

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: P934165

Luminaire Tested: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-8-3000K

Issue Date: 12/17/2024

**Test Information**

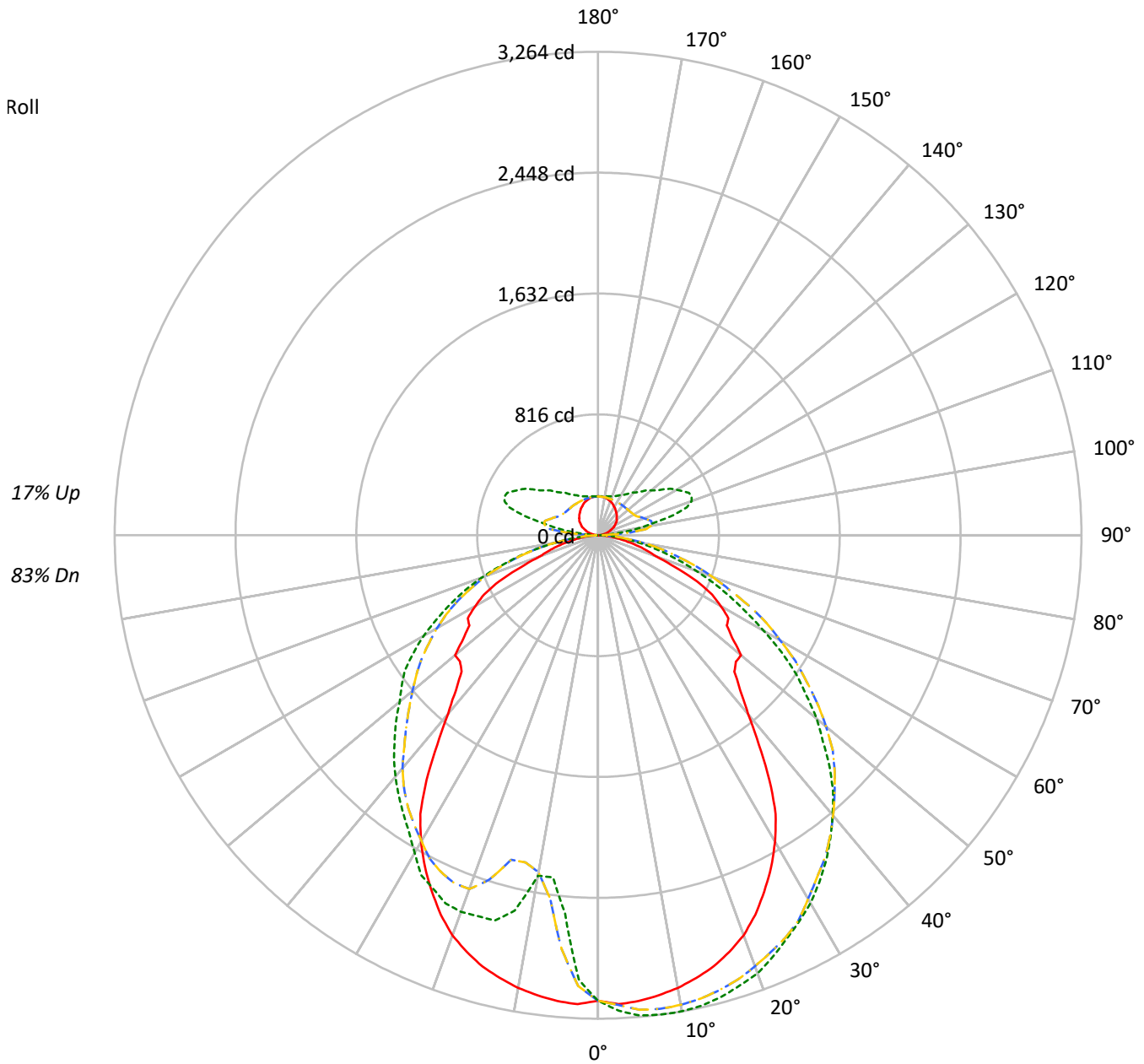
Test Method: LM-79-2019  
Report Number: P934165  
REPORT IS A COMBINATION OF REPORTS P933688 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-8-3000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9846.7 lumens  
Efficiency: N/A  
Efficacy: 99.3 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
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°	14577	14577	14577	14577
5°	14686	14715	14686	11570
10°	14588	14495	14588	10363
15°	14429	14180	14429	11841
20°	14127	13808	14127	11866
25°	13510	13266	13510	11615
30°	12712	12816	12712	11062
35°	11332	12246	11332	10456
40°	9443	11575	9443	9997
45°	8437	10790	8437	9470
50°	8963	9853	8963	8941
55°	8433	8845	8433	8635
60°	8693	7512	8693	7909
65°	7882	6210	7882	6941
70°	5457	4949	5457	5819
75°	4785	3657	4785	4380
80°	3857	2418	3857	2633
85°	2212	1281	2212	1089

