	431.7	455.6	431.7	407.8	401.9	363.1	311.3	285.4	269.5	237.5	213.6
137.5°	407.9	427.5	407.9	388.3	383.4	350.6	306.9	285.0	271.1	243.3	222.4
140°	391.6	409.9	391.6	373.3	368.7	340.4	302.6	283.7	271.4	246.8	228.3
142.5°	378.1	393.8	378.1	362.3	358.4	333.5	300.3	283.7	272.4	249.8	232.7
145°	357.8	369.7	357.8	345.9	342.9	322.5	295.4	281.8	272.4	253.6	239.4
147.5°	342.1	352.1	342.1	332.3	329.8	313.8	292.5	281.8	274.2	259.1	247.8
150°	332.4	340.4	332.4	324.3	322.3	308.9	290.8	281.8	275.2	262.1	252.2
152.5°	324.0	330.0	324.0	317.9	316.4	304.8	289.4	281.8	275.9	264.0	255.1
155°	314.3	318.3	314.3	310.3	309.3	300.1	287.9	281.8	277.3	268.2	261.4
157.5°	306.7	309.5	306.7	303.9	303.2	296.0	286.6	281.8	278.6	272.4	267.7
160°	302.2	303.8	302.2	300.5	300.1	294.0	285.9	281.8	279.3	274.3	270.6
162.5°	299.2	300.7	299.2	297.7	297.3	292.1	285.2	281.8	280.0	276.3	273.7
165°	294.9	296.5	294.9	293.3	292.9	289.2	284.3	281.8	281.0	279.4	278.2
167.5°	291.8	292.5	291.8	291.2	291.0	288.6	285.3	283.7	283.0	281.7	280.6
170°	291.0	291.0	291.0	291.0	291.0	288.6	285.3	283.7	283.7	283.6	283.5
172.5°	288.7	288.1	288.7	289.2	289.4	287.5	284.9	283.7	283.7	283.7	283.7
175°	287.3	287.3	287.3	287.3	287.3	286.1	284.5	283.7	284.1	284.8	285.4
177.5°	286.1	285.4	286.1	286.8	287.0	286.0	284.8	284.1	284.4	284.9	285.4
180°	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4



TEST NUMBER: P934148

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-6500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5
2.5°	3469.0	3449.6	3449.6	3417.2	3404.3	3394.6	3378.4	3329.8	3316.9	3303.9	3323.4
5°	3498.1	3462.6	3436.7	3378.4	3329.8	3310.4	3249.0	3132.5	3054.8	2996.5	2964.2
7.5°	3504.6	3459.3	3410.7	3320.2	3203.6	3151.9	2964.2	2750.6	2692.4	2640.6	2608.2
10°	3498.1	3446.4	3378.4	3242.5	2967.4	2876.8	2689.1	2550.0	2514.4	2504.7	2514.4
12.5°	3475.5	3426.9	3333.1	3106.6	2721.5	2660.0	2550.0	2469.1	2462.6	2478.8	2566.1
15°	3436.7	3391.3	3281.4	2925.4	2585.5	2540.3	2462.6	2433.5	2469.1	2582.4	2844.5
17.5°	3397.8	3346.0	3210.1	2747.4	2482.0	2449.7	2394.7	2452.9	2653.5	2805.7	2893.0
20°	3346.0	3284.5	3129.2	2618.0	2407.6	2378.4	2352.6	2614.7	2766.8	2821.8	2870.4
22.5°	3284.5	3219.9	3019.2	2527.3	2330.0	2307.3	2323.5	2705.4	2766.8	2805.7	2847.7
25°	3203.6	3148.6	2889.8	2456.2	2268.5	2242.6	2304.0	2695.6	2731.2	2740.9	2825.1
27.5°	3129.2	3058.0	2753.8	2391.4	2194.0	2184.3	2320.2	2653.5	2679.4	2689.1	2779.7
