

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: P934369

Luminaire Tested: SQ4-FA-050U-075D-935-1D-UNV-STD-W-12

Issue Date: 12/17/2024

**Test Information**

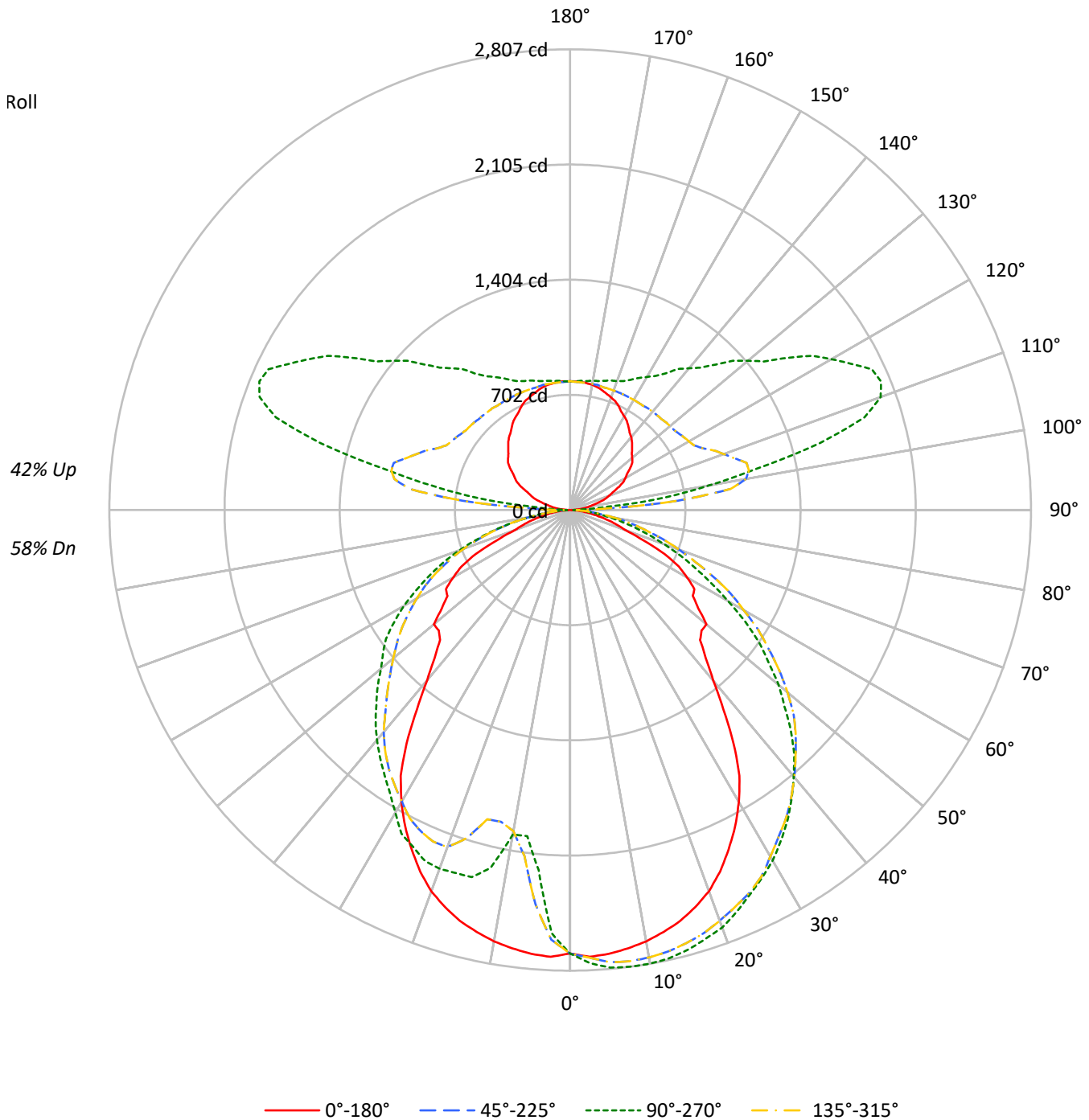
Test Method: LM-79-2019  
Report Number: P934369  
REPORT IS A COMBINATION OF REPORTS P933693 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-050U-075D-935-1D-UNV-STD-W-12  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12096.6 lumens  
Efficiency: N/A  
Efficacy: 110.8 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')  
CIE Type: General Diffuse  
  
Input Watts (W): 109.2  
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





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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	109	109	109	109	102	102	102	102	88	88	88	75	75	75	63	63	63	58			58
1	100	95	91	88	93	89	86	83	77	75	72	66	64	63	56	55	54	49			49
2	91	83	77	72	84	78	72	68	68	63	60	58	55	52	49	47	45	41			41
3	83	73	66	60	77	68	62	57	60	55	50	51	48	44	44	41	39	35			35
4	76	65	57	51	70	61	54	48	53	47	43	46	41	38	39	36	33	30			30
5	70	58	49	43	65	54	47	41	47	42	37	41	37	33	35	32	29	26			26
6	64	52	44	38	60	49	41	36	43	37	32	37	32	29	32	28	25	23			23
7	59	47	39	33	55	44	37	31	39	33	28	34	29	25	29	25	23	20			20
8	55	42	35	29	51	40	33	28	35	29	25	31	26	23	27	23	20	18			18
9	51	39	31	26	48	37	30	25	32	27	23	28	24	20	25	21	18	16			16
10	48	36	28	23	45	34	27	22	30	24	20	26	22	18	23	19	17	15			15