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 12931 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	283.6	2.9
10°-20°	805.2	8.2
20°-30°	1244.8	12.6
30°-40°	1486.0	15.1
40°-50°	1494.7	15.2
50°-60°	1300.5	13.2
60°-70°	922.1	9.4
70°-80°	487.9	5.0
80°-90°	122.5	1.2
90°-100°	127.8	1.3
100°-110°	336.0	3.4
110°-120°	348.3	3.5
120°-130°	279.4	2.8
130°-140°	219.2	2.2
140°-150°	168.3	1.7
150°-160°	121.2	1.2
160°-170°	74.2	0.8
170°-180°	25.1	0.3
0°-30°	2333.6	23.7
0°-40°	3819.6	38.8
0°-60°	6614.8	67.2
0°-90°	8147.3	82.7
90°-120°	812.1	8.2
90°-150°	1479.0	15.0
90°-180°	1699.0	17.3
0°-180°	9846.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3142	3142	3142	3142	3142	
5°	3157	3255	3157	2559	3157	299
15°	3014	3225	3014	2693	3014	848
25°	2654	3008	2654	2634	2654	1219
35°	2018	2684	2018	2292	2018	1249
45°	1302	2212	1302	1941	1302	1043
55°	1061	1632	1061	1593	1061	975
65°	737	984	737	1100	737	705
75°	279	467	279	559	279	294
85°	48	119	48	101	48	64
90°	2	7	2	7	2	3
95°	17	77	17	77	17	19
105°	60	526	60	526	60	64
115°	108	677	108	677	108	106
125°	150	540	150	540	150	133
135°	178	418	178	418	178	138
145°	207	340	207	340	207	130
155°	234	292	234	292	234	107
165°	252	272	252	272	252	71
175°	262	264	262	264	262	25
180°	262	262	262	262	262	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3141.9	3141.9	3141.9	3141.9	3141.9	3141.9	3141.9	3141.9	3141.9	3141.9	3141.9
2.5°	3168.6	3168.6	3186.4	3192.4	3192.4	3183.5	3174.5	3183.5	3210.2	3219.1	3216.2
5°	3156.7	3180.5	3213.2	3219.1	3225.0	3222.1	3216.2	3222.1	3251.8	3257.8	3260.8
7.5°	3132.9	3177.5	3219.1	3228.0	3237.0	3228.0	3225.0	3231.0	3260.8	3266.7	3266.7
10°	3103.2	3165.7	3213.2	3219.1	3228.0	3219.1	3219.1	3231.0	3260.8	3266.7	3269.7
12.5°	3061.6	3147.7	3192.4	3198.3	3210.2	3207.2	3204.3	3216.2	3245.8	3251.8	3251.8
15°	3014.1	3115.1	3156.7	3162.7	3183.5	3177.5	3177.5	3189.4	3222.1	3231.0	3228.0
17.5°	2948.6	3073.4	3121.0	3129.9	3144.8	3141.9	3144.8	3156.7	3186.4	3192.4	3195.3
20°	2874.3	3017.0	3073.4	3082.4	3097.2	3097.2	3097.2	3112.1	3141.9	3153.7	3153.7
22.5°	2773.2	2957.6	3017.0	3022.9	3040.8	3040.8	3046.7	3067.6	3094.3	3097.2	3097.2
25°	2654.4	2892.2	2942.7	2960.5	2978.3	2987.3	2996.2	3008.1	3017.0	3014.1	3017.0
27.5°	2529.5	2808.9	2874.3	2886.2	2910.0	2918.9	2930.8	2933.8	2936.8	2945.6	2939.7
30°	2389.9	2693.0	2791.1	2803.0	2841.7	2847.5	2835.7	2841.7	2856.5	2862.5	2868.4
32.5°	2232.3	2520.6	2704.9	2731.7	2767.4	2749.5	2746.5	2755.4	2779.2	2779.2	2785.2
35°	2018.2	2386.9	2624.6	2648.4	2675.1	2654.4	2666.3	2669.2	2684.1	2693.0	2690.1
37.5°	1783.5	2270.9	2541.5	2559.3	2580.1	2553.3	2571.1	2580.1	2592.0	2586.0	2586.0
40°	1575.4	2089.6	2443.3	2455.2	2473.0	2452.2	2470.0	2476.0	2482.0	2476.0	2473.0
42.5°	1420.8	1890.5	2339.3	2354.1	2342.3	2357.1	2363.1	2374.9	2366.1	2354.1	2354.1
45°	1301.9	1837.0	2226.3	2244.1	2226.3	2250.1	2259.1	2259.1	2232.3	2226.3	2223.3
47.5°	1263.3	1729.9	2113.4	2113.4	2104.5	2134.2	2149.0	2128.2	2101.5	2092.6	2092.6
50°	1260.3	1611.1	1958.8	1946.9	1988.6	2024.2	2009.4	1988.6	1967.7	1935.1	1935.1
52.5°	1144.3	1465.4	1759.7	1804.3	1869.6	1890.5	1866.7	1845.8	1810.2	1795.3	1783.5
55°	1061.2	1313.9	1578.4	1667.5	1735.9	1762.7	1718.0	1697.2	1643.7	1634.9	1628.9
57.5°	1043.3	1093.8	1411.9	1524.8	1608.1	1605.1	1578.4	1539.7	1495.1	1486.2	1483.3
60°	957.1	790.6	1233.6	1367.3	1453.5	1444.6	1420.8	1385.2	1343.5	1337.6	1331.7
62.5°	867.9	573.7	1031.4	1183.0	1304.9	1301.9	1281.1	1227.6	1197.9	1183.0	1171.1
65°	737.2	481.6	734.2	983.9	1159.3	1165.2	1120.6	1082.0	1049.2	1031.4	1028.5
67.5°	561.8	392.3	496.4	820.4	1019.5	1013.6	957.1	939.3	897.7	888.8	870.9
70°	416.1	261.6	344.8	665.8	882.8	867.9	823.3	802.6	763.9	743.1	731.2
72.5°	344.8	211.1	252.7	517.2	743.1	725.3	686.7	662.9	630.2	612.4	600.4
75°	279.4	222.9	193.2	383.5	603.4	591.5	555.9	532.1	505.3	481.6	484.5
77.5°	205.1	208.1	154.6	282.4	478.6	460.8	439.9	410.2	398.3	374.5	374.5
80°	154.6	163.5	115.9	193.2	344.8	344.8	327.0	306.2	285.4	273.5	273.5
82.5°	104.0	104.0	86.2	121.9	234.9	225.9	214.0	208.1	196.2	190.2	190.2
85°	47.5	59.5	53.5	74.3	127.8	133.8	133.8	127.8	124.8	118.9	121.9
87.5°	14.8	26.8	32.7	41.6	65.4	68.3	71.3	71.3	71.3	74.3	74.3
90°	1.8	3.2	4.6	4.9	7.7	11.5	13.4	11.9	8.9	6.7	6.7
92.5°	7.0	19.0	31.0	34.0	47.8	66.1	75.3	66.0	47.4	33.5	32.1
95°	16.9	38.7	60.7	66.1	117.4	185.8	220.1	196.4	149.0	113.5	109.4
97.5°	29.2	48.6	67.8	72.6	158.2	272.3	329.4	314.4	284.5	262.0	254.4
100°	38.7	56.2	73.7	78.1	173.0	299.6	362.9	364.1	366.3	367.9	358.8
102.5°	46.8	63.1	79.5	83.5	179.9	308.3	372.5	391.5	429.7	458.3	450.5
105°	60.5	74.4	88.3	91.7	185.0	309.2	371.4	414.2	499.8	563.9	559.7
107.5°	74.6	87.5	100.4	103.6	185.8	295.5	350.3	409.9	529.3	618.8	619.8
110°	84.1	95.7	107.4	110.3	184.4	283.3	332.7	399.4	532.8	632.8	637.2