30°	3038.6	2931.9	2601.8	2323.5	2116.3	2113.1	2323.5	2601.8	2595.3	2621.2	2711.8
32.5°	2944.8	2744.2	2430.3	2239.3	2042.0	2038.7	2300.8	2524.1	2517.7	2553.2	2621.2
35°	2857.4	2598.6	2197.2	2142.3	1948.1	1951.3	2245.8	2433.5	2436.8	2469.1	2511.2
37.5°	2766.8	2472.3	1941.6	2035.4	1857.5	1857.5	2171.3	2349.4	2342.9	2352.6	2410.8
40°	2660.0	2274.9	1715.1	1896.3	1773.4	1763.6	2080.8	2258.7	2236.1	2232.9	2313.8
42.5°	2546.7	2058.1	1546.8	1711.9	1676.3	1663.3	1970.7	2148.8	2106.7	2116.3	2219.9
45°	2423.8	1999.9	1417.4	1446.5	1575.9	1566.2	1851.0	2022.5	1993.4	2019.3	2126.1
47.5°	2300.8	1883.3	1375.3	1200.6	1469.2	1465.9	1718.4	1899.6	1883.3	1909.2	2022.5
50°	2132.5	1753.9	1372.0	1029.1	1349.4	1362.4	1559.7	1779.9	1779.9	1802.4	1922.2
52.5°	1915.7	1595.3	1245.8	932.0	1210.3	1249.1	1420.6	1676.3	1682.7	1705.4	1812.2
55°	1718.4	1430.4	1155.3	857.5	1045.2	1129.4	1284.7	1569.5	1582.4	1605.1	1702.1
57.5°	1537.1	1190.8	1135.9	770.2	893.2	974.1	1164.9	1465.9	1472.3	1491.9	1585.7
60°	1343.0	860.8	1042.0	676.3	760.5	821.9	1055.0	1343.0	1365.6	1378.5	1459.4
62.5°	1122.9	624.6	944.9	611.6	695.7	708.7	964.3	1226.4	1255.6	1265.3	1313.8
65°	799.3	524.3	802.5	556.6	627.7	631.0	867.3	1106.7	1132.6	1148.8	1184.3
67.5°	540.4	427.1	611.6	504.8	576.0	579.3	773.4	967.6	1003.1	1016.1	1038.8
70°	375.4	284.8	453.0	449.8	517.8	524.3	673.1	841.4	873.8	883.4	896.3
72.5°	275.1	229.8	375.4	404.5	456.3	462.8	569.5	699.0	731.3	741.0	747.6
75°	210.4	242.7	304.2	352.7	388.3	391.6	466.0	569.5	592.2	598.7	601.9
77.5°	168.3	226.5	223.3	284.8	317.2	310.7	365.6	440.1	459.5	459.5	459.5
80°	126.2	177.9	168.3	203.9	233.0	226.5	262.1	313.9	320.3	326.8	323.6
82.5°	93.8	113.2	113.2	129.5	155.3	148.9	174.8	203.9	203.9	203.9	210.4
85°	58.2	64.7	51.7	68.0	87.4	84.1	97.1	110.1	113.2	113.2	106.8
87.5°	35.6	29.2	16.2	25.9	38.8	38.8	45.3	48.6	45.3	45.3	45.3
90°	5.0	3.4	1.9	3.4	5.0	5.4	8.4	12.5	14.5	12.9	9.7
92.5°	33.8	20.7	7.6	20.7	33.8	37.0	52.0	72.0	81.9	71.8	51.6
95°	66.1	42.2	18.4	42.2	66.1	72.0	127.8	202.3	239.6	213.8	162.3
97.5°	73.8	52.9	31.8	52.9	73.8	79.1	172.2	296.4	358.6	342.3	309.7
100°	80.2	61.2	42.2	61.2	80.2	85.0	188.4	326.2	395.1	396.3	398.7
102.5°	86.5	68.8	51.0	68.8	86.5	90.9	195.8	335.6	405.5	426.3	467.8
105°	96.1	81.0	65.9	81.0	96.1	99.8	201.4	336.7	404.4	450.9	544.1
107.5°	109.3	95.2	81.2	95.2	109.3	112.8	202.3	321.7	381.3	446.3	576.2
