

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: P934147

Luminaire Tested: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-5000K

Issue Date: 12/17/2024

**Test Information**

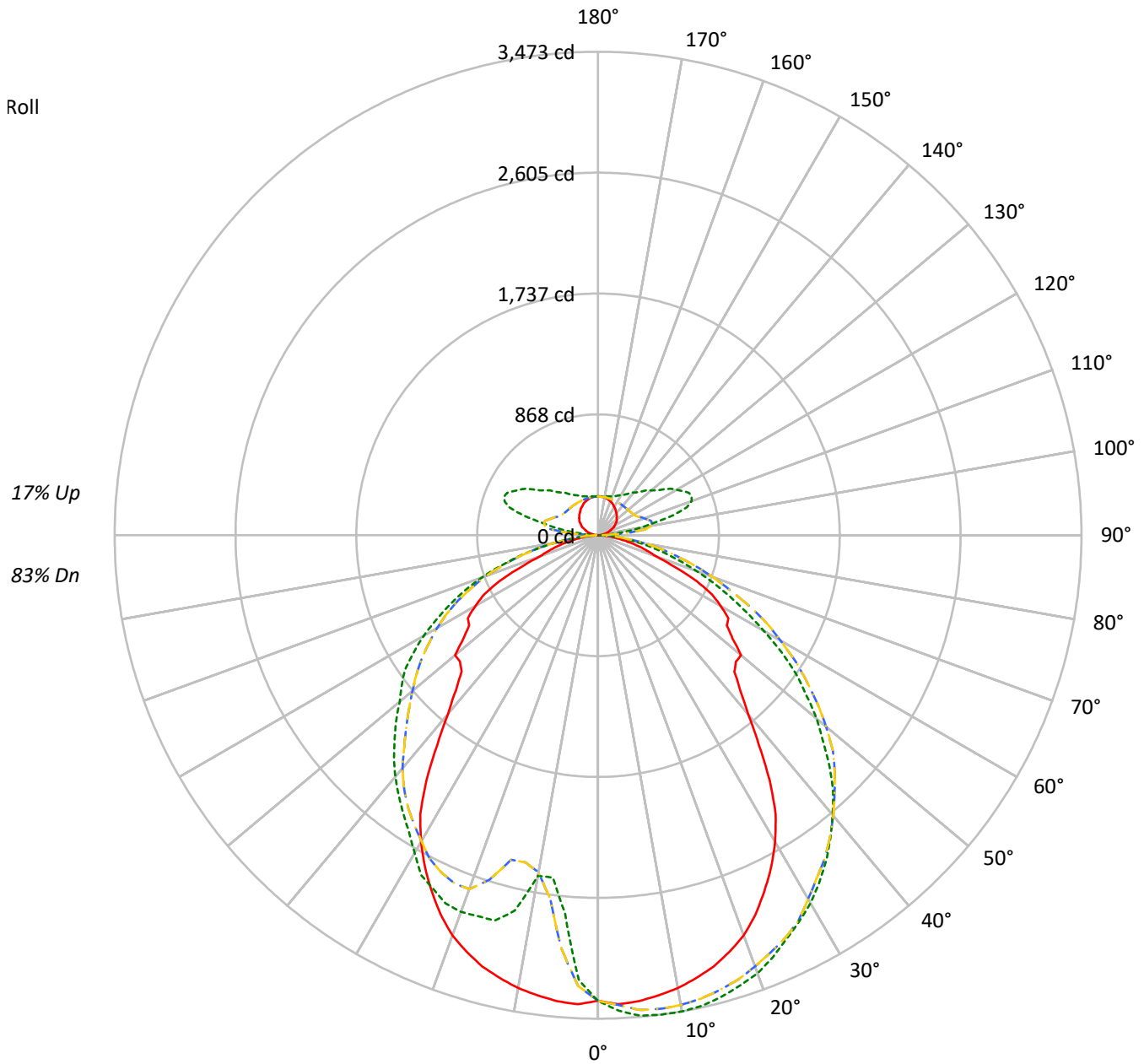
Test Method: LM-79-2019  
Report Number: P934147  
REPORT IS A COMBINATION OF REPORTS P933688 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-5000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10479.0 lumens  
Efficiency: N/A  
Efficacy: 105.6 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			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	0
RCR																		
0	115	115	115	115	110	110	110	110	102	102	102	94	94	94	86	86	86	83
1	105	101	97	93	101	97	93	90	89	87	84	83	80	78	76	75	73	70
2	96	88	82	76	92	85	79	74	78	74	70	73	69	66	67	64	62	59
3	88	78	70	64	84	75	68	62	69	63	59	64	60	56	60	56	52	50
4	80	69	60	54	77	66	59	53	62	55	50	57	52	48	53	49	45	43
5	74	61	53	46	70	59	51	45	55	49	43	52	46	41	48	43	39	37
6	68	55	47	40	65	53	45	40	50	43	38	47	41	36	44	39	35	32
7	63	50	42	36	60	48	41	35	45	39	34	42	37	32	40	35	31	29
8	59	46	37	32	56	44	36	31	41	35	30	39	33	29	37	31	28	26
9	55	42	34	28	52	40	33	28	38	32	27	36	30	26	34	29	25	23
10	51	38	31	26	49	37	30	25	35	29	24	33	28	24	31	26	23	21

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

	0°	90°	180°	270°
0°	15513	15513	15513	15513
5°	15629	15660	15629	12313
10°	15524	15425	15524	11028
15°	15356	15091	15356	12602
20°	15035	14695	15035	12628
25°	14378	14118	14378	12360
30°	13528	13639	13528	11773
35°	12060	13032	12060	11127
40°	10049	12319	10049	10639
45°	8979	11483	8979	10078
50°	9539	10486	9539	9516
55°	8975	9413	8975	9190
60°	9251	7994	9251	8417
65°	8388	6608	8388	7387
70°	5809	5266	5809	6192
75°	5092	3893	5092	4662
80°	4104	2574	4104	2802
85°	2357	1364	2357	1159