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	93.5	104.5	115.6	118.4	184.5	272.6	316.7	385.0	521.4	623.9	630.6
115°	107.5	117.7	128.0	130.5	186.2	260.4	297.5	363.3	494.8	593.5	602.8
117.5°	121.4	130.7	140.0	142.4	189.7	252.8	284.3	343.7	462.3	551.4	561.8
120°	129.5	138.2	147.0	149.2	192.5	250.2	279.0	333.2	441.7	523.0	533.0
122.5°	137.4	146.2	155.1	157.3	196.6	248.8	275.0	323.8	421.5	494.7	504.7
125°	149.6	157.7	165.6	167.7	202.0	247.8	270.6	312.1	395.1	457.2	466.4
127.5°	159.4	167.5	175.7	177.7	207.5	247.1	266.9	302.6	373.8	427.2	434.9
130°	164.7	173.5	182.2	184.4	211.4	247.5	265.5	297.2	360.6	408.1	415.3
132.5°	170.1	178.9	187.6	189.8	214.7	247.8	264.3	292.6	349.4	392.0	398.4
135°	178.2	186.2	194.2	196.2	218.2	247.5	262.2	286.0	333.5	369.1	374.6
137.5°	186.5	194.4	202.3	204.3	223.4	249.0	261.8	281.9	322.1	352.2	356.7
140°	193.3	200.6	207.9	209.7	226.7	249.3	260.6	278.0	312.7	338.7	342.9
142.5°	198.7	205.3	212.1	213.8	229.4	250.2	260.6	275.9	306.4	329.2	332.8
145°	206.8	212.6	218.4	219.9	232.9	250.2	258.8	271.3	296.3	315.0	317.7
147.5°	214.8	220.5	226.3	227.7	238.0	251.9	258.8	268.7	288.3	302.9	305.2
150°	220.1	225.3	230.4	231.7	240.7	252.8	258.8	267.1	283.7	296.1	297.9
152.5°	225.5	229.4	233.4	234.3	242.5	253.4	258.8	265.9	280.0	290.6	292.0
155°	233.6	236.5	239.4	240.1	246.4	254.7	258.8	264.5	275.7	284.1	285.0
157.5°	239.6	242.4	245.2	245.9	250.2	255.9	258.8	263.2	271.9	278.5	279.1
160°	243.6	245.8	248.0	248.6	252.0	256.6	258.8	262.6	270.1	275.7	276.1
162.5°	247.7	249.3	250.9	251.4	253.8	257.2	258.8	262.0	268.3	273.1	273.4
165°	252.2	253.7	255.1	255.5	256.6	258.1	258.8	261.1	265.6	269.0	269.4
167.5°	256.2	256.9	257.6	257.8	258.7	260.0	260.6	262.1	265.1	267.3	267.4
170°	258.8	259.5	260.2	260.4	260.5	260.6	260.6	262.1	265.1	267.3	267.3
172.5°	260.2	260.4	260.6	260.6	260.6	260.6	260.6	261.7	264.1	265.9	265.7
175°	262.2	262.2	262.2	262.2	261.6	260.9	260.6	261.3	262.8	263.9	263.9
177.5°	262.2	262.2	262.2	262.2	261.7	261.2	260.9	261.6	262.7	263.6	263.4
180°	262.2	262.2	262.2	262.2	262.2	262.2	262.2	262.2	262.2	262.2	262.2



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3141.9	3141.9	3141.9	3141.9	3141.9	3141.9	3141.9	3141.9	3141.9	3141.9	3141.9
2.5°	3222.1	3213.2	3222.1	3216.2	3219.1	3210.2	3183.5	3174.5	3183.5	3192.4	3192.4
5°	3260.8	3254.8	3260.8	3260.8	3257.8	3251.8	3222.1	3216.2	3222.1	3225.0	3219.1
7.5°	3272.6	3263.7	3272.6	3266.7	3266.7	3260.8	3231.0	3225.0	3228.0	3237.0	3228.0
10°	3272.6	3263.7	3272.6	3269.7	3266.7	3260.8	3231.0	3219.1	3219.1	3228.0	3219.1
12.5°	3257.8	3251.8	3257.8	3251.8	3251.8	3245.8	3216.2	3204.3	3207.2	3210.2	3198.3
15°	3234.0	3225.0	3234.0	3228.0	3231.0	3222.1	3189.4	3177.5	3177.5	3183.5	3162.7
17.5°	3198.3	3186.4	3198.3	3195.3	3192.4	3186.4	3156.7	3144.8	3141.9	3144.8	3129.9
20°	3156.7	3147.7	3156.7	3153.7	3153.7	3141.9	3112.1	3097.2	3097.2	3097.2	3082.4
22.5°	3091.3	3082.4	3091.3	3097.2	3097.2	3094.3	3067.6	3046.7	3040.8	3040.8	3022.9
25°	3017.0	3008.1	3017.0	3017.0	3014.1	3017.0	3008.1	2996.2	2987.3	2978.3	2960.5
27.5°	2945.6	2939.7	2945.6	2939.7	2945.6	2936.8	2933.8	2930.8	2918.9	2910.0	2886.2
30°	2874.3	2868.4	2874.3	2868.4	2862.5	2856.5	2841.7	2835.7	2847.5	2841.7	2803.0
32.5°	2785.2	2779.2	2785.2	2785.2	2779.2	2779.2	2755.4	2746.5	2749.5	2767.4	2731.7
35°	2693.0	2684.1	2693.0	2690.1	2693.0	2684.1	2669.2	2666.3	2654.4	2675.1	2648.4
37.5°	2586.0	2577.1	2586.0	2586.0	2586.0	2592.0	2580.1	2571.1	2553.3	2580.1	2559.3
40°	2476.0	2464.2	2476.0	2473.0	2476.0	2482.0	2476.0	2470.0	2452.2	2473.0	2455.2
42.5°	2351.2	2348.2	2351.2	2354.1	2354.1	2366.1	2374.9	2363.1	2357.1	2342.3	2354.1
45°	2217.4	2211.5	2217.4	2223.3	2226.3	2232.3	2259.1	2259.1	2250.1	2226.3	2244.1
47.5°	2074.7	2059.9	2074.7	2092.6	2092.6	2101.5	2128.2	2149.0	2134.2	2104.5	2113.4
50°	1923.1	1926.1	1923.1	1935.1	1935.1	1967.7	1988.6	2009.4	2024.2	1988.6	1946.9
52.5°	1774.5	1771.5	1774.5	1783.5	1795.3	1810.2	1845.8	1866.7	1890.5	1869.6	1804.3
55°	1625.9	1631.9	1625.9	1628.9	1634.9	1643.7	1697.2	1718.0	1762.7	1735.9	1667.5
57.5°	1477.3	1468.3	1477.3	1483.3	1486.2	1495.1	1539.7	1578.4	1605.1	1608.1	1524.8
60°	1304.9	1293.0	1304.9	1331.7	1337.6	1343.5	1385.2	1420.8	1444.6	1453.5	1367.3
62.5°	1153.3	1132.5	1153.3	1171.1	1183.0	1197.9	1227.6	1281.1	1301.9	1304.9	1183.0
65°	992.7	983.9	992.7	1028.5	1031.4	1049.2	1082.0	1120.6	1165.2	1159.3	983.9
67.5°	847.1	847.1	847.1	870.9	888.8	897.7	939.3	957.1	1013.6	1019.5	820.4
70°	713.4	710.4	713.4	731.2	743.1	763.9	802.6	823.3	867.9	882.8	665.8
72.5°	585.6	582.6	585.6	600.4	612.4	630.2	662.9	686.7	725.3	743.1	517.2
75°	472.6	466.6	472.6	484.5	481.6	505.3	532.1	555.9	591.5	603.4	383.5
77.5°	362.7	362.7	362.7	374.5	374.5	398.3	410.2	439.9	460.8	478.6	282.4
80°	270.5	267.5	270.5	273.5	273.5	285.4	306.2	327.0	344.8	344.8	193.2
82.5°	190.2	184.3	190.2	190.2	190.2	196.2	208.1	214.0	225.9	234.9	121.9
85°	118.9	118.9	118.9	121.9	118.9	124.8	127.8	133.8	133.8	127.8	74.3
87.5°	77.3	74.3	77.3	74.3	74.3	71.3	71.3	71.3	68.3	65.4	41.6
90°	6.7	6.7	6.7	6.7	6.7	8.9	11.9	13.4	11.5	7.7	4.9
92.5°	26.8	21.4	26.8	32.1	33.5	47.4	66.0	75.3	66.1	47.8	34.0
95°	93.4	77.2	93.4	109.4	113.5	149.0	196.4	220.1	185.8	117.4	66.1
97.5°	223.6	193.0	223.6	254.4	262.0	284.5	314.4	329.4	272.3	158.2	72.6
100°	322.2	285.7	322.2	358.8	367.9	366.3	364.1	362.9	299.6	173.0	78.1
102.5°	419.2	387.9	419.2	450.5	458.3	429.7	391.5	372.5	308.3	179.9	83.5
105°	542.9	526.0	542.9	559.7	563.9	499.8	414.2	371.4	309.2	185.0	91.7
107.5°	623.9	627.9	623.9	619.8	618.8	529.3	409.9	350.3	295.5	185.8	103.6
110°	654.7	672.3	654.7	637.2	632.8	532.8	399.4	332.7	283.3	184.4	110.3