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

	0°	90°	180°	270°
0°	8357	8357	8357	8357
5°	8422	8436	8422	6633
10°	8369	8310	8369	5941
15°	8281	8130	8281	6788
20°	8111	7916	8111	6802
25°	7760	7605	7760	6658
30°	7304	7347	7304	6342
35°	6515	7021	6515	5994
40°	5432	6636	5432	5731
45°	4857	6186	4857	5429
50°	5163	5649	5163	5126
55°	4863	5070	4863	4950
60°	5019	4306	5019	4534
65°	4558	3560	4558	3979
70°	3163	2837	3163	3335
75°	2785	2097	2785	2511
80°	2260	1386	2260	1510
85°	1325	734	1325	624

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 7439 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	243.9	2.0
10°-20°	692.4	5.7
20°-30°	1070.4	8.8
30°-40°	1277.8	10.6
40°-50°	1285.3	10.6
50°-60°	1118.4	9.2
60°-70°	792.9	6.6
70°-80°	419.5	3.5
80°-90°	107.5	0.9
90°-100°	382.6	3.2
100°-110°	1005.9	8.3
110°-120°	1043.0	8.6
120°-130°	836.7	6.9
130°-140°	656.5	5.4
140°-150°	503.9	4.2
150°-160°	362.9	3.0
160°-170°	222.0	1.8
170°-180°	75.0	0.6
0°-30°	2006.7	16.6
0°-40°	3284.5	27.2
0°-60°	5688.2	47.0
0°-90°	7008.1	57.9
90°-120°	2431.6	20.1
90°-150°	4428.6	36.6
90°-180°	5089.0	42.1
0°-180°	12096.6	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2702	2702	2702	2702	2702	
5°	2715	2799	2715	2201	2715	258
15°	2592	2773	2592	2316	2592	729
25°	2283	2587	2283	2265	2283	1048
35°	1736	2308	1736	1971	1736	1074
45°	1120	1902	1120	1669	1120	897
55°	912	1403	912	1370	912	839
65°	634	846	634	946	634	606
75°	240	401	240	480	240	253
85°	41	102	41	87	41	55
90°	5	20	5	20	5	6
95°	51	231	51	231	51	56
105°	181	1575	181	1575	181	192
115°	322	2028	322	2028	322	318
125°	448	1615	448	1615	448	398
135°	534	1253	534	1253	534	413
145°	619	1017	619	1017	619	388
155°	700	876	700	876	700	321
165°	755	816	755	816	755	213
175°	785	790	785	790	785	75
180°	785	785	785	785	785	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8
2.5°	2724.8	2724.8	2740.1	2745.2	2745.2	2737.6	2729.9	2737.6	2760.6	2768.2	2765.7
5°	2714.6	2735.0	2763.1	2768.2	2773.3	2770.8	2765.7	2770.8	2796.3	2801.5	2804.0
7.5°	2694.1	2732.4	2768.2	2775.9	2783.6	2775.9	2773.3	2778.5	2804.0	2809.1	2809.1
10°	2668.5	2722.2	2763.1	2768.2	2775.9	2768.2	2768.2	2778.5	2804.0	2809.1	2811.7
12.5°	2632.8	2706.9	2745.2	2750.3	2760.6	2758.0	2755.5	2765.7	2791.2	2796.3	2796.3
15°	2591.9	2678.8	2714.6	2719.7	2737.6	2732.4	2732.4	2742.7	2770.8	2778.5	2775.9
17.5°	2535.6	2643.0	2683.9	2691.6	2704.3	2701.8	2704.3	2714.6	2740.1	2745.2	2747.8
20°	2471.7	2594.4	2643.0	2650.7	2663.4	2663.4	2663.4	2676.2	2701.8	2712.0	2712.0
22.5°	2384.8	2543.3	2594.4	2599.5	2614.9	2614.9	2620.0	2637.9	2660.9	2663.4	2663.4
25°	2282.6	2487.1	2530.5	2545.9	2561.2	2568.9	2576.5	2586.8	2594.4	2591.9	2594.4
27.5°	2175.2	2415.5	2471.7	2482.0	2502.4	2510.1	2520.3	2522.9	2525.4	2533.1	2528.0
30°	2055.0	2315.8	2400.2	2410.4	2443.6	2448.7	2438.5	2443.6	2456.4	2461.5	2466.6
32.5°	1919.6	2167.5	2326.0	2349.0	2379.7	2364.4	2361.8	2369.5	2389.9	2389.9	2395.1
35°	1735.5	2052.5	2257.0	2277.5	2300.5	2282.6	2292.8	2295.4	2308.2	2315.8	2313.3
37.5°	1533.6	1952.8	2185.4	2200.7	2218.6	2195.6	2210.9	2218.6	2228.8	2223.7	2223.7
40°	1354.7	1796.9	2101.0	2111.3	2126.6	2108.7	2124.0	2129.1	2134.3	2129.1	2126.6
42.5°	1221.8	1625.6	2011.6	2024.4	2014.1	2026.9	2032.0	2042.2	2034.6	2024.4	2024.4
45°	1119.5	1579.6	1914.4	1929.8	1914.4	1934.9	1942.6	1942.6	1919.6	1914.4	1911.9
47.5°	1086.3	1487.6	1817.3	1817.3	1809.6	1835.2	1848.0	1830.1	1807.1	1799.4	1799.4
50°	1083.7	1385.4	1684.4	1674.2	1710.0	1740.6	1727.9	1710.0	1692.1	1664.0	1664.0
52.5°	984.1	1260.1	1513.2	1551.5	1607.7	1625.6	1605.2	1587.3	1556.6	1543.8	1533.6
55°	912.5	1129.8	1357.2	1433.9	1492.7	1515.7	1477.4	1459.5	1413.5	1405.8	1400.7
57.5°	897.2	940.6	1214.1	1311.2	1382.8	1380.2	1357.2	1324.0	1285.7	1278.0	1275.4
60°	823.0	679.9	1060.7	1175.8	1249.9	1242.2	1221.8	1191.1	1155.3	1150.2	1145.1
62.5°	746.4	493.3	886.9	1017.3	1122.1	1119.5	1101.6	1055.6	1030.1	1017.3	1007.1
65°	633.9	414.1	631.3	846.0	996.8	1002.0	963.6	930.4	902.3	886.9	884.4
67.5°	483.1	337.4	426.9	705.5	876.7	871.6	823.0	807.7	771.9	764.2	748.9
70°	357.8	224.9	296.5	572.5	759.1	746.4	708.0	690.1	656.9	639.0	628.8
72.5°	296.5	181.5	217.3	444.7	639.0	623.7	590.4	570.0	541.9	526.5	516.3
75°	240.3	191.7	166.1	329.7	518.9	508.6	478.0	457.5	434.5	414.1	416.6
77.5°	176.4	178.9	132.9	242.8	411.5	396.2	378.3	352.7	342.5	322.1	322.1
80°	132.9	140.6	99.7	166.1	296.5	296.5	281.2	263.3	245.4	235.2	235.2
82.5°	89.5	89.5	74.1	104.8	201.9	194.3	184.0	178.9	168.7	163.6	163.6
85°	40.9	51.1	46.0	63.9	109.9	115.0	115.0	109.9	107.4	102.2	104.8
87.5°	12.8	23.0	28.1	35.8	56.2	58.8	61.3	61.3	61.3	63.9	63.9
90°	5.3	9.5	13.7	14.7	23.2	34.4	40.0	35.6	26.7	20.0	20.0
92.5°	21.0	56.8	92.7	101.6	142.9	197.9	225.4	197.6	141.9	100.1	96.1
95°	50.6	116.1	181.7	198.1	351.7	556.6	659.0	588.1	446.2	339.8	327.7
97.5°	87.4	145.3	203.1	217.6	473.8	815.4	986.2	941.4	851.7	784.4	761.5
100°	115.9	168.4	220.8	233.9	518.2	897.2	1086.8	1090.0	1096.6	1101.6	1074.2
102.5°	140.2	189.1	238.0	250.2	538.5	923.1	1115.3	1172.4	1286.6	1372.3	1348.9
105°	181.2	222.6	264.0	274.4	553.6	926.0	1112.1	1240.2	1496.3	1688.4	1675.8
107.5°	223.4	262.0	300.7	310.3	556.5	884.8	1048.9	1227.6	1584.9	1852.8	1855.9
110°	251.9	286.7	321.6	330.3	552.3	848.3	996.2	1196.0	1595.4	1894.9	1908.1