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 13761 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	301.8	2.9
10°-20°	856.9	8.2
20°-30°	1324.7	12.6
30°-40°	1581.4	15.1
40°-50°	1590.7	15.2
50°-60°	1384.1	13.2
60°-70°	981.3	9.4
70°-80°	519.2	5.0
80°-90°	130.4	1.2
90°-100°	136.0	1.3
100°-110°	357.5	3.4
110°-120°	370.7	3.5
120°-130°	297.4	2.8
130°-140°	233.3	2.2
140°-150°	179.1	1.7
150°-160°	129.0	1.2
160°-170°	78.9	0.8
170°-180°	26.7	0.3
0°-30°	2483.5	23.7
0°-40°	4064.9	38.8
0°-60°	7039.6	67.2
0°-90°	8670.5	82.7
90°-120°	864.2	8.2
90°-150°	1574.0	15.0
90°-180°	1809.0	17.3
0°-180°	10479.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3344	3344	3344	3344	3344	
5°	3359	3464	3359	2724	3359	319
15°	3208	3432	3208	2866	3208	902
25°	2825	3201	2825	2803	2825	1297
35°	2148	2856	2148	2439	2148	1329
45°	1386	2354	1386	2066	1386	1110
55°	1129	1737	1129	1696	1129	1038
65°	784	1047	784	1170	784	750
75°	297	497	297	595	297	313
85°	51	127	51	108	51	68
90°	2	7	2	7	2	4
95°	18	82	18	82	18	20
105°	64	560	64	560	64	68
115°	114	721	114	721	114	113
125°	159	574	159	574	159	141
135°	190	445	190	445	190	147
145°	220	361	220	361	220	138
155°	249	311	249	311	249	114
165°	268	290	268	290	268	76
175°	279	281	279	281	279	26
180°	279	279	279	279	279	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6
2.5°	3372.0	3372.0	3391.0	3397.4	3397.4	3387.9	3378.4	3387.9	3416.4	3425.9	3422.7
5°	3359.4	3384.8	3419.5	3425.9	3432.1	3429.1	3422.7	3429.1	3460.7	3467.0	3470.2
7.5°	3334.1	3381.6	3425.9	3435.3	3444.9	3435.3	3432.1	3438.5	3470.2	3476.5	3476.5
10°	3302.5	3369.0	3419.5	3425.9	3435.3	3425.9	3425.9	3438.5	3470.2	3476.5	3479.6
12.5°	3258.2	3349.9	3397.4	3403.7	3416.4	3413.2	3410.1	3422.7	3454.3	3460.7	3460.7
15°	3207.6	3315.1	3359.4	3365.8	3387.9	3381.6	3381.6	3394.2	3429.1	3438.5	3435.3
17.5°	3138.0	3270.8	3321.5	3330.9	3346.8	3343.6	3346.8	3359.4	3391.0	3397.4	3400.6
20°	3058.9	3210.7	3270.8	3280.4	3296.1	3296.1	3296.1	3311.9	3343.6	3356.2	3356.2
22.5°	2951.3	3147.5	3210.7	3217.1	3236.0	3236.0	3242.4	3264.6	3293.0	3296.1	3296.1
25°	2824.9	3077.9	3131.6	3150.6	3169.6	3179.1	3188.7	3201.3	3210.7	3207.6	3210.7
27.5°	2692.0	2989.3	3058.9	3071.5	3096.9	3106.4	3119.0	3122.2	3125.4	3134.8	3128.5
30°	2543.3	2866.0	2970.3	2983.0	3024.1	3030.4	3017.8	3024.1	3039.9	3046.3	3052.6
32.5°	2375.6	2682.5	2878.6	2907.1	2945.1	2926.1	2922.9	2932.4	2957.7	2957.7	2964.0
35°	2147.9	2540.2	2793.2	2818.5	2846.9	2824.9	2837.5	2840.7	2856.5	2866.0	2862.8
37.5°	1898.0	2416.8	2704.7	2723.6	2745.8	2717.3	2736.3	2745.8	2758.4	2752.1	2752.1
40°	1676.6	2223.8	2600.3	2612.9	2631.9	2609.7	2628.7	2635.0	2641.4	2635.0	2631.9
42.5°	1512.1	2011.9	2489.5	2505.3	2492.7	2508.5	2514.8	2527.4	2518.0	2505.3	2505.3
45°	1385.5	1954.9	2369.3	2388.3	2369.3	2394.6	2404.2	2404.2	2375.6	2369.3	2366.1
47.5°	1344.4	1841.0	2249.1	2249.1	2239.6	2271.2	2287.0	2264.9	2236.5	2226.9	2226.9
50°	1341.2	1714.5	2084.6	2072.0	2116.3	2154.2	2138.4	2116.3	2094.1	2059.3	2059.3
52.5°	1217.8	1559.5	1872.7	1920.2	1989.7	2011.9	1986.5	1964.4	1926.4	1910.6	1898.0
55°	1129.3	1398.2	1679.8	1774.6	1847.4	1875.9	1828.4	1806.2	1749.3	1739.9	1733.5
57.5°	1110.3	1164.1	1502.5	1622.7	1711.4	1708.2	1679.8	1638.6	1591.2	1581.6	1578.5
60°	1018.5	841.4	1312.8	1455.2	1546.8	1537.4	1512.1	1474.1	1429.8	1423.5	1417.2
62.5°	923.7	610.5	1097.6	1259.0	1388.7	1385.5	1363.4	1306.4	1274.8	1259.0	1246.3
65°	784.5	512.5	781.3	1047.1	1233.7	1240.0	1192.6	1151.5	1116.6	1097.6	1094.5
67.5°	597.8	417.5	528.3	873.1	1085.0	1078.7	1018.5	999.6	955.4	945.8	926.9
70°	442.9	278.4	367.0	708.6	939.5	923.7	876.2	854.1	813.0	790.9	778.1
72.5°	367.0	224.6	268.9	550.4	790.9	771.9	730.8	705.4	670.7	651.7	639.0
75°	297.3	237.2	205.6	408.1	642.1	629.5	591.6	566.2	537.7	512.5	515.6
77.5°	218.3	221.4	164.5	300.5	509.3	490.3	468.2	436.5	423.9	398.6	398.6
80°	164.5	173.9	123.4	205.6	367.0	367.0	348.0	325.8	303.7	291.1	291.1
82.5°	110.7	110.7	91.7	129.7	249.9	240.4	227.8	221.4	208.8	202.5	202.5
85°	50.6	63.3	56.9	79.1	136.0	142.4	142.4	136.0	132.8	126.6	129.7
87.5°	15.8	28.5	34.8	44.3	69.6	72.7	75.9	75.9	75.9	79.1	79.1
90°	1.9	3.4	4.9	5.2	8.2	12.2	14.2	12.6	9.4	7.1	7.1
92.5°	7.5	20.2	33.0	36.2	50.8	70.4	80.1	70.2	50.5	35.6	34.2
95°	17.9	41.2	64.6	70.4	125.0	197.8	234.2	209.0	158.6	120.8	116.5
97.5°	31.1	51.7	72.2	77.3	168.3	289.8	350.5	334.6	302.8	278.8	270.7
100°	41.2	59.8	78.4	83.1	184.1	318.8	386.2	387.4	389.8	391.5	381.8
102.5°	49.8	67.2	84.6	88.9	191.4	328.1	396.4	416.7	457.3	487.7	479.4
105°	64.4	79.2	93.9	97.6	196.8	329.1	395.3	440.8	531.8	600.1	595.6
107.5°	79.4	93.1	106.8	110.3	197.8	314.4	372.8	436.2	563.3	658.5	659.6
110°	89.5	101.9	114.3	117.4	196.3	301.4	354.1	425.0	567.0	673.5	678.1