TEST NUMBER: P934165

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	657.5	684.4	657.5	630.6	623.9	521.4	385.0	316.7	272.6	184.5	118.4
115°	640.1	677.3	640.1	602.8	593.5	494.8	363.3	297.5	260.4	186.2	130.5
117.5°	603.1	644.5	603.1	561.8	551.4	462.3	343.7	284.3	252.8	189.7	142.4
120°	573.3	613.5	573.3	533.0	523.0	441.7	333.2	279.0	250.2	192.5	149.2
122.5°	544.3	583.9	544.3	504.7	494.7	421.5	323.8	275.0	248.8	196.6	157.3
125°	502.9	539.5	502.9	466.4	457.2	395.1	312.1	270.6	247.8	202.0	167.7
127.5°	465.7	496.5	465.7	434.9	427.2	373.8	302.6	266.9	247.1	207.5	177.7
130°	443.7	472.2	443.7	415.3	408.1	360.6	297.2	265.5	247.5	211.4	184.4
132.5°	423.9	449.3	423.9	398.4	392.0	349.4	292.6	264.3	247.8	214.7	189.8
135°	396.6	418.5	396.6	374.6	369.1	333.5	286.0	262.2	247.5	218.2	196.2
137.5°	374.7	392.7	374.7	356.7	352.2	322.1	281.9	261.8	249.0	223.4	204.3
140°	359.7	376.5	359.7	342.9	338.7	312.7	278.0	260.6	249.3	226.7	209.7
142.5°	347.3	361.7	347.3	332.8	329.2	306.4	275.9	260.6	250.2	229.4	213.8
145°	328.7	339.6	328.7	317.7	315.0	296.3	271.3	258.8	250.2	232.9	219.9
147.5°	314.3	323.4	314.3	305.2	302.9	288.3	268.7	258.8	251.9	238.0	227.7
150°	305.3	312.7	305.3	297.9	296.1	283.7	267.1	258.8	252.8	240.7	231.7
152.5°	297.6	303.1	297.6	292.0	290.6	280.0	265.9	258.8	253.4	242.5	234.3
155°	288.7	292.4	288.7	285.0	284.1	275.7	264.5	258.8	254.7	246.4	240.1
157.5°	281.8	284.3	281.8	279.1	278.5	271.9	263.2	258.8	255.9	250.2	245.9
160°	277.5	279.0	277.5	276.1	275.7	270.1	262.6	258.8	256.6	252.0	248.6
162.5°	274.8	276.2	274.8	273.4	273.1	268.3	262.0	258.8	257.2	253.8	251.4
165°	270.9	272.4	270.9	269.4	269.0	265.6	261.1	258.8	258.1	256.6	255.5
167.5°	268.1	268.7	268.1	267.4	267.3	265.1	262.1	260.6	260.0	258.7	257.8
170°	267.3	267.3	267.3	267.3	267.3	265.1	262.1	260.6	260.6	260.5	260.4
172.5°	265.2	264.6	265.2	265.7	265.9	264.1	261.7	260.6	260.6	260.6	260.6
175°	263.9	263.9	263.9	263.9	263.9	262.8	261.3	260.6	260.9	261.6	262.2
177.5°	262.8	262.2	262.8	263.4	263.6	262.7	261.6	260.9	261.2	261.7	262.2
180°	262.2	262.2	262.2	262.2	262.2	262.2	262.2	262.2	262.2	262.2	262.2