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	279.7	312.9	346.2	354.5	552.4	816.3	948.3	1152.7	1561.5	1868.1	1888.2
115°	321.9	352.6	383.2	390.9	557.5	779.8	890.9	1087.7	1481.5	1776.9	1804.9
117.5°	363.5	391.3	419.2	426.2	567.9	756.8	851.3	1029.0	1384.4	1651.0	1681.9
120°	387.7	414.0	440.1	446.7	576.3	749.2	835.6	997.9	1322.6	1566.2	1596.3
122.5°	411.4	437.9	464.3	471.0	588.5	745.1	823.4	969.6	1262.1	1481.4	1511.0
125°	447.8	471.9	496.0	502.1	604.8	741.8	810.3	934.5	1182.8	1369.2	1396.5
127.5°	477.3	501.7	526.0	532.1	621.1	739.8	799.2	905.8	1119.1	1279.1	1302.2
130°	493.1	519.4	545.5	552.1	633.0	741.0	795.0	889.9	1079.8	1222.2	1243.5
132.5°	509.4	535.7	561.9	568.5	642.7	741.8	791.3	876.3	1046.3	1173.7	1192.8
135°	533.7	557.5	581.4	587.4	653.2	741.1	784.9	856.2	998.5	1105.3	1121.7
137.5°	558.4	582.1	605.8	611.7	669.1	745.7	783.9	844.1	964.5	1054.7	1068.2
140°	578.9	600.7	622.5	627.9	678.7	746.4	780.2	832.1	936.2	1014.1	1026.7
142.5°	594.8	614.9	635.1	640.1	686.8	749.1	780.2	825.8	917.2	985.7	996.5
145°	619.0	636.5	654.1	658.5	697.4	749.1	775.0	812.3	887.0	943.0	951.2
147.5°	643.3	660.3	677.4	681.7	712.8	754.3	775.0	804.4	863.2	907.2	914.0
150°	659.0	674.4	689.9	693.8	720.9	756.9	775.0	799.8	849.4	886.6	892.1
152.5°	675.4	687.1	698.8	701.7	726.2	758.7	775.0	796.2	838.5	870.3	874.5
155°	699.6	708.3	717.0	719.1	737.7	762.5	775.0	791.8	825.5	850.8	853.5
157.5°	717.6	726.0	734.3	736.5	749.3	766.5	775.0	788.1	814.3	833.9	835.9
160°	729.7	736.2	742.8	744.4	754.6	768.2	775.0	786.2	808.6	825.5	826.6
162.5°	741.8	746.7	751.6	752.8	760.2	770.0	775.0	784.4	803.4	817.6	818.6
165°	755.0	759.4	763.8	764.9	768.2	772.8	775.0	781.8	795.3	805.5	806.6
167.5°	767.1	769.1	771.2	771.7	774.6	778.3	780.2	784.6	793.6	800.2	800.7
170°	775.0	777.0	779.2	779.7	779.8	780.1	780.2	784.6	793.6	800.2	800.2
172.5°	779.2	779.6	780.1	780.2	780.2	780.2	780.2	783.7	790.7	796.0	795.6
175°	784.9	784.9	784.9	784.9	783.3	781.2	780.2	782.4	786.9	790.2	790.2
177.5°	784.9	784.9	784.9	784.9	783.8	782.1	781.3	783.1	786.6	789.2	788.7
180°	784.9	784.9	784.9	784.9	784.9	784.9	784.9	784.9	784.9	784.9	784.9