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	99.5	111.2	123.0	126.0	196.4	290.1	337.1	409.7	554.9	663.9	671.1
115°	114.4	125.3	136.2	138.9	198.2	277.1	316.6	386.6	526.6	631.6	641.5
117.5°	129.2	139.1	149.0	151.5	201.9	269.0	302.6	365.8	492.0	586.8	597.8
120°	137.8	147.1	156.5	158.8	204.9	266.3	297.0	354.6	470.1	556.6	567.3
122.5°	146.2	155.6	165.1	167.4	209.2	264.8	292.7	344.6	448.6	526.5	537.1
125°	159.2	167.8	176.3	178.4	215.0	263.7	288.0	332.1	420.4	486.6	496.3
127.5°	169.6	178.2	186.9	189.1	220.8	262.9	284.1	322.0	397.8	454.6	462.9
130°	175.3	184.6	193.9	196.2	225.0	263.4	282.6	316.3	383.8	434.4	441.9
132.5°	181.1	190.4	199.7	202.0	228.4	263.7	281.3	311.4	371.8	417.2	424.0
135°	189.7	198.2	206.7	208.8	232.2	263.4	279.0	304.3	354.9	392.9	398.7
137.5°	198.4	206.9	215.3	217.4	237.8	265.0	278.6	300.0	342.8	374.8	379.6
140°	205.7	213.5	221.2	223.2	241.2	265.3	277.3	295.8	332.8	360.4	364.9
142.5°	211.4	218.5	225.7	227.5	244.1	266.3	277.3	293.6	326.0	350.3	354.2
145°	220.0	226.3	232.5	234.1	247.9	266.3	275.5	288.7	315.3	335.2	338.1
147.5°	228.6	234.7	240.8	242.3	253.3	268.1	275.5	285.9	306.8	322.4	324.8
150°	234.2	239.8	245.2	246.6	256.2	269.0	275.5	284.2	301.9	315.1	317.1
152.5°	240.0	244.1	248.4	249.4	258.1	269.7	275.5	282.9	298.0	309.3	310.8
155°	248.6	251.7	254.8	255.5	262.2	271.1	275.5	281.4	293.4	302.4	303.3
157.5°	255.0	258.0	261.0	261.7	266.3	272.4	275.5	280.1	289.4	296.4	297.0
160°	259.3	261.6	264.0	264.5	268.2	273.0	275.5	279.5	287.4	293.4	293.8
162.5°	263.6	265.4	267.0	267.5	270.1	273.7	275.5	278.8	285.6	290.6	291.0
165°	268.4	269.9	271.5	271.9	273.1	274.7	275.5	277.9	282.7	286.3	286.7
167.5°	272.7	273.4	274.1	274.3	275.4	276.7	277.3	278.9	282.1	284.4	284.6
170°	275.5	276.2	277.0	277.1	277.2	277.3	277.3	278.9	282.1	284.4	284.4
172.5°	277.0	277.1	277.3	277.3	277.3	277.3	277.3	278.5	281.1	282.9	282.7
175°	279.0	279.0	279.0	279.0	278.4	277.7	277.3	278.1	279.7	280.9	280.9
177.5°	279.0	279.0	279.0	279.0	278.5	278.0	277.7	278.4	279.6	280.5	280.3
180°	279.0	279.0	279.0	279.0	279.0	279.0	279.0	279.0	279.0	279.0	279.0