TEST NUMBER: P934165

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3141.9	3141.9	3141.9	3141.9	3141.9	3141.9	3141.9	3141.9	3141.9	3141.9	3141.9
2.5°	3186.4	3168.6	3168.6	3138.9	3127.0	3118.1	3103.2	3058.6	3046.7	3034.8	3052.7
5°	3213.2	3180.5	3156.7	3103.2	3058.6	3040.8	2984.3	2877.3	2806.0	2752.4	2722.7
7.5°	3219.1	3177.5	3132.9	3049.7	2942.7	2895.1	2722.7	2526.5	2473.0	2425.5	2395.7
10°	3213.2	3165.7	3103.2	2978.3	2725.7	2642.5	2470.0	2342.3	2309.6	2300.6	2309.6
12.5°	3192.4	3147.7	3061.6	2853.5	2499.8	2443.3	2342.3	2267.9	2262.0	2276.9	2357.1
15°	3156.7	3115.1	3014.1	2687.1	2374.9	2333.4	2262.0	2235.3	2267.9	2372.0	2612.8
17.5°	3121.0	3073.4	2948.6	2523.6	2279.8	2250.1	2199.6	2253.1	2437.4	2577.1	2657.3
20°	3073.4	3017.0	2874.3	2404.7	2211.5	2184.7	2161.0	2401.7	2541.5	2592.0	2636.6
22.5°	3017.0	2957.6	2773.2	2321.4	2140.2	2119.3	2134.2	2485.0	2541.5	2577.1	2615.8
25°	2942.7	2892.2	2654.4	2256.1	2083.7	2059.9	2116.4	2476.0	2508.7	2517.6	2594.9
27.5°	2874.3	2808.9	2529.5	2196.6	2015.3	2006.4	2131.2	2437.4	2461.2	2470.0	2553.3
30°	2791.1	2693.0	2389.9	2134.2	1943.9	1941.0	2134.2	2389.9	2383.9	2407.7	2490.9
32.5°	2704.9	2520.6	2232.3	2056.9	1875.6	1872.6	2113.4	2318.5	2312.6	2345.2	2407.7
35°	2624.6	2386.9	2018.2	1967.7	1789.4	1792.3	2062.9	2235.3	2238.3	2267.9	2306.6
37.5°	2541.5	2270.9	1783.5	1869.6	1706.2	1706.2	1994.4	2158.0	2152.0	2161.0	2214.5
40°	2443.3	2089.6	1575.4	1741.8	1628.9	1619.9	1911.3	2074.7	2053.9	2051.0	2125.3
42.5°	2339.3	1890.5	1420.8	1572.4	1539.7	1527.8	1810.2	1973.7	1935.1	1943.9	2039.1
45°	2226.3	1837.0	1301.9	1328.7	1447.5	1438.7	1700.2	1857.8	1831.0	1854.8	1952.9
47.5°	2113.4	1729.9	1263.3	1102.8	1349.5	1346.5	1578.4	1744.8	1729.9	1753.7	1857.8
50°	1958.8	1611.1	1260.3	945.2	1239.5	1251.4	1432.7	1634.9	1634.9	1655.6	1765.6
52.5°	1759.7	1465.4	1144.3	856.1	1111.7	1147.3	1304.9	1539.7	1545.6	1566.4	1664.6
55°	1578.4	1313.9	1061.2	787.7	960.1	1037.4	1180.1	1441.6	1453.5	1474.3	1563.5
57.5°	1411.9	1093.8	1043.3	707.5	820.4	894.7	1070.0	1346.5	1352.4	1370.3	1456.5
60°	1233.6	790.6	957.1	621.2	698.5	755.0	969.0	1233.6	1254.4	1266.2	1340.6
62.5°	1031.4	573.7	867.9	561.8	639.1	651.0	885.8	1126.5	1153.3	1162.3	1206.8
65°	734.2	481.6	737.2	511.3	576.6	579.6	796.6	1016.5	1040.3	1055.2	1087.9
67.5°	496.4	392.3	561.8	463.7	529.1	532.1	710.4	888.8	921.4	933.4	954.2
70°	344.8	261.6	416.1	413.2	475.6	481.6	618.2	772.8	802.6	811.5	823.3
72.5°	252.7	211.1	344.8	371.5	419.1	425.1	523.1	642.0	671.7	680.7	686.7
75°	193.2	222.9	279.4	324.0	356.7	359.7	428.0	523.1	543.9	549.9	552.9
77.5°	154.6	208.1	205.1	261.6	291.3	285.4	335.9	404.3	422.1	422.1	422.1
80°	115.9	163.5	154.6	187.3	214.0	208.1	240.7	288.3	294.2	300.2	297.2
82.5°	86.2	104.0	104.0	118.9	142.6	136.8	160.6	187.3	187.3	187.3	193.2
85°	53.5	59.5	47.5	62.4	80.3	77.3	89.1	101.1	104.0	104.0	98.1
87.5°	32.7	26.8	14.8	23.8	35.7	35.7	41.6	44.6	41.6	41.6	41.6
90°	4.6	3.2	1.8	3.2	4.6	4.9	7.7	11.5	13.4	11.9	8.9
92.5°	31.0	19.0	7.0	19.0	31.0	34.0	47.8	66.1	75.3	66.0	47.4
95°	60.7	38.7	16.9	38.7	60.7	66.1	117.4	185.8	220.1	196.4	149.0
97.5°	67.8	48.6	29.2	48.6	67.8	72.6	158.2	272.3	329.4	314.4	284.5
100°	73.7	56.2	38.7	56.2	73.7	78.1	173.0	299.6	362.9	364.1	366.3
102.5°	79.5	63.1	46.8	63.1	79.5	83.5	179.9	308.3	372.5	391.5	429.7
105°	88.3	74.4	60.5	74.4	88.3	91.7	185.0	309.2	371.4	414.2	499.8
107.5°	100.4	87.5	74.6	87.5	100.4	103.6	185.8	295.5	350.3	409.9	529.3
110°	107.4	95.7	84.1	95.7	107.4	110.3	184.4	283.3	332.7	399.4	532.8