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8
2.5°	2770.8	2763.1	2770.8	2765.7	2768.2	2760.6	2737.6	2729.9	2737.6	2745.2	2745.2
5°	2804.0	2798.9	2804.0	2804.0	2801.5	2796.3	2770.8	2765.7	2770.8	2773.3	2768.2
7.5°	2814.2	2806.6	2814.2	2809.1	2809.1	2804.0	2778.5	2773.3	2775.9	2783.6	2775.9
10°	2814.2	2806.6	2814.2	2811.7	2809.1	2804.0	2778.5	2768.2	2768.2	2775.9	2768.2
12.5°	2801.5	2796.3	2801.5	2796.3	2796.3	2791.2	2765.7	2755.5	2758.0	2760.6	2750.3
15°	2781.0	2773.3	2781.0	2775.9	2778.5	2770.8	2742.7	2732.4	2732.4	2737.6	2719.7
17.5°	2750.3	2740.1	2750.3	2747.8	2745.2	2740.1	2714.6	2704.3	2701.8	2704.3	2691.6
20°	2714.6	2706.9	2714.6	2712.0	2712.0	2701.8	2676.2	2663.4	2663.4	2663.4	2650.7
22.5°	2658.3	2650.7	2658.3	2663.4	2663.4	2660.9	2637.9	2620.0	2614.9	2614.9	2599.5
25°	2594.4	2586.8	2594.4	2594.4	2591.9	2594.4	2586.8	2576.5	2568.9	2561.2	2545.9
27.5°	2533.1	2528.0	2533.1	2528.0	2533.1	2525.4	2522.9	2520.3	2510.1	2502.4	2482.0
30°	2471.7	2466.6	2471.7	2466.6	2461.5	2456.4	2443.6	2438.5	2448.7	2443.6	2410.4
32.5°	2395.1	2389.9	2395.1	2395.1	2389.9	2389.9	2369.5	2361.8	2364.4	2379.7	2349.0
35°	2315.8	2308.2	2315.8	2313.3	2315.8	2308.2	2295.4	2292.8	2282.6	2300.5	2277.5
37.5°	2223.7	2216.1	2223.7	2223.7	2223.7	2228.8	2218.6	2210.9	2195.6	2218.6	2200.7
40°	2129.1	2118.9	2129.1	2126.6	2129.1	2134.3	2129.1	2124.0	2108.7	2126.6	2111.3
42.5°	2021.8	2019.2	2021.8	2024.4	2024.4	2034.6	2042.2	2032.0	2026.9	2014.1	2024.4
45°	1906.8	1901.7	1906.8	1911.9	1914.4	1919.6	1942.6	1942.6	1934.9	1914.4	1929.8
47.5°	1784.1	1771.3	1784.1	1799.4	1799.4	1807.1	1830.1	1848.0	1835.2	1809.6	1817.3
50°	1653.7	1656.3	1653.7	1664.0	1664.0	1692.1	1710.0	1727.9	1740.6	1710.0	1674.2
52.5°	1525.9	1523.4	1525.9	1533.6	1543.8	1556.6	1587.3	1605.2	1625.6	1607.7	1551.5
55°	1398.1	1403.2	1398.1	1400.7	1405.8	1413.5	1459.5	1477.4	1515.7	1492.7	1433.9
57.5°	1270.3	1262.7	1270.3	1275.4	1278.0	1285.7	1324.0	1357.2	1380.2	1382.8	1311.2
60°	1122.1	1111.9	1122.1	1145.1	1150.2	1155.3	1191.1	1221.8	1242.2	1249.9	1175.8
62.5°	991.7	973.8	991.7	1007.1	1017.3	1030.1	1055.6	1101.6	1119.5	1122.1	1017.3
65°	853.7	846.0	853.7	884.4	886.9	902.3	930.4	963.6	1002.0	996.8	846.0
67.5°	728.5	728.5	728.5	748.9	764.2	771.9	807.7	823.0	871.6	876.7	705.5
70°	613.4	610.9	613.4	628.8	639.0	656.9	690.1	708.0	746.4	759.1	572.5
72.5°	503.5	501.0	503.5	516.3	526.5	541.9	570.0	590.4	623.7	639.0	444.7
75°	406.4	401.3	406.4	416.6	414.1	434.5	457.5	478.0	508.6	518.9	329.7
77.5°	311.8	311.8	311.8	322.1	322.1	342.5	352.7	378.3	396.2	411.5	242.8
80°	232.6	230.0	232.6	235.2	235.2	245.4	263.3	281.2	296.5	296.5	166.1
82.5°	163.6	158.5	163.6	163.6	163.6	168.7	178.9	184.0	194.3	201.9	104.8
85°	102.2	102.2	102.2	104.8	102.2	107.4	109.9	115.0	115.0	109.9	63.9
87.5°	66.5	63.9	66.5	63.9	63.9	61.3	61.3	61.3	58.8	56.2	35.8
90°	20.0	20.0	20.0	20.0	20.0	26.7	35.6	40.0	34.4	23.2	14.7
92.5°	80.2	64.2	80.2	96.1	100.1	141.9	197.6	225.4	197.9	142.9	101.6
95°	279.5	231.2	279.5	327.7	339.8	446.2	588.1	659.0	556.6	351.7	198.1
97.5°	669.7	577.9	669.7	761.5	784.4	851.7	941.4	986.2	815.4	473.8	217.6
100°	964.9	855.6	964.9	1074.2	1101.6	1096.6	1090.0	1086.8	897.2	518.2	233.9
102.5°	1255.3	1161.6	1255.3	1348.9	1372.3	1286.6	1172.4	1115.3	923.1	538.5	250.2
105°	1625.5	1575.2	1625.5	1675.8	1688.4	1496.3	1240.2	1112.1	926.0	553.6	274.4
107.5°	1868.0	1880.2	1868.0	1855.9	1852.8	1584.9	1227.6	1048.9	884.8	556.5	310.3
110°	1960.5	2012.9	1960.5	1908.1	1894.9	1595.4	1196.0	996.2	848.3	552.3	330.3