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6
2.5°	3429.1	3419.5	3429.1	3422.7	3425.9	3416.4	3387.9	3378.4	3387.9	3397.4	3397.4
5°	3470.2	3463.8	3470.2	3470.2	3467.0	3460.7	3429.1	3422.7	3429.1	3432.1	3425.9
7.5°	3482.8	3473.3	3482.8	3476.5	3476.5	3470.2	3438.5	3432.1	3435.3	3444.9	3435.3
10°	3482.8	3473.3	3482.8	3479.6	3476.5	3470.2	3438.5	3425.9	3425.9	3435.3	3425.9
12.5°	3467.0	3460.7	3467.0	3460.7	3460.7	3454.3	3422.7	3410.1	3413.2	3416.4	3403.7
15°	3441.7	3432.1	3441.7	3435.3	3438.5	3429.1	3394.2	3381.6	3381.6	3387.9	3365.8
17.5°	3403.7	3391.0	3403.7	3400.6	3397.4	3391.0	3359.4	3346.8	3343.6	3346.8	3330.9
20°	3359.4	3349.9	3359.4	3356.2	3356.2	3343.6	3311.9	3296.1	3296.1	3296.1	3280.4
22.5°	3289.8	3280.4	3289.8	3296.1	3296.1	3293.0	3264.6	3242.4	3236.0	3236.0	3217.1
25°	3210.7	3201.3	3210.7	3210.7	3207.6	3210.7	3201.3	3188.7	3179.1	3169.6	3150.6
27.5°	3134.8	3128.5	3134.8	3128.5	3134.8	3125.4	3122.2	3119.0	3106.4	3096.9	3071.5
30°	3058.9	3052.6	3058.9	3052.6	3046.3	3039.9	3024.1	3017.8	3030.4	3024.1	2983.0
32.5°	2964.0	2957.7	2964.0	2964.0	2957.7	2957.7	2932.4	2922.9	2926.1	2945.1	2907.1
35°	2866.0	2856.5	2866.0	2862.8	2866.0	2856.5	2840.7	2837.5	2824.9	2846.9	2818.5
37.5°	2752.1	2742.6	2752.1	2752.1	2752.1	2758.4	2745.8	2736.3	2717.3	2745.8	2723.6
40°	2635.0	2622.4	2635.0	2631.9	2635.0	2641.4	2635.0	2628.7	2609.7	2631.9	2612.9
42.5°	2502.2	2499.0	2502.2	2505.3	2505.3	2518.0	2527.4	2514.8	2508.5	2492.7	2505.3
45°	2359.9	2353.5	2359.9	2366.1	2369.3	2375.6	2404.2	2404.2	2394.6	2369.3	2388.3
47.5°	2208.0	2192.2	2208.0	2226.9	2226.9	2236.5	2264.9	2287.0	2271.2	2239.6	2249.1
50°	2046.6	2049.8	2046.6	2059.3	2059.3	2094.1	2116.3	2138.4	2154.2	2116.3	2072.0
52.5°	1888.5	1885.3	1888.5	1898.0	1910.6	1926.4	1964.4	1986.5	2011.9	1989.7	1920.2
55°	1730.3	1736.7	1730.3	1733.5	1739.9	1749.3	1806.2	1828.4	1875.9	1847.4	1774.6
57.5°	1572.2	1562.6	1572.2	1578.5	1581.6	1591.2	1638.6	1679.8	1708.2	1711.4	1622.7
60°	1388.7	1376.1	1388.7	1417.2	1423.5	1429.8	1474.1	1512.1	1537.4	1546.8	1455.2
62.5°	1227.4	1205.2	1227.4	1246.3	1259.0	1274.8	1306.4	1363.4	1385.5	1388.7	1259.0
65°	1056.5	1047.1	1056.5	1094.5	1097.6	1116.6	1151.5	1192.6	1240.0	1233.7	1047.1
67.5°	901.5	901.5	901.5	926.9	945.8	955.4	999.6	1018.5	1078.7	1085.0	873.1
70°	759.2	756.0	759.2	778.1	790.9	813.0	854.1	876.2	923.7	939.5	708.6
72.5°	623.2	620.0	623.2	639.0	651.7	670.7	705.4	730.8	771.9	790.9	550.4
75°	503.0	496.6	503.0	515.6	512.5	537.7	566.2	591.6	629.5	642.1	408.1
77.5°	385.9	385.9	385.9	398.6	398.6	423.9	436.5	468.2	490.3	509.3	300.5
80°	287.9	284.7	287.9	291.1	291.1	303.7	325.8	348.0	367.0	367.0	205.6
82.5°	202.5	196.1	202.5	202.5	202.5	208.8	221.4	227.8	240.4	249.9	129.7
85°	126.6	126.6	126.6	129.7	126.6	132.8	136.0	142.4	142.4	136.0	79.1
87.5°	82.3	79.1	82.3	79.1	79.1	75.9	75.9	75.9	72.7	69.6	44.3
90°	7.1	7.1	7.1	7.1	7.1	9.4	12.6	14.2	12.2	8.2	5.2
92.5°	28.5	22.8	28.5	34.2	35.6	50.5	70.2	80.1	70.4	50.8	36.2
95°	99.4	82.2	99.4	116.5	120.8	158.6	209.0	234.2	197.8	125.0	70.4
97.5°	238.0	205.4	238.0	270.7	278.8	302.8	334.6	350.5	289.8	168.3	77.3
100°	342.9	304.1	342.9	381.8	391.5	389.8	387.4	386.2	318.8	184.1	83.1
102.5°	446.1	412.9	446.1	479.4	487.7	457.3	416.7	396.4	328.1	191.4	88.9
105°	577.7	559.8	577.7	595.6	600.1	531.8	440.8	395.3	329.1	196.8	97.6
107.5°	663.9	668.2	663.9	659.6	658.5	563.3	436.2	372.8	314.4	197.8	110.3
110°	696.7	715.4	696.7	678.1	673.5	567.0	425.0	354.1	301.4	196.3	117.4





TEST NUMBER: P934147

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-5000K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	699.7	728.3	699.7	671.1	663.9	554.9	409.7	337.1	290.1	196.4	126.0
115°	681.2	720.8	681.2	641.5	631.6	526.6	386.6	316.6	277.1	198.2	138.9
117.5°	641.9	685.9	641.9	597.8	586.8	492.0	365.8	302.6	269.0	201.9	151.5
120°	610.1	652.9	610.1	567.3	556.6	470.1	354.6	297.0	266.3	204.9	158.8
122.5°	579.2	621.4	579.2	537.1	526.5	448.6	344.6	292.7	264.8	209.2	167.4
125°	535.2	574.1	535.2	496.3	486.6	420.4	332.1	288.0	263.7	215.0	178.4
127.5°	495.6	528.4	495.6	462.9	454.6	397.8	322.0	284.1	262.9	220.8	189.1
130°	472.2	502.5	472.2	441.9	434.4	383.8	316.3	282.6	263.4	225.0	196.2
132.5°	451.1	478.2	451.1	424.0	417.2	371.8	311.4	281.3	263.7	228.4	202.0
135°	422.0	445.4	422.0	398.7	392.9	354.9	304.3	279.0	263.4	232.2	208.8
137.5°	398.7	417.9	398.7	379.6	374.8	342.8	300.0	278.6	265.0	237.8	217.4
140°	382.8	400.7	382.8	364.9	360.4	332.8	295.8	277.3	265.3	241.2	223.2
142.5°	369.6	384.9	369.6	354.2	350.3	326.0	293.6	277.3	266.3	244.1	227.5
145°	349.8	361.4	349.8	338.1	335.2	315.3	288.7	275.5	266.3	247.9	234.1
147.5°	334.4	344.2	334.4	324.8	322.4	306.8	285.9	275.5	268.1	253.3	242.3
150°	324.9	332.8	324.9	317.1	315.1	301.9	284.2	275.5	269.0	256.2	246.6
152.5°	316.7	322.6	316.7	310.8	309.3	298.0	282.9	275.5	269.7	258.1	249.4
155°	307.2	311.2	307.2	303.3	302.4	293.4	281.4	275.5	271.1	262.2	255.5
157.5°	299.9	302.6	299.9	297.0	296.4	289.4	280.1	275.5	272.4	266.3	261.7
160°	295.4	297.0	295.4	293.8	293.4	287.4	279.5	275.5	273.0	268.2	264.5
162.5°	292.5	294.0	292.5	291.0	290.6	285.6	278.8	275.5	273.7	270.1	267.5
165°	288.3	289.9	288.3	286.7	286.3	282.7	277.9	275.5	274.7	273.1	271.9
167.5°	285.3	285.9	285.3	284.6	284.4	282.1	278.9	277.3	276.7	275.4	274.3
170°	284.4	284.4	284.4	284.4	284.4	282.1	278.9	277.3	277.3	277.2	277.1
172.5°	282.2	281.6	282.2	282.7	282.9	281.1	278.5	277.3	277.3	277.3	277.3
175°	280.9	280.9	280.9	280.9	280.9	279.7	278.1	277.3	277.7	278.4	279.0
177.5°	279.7	279.0	279.7	280.3	280.5	279.6	278.4	277.7	278.0	278.5	279.0
180°	279.0	279.0	279.0	279.0	279.0	279.0	279.0	279.0	279.0	279.0	279.0