TEST NUMBER: P934165

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	115.6	104.5	93.5	104.5	115.6	118.4	184.5	272.6	316.7	385.0	521.4
115°	128.0	117.7	107.5	117.7	128.0	130.5	186.2	260.4	297.5	363.3	494.8
117.5°	140.0	130.7	121.4	130.7	140.0	142.4	189.7	252.8	284.3	343.7	462.3
120°	147.0	138.2	129.5	138.2	147.0	149.2	192.5	250.2	279.0	333.2	441.7
122.5°	155.1	146.2	137.4	146.2	155.1	157.3	196.6	248.8	275.0	323.8	421.5
125°	165.6	157.7	149.6	157.7	165.6	167.7	202.0	247.8	270.6	312.1	395.1
127.5°	175.7	167.5	159.4	167.5	175.7	177.7	207.5	247.1	266.9	302.6	373.8
130°	182.2	173.5	164.7	173.5	182.2	184.4	211.4	247.5	265.5	297.2	360.6
132.5°	187.6	178.9	170.1	178.9	187.6	189.8	214.7	247.8	264.3	292.6	349.4
135°	194.2	186.2	178.2	186.2	194.2	196.2	218.2	247.5	262.2	286.0	333.5
137.5°	202.3	194.4	186.5	194.4	202.3	204.3	223.4	249.0	261.8	281.9	322.1
140°	207.9	200.6	193.3	200.6	207.9	209.7	226.7	249.3	260.6	278.0	312.7
142.5°	212.1	205.3	198.7	205.3	212.1	213.8	229.4	250.2	260.6	275.9	306.4
145°	218.4	212.6	206.8	212.6	218.4	219.9	232.9	250.2	258.8	271.3	296.3
147.5°	226.3	220.5	214.8	220.5	226.3	227.7	238.0	251.9	258.8	268.7	288.3
150°	230.4	225.3	220.1	225.3	230.4	231.7	240.7	252.8	258.8	267.1	283.7
152.5°	233.4	229.4	225.5	229.4	233.4	234.3	242.5	253.4	258.8	265.9	280.0
155°	239.4	236.5	233.6	236.5	239.4	240.1	246.4	254.7	258.8	264.5	275.7
157.5°	245.2	242.4	239.6	242.4	245.2	245.9	250.2	255.9	258.8	263.2	271.9
160°	248.0	245.8	243.6	245.8	248.0	248.6	252.0	256.6	258.8	262.6	270.1
162.5°	250.9	249.3	247.7	249.3	250.9	251.4	253.8	257.2	258.8	262.0	268.3
165°	255.1	253.7	252.2	253.7	255.1	255.5	256.6	258.1	258.8	261.1	265.6
167.5°	257.6	256.9	256.2	256.9	257.6	257.8	258.7	260.0	260.6	262.1	265.1
170°	260.2	259.5	258.8	259.5	260.2	260.4	260.5	260.6	260.6	262.1	265.1
172.5°	260.6	260.4	260.2	260.4	260.6	260.6	260.6	260.6	260.6	261.7	264.1
175°	262.2	262.2	262.2	262.2	262.2	262.2	261.6	260.9	260.6	261.3	262.8
177.5°	262.2	262.2	262.2	262.2	262.2	262.2	261.7	261.2	260.9	261.6	262.7
180°	262.2	262.2	262.2	262.2	262.2	262.2	262.2	262.2	262.2	262.2	262.2



TEST NUMBER: P934165

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3141.9	3141.9	3141.9	3141.9	3141.9	3141.9	3141.9	3141.9	3141.9	3141.9	3141.9
2.5°	3031.9	3022.9	3034.8	3002.1	3034.8	3022.9	3031.9	3052.7	3034.8	3046.7	3058.6
5°	2660.3	2645.4	2597.9	2559.3	2597.9	2645.4	2660.3	2722.7	2752.4	2806.0	2877.3
7.5°	2377.9	2366.1	2354.1	2330.4	2354.1	2366.1	2377.9	2395.7	2425.5	2473.0	2526.5
10°	2315.6	2318.5	2336.3	2333.4	2336.3	2318.5	2315.6	2309.6	2300.6	2309.6	2342.3
12.5°	2476.0	2502.8	2600.8	2594.9	2600.8	2502.8	2476.0	2357.1	2276.9	2262.0	2267.9
15°	2660.3	2669.2	2690.1	2693.0	2690.1	2669.2	2660.3	2612.8	2372.0	2267.9	2235.3
17.5°	2678.1	2681.1	2695.9	2695.9	2695.9	2681.1	2678.1	2657.3	2577.1	2437.4	2253.1
20°	2663.3	2669.2	2698.9	2704.9	2698.9	2669.2	2663.3	2636.6	2592.0	2541.5	2401.7
22.5°	2657.3	2669.2	2693.0	2690.1	2693.0	2669.2	2657.3	2615.8	2577.1	2541.5	2485.0
25°	2627.6	2627.6	2630.6	2633.6	2630.6	2627.6	2627.6	2594.9	2517.6	2508.7	2476.0
27.5°	2565.2	2571.1	2589.0	2586.0	2589.0	2571.1	2565.2	2553.3	2470.0	2461.2	2437.4
30°	2508.7	2502.8	2487.9	2476.0	2487.9	2502.8	2508.7	2490.9	2407.7	2383.9	2389.9
32.5°	2413.6	2398.7	2383.9	2374.9	2383.9	2398.7	2413.6	2407.7	2345.2	2312.6	2318.5
35°	2300.6	2303.6	2300.6	2291.8	2300.6	2303.6	2300.6	2306.6	2267.9	2238.3	2235.3
37.5°	2220.4	2226.3	2223.3	2211.5	2223.3	2226.3	2220.4	2214.5	2161.0	2152.0	2158.0
40°	2137.2	2140.2	2137.2	2128.2	2137.2	2140.2	2137.2	2125.3	2051.0	2053.9	2074.7
42.5°	2056.9	2053.9	2045.0	2039.1	2045.0	2053.9	2056.9	2039.1	1943.9	1935.1	1973.7
45°	1964.8	1967.7	1949.9	1941.0	1949.9	1967.7	1964.8	1952.9	1854.8	1831.0	1857.8
47.5°	1872.6	1872.6	1857.8	1848.8	1857.8	1872.6	1872.6	1857.8	1753.7	1729.9	1744.8
50°	1774.5	1771.5	1750.7	1747.8	1750.7	1771.5	1774.5	1765.6	1655.6	1634.9	1634.9
52.5°	1661.6	1661.6	1664.6	1670.5	1664.6	1661.6	1661.6	1664.6	1566.4	1545.6	1539.7
55°	1563.5	1566.4	1587.3	1593.2	1587.3	1566.4	1563.5	1563.5	1474.3	1453.5	1441.6
57.5°	1462.5	1462.5	1477.3	1477.3	1477.3	1462.5	1462.5	1456.5	1370.3	1352.4	1346.5
60°	1346.5	1352.4	1364.4	1361.4	1364.4	1352.4	1346.5	1340.6	1266.2	1254.4	1233.6
62.5°	1224.6	1230.6	1233.6	1227.6	1233.6	1230.6	1224.6	1206.8	1162.3	1153.3	1126.5
65°	1096.8	1102.8	1105.8	1099.8	1105.8	1102.8	1096.8	1087.9	1055.2	1040.3	1016.5
67.5°	966.0	963.1	960.1	972.0	960.1	963.1	966.0	954.2	933.4	921.4	888.8
70°	832.3	832.3	829.3	835.3	829.3	832.3	832.3	823.3	811.5	802.6	772.8
72.5°	689.6	686.7	698.5	689.6	698.5	686.7	689.6	686.7	680.7	671.7	642.0
75°	549.9	555.9	549.9	558.8	549.9	555.9	549.9	552.9	549.9	543.9	523.1
77.5°	419.1	425.1	419.1	419.1	419.1	425.1	419.1	422.1	422.1	422.1	404.3
80°	297.2	294.2	294.2	291.3	294.2	294.2	297.2	297.2	300.2	294.2	288.3
82.5°	190.2	187.3	187.3	193.2	187.3	187.3	190.2	193.2	187.3	187.3	187.3
85°	104.0	107.0	101.1	101.1	101.1	107.0	104.0	98.1	104.0	104.0	101.1
87.5°	38.6	35.7	35.7	35.7	35.7	35.7	38.6	41.6	41.6	41.6	44.6
90°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	8.9	11.9	13.4	11.5
92.5°	33.5	32.1	26.8	21.4	26.8	32.1	33.5	47.4	66.0	75.3	66.1
95°	113.5	109.4	93.4	77.2	93.4	109.4	113.5	149.0	196.4	220.1	185.8
97.5°	262.0	254.4	223.6	193.0	223.6	254.4	262.0	284.5	314.4	329.4	272.3
100°	367.9	358.8	322.2	285.7	322.2	358.8	367.9	366.3	364.1	362.9	299.6
102.5°	458.3	450.5	419.2	387.9	419.2	450.5	458.3	429.7	391.5	372.5	308.3
105°	563.9	559.7	542.9	526.0	542.9	559.7	563.9	499.8	414.2	371.4	309.2
107.5°	618.8	619.8	623.9	627.9	623.9	619.8	618.8	529.3	409.9	350.3	295.5
110°	632.8	637.2	654.7	672.3	654.7	637.2	632.8	532.8	399.4	332.7	283.3