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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1968.8	2049.3	1968.8	1888.2	1868.1	1561.5	1152.7	948.3	816.3	552.4	354.5
115°	1916.6	2028.3	1916.6	1804.9	1776.9	1481.5	1087.7	890.9	779.8	557.5	390.9
117.5°	1805.8	1929.7	1805.8	1681.9	1651.0	1384.4	1029.0	851.3	756.8	567.9	426.2
120°	1716.7	1837.0	1716.7	1596.3	1566.2	1322.6	997.9	835.6	749.2	576.3	446.7
122.5°	1629.8	1748.5	1629.8	1511.0	1481.4	1262.1	969.6	823.4	745.1	588.5	471.0
125°	1505.8	1615.2	1505.8	1396.5	1369.2	1182.8	934.5	810.3	741.8	604.8	502.1
127.5°	1394.4	1486.7	1394.4	1302.2	1279.1	1119.1	905.8	799.2	739.8	621.1	532.1
130°	1328.8	1414.0	1328.8	1243.5	1222.2	1079.8	889.9	795.0	741.0	633.0	552.1
132.5°	1269.1	1345.5	1269.1	1192.8	1173.7	1046.3	876.3	791.3	741.8	642.7	568.5
135°	1187.5	1253.3	1187.5	1121.7	1105.3	998.5	856.2	784.9	741.1	653.2	587.4
137.5°	1122.0	1175.8	1122.0	1068.2	1054.7	964.5	844.1	783.9	745.7	669.1	611.7
140°	1077.0	1127.4	1077.0	1026.7	1014.1	936.2	832.1	780.2	746.4	678.7	627.9
142.5°	1039.9	1083.1	1039.9	996.5	985.7	917.2	825.8	780.2	749.1	686.8	640.1
145°	984.0	1016.8	984.0	951.2	943.0	887.0	812.3	775.0	749.1	697.4	658.5
147.5°	941.1	968.3	941.1	914.0	907.2	863.2	804.4	775.0	754.3	712.8	681.7
150°	914.1	936.2	914.1	892.1	886.6	849.4	799.8	775.0	756.9	720.9	693.8
152.5°	891.1	907.7	891.1	874.5	870.3	838.5	796.2	775.0	758.7	726.2	701.7
155°	864.6	875.6	864.6	853.5	850.8	825.5	791.8	775.0	762.5	737.7	719.1
157.5°	843.6	851.3	843.6	835.9	833.9	814.3	788.1	775.0	766.5	749.3	736.5
160°	831.1	835.6	831.1	826.6	825.5	808.6	786.2	775.0	768.2	754.6	744.4
162.5°	822.9	827.1	822.9	818.6	817.6	803.4	784.4	775.0	770.0	760.2	752.8
165°	811.1	815.5	811.1	806.6	805.5	795.3	781.8	775.0	772.8	768.2	764.9
167.5°	802.6	804.5	802.6	800.7	800.2	793.6	784.6	780.2	778.3	774.6	771.7
170°	800.2	800.2	800.2	800.2	800.2	793.6	784.6	780.2	780.1	779.8	779.7
172.5°	794.0	792.4	794.0	795.6	796.0	790.7	783.7	780.2	780.2	780.2	780.2
175°	790.2	790.2	790.2	790.2	790.2	786.9	782.4	780.2	781.2	783.3	784.9
177.5°	786.8	784.9	786.8	788.7	789.2	786.6	783.1	781.3	782.1	783.8	784.9
180°	784.9	784.9	784.9	784.9	784.9	784.9	784.9	784.9	784.9	784.9	784.9