110°	116.9	104.2	91.6	104.2	116.9	120.1	200.8	308.4	362.2	434.8	580.0



TEST NUMBER: P934148

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-6500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	125.8	113.8	101.7	113.8	125.8	128.9	200.9	296.8	344.8	419.1	567.7
115°	139.3	128.1	117.0	128.1	139.3	142.1	202.7	283.5	323.9	395.5	538.7
117.5°	152.4	142.3	132.1	142.3	152.4	155.0	206.5	275.2	309.5	374.2	503.3
120°	160.1	150.5	140.9	150.5	160.1	162.5	209.6	272.4	303.8	362.8	480.9
122.5°	168.9	159.2	149.5	159.2	168.9	171.3	214.0	270.9	299.4	352.5	458.9
125°	180.3	171.6	162.8	171.6	180.3	182.5	219.9	269.7	294.6	339.7	430.1
127.5°	191.2	182.3	173.5	182.3	191.2	193.4	225.9	269.0	290.6	329.4	407.0
130°	198.3	188.8	179.3	188.8	198.3	200.7	230.2	269.5	289.1	323.6	392.6
132.5°	204.2	194.8	185.2	194.8	204.2	206.6	233.7	269.7	287.7	318.6	380.4
135°	211.4	202.7	194.0	202.7	211.4	213.6	237.5	269.5	285.4	311.3	363.1
137.5°	220.2	211.6	203.0	211.6	220.2	222.4	243.3	271.1	285.0	306.9	350.6
140°	226.3	218.4	210.5	218.4	226.3	228.3	246.8	271.4	283.7	302.6	340.4
142.5°	230.9	223.6	216.3	223.6	230.9	232.7	249.8	272.4	283.7	300.3	333.5
145°	237.8	231.5	225.1	231.5	237.8	239.4	253.6	272.4	281.8	295.4	322.5
147.5°	246.3	240.1	233.9	240.1	246.3	247.8	259.1	274.2	281.8	292.5	313.8
150°	250.8	245.3	239.6	245.3	250.8	252.2	262.1	275.2	281.8	290.8	308.9
152.5°	254.1	249.8	245.6	249.8	254.1	255.1	264.0	275.9	281.8	289.4	304.8
155°	260.7	257.5	254.3	257.5	260.7	261.4	268.2	277.3	281.8	287.9	300.1
157.5°	267.0	263.9	260.8	263.9	267.0	267.7	272.4	278.6	281.8	286.6	296.0
160°	270.0	267.6	265.2	267.6	270.0	270.6	274.3	279.3	281.8	285.9	294.0
162.5°	273.2	271.5	269.6	271.5	273.2	273.7	276.3	280.0	281.8	285.2	292.1
165°	277.8	276.1	274.5	276.1	277.8	278.2	279.4	281.0	281.8	284.3	289.2
167.5°	280.5	279.7	278.9	279.7	280.5	280.6	281.7	283.0	283.7	285.3	288.6
170°	283.3	282.6	281.8	282.6	283.3	283.5	283.6	283.7	283.7	285.3	288.6
172.5°	283.7	283.5	283.3	283.5	283.7	283.7	283.7	283.7	283.7	284.9	287.5
175°	285.4	285.4	285.4	285.4	285.4	285.4	284.8	284.1	283.7	284.5	286.1
177.5°	285.4	285.4	285.4	285.4	285.4	285.4	284.9	284.4	284.1	284.8	286.0
180°	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4



TEST NUMBER: P934148

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-6500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5
2.5°	3300.8	3291.0	3303.9	3268.4	3303.9	3291.0	3300.8	3323.4	3303.9	3316.9	3329.8