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	623.9	630.6	657.5	684.4	657.5	630.6	623.9	521.4	385.0	316.7	272.6
115°	593.5	602.8	640.1	677.3	640.1	602.8	593.5	494.8	363.3	297.5	260.4
117.5°	551.4	561.8	603.1	644.5	603.1	561.8	551.4	462.3	343.7	284.3	252.8
120°	523.0	533.0	573.3	613.5	573.3	533.0	523.0	441.7	333.2	279.0	250.2
122.5°	494.7	504.7	544.3	583.9	544.3	504.7	494.7	421.5	323.8	275.0	248.8
125°	457.2	466.4	502.9	539.5	502.9	466.4	457.2	395.1	312.1	270.6	247.8
127.5°	427.2	434.9	465.7	496.5	465.7	434.9	427.2	373.8	302.6	266.9	247.1
130°	408.1	415.3	443.7	472.2	443.7	415.3	408.1	360.6	297.2	265.5	247.5
132.5°	392.0	398.4	423.9	449.3	423.9	398.4	392.0	349.4	292.6	264.3	247.8
135°	369.1	374.6	396.6	418.5	396.6	374.6	369.1	333.5	286.0	262.2	247.5
137.5°	352.2	356.7	374.7	392.7	374.7	356.7	352.2	322.1	281.9	261.8	249.0
140°	338.7	342.9	359.7	376.5	359.7	342.9	338.7	312.7	278.0	260.6	249.3
142.5°	329.2	332.8	347.3	361.7	347.3	332.8	329.2	306.4	275.9	260.6	250.2
145°	315.0	317.7	328.7	339.6	328.7	317.7	315.0	296.3	271.3	258.8	250.2
147.5°	302.9	305.2	314.3	323.4	314.3	305.2	302.9	288.3	268.7	258.8	251.9
150°	296.1	297.9	305.3	312.7	305.3	297.9	296.1	283.7	267.1	258.8	252.8
152.5°	290.6	292.0	297.6	303.1	297.6	292.0	290.6	280.0	265.9	258.8	253.4
155°	284.1	285.0	288.7	292.4	288.7	285.0	284.1	275.7	264.5	258.8	254.7
157.5°	278.5	279.1	281.8	284.3	281.8	279.1	278.5	271.9	263.2	258.8	255.9
160°	275.7	276.1	277.5	279.0	277.5	276.1	275.7	270.1	262.6	258.8	256.6
162.5°	273.1	273.4	274.8	276.2	274.8	273.4	273.1	268.3	262.0	258.8	257.2
165°	269.0	269.4	270.9	272.4	270.9	269.4	269.0	265.6	261.1	258.8	258.1
167.5°	267.3	267.4	268.1	268.7	268.1	267.4	267.3	265.1	262.1	260.6	260.0
170°	267.3	267.3	267.3	267.3	267.3	267.3	267.3	265.1	262.1	260.6	260.6
172.5°	265.9	265.7	265.2	264.6	265.2	265.7	265.9	264.1	261.7	260.6	260.6
175°	263.9	263.9	263.9	263.9	263.9	263.9	263.9	262.8	261.3	260.6	260.9
177.5°	263.6	263.4	262.8	262.2	262.8	263.4	263.6	262.7	261.6	260.9	261.2
180°	262.2	262.2	262.2	262.2	262.2	262.2	262.2	262.2	262.2	262.2	262.2