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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8
2.5°	2740.1	2724.8	2724.8	2699.2	2689.0	2681.3	2668.5	2630.2	2620.0	2609.8	2625.1
5°	2763.1	2735.0	2714.6	2668.5	2630.2	2614.9	2566.3	2474.3	2412.9	2366.9	2341.4
7.5°	2768.2	2732.4	2694.1	2622.5	2530.5	2489.6	2341.4	2172.6	2126.6	2085.7	2060.1
10°	2763.1	2722.2	2668.5	2561.2	2343.9	2272.4	2124.0	2014.1	1986.0	1978.3	1986.0
12.5°	2745.2	2706.9	2632.8	2453.8	2149.6	2101.0	2014.1	1950.2	1945.1	1957.9	2026.9
15°	2714.6	2678.8	2591.9	2310.7	2042.2	2006.5	1945.1	1922.1	1950.2	2039.7	2246.7
17.5°	2683.9	2643.0	2535.6	2170.0	1960.5	1934.9	1891.4	1937.4	2095.9	2216.1	2285.1
20°	2643.0	2594.4	2471.7	2067.8	1901.7	1878.7	1858.2	2065.2	2185.4	2228.8	2267.3
22.5°	2594.4	2543.3	2384.8	1996.2	1840.3	1822.4	1835.2	2136.8	2185.4	2216.1	2249.3
25°	2530.5	2487.1	2282.6	1940.0	1791.8	1771.3	1819.9	2129.1	2157.3	2164.9	2231.4
27.5°	2471.7	2415.5	2175.2	1888.9	1733.0	1725.3	1832.7	2095.9	2116.4	2124.0	2195.6
30°	2400.2	2315.8	2055.0	1835.2	1671.6	1669.1	1835.2	2055.0	2049.9	2070.4	2141.9
32.5°	2326.0	2167.5	1919.6	1768.8	1612.8	1610.3	1817.3	1993.7	1988.6	2016.7	2070.4
35°	2257.0	2052.5	1735.5	1692.1	1538.7	1541.3	1773.9	1922.1	1924.7	1950.2	1983.5
37.5°	2185.4	1952.8	1533.6	1607.7	1467.1	1467.1	1715.1	1855.7	1850.5	1858.2	1904.2
40°	2101.0	1796.9	1354.7	1497.8	1400.7	1393.0	1643.5	1784.1	1766.2	1763.6	1827.5
42.5°	2011.6	1625.6	1221.8	1352.1	1324.0	1313.8	1556.6	1697.2	1664.0	1671.6	1753.4
45°	1914.4	1579.6	1119.5	1142.5	1244.8	1237.1	1462.0	1597.5	1574.5	1594.9	1679.3
47.5°	1817.3	1487.6	1086.3	948.3	1160.4	1157.9	1357.2	1500.4	1487.6	1508.0	1597.5
50°	1684.4	1385.4	1083.7	812.8	1065.9	1076.1	1232.0	1405.8	1405.8	1423.7	1518.3
52.5°	1513.2	1260.1	984.1	736.1	955.9	986.6	1122.1	1324.0	1329.1	1347.0	1431.4
55°	1357.2	1129.8	912.5	677.3	825.6	892.0	1014.7	1239.7	1249.9	1267.8	1344.5
57.5°	1214.1	940.6	897.2	608.3	705.5	769.4	920.2	1157.9	1163.0	1178.3	1252.4
60°	1060.7	679.9	823.0	534.2	600.7	649.2	833.3	1060.7	1078.6	1088.9	1152.8
62.5°	886.9	493.3	746.4	483.1	549.5	559.8	761.7	968.7	991.7	999.4	1037.7
65°	631.3	414.1	633.9	439.6	495.9	498.4	685.0	874.2	894.6	907.4	935.5
67.5°	426.9	337.4	483.1	398.7	455.0	457.5	610.9	764.2	792.4	802.6	820.5
70°	296.5	224.9	357.8	355.3	409.0	414.1	531.6	664.6	690.1	697.8	708.0
72.5°	217.3	181.5	296.5	319.5	360.4	365.5	449.9	552.1	577.7	585.3	590.4
75°	166.1	191.7	240.3	278.6	306.7	309.3	368.1	449.9	467.7	472.9	475.4
77.5°	132.9	178.9	176.4	224.9	250.5	245.4	288.8	347.6	363.0	363.0	363.0
80°	99.7	140.6	132.9	161.0	184.0	178.9	207.0	247.9	253.0	258.2	255.6
82.5°	74.1	89.5	89.5	102.2	122.7	117.6	138.0	161.0	161.0	161.0	166.1
85°	46.0	51.1	40.9	53.7	69.0	66.5	76.7	86.9	89.5	89.5	84.3
87.5°	28.1	23.0	12.8	20.4	30.7	30.7	35.8	38.3	35.8	35.8	35.8
90°	13.7	9.5	5.3	9.5	13.7	14.7	23.2	34.4	40.0	35.6	26.7
92.5°	92.7	56.8	21.0	56.8	92.7	101.6	142.9	197.9	225.4	197.6	141.9
95°	181.7	116.1	50.6	116.1	181.7	198.1	351.7	556.6	659.0	588.1	446.2
97.5°	203.1	145.3	87.4	145.3	203.1	217.6	473.8	815.4	986.2	941.4	851.7
100°	220.8	168.4	115.9	168.4	220.8	233.9	518.2	897.2	1086.8	1090.0	1096.6
102.5°	238.0	189.1	140.2	189.1	238.0	250.2	538.5	923.1	1115.3	1172.4	1286.6
105°	264.0	222.6	181.2	222.6	264.0	274.4	553.6	926.0	1112.1	1240.2	1496.3
107.5°	300.7	262.0	223.4	262.0	300.7	310.3	556.5	884.8	1048.9	1227.6	1584.9
110°	321.6	286.7	251.9	286.7	321.6	330.3	552.3	848.3	996.2	1196.0	1595.4