TEST NUMBER: P934147

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-5000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6
2.5°	3391.0	3372.0	3372.0	3340.5	3327.8	3318.3	3302.5	3255.0	3242.4	3229.7	3248.8
5°	3419.5	3384.8	3359.4	3302.5	3255.0	3236.0	3175.9	3062.1	2986.2	2929.2	2897.6
7.5°	3425.9	3381.6	3334.1	3245.6	3131.6	3081.1	2897.6	2688.8	2631.9	2581.3	2549.6
10°	3419.5	3369.0	3302.5	3169.6	2900.8	2812.2	2628.7	2492.7	2457.9	2448.4	2457.9
12.5°	3397.4	3349.9	3258.2	3036.8	2660.4	2600.3	2492.7	2413.6	2407.2	2423.1	2508.5
15°	3359.4	3315.1	3207.6	2859.6	2527.4	2483.2	2407.2	2378.8	2413.6	2524.4	2780.6
17.5°	3321.5	3270.8	3138.0	2685.7	2426.2	2394.6	2340.9	2397.8	2593.9	2742.6	2828.0
20°	3270.8	3210.7	3058.9	2559.1	2353.5	2325.0	2299.8	2556.0	2704.7	2758.4	2805.9
22.5°	3210.7	3147.5	2951.3	2470.5	2277.6	2255.4	2271.2	2644.6	2704.7	2742.6	2783.7
25°	3131.6	3077.9	2824.9	2401.0	2217.5	2192.2	2252.3	2635.0	2669.8	2679.3	2761.6
27.5°	3058.9	2989.3	2692.0	2337.7	2144.7	2135.2	2268.1	2593.9	2619.2	2628.7	2717.3
30°	2970.3	2866.0	2543.3	2271.2	2068.8	2065.6	2271.2	2543.3	2537.0	2562.3	2650.8
32.5°	2878.6	2682.5	2375.6	2189.0	1996.1	1992.9	2249.1	2467.3	2461.1	2495.9	2562.3
35°	2793.2	2540.2	2147.9	2094.1	1904.3	1907.5	2195.3	2378.8	2382.0	2413.6	2454.7
37.5°	2704.7	2416.8	1898.0	1989.7	1815.8	1815.8	2122.5	2296.6	2290.2	2299.8	2356.7
40°	2600.3	2223.8	1676.6	1853.7	1733.5	1724.0	2034.0	2208.0	2185.8	2182.7	2261.8
42.5°	2489.5	2011.9	1512.1	1673.4	1638.6	1625.9	1926.4	2100.5	2059.3	2068.8	2170.0
45°	2369.3	1954.9	1385.5	1414.0	1540.5	1531.0	1809.4	1977.1	1948.6	1973.9	2078.3
47.5°	2249.1	1841.0	1344.4	1173.6	1436.2	1433.0	1679.8	1856.9	1841.0	1866.3	1977.1
50°	2084.6	1714.5	1341.2	1005.9	1319.1	1331.8	1524.7	1739.9	1739.9	1761.9	1879.0
52.5°	1872.7	1559.5	1217.8	911.1	1183.1	1221.0	1388.7	1638.6	1644.9	1667.0	1771.5
55°	1679.8	1398.2	1129.3	838.2	1021.7	1104.0	1255.9	1534.2	1546.8	1569.0	1663.9
57.5°	1502.5	1164.1	1110.3	752.9	873.1	952.2	1138.8	1433.0	1439.3	1458.3	1550.0
60°	1312.8	841.4	1018.5	661.1	743.4	803.5	1031.3	1312.8	1334.9	1347.6	1426.6
62.5°	1097.6	610.5	923.7	597.8	680.1	692.8	942.7	1198.9	1227.4	1236.9	1284.3
65°	781.3	512.5	784.5	544.1	613.6	616.8	847.8	1081.8	1107.2	1123.0	1157.7
67.5°	528.3	417.5	597.8	493.4	563.1	566.2	756.0	945.8	980.6	993.3	1015.5
70°	367.0	278.4	442.9	439.7	506.1	512.5	657.9	822.4	854.1	863.6	876.2
72.5°	268.9	224.6	367.0	395.4	446.0	452.4	556.7	683.3	714.9	724.4	730.8
75°	205.6	237.2	297.3	344.8	379.6	382.8	455.5	556.7	578.9	585.2	588.4
77.5°	164.5	221.4	218.3	278.4	310.0	303.7	357.4	430.2	449.2	449.2	449.2
80°	123.4	173.9	164.5	199.3	227.8	221.4	256.2	306.9	313.1	319.5	316.3
82.5°	91.7	110.7	110.7	126.6	151.8	145.5	170.9	199.3	199.3	199.3	205.6
85°	56.9	63.3	50.6	66.5	85.4	82.3	94.9	107.6	110.7	110.7	104.4
87.5°	34.8	28.5	15.8	25.3	37.9	37.9	44.3	47.5	44.3	44.3	44.3
90°	4.9	3.4	1.9	3.4	4.9	5.2	8.2	12.2	14.2	12.6	9.4
92.5°	33.0	20.2	7.5	20.2	33.0	36.2	50.8	70.4	80.1	70.2	50.5
95°	64.6	41.2	17.9	41.2	64.6	70.4	125.0	197.8	234.2	209.0	158.6
97.5°	72.2	51.7	31.1	51.7	72.2	77.3	168.3	289.8	350.5	334.6	302.8
100°	78.4	59.8	41.2	59.8	78.4	83.1	184.1	318.8	386.2	387.4	389.8
102.5°	84.6	67.2	49.8	67.2	84.6	88.9	191.4	328.1	396.4	416.7	457.3
105°	93.9	79.2	64.4	79.2	93.9	97.6	196.8	329.1	395.3	440.8	531.8
107.5°	106.8	93.1	79.4	93.1	106.8	110.3	197.8	314.4	372.8	436.2	563.3
110°	114.3	101.9	89.5	101.9	114.3	117.4	196.3	301.4	354.1	425.0	567.0