5°	2896.2	2880.1	2828.3	2786.3	2828.3	2880.1	2896.2	2964.2	2996.5	3054.8	3132.5
7.5°	2588.8	2575.9	2562.9	2537.1	2562.9	2575.9	2588.8	2608.2	2640.6	2692.4	2750.6
10°	2520.9	2524.1	2543.5	2540.3	2543.5	2524.1	2520.9	2514.4	2504.7	2514.4	2550.0
12.5°	2695.6	2724.8	2831.5	2825.1	2831.5	2724.8	2695.6	2566.1	2478.8	2462.6	2469.1
15°	2896.2	2906.0	2928.6	2931.9	2928.6	2906.0	2896.2	2844.5	2582.4	2469.1	2433.5
17.5°	2915.6	2918.9	2935.0	2935.0	2935.0	2918.9	2915.6	2893.0	2805.7	2653.5	2452.9
20°	2899.5	2906.0	2938.3	2944.8	2938.3	2906.0	2899.5	2870.4	2821.8	2766.8	2614.7
22.5°	2893.0	2906.0	2931.9	2928.6	2931.9	2906.0	2893.0	2847.7	2805.7	2766.8	2705.4
25°	2860.6	2860.6	2863.9	2867.1	2863.9	2860.6	2860.6	2825.1	2740.9	2731.2	2695.6
27.5°	2792.7	2799.2	2818.6	2815.3	2818.6	2799.2	2792.7	2779.7	2689.1	2679.4	2653.5
30°	2731.2	2724.8	2708.5	2695.6	2708.5	2724.8	2731.2	2711.8	2621.2	2595.3	2601.8
32.5°	2627.6	2611.5	2595.3	2585.5	2595.3	2611.5	2627.6	2621.2	2553.2	2517.7	2524.1
35°	2504.7	2507.9	2504.7	2495.0	2504.7	2507.9	2504.7	2511.2	2469.1	2436.8	2433.5
37.5°	2417.4	2423.8	2420.5	2407.6	2420.5	2423.8	2417.4	2410.8	2352.6	2342.9	2349.4
40°	2326.7	2330.0	2326.7	2317.0	2326.7	2330.0	2326.7	2313.8	2232.9	2236.1	2258.7
42.5°	2239.3	2236.1	2226.4	2219.9	2226.4	2236.1	2239.3	2219.9	2116.3	2106.7	2148.8
45°	2139.0	2142.3	2122.8	2113.1	2122.8	2142.3	2139.0	2126.1	2019.3	1993.4	2022.5
47.5°	2038.7	2038.7	2022.5	2012.8	2022.5	2038.7	2038.7	2022.5	1909.2	1883.3	1899.6
50°	1931.9	1928.6	1906.0	1902.8	1906.0	1928.6	1931.9	1922.2	1802.4	1779.9	1779.9
52.5°	1808.9	1808.9	1812.2	1818.7	1812.2	1808.9	1808.9	1812.2	1705.4	1682.7	1676.3
55°	1702.1	1705.4	1728.0	1734.5	1728.0	1705.4	1702.1	1702.1	1605.1	1582.4	1569.5
57.5°	1592.2	1592.2	1608.3	1608.3	1608.3	1592.2	1592.2	1585.7	1491.9	1472.3	1465.9
60°	1465.9	1472.3	1485.4	1482.1	1485.4	1472.3	1465.9	1459.4	1378.5	1365.6	1343.0
62.5°	1333.2	1339.7	1343.0	1336.5	1343.0	1339.7	1333.2	1313.8	1265.3	1255.6	1226.4
65°	1194.1	1200.6	1203.8	1197.3	1203.8	1200.6	1194.1	1184.3	1148.8	1132.6	1106.7
67.5°	1051.7	1048.5	1045.2	1058.2	1045.2	1048.5	1051.7	1038.8	1016.1	1003.1	967.6
70°	906.1	906.1	902.8	909.3	902.8	906.1	906.1	896.3	883.4	873.8	841.4
72.5°	750.8	747.6	760.5	750.8	760.5	747.6	750.8	747.6	741.0	731.3	699.0
75°	598.7	605.2	598.7	608.3	598.7	605.2	598.7	601.9	598.7	592.2	569.5