TEST NUMBER: P934369

CATALOG NUMBER: SQ4-FA-050U-075D-935-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	346.2	312.9	279.7	312.9	346.2	354.5	552.4	816.3	948.3	1152.7	1561.5
115°	383.2	352.6	321.9	352.6	383.2	390.9	557.5	779.8	890.9	1087.7	1481.5
117.5°	419.2	391.3	363.5	391.3	419.2	426.2	567.9	756.8	851.3	1029.0	1384.4
120°	440.1	414.0	387.7	414.0	440.1	446.7	576.3	749.2	835.6	997.9	1322.6
122.5°	464.3	437.9	411.4	437.9	464.3	471.0	588.5	745.1	823.4	969.6	1262.1
125°	496.0	471.9	447.8	471.9	496.0	502.1	604.8	741.8	810.3	934.5	1182.8
127.5°	526.0	501.7	477.3	501.7	526.0	532.1	621.1	739.8	799.2	905.8	1119.1
130°	545.5	519.4	493.1	519.4	545.5	552.1	633.0	741.0	795.0	889.9	1079.8
132.5°	561.9	535.7	509.4	535.7	561.9	568.5	642.7	741.8	791.3	876.3	1046.3
135°	581.4	557.5	533.7	557.5	581.4	587.4	653.2	741.1	784.9	856.2	998.5
137.5°	605.8	582.1	558.4	582.1	605.8	611.7	669.1	745.7	783.9	844.1	964.5
140°	622.5	600.7	578.9	600.7	622.5	627.9	678.7	746.4	780.2	832.1	936.2
142.5°	635.1	614.9	594.8	614.9	635.1	640.1	686.8	749.1	780.2	825.8	917.2
145°	654.1	636.5	619.0	636.5	654.1	658.5	697.4	749.1	775.0	812.3	887.0
147.5°	677.4	660.3	643.3	660.3	677.4	681.7	712.8	754.3	775.0	804.4	863.2
150°	689.9	674.4	659.0	674.4	689.9	693.8	720.9	756.9	775.0	799.8	849.4
152.5°	698.8	687.1	675.4	687.1	698.8	701.7	726.2	758.7	775.0	796.2	838.5
155°	717.0	708.3	699.6	708.3	717.0	719.1	737.7	762.5	775.0	791.8	825.5
157.5°	734.3	726.0	717.6	726.0	734.3	736.5	749.3	766.5	775.0	788.1	814.3
160°	742.8	736.2	729.7	736.2	742.8	744.4	754.6	768.2	775.0	786.2	808.6
162.5°	751.6	746.7	741.8	746.7	751.6	752.8	760.2	770.0	775.0	784.4	803.4
165°	763.8	759.4	755.0	759.4	763.8	764.9	768.2	772.8	775.0	781.8	795.3
167.5°	771.2	769.1	767.1	769.1	771.2	771.7	774.6	778.3	780.2	784.6	793.6
170°	779.2	777.0	775.0	777.0	779.2	779.7	779.8	780.1	780.2	784.6	793.6
172.5°	780.1	779.6	779.2	779.6	780.1	780.2	780.2	780.2	780.2	783.7	790.7
175°	784.9	784.9	784.9	784.9	784.9	784.9	783.3	781.2	780.2	782.4	786.9
177.5°	784.9	784.9	784.9	784.9	784.9	784.9	783.8	782.1	781.3	783.1	786.6
180°	784.9	784.9	784.9	784.9	784.9	784.9	784.9	784.9	784.9	784.9	784.9