TEST NUMBER: P934147

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-5000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	123.0	111.2	99.5	111.2	123.0	126.0	196.4	290.1	337.1	409.7	554.9
115°	136.2	125.3	114.4	125.3	136.2	138.9	198.2	277.1	316.6	386.6	526.6
117.5°	149.0	139.1	129.2	139.1	149.0	151.5	201.9	269.0	302.6	365.8	492.0
120°	156.5	147.1	137.8	147.1	156.5	158.8	204.9	266.3	297.0	354.6	470.1
122.5°	165.1	155.6	146.2	155.6	165.1	167.4	209.2	264.8	292.7	344.6	448.6
125°	176.3	167.8	159.2	167.8	176.3	178.4	215.0	263.7	288.0	332.1	420.4
127.5°	186.9	178.2	169.6	178.2	186.9	189.1	220.8	262.9	284.1	322.0	397.8
130°	193.9	184.6	175.3	184.6	193.9	196.2	225.0	263.4	282.6	316.3	383.8
132.5°	199.7	190.4	181.1	190.4	199.7	202.0	228.4	263.7	281.3	311.4	371.8
135°	206.7	198.2	189.7	198.2	206.7	208.8	232.2	263.4	279.0	304.3	354.9
137.5°	215.3	206.9	198.4	206.9	215.3	217.4	237.8	265.0	278.6	300.0	342.8
140°	221.2	213.5	205.7	213.5	221.2	223.2	241.2	265.3	277.3	295.8	332.8
142.5°	225.7	218.5	211.4	218.5	225.7	227.5	244.1	266.3	277.3	293.6	326.0
145°	232.5	226.3	220.0	226.3	232.5	234.1	247.9	266.3	275.5	288.7	315.3
147.5°	240.8	234.7	228.6	234.7	240.8	242.3	253.3	268.1	275.5	285.9	306.8
150°	245.2	239.8	234.2	239.8	245.2	246.6	256.2	269.0	275.5	284.2	301.9
152.5°	248.4	244.1	240.0	244.1	248.4	249.4	258.1	269.7	275.5	282.9	298.0
155°	254.8	251.7	248.6	251.7	254.8	255.5	262.2	271.1	275.5	281.4	293.4
157.5°	261.0	258.0	255.0	258.0	261.0	261.7	266.3	272.4	275.5	280.1	289.4
160°	264.0	261.6	259.3	261.6	264.0	264.5	268.2	273.0	275.5	279.5	287.4
162.5°	267.0	265.4	263.6	265.4	267.0	267.5	270.1	273.7	275.5	278.8	285.6
165°	271.5	269.9	268.4	269.9	271.5	271.9	273.1	274.7	275.5	277.9	282.7
167.5°	274.1	273.4	272.7	273.4	274.1	274.3	275.4	276.7	277.3	278.9	282.1
170°	277.0	276.2	275.5	276.2	277.0	277.1	277.2	277.3	277.3	278.9	282.1
172.5°	277.3	277.1	277.0	277.1	277.3	277.3	277.3	277.3	277.3	278.5	281.1
175°	279.0	279.0	279.0	279.0	279.0	279.0	278.4	277.7	277.3	278.1	279.7
177.5°	279.0	279.0	279.0	279.0	279.0	279.0	278.5	278.0	277.7	278.4	279.6
180°	279.0	279.0	279.0	279.0	279.0	279.0	279.0	279.0	279.0	279.0	279.0



TEST NUMBER: P934147

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-5000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6
2.5°	3226.6	3217.1	3229.7	3194.9	3229.7	3217.1	3226.6	3248.8	3229.7	3242.4	3255.0
5°	2831.1	2815.3	2764.8	2723.6	2764.8	2815.3	2831.1	2897.6	2929.2	2986.2	3062.1
7.5°	2530.6	2518.0	2505.3	2480.1	2505.3	2518.0	2530.6	2549.6	2581.3	2631.9	2688.8
10°	2464.3	2467.3	2486.3	2483.2	2486.3	2467.3	2464.3	2457.9	2448.4	2457.9	2492.7
12.5°	2635.0	2663.5	2767.9	2761.6	2767.9	2663.5	2635.0	2508.5	2423.1	2407.2	2413.6
15°	2831.1	2840.7	2862.8	2866.0	2862.8	2840.7	2831.1	2780.6	2524.4	2413.6	2378.8
17.5°	2850.1	2853.3	2869.1	2869.1	2869.1	2853.3	2850.1	2828.0	2742.6	2593.9	2397.8
20°	2834.3	2840.7	2872.3	2878.6	2872.3	2840.7	2834.3	2805.9	2758.4	2704.7	2556.0
22.5°	2828.0	2840.7	2866.0	2862.8	2866.0	2840.7	2828.0	2783.7	2742.6	2704.7	2644.6
25°	2796.4	2796.4	2799.5	2802.7	2799.5	2796.4	2796.4	2761.6	2679.3	2669.8	2635.0
27.5°	2729.9	2736.3	2755.2	2752.1	2755.2	2736.3	2729.9	2717.3	2628.7	2619.2	2593.9
30°	2669.8	2663.5	2647.6	2635.0	2647.6	2663.5	2669.8	2650.8	2562.3	2537.0	2543.3
32.5°	2568.6	2552.8	2537.0	2527.4	2537.0	2552.8	2568.6	2562.3	2495.9	2461.1	2467.3
35°	2448.4	2451.5	2448.4	2438.9	2448.4	2451.5	2448.4	2454.7	2413.6	2382.0	2378.8
37.5°	2363.0	2369.3	2366.1	2353.5	2366.1	2369.3	2363.0	2356.7	2299.8	2290.2	2296.6
40°	2274.4	2277.6	2274.4	2264.9	2274.4	2277.6	2274.4	2261.8	2182.7	2185.8	2208.0
42.5°	2189.0	2185.8	2176.4	2170.0	2176.4	2185.8	2189.0	2170.0	2068.8	2059.3	2100.5
45°	2090.9	2094.1	2075.1	2065.6	2075.1	2094.1	2090.9	2078.3	1973.9	1948.6	1977.1
47.5°	1992.9	1992.9	1977.1	1967.6	1977.1	1992.9	1992.9	1977.1	1866.3	1841.0	1856.9
50°	1888.5	1885.3	1863.1	1860.1	1863.1	1885.3	1888.5	1879.0	1761.9	1739.9	1739.9
52.5°	1768.3	1768.3	1771.5	1777.8	1771.5	1768.3	1768.3	1771.5	1667.0	1644.9	1638.6
55°	1663.9	1667.0	1689.2	1695.6	1689.2	1667.0	1663.9	1663.9	1569.0	1546.8	1534.2
57.5°	1556.4	1556.4	1572.2	1572.2	1572.2	1556.4	1556.4	1550.0	1458.3	1439.3	1433.0
60°	1433.0	1439.3	1452.0	1448.8	1452.0	1439.3	1433.0	1426.6	1347.6	1334.9	1312.8
62.5°	1303.3	1309.6	1312.8	1306.4	1312.8	1309.6	1303.3	1284.3	1236.9	1227.4	1198.9
65°	1167.3	1173.6	1176.8	1170.4	1176.8	1173.6	1167.3	1157.7	1123.0	1107.2	1081.8
67.5°	1028.1	1024.9	1021.7	1034.4	1021.7	1024.9	1028.1	1015.5	993.3	980.6	945.8
70°	885.7	885.7	882.5	888.9	882.5	885.7	885.7	876.2	863.6	854.1	822.4
72.5°	733.9	730.8	743.4	733.9	743.4	730.8	733.9	730.8	724.4	714.9	683.3
75°	585.2	591.6	585.2	594.7	585.2	591.6	585.2	588.4	585.2	578.9	556.7
77.5°	446.0	452.4	446.0	446.0	446.0	452.4	446.0	449.2	449.2	449.2	430.2
80°	316.3	313.1	313.1	310.0	313.1	313.1	316.3	316.3	319.5	313.1	306.9
82.5°	202.5	199.3	199.3	205.6	199.3	199.3	202.5	205.6	199.3	199.3	199.3
85°	110.7	113.8	107.6	107.6	107.6	113.8	110.7	104.4	110.7	110.7	107.6
87.5°	41.1	37.9	37.9	37.9	37.9	37.9	41.1	44.3	44.3	44.3	47.5
90°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	9.4	12.6	14.2	12.2
92.5°	35.6	34.2	28.5	22.8	28.5	34.2	35.6	50.5	70.2	80.1	70.4
95°	120.8	116.5	99.4	82.2	99.4	116.5	120.8	158.6	209.0	234.2	197.8
97.5°	278.8	270.7	238.0	205.4	238.0	270.7	278.8	302.8	334.6	350.5	289.8
100°	391.5	381.8	342.9	304.1	342.9	381.8	391.5	389.8	387.4	386.2	318.8
102.5°	487.7	479.4	446.1	412.9	446.1	479.4	487.7	457.3	416.7	396.4	328.1
105°	600.1	595.6	577.7	559.8	577.7	595.6	600.1	531.8	440.8	395.3	329.1
107.5°	658.5	659.6	663.9	668.2	663.9	659.6	658.5	563.3	436.2	372.8	314.4
110°	673.5	678.1	696.7	715.4	696.7	678.1	673.5	567.0	425.0	354.1	301.4