77.5°	456.3	462.8	456.3	456.3	456.3	462.8	456.3	459.5	459.5	459.5	440.1
80°	323.6	320.3	320.3	317.2	320.3	320.3	323.6	323.6	326.8	320.3	313.9
82.5°	207.1	203.9	203.9	210.4	203.9	203.9	207.1	210.4	203.9	203.9	203.9
85°	113.2	116.5	110.1	110.1	110.1	116.5	113.2	106.8	113.2	113.2	110.1
87.5°	42.1	38.8	38.8	38.8	38.8	38.8	42.1	45.3	45.3	45.3	48.6
90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	9.7	12.9	14.5	12.5
92.5°	36.4	35.0	29.2	23.3	29.2	35.0	36.4	51.6	71.8	81.9	72.0
95°	123.5	119.1	101.6	84.0	101.6	119.1	123.5	162.3	213.8	239.6	202.3
97.5°	285.2	276.9	243.4	210.1	243.4	276.9	285.2	309.7	342.3	358.6	296.4
100°	400.5	390.6	350.8	311.0	350.8	390.6	400.5	398.7	396.3	395.1	326.2
102.5°	498.9	490.4	456.4	422.4	456.4	490.4	498.9	467.8	426.3	405.5	335.6
105°	613.9	609.3	591.0	572.7	591.0	609.3	613.9	544.1	450.9	404.4	336.7
107.5°	673.6	674.8	679.2	683.6	679.2	674.8	673.6	576.2	446.3	381.3	321.7
110°	688.9	693.7	712.7	731.9	712.7	693.7	688.9	580.0	434.8	362.2	308.4



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	679.2	686.5	715.8	745.1	715.8	686.5	679.2	567.7	419.1	344.8	296.8
115°	646.1	656.2	696.9	737.4	696.9	656.2	646.1	538.7	395.5	323.9	283.5
117.5°	600.3	611.6	656.6	701.7	656.6	611.6	600.3	503.3	374.2	309.5	275.2
120°	569.4	580.3	624.1	667.9	624.1	580.3	569.4	480.9	362.8	303.8	272.4
122.5°	538.6	549.4	592.6	635.7	592.6	549.4	538.6	458.9	352.5	299.4	270.9
125°	497.8	507.7	547.5	587.3	547.5	507.7	497.8	430.1	339.7	294.6	269.7
127.5°	465.1	473.5	507.0	540.5	507.0	473.5	465.1	407.0	329.4	290.6	269.0
130°	444.3	452.1	483.1	514.0	483.1	452.1	444.3	392.6	323.6	289.1	269.5
132.5°	426.7	433.7	461.5	489.2	461.5	433.7	426.7	380.4	318.6	287.7	269.7
135°	401.9	407.8	431.7	455.6	431.7	407.8	401.9	363.1	311.3	285.4	269.5
137.5°	383.4	388.3	407.9	427.5	407.9	388.3	383.4	350.6	306.9	285.0	271.1
140°	368.7	373.3	391.6	409.9	391.6	373.3	368.7	340.4	302.6	283.7	271.4
142.5°	358.4	362.3	378.1	393.8	378.1	362.3	358.4	333.5	300.3	283.7	272.4
145°	342.9	345.9	357.8	369.7	357.8	345.9	342.9	322.5	295.4	281.8	272.4
147.5°	329.8	332.3	342.1	352.1	342.1	332.3	329.8	313.8	292.5	281.8	274.2
150°	322.3	324.3	332.4	340.4	332.4	324.3	322.3	308.9	290.8	281.8	275.2
152.5°	316.4	317.9	324.0	330.0	324.0	317.9	316.4	304.8	289.4	281.8	275.9
155°	309.3	310.3	314.3	318.3	314.3	310.3	309.3	300.1	287.9	281.8	277.3
157.5°	303.2	303.9	306.7	309.5	306.7	303.9	303.2	296.0	286.6	281.8	278.6