TEST NUMBER: P934165  
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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	3141.9	3141.9	3141.9	3141.9	3141.9
2.5°	3103.2	3118.1	3127.0	3138.9	3168.6
5°	2984.3	3040.8	3058.6	3103.2	3156.7
7.5°	2722.7	2895.1	2942.7	3049.7	3132.9
10°	2470.0	2642.5	2725.7	2978.3	3103.2
12.5°	2342.3	2443.3	2499.8	2853.5	3061.6
15°	2262.0	2333.4	2374.9	2687.1	3014.1
17.5°	2199.6	2250.1	2279.8	2523.6	2948.6
20°	2161.0	2184.7	2211.5	2404.7	2874.3
22.5°	2134.2	2119.3	2140.2	2321.4	2773.2
25°	2116.4	2059.9	2083.7	2256.1	2654.4
27.5°	2131.2	2006.4	2015.3	2196.6	2529.5
30°	2134.2	1941.0	1943.9	2134.2	2389.9
32.5°	2113.4	1872.6	1875.6	2056.9	2232.3
35°	2062.9	1792.3	1789.4	1967.7	2018.2
37.5°	1994.4	1706.2	1706.2	1869.6	1783.5
40°	1911.3	1619.9	1628.9	1741.8	1575.4
42.5°	1810.2	1527.8	1539.7	1572.4	1420.8
45°	1700.2	1438.7	1447.5	1328.7	1301.9
47.5°	1578.4	1346.5	1349.5	1102.8	1263.3
50°	1432.7	1251.4	1239.5	945.2	1260.3
52.5°	1304.9	1147.3	1111.7	856.1	1144.3
55°	1180.1	1037.4	960.1	787.7	1061.2
57.5°	1070.0	894.7	820.4	707.5	1043.3
60°	969.0	755.0	698.5	621.2	957.1
62.5°	885.8	651.0	639.1	561.8	867.9
65°	796.6	579.6	576.6	511.3	737.2
67.5°	710.4	532.1	529.1	463.7	561.8
70°	618.2	481.6	475.6	413.2	416.1
72.5°	523.1	425.1	419.1	371.5	344.8
75°	428.0	359.7	356.7	324.0	279.4
77.5°	335.9	285.4	291.3	261.6	205.1
80°	240.7	208.1	214.0	187.3	154.6
82.5°	160.6	136.8	142.6	118.9	104.0
85°	89.1	77.3	80.3	62.4	47.5
87.5°	41.6	35.7	35.7	23.8	14.8
90°	7.7	4.9	4.6	3.2	1.8
92.5°	47.8	34.0	31.0	19.0	7.0
95°	117.4	66.1	60.7	38.7	16.9
97.5°	158.2	72.6	67.8	48.6	29.2
100°	173.0	78.1	73.7	56.2	38.7
102.5°	179.9	83.5	79.5	63.1	46.8
105°	185.0	91.7	88.3	74.4	60.5
107.5°	185.8	103.6	100.4	87.5	74.6
110°	184.4	110.3	107.4	95.7	84.1



TEST NUMBER: P934165  
 CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	184.5	118.4	115.6	104.5	93.5
115°	186.2	130.5	128.0	117.7	107.5
117.5°	189.7	142.4	140.0	130.7	121.4
120°	192.5	149.2	147.0	138.2	129.5
122.5°	196.6	157.3	155.1	146.2	137.4
125°	202.0	167.7	165.6	157.7	149.6
127.5°	207.5	177.7	175.7	167.5	159.4
130°	211.4	184.4	182.2	173.5	164.7
132.5°	214.7	189.8	187.6	178.9	170.1
135°	218.2	196.2	194.2	186.2	178.2
137.5°	223.4	204.3	202.3	194.4	186.5
140°	226.7	209.7	207.9	200.6	193.3
142.5°	229.4	213.8	212.1	205.3	198.7
145°	232.9	219.9	218.4	212.6	206.8
147.5°	238.0	227.7	226.3	220.5	214.8
150°	240.7	231.7	230.4	225.3	220.1
152.5°	242.5	234.3	233.4	229.4	225.5
155°	246.4	240.1	239.4	236.5	233.6
157.5°	250.2	245.9	245.2	242.4	239.6
160°	252.0	248.6	248.0	245.8	243.6
162.5°	253.8	251.4	250.9	249.3	247.7
165°	256.6	255.5	255.1	253.7	252.2
167.5°	258.7	257.8	257.6	256.9	256.2
170°	260.5	260.4	260.2	259.5	258.8
172.5°	260.6	260.6	260.6	260.4	260.2
175°	261.6	262.2	262.2	262.2	262.2
177.5°	261.7	262.2	262.2	262.2	262.2
180°	262.2	262.2	262.2	262.2	262.2



TEST NUMBER: P934165  
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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	16.73	17.99	17.34	18.61	19.32	19.57	20.82	20.18	21.45	22.16
	3H	17.23	18.37	17.86	19.00	19.75	20.94	22.07	21.57	22.71	23.46
	4H	17.44	18.51	18.09	19.16	19.92	21.41	22.47	22.05	23.12	23.88
	6H	17.58	18.57	18.24	19.23	20.00	21.71	22.70	22.37	23.36	24.13
	8H	17.59	18.53	18.27	19.21	19.99	21.80	22.74	22.47	23.42	24.20
	12H	17.58	18.48	18.26	19.15	19.96	21.85	22.75	22.53	23.42	24.23
4H	2H	17.81	18.88	18.46	19.52	20.28	20.02	21.09	20.67	21.74	22.50
	3H	18.87	19.76	19.54	20.45	21.23	21.57	22.46	22.23	23.14	23.92
	4H	19.16	19.97	19.85	20.66	21.47	22.11	22.92	22.79	23.61	24.42
	6H	19.31	20.01	20.01	20.73	21.55	22.50	23.20	23.20	23.92	24.74
	8H	19.33	19.98	20.03	20.69	21.53	22.62	23.27	23.32	23.99	24.82
	12H	19.31	19.90	20.04	20.64	21.48	22.69	23.28	23.42	24.02	24.86
8H	4H	19.65	20.31	20.36	21.02	21.85	22.27	22.92	22.97	23.64	24.47
	6H	19.93	20.47	20.67	21.23	22.06	22.72	23.26	23.46	24.02	24.86
	8H	19.97	20.46	20.72	21.22	22.07	22.88	23.36	23.63	24.12	24.97
	12H	19.98	20.40	20.73	21.15	22.06	23.00	23.42	23.75	24.17	25.08
12H	4H	19.68	20.26	20.40	21.00	21.84	22.25	22.84	22.98	23.58	24.41
	6H	19.99	20.48	20.74	21.24	22.09	22.72	23.21	23.47	23.97	24.82
	8H	20.08	20.51	20.83	21.25	22.17	22.90	23.33	23.65	24.08	24.99