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	663.9	671.1	699.7	728.3	699.7	671.1	663.9	554.9	409.7	337.1	290.1
115°	631.6	641.5	681.2	720.8	681.2	641.5	631.6	526.6	386.6	316.6	277.1
117.5°	586.8	597.8	641.9	685.9	641.9	597.8	586.8	492.0	365.8	302.6	269.0
120°	556.6	567.3	610.1	652.9	610.1	567.3	556.6	470.1	354.6	297.0	266.3
122.5°	526.5	537.1	579.2	621.4	579.2	537.1	526.5	448.6	344.6	292.7	264.8
125°	486.6	496.3	535.2	574.1	535.2	496.3	486.6	420.4	332.1	288.0	263.7
127.5°	454.6	462.9	495.6	528.4	495.6	462.9	454.6	397.8	322.0	284.1	262.9
130°	434.4	441.9	472.2	502.5	472.2	441.9	434.4	383.8	316.3	282.6	263.4
132.5°	417.2	424.0	451.1	478.2	451.1	424.0	417.2	371.8	311.4	281.3	263.7
135°	392.9	398.7	422.0	445.4	422.0	398.7	392.9	354.9	304.3	279.0	263.4
137.5°	374.8	379.6	398.7	417.9	398.7	379.6	374.8	342.8	300.0	278.6	265.0
140°	360.4	364.9	382.8	400.7	382.8	364.9	360.4	332.8	295.8	277.3	265.3
142.5°	350.3	354.2	369.6	384.9	369.6	354.2	350.3	326.0	293.6	277.3	266.3
145°	335.2	338.1	349.8	361.4	349.8	338.1	335.2	315.3	288.7	275.5	266.3
147.5°	322.4	324.8	334.4	344.2	334.4	324.8	322.4	306.8	285.9	275.5	268.1
150°	315.1	317.1	324.9	332.8	324.9	317.1	315.1	301.9	284.2	275.5	269.0
152.5°	309.3	310.8	316.7	322.6	316.7	310.8	309.3	298.0	282.9	275.5	269.7
155°	302.4	303.3	307.2	311.2	307.2	303.3	302.4	293.4	281.4	275.5	271.1
157.5°	296.4	297.0	299.9	302.6	299.9	297.0	296.4	289.4	280.1	275.5	272.4
160°	293.4	293.8	295.4	297.0	295.4	293.8	293.4	287.4	279.5	275.5	273.0
162.5°	290.6	291.0	292.5	294.0	292.5	291.0	290.6	285.6	278.8	275.5	273.7
165°	286.3	286.7	288.3	289.9	288.3	286.7	286.3	282.7	277.9	275.5	274.7
167.5°	284.4	284.6	285.3	285.9	285.3	284.6	284.4	282.1	278.9	277.3	276.7
170°	284.4	284.4	284.4	284.4	284.4	284.4	284.4	282.1	278.9	277.3	277.3
172.5°	282.9	282.7	282.2	281.6	282.2	282.7	282.9	281.1	278.5	277.3	277.3
175°	280.9	280.9	280.9	280.9	280.9	280.9	280.9	279.7	278.1	277.3	277.7
177.5°	280.5	280.3	279.7	279.0	279.7	280.3	280.5	279.6	278.4	277.7	278.0
180°	279.0	279.0	279.0	279.0	279.0	279.0	279.0	279.0	279.0	279.0	279.0