160°	300.1	300.5	302.2	303.8	302.2	300.5	300.1	294.0	285.9	281.8	279.3
162.5°	297.3	297.7	299.2	300.7	299.2	297.7	297.3	292.1	285.2	281.8	280.0
165°	292.9	293.3	294.9	296.5	294.9	293.3	292.9	289.2	284.3	281.8	281.0
167.5°	291.0	291.2	291.8	292.5	291.8	291.2	291.0	288.6	285.3	283.7	283.0
170°	291.0	291.0	291.0	291.0	291.0	291.0	291.0	288.6	285.3	283.7	283.7
172.5°	289.4	289.2	288.7	288.1	288.7	289.2	289.4	287.5	284.9	283.7	283.7
175°	287.3	287.3	287.3	287.3	287.3	287.3	287.3	286.1	284.5	283.7	284.1
177.5°	287.0	286.8	286.1	285.4	286.1	286.8	287.0	286.0	284.8	284.1	284.4
180°	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3420.5	3420.5	3420.5	3420.5	3420.5
2.5°	3378.4	3394.6	3404.3	3417.2	3449.6
5°	3249.0	3310.4	3329.8	3378.4	3436.7
7.5°	2964.2	3151.9	3203.6	3320.2	3410.7
10°	2689.1	2876.8	2967.4	3242.5	3378.4
12.5°	2550.0	2660.0	2721.5	3106.6	3333.1
15°	2462.6	2540.3	2585.5	2925.4	3281.4
17.5°	2394.7	2449.7	2482.0	2747.4	3210.1
20°	2352.6	2378.4	2407.6	2618.0	3129.2
22.5°	2323.5	2307.3	2330.0	2527.3	3019.2
25°	2304.0	2242.6	2268.5	2456.2	2889.8
27.5°	2320.2	2184.3	2194.0	2391.4	2753.8
30°	2323.5	2113.1	2116.3	2323.5	2601.8
32.5°	2300.8	2038.7	2042.0	2239.3	2430.3
35°	2245.8	1951.3	1948.1	2142.3	2197.2
37.5°	2171.3	1857.5	1857.5	2035.4	1941.6
40°	2080.8	1763.6	1773.4	1896.3	1715.1
42.5°	1970.7	1663.3	1676.3	1711.9	1546.8
45°	1851.0	1566.2	1575.9	1446.5	1417.4
47.5°	1718.4	1465.9	1469.2	1200.6	1375.3
50°	1559.7	1362.4	1349.4	1029.1	1372.0
52.5°	1420.6	1249.1	1210.3	932.0	1245.8
55°	1284.7	1129.4	1045.2	857.5	1155.3
57.5°	1164.9	974.1	893.2	770.2	1135.9
60°	1055.0	821.9	760.5	676.3	1042.0
62.5°	964.3	708.7	695.7	611.6	944.9
65°	867.3	631.0	627.7	556.6	802.5
67.5°	773.4	579.3	576.0	504.8	611.6
70°	673.1	524.3	517.8	449.8	453.0
72.5°	569.5	462.8	456.3	404.5	375.4
75°	466.0	391.6	388.3	352.7	304.2
77.5°	365.6	310.7	317.2	284.8	223.3
80°	262.1	226.5	233.0	203.9	168.3
82.5°	174.8	148.9	155.3	129.5	113.2
85°	97.1	84.1	87.4	68.0	51.7
87.5°	45.3	38.8	38.8	25.9	16.2
90°	8.4	5.4	5.0	3.4	1.9
92.5°	52.0	37.0	33.8	20.7	7.6
95°	127.8	72.0	66.1	42.2	18.4
97.5°	172.2	79.1	73.8	52.9	31.8
100°	188.4	85.0	80.2	61.2	42.2
102.5°	195.8	90.9	86.5	68.8	51.0
105°	201.4	99.8	96.1	81.0	65.9
107.5°	202.3	112.8	109.3	95.2	81.2
110°	200.8	120.1	116.9	104.2	91.6



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CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-6500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	200.9	128.9	125.8	113.8	101.7
115°	202.7	142.1	139.3	128.1	117.0
117.5°	206.5	155.0	152.4	142.3	132.1
120°	209.6	162.5	160.1	150.5	140.9
122.5°	214.0	171.3	168.9	159.2	149.5
125°	219.9	182.5	180.3	171.6	162.8
127.5°	225.9	193.4	191.2	182.3	173.5
130°	230.2	200.7	198.3	188.8	179.3
132.5°	233.7	206.6	204.2	194.8	185.2
135°	237.5	213.6	211.4	202.7	194.0
137.5°	243.3	222.4	220.2	211.6	203.0
140°	246.8	228.3	226.3	218.4	210.5
142.5°	249.8	232.7	230.9	223.6	216.3
145°	253.6	239.4	237.8	231.5	225.1
147.5°	259.1	247.8	246.3	240.1	233.9
150°	262.1	252.2	250.8	245.3	239.6
152.5°	264.0	255.1	254.1	249.8	245.6
155°	268.2	261.4	260.7	257.5	254.3
157.5°	272.4	267.7	267.0	263.9	260.8
160°	274.3	270.6	270.0	267.6	265.2
162.5°	276.3	273.7	273.2	271.5	269.6
165°	279.4	278.2	277.8	276.1	274.5
167.5°	281.7	280.6	280.5	279.7	278.9
170°	283.6	283.5	283.3	282.6	281.8
172.5°	283.7	283.7	283.7	283.5	283.3
175°	284.8	285.4	285.4	285.4	285.4
177.5°	284.9	285.4	285.4	285.4	285.4
180°	285.4	285.4	285.4	285.4	285.4



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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	17.02	18.28	17.64	18.91	19.62	19.86	21.12	20.47	21.74	22.46
	3H	17.53	18.66	18.16	19.30	20.04	21.24	22.37	21.87	23.00	23.75
	4H	17.74	18.80	18.39	19.45	20.21	21.70	22.77	22.35	23.42	24.18
	6H	17.88	18.86	18.54	19.52	20.30	22.01	22.99	22.67	23.65	24.43
	8H	17.89	18.83	18.56	19.51	20.29	22.09	23.03	22.77	23.71	24.49
	12H	17.87	18.77	18.55	19.44	20.25	22.15	23.05	22.83	23.72	24.53
4H	2H	18.10	19.17	18.75	19.82	20.58	20.32	21.38	20.97	22.03	22.79
	3H	19.17	20.06	19.83	20.74	21.52	21.86	22.75	22.52	23.44	24.22
	4H	19.46	20.27	20.14	20.96	21.77	22.41	23.21	23.09	23.90	24.71
	6H	19.61	20.31	20.31	21.02	21.84	22.80	23.50	23.50	24.21	25.03
	8H	19.62	20.28	20.33	20.99	21.82	22.91	23.57	23.62	24.28	25.11
	12H	19.61	20.20	20.33	20.93	21.77	22.99	23.58	23.72	24.32	25.15
8H	4H	19.95	20.60	20.65	21.31	22.15	22.56	23.22	23.27	23.93	24.76
	6H	20.22	20.77	20.96	21.52	22.36	23.02	23.56	23.75	24.32	25.15
	8H	20.27	20.75	21.02	21.51	22.36	23.17	23.66	23.92	24.42	25.27
	12H	20.27	20.70	21.02	21.45	22.36	23.29	23.72	24.04	24.47	25.38
12H	4H	19.97	20.56	20.70	21.30	22.14	22.55	23.13	23.27	23.87	24.71
	6H	20.29	20.77	21.04	21.53	22.38	23.02	23.50	23.77	24.26	25.11
	8H	20.37	20.80	21.12	21.55	22.46	23.20	23.63	23.95	24.37	25.29