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	3343.6	3343.6	3343.6	3343.6	3343.6
2.5°	3302.5	3318.3	3327.8	3340.5	3372.0
5°	3175.9	3236.0	3255.0	3302.5	3359.4
7.5°	2897.6	3081.1	3131.6	3245.6	3334.1
10°	2628.7	2812.2	2900.8	3169.6	3302.5
12.5°	2492.7	2600.3	2660.4	3036.8	3258.2
15°	2407.2	2483.2	2527.4	2859.6	3207.6
17.5°	2340.9	2394.6	2426.2	2685.7	3138.0
20°	2299.8	2325.0	2353.5	2559.1	3058.9
22.5°	2271.2	2255.4	2277.6	2470.5	2951.3
25°	2252.3	2192.2	2217.5	2401.0	2824.9
27.5°	2268.1	2135.2	2144.7	2337.7	2692.0
30°	2271.2	2065.6	2068.8	2271.2	2543.3
32.5°	2249.1	1992.9	1996.1	2189.0	2375.6
35°	2195.3	1907.5	1904.3	2094.1	2147.9
37.5°	2122.5	1815.8	1815.8	1989.7	1898.0
40°	2034.0	1724.0	1733.5	1853.7	1676.6
42.5°	1926.4	1625.9	1638.6	1673.4	1512.1
45°	1809.4	1531.0	1540.5	1414.0	1385.5
47.5°	1679.8	1433.0	1436.2	1173.6	1344.4
50°	1524.7	1331.8	1319.1	1005.9	1341.2
52.5°	1388.7	1221.0	1183.1	911.1	1217.8
55°	1255.9	1104.0	1021.7	838.2	1129.3
57.5°	1138.8	952.2	873.1	752.9	1110.3
60°	1031.3	803.5	743.4	661.1	1018.5
62.5°	942.7	692.8	680.1	597.8	923.7
65°	847.8	616.8	613.6	544.1	784.5
67.5°	756.0	566.2	563.1	493.4	597.8
70°	657.9	512.5	506.1	439.7	442.9
72.5°	556.7	452.4	446.0	395.4	367.0
75°	455.5	382.8	379.6	344.8	297.3
77.5°	357.4	303.7	310.0	278.4	218.3
80°	256.2	221.4	227.8	199.3	164.5
82.5°	170.9	145.5	151.8	126.6	110.7
85°	94.9	82.3	85.4	66.5	50.6
87.5°	44.3	37.9	37.9	25.3	15.8
90°	8.2	5.2	4.9	3.4	1.9
92.5°	50.8	36.2	33.0	20.2	7.5
95°	125.0	70.4	64.6	41.2	17.9
97.5°	168.3	77.3	72.2	51.7	31.1
100°	184.1	83.1	78.4	59.8	41.2
102.5°	191.4	88.9	84.6	67.2	49.8
105°	196.8	97.6	93.9	79.2	64.4
107.5°	197.8	110.3	106.8	93.1	79.4
110°	196.3	117.4	114.3	101.9	89.5



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CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-5000K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	196.4	126.0	123.0	111.2	99.5
115°	198.2	138.9	136.2	125.3	114.4
117.5°	201.9	151.5	149.0	139.1	129.2
120°	204.9	158.8	156.5	147.1	137.8
122.5°	209.2	167.4	165.1	155.6	146.2
125°	215.0	178.4	176.3	167.8	159.2
127.5°	220.8	189.1	186.9	178.2	169.6
130°	225.0	196.2	193.9	184.6	175.3
132.5°	228.4	202.0	199.7	190.4	181.1
135°	232.2	208.8	206.7	198.2	189.7
137.5°	237.8	217.4	215.3	206.9	198.4
140°	241.2	223.2	221.2	213.5	205.7
142.5°	244.1	227.5	225.7	218.5	211.4
145°	247.9	234.1	232.5	226.3	220.0
147.5°	253.3	242.3	240.8	234.7	228.6
150°	256.2	246.6	245.2	239.8	234.2
152.5°	258.1	249.4	248.4	244.1	240.0
155°	262.2	255.5	254.8	251.7	248.6
157.5°	266.3	261.7	261.0	258.0	255.0
160°	268.2	264.5	264.0	261.6	259.3
162.5°	270.1	267.5	267.0	265.4	263.6
165°	273.1	271.9	271.5	269.9	268.4
167.5°	275.4	274.3	274.1	273.4	272.7
170°	277.2	277.1	277.0	276.2	275.5
172.5°	277.3	277.3	277.3	277.1	277.0
175°	278.4	279.0	279.0	279.0	279.0
177.5°	278.5	279.0	279.0	279.0	279.0
180°	279.0	279.0	279.0	279.0	279.0



TEST NUMBER: P934147  
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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	16.94	18.20	17.56	18.83	19.54	19.78	21.04	20.40	21.67	22.38
	3H	17.45	18.58	18.08	19.22	19.96	21.16	22.29	21.79	22.93	23.67
	4H	17.66	18.73	18.31	19.37	20.13	21.62	22.69	22.27	23.34	24.10
	6H	17.80	18.78	18.46	19.44	20.22	21.93	22.91	22.59	23.57	24.35
	8H	17.81	18.75	18.48	19.43	20.21	22.02	22.96	22.69	23.64	24.41
	12H	17.79	18.69	18.47	19.36	20.17	22.07	22.97	22.75	23.64	24.45
4H	2H	18.02	19.09	18.68	19.74	20.50	20.24	21.30	20.89	21.95	22.71
	3H	19.09	19.98	19.75	20.67	21.44	21.78	22.67	22.44	23.36	24.14
	4H	19.38	20.19	20.06	20.88	21.69	22.33	23.13	23.01	23.83	24.64
	6H	19.53	20.23	20.23	20.94	21.77	22.72	23.42	23.42	24.13	24.95
	8H	19.54	20.20	20.25	20.91	21.74	22.83	23.49	23.54	24.20	25.03
	12H	19.53	20.12	20.26	20.86	21.69	22.91	23.50	23.64	24.24	25.08
8H	4H	19.87	20.52	20.57	21.24	22.07	22.48	23.14	23.19	23.85	24.68
	6H	20.14	20.69	20.88	21.44	22.28	22.94	23.48	23.67	24.24	25.07
	8H	20.19	20.67	20.94	21.43	22.28	23.10	23.58	23.84	24.34	25.19
	12H	20.19	20.62	20.94	21.37	22.28	23.21	23.64	23.96	24.39	25.30
12H	4H	19.89	20.48	20.62	21.22	22.06	22.47	23.05	23.19	23.79	24.63
	6H	20.21	20.69	20.96	21.45	22.30	22.94	23.42	23.69	24.18	25.03
	8H	20.29	20.72	21.05	21.47	22.38	23.12	23.55	23.87	24.29	25.21