TEST NUMBER: P934369

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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8
2.5°	2607.2	2599.5	2609.8	2581.6	2609.8	2599.5	2607.2	2625.1	2609.8	2620.0	2630.2
5°	2287.7	2274.9	2233.9	2200.7	2233.9	2274.9	2287.7	2341.4	2366.9	2412.9	2474.3
7.5°	2044.8	2034.6	2024.4	2003.9	2024.4	2034.6	2044.8	2060.1	2085.7	2126.6	2172.6
10°	1991.1	1993.7	2009.0	2006.5	2009.0	1993.7	1991.1	1986.0	1978.3	1986.0	2014.1
12.5°	2129.1	2152.2	2236.5	2231.4	2236.5	2152.2	2129.1	2026.9	1957.9	1945.1	1950.2
15°	2287.7	2295.4	2313.3	2315.8	2313.3	2295.4	2287.7	2246.7	2039.7	1950.2	1922.1
17.5°	2303.0	2305.6	2318.4	2318.4	2318.4	2305.6	2303.0	2285.1	2216.1	2095.9	1937.4
20°	2290.3	2295.4	2320.9	2326.0	2320.9	2295.4	2290.3	2267.3	2228.8	2185.4	2065.2
22.5°	2285.1	2295.4	2315.8	2313.3	2315.8	2295.4	2285.1	2249.3	2216.1	2185.4	2136.8
25°	2259.6	2259.6	2262.1	2264.7	2262.1	2259.6	2259.6	2231.4	2164.9	2157.3	2129.1
27.5°	2205.8	2210.9	2226.3	2223.7	2226.3	2210.9	2205.8	2195.6	2124.0	2116.4	2095.9
30°	2157.3	2152.2	2139.4	2129.1	2139.4	2152.2	2157.3	2141.9	2070.4	2049.9	2055.0
32.5°	2075.5	2062.7	2049.9	2042.2	2049.9	2062.7	2075.5	2070.4	2016.7	1988.6	1993.7
35°	1978.3	1980.9	1978.3	1970.7	1978.3	1980.9	1978.3	1983.5	1950.2	1924.7	1922.1
37.5°	1909.3	1914.4	1911.9	1901.7	1911.9	1914.4	1909.3	1904.2	1858.2	1850.5	1855.7
40°	1837.8	1840.3	1837.8	1830.1	1837.8	1840.3	1837.8	1827.5	1763.6	1766.2	1784.1
42.5°	1768.8	1766.2	1758.5	1753.4	1758.5	1766.2	1768.8	1753.4	1671.6	1664.0	1697.2
45°	1689.5	1692.1	1676.7	1669.1	1676.7	1692.1	1689.5	1679.3	1594.9	1574.5	1597.5
47.5°	1610.3	1610.3	1597.5	1589.8	1597.5	1610.3	1610.3	1597.5	1508.0	1487.6	1500.4
50°	1525.9	1523.4	1505.5	1502.9	1505.5	1523.4	1525.9	1518.3	1423.7	1405.8	1405.8
52.5°	1428.8	1428.8	1431.4	1436.5	1431.4	1428.8	1428.8	1431.4	1347.0	1329.1	1324.0
55°	1344.5	1347.0	1364.9	1370.0	1364.9	1347.0	1344.5	1344.5	1267.8	1249.9	1239.7
57.5°	1257.6	1257.6	1270.3	1270.3	1270.3	1257.6	1257.6	1252.4	1178.3	1163.0	1157.9
60°	1157.9	1163.0	1173.2	1170.6	1173.2	1163.0	1157.9	1152.8	1088.9	1078.6	1060.7
62.5°	1053.1	1058.2	1060.7	1055.6	1060.7	1058.2	1053.1	1037.7	999.4	991.7	968.7
65°	943.2	948.3	950.8	945.7	950.8	948.3	943.2	935.5	907.4	894.6	874.2
67.5°	830.7	828.1	825.6	835.8	825.6	828.1	830.7	820.5	802.6	792.4	764.2
70°	715.7	715.7	713.1	718.2	713.1	715.7	715.7	708.0	697.8	690.1	664.6
72.5°	593.0	590.4	600.7	593.0	600.7	590.4	593.0	590.4	585.3	577.7	552.1
75°	472.9	478.0	472.9	480.5	472.9	478.0	472.9	475.4	472.9	467.7	449.9
77.5°	360.4	365.5	360.4	360.4	360.4	365.5	360.4	363.0	363.0	363.0	347.6
80°	255.6	253.0	253.0	250.5	253.0	253.0	255.6	255.6	258.2	253.0	247.9
82.5°	163.6	161.0	161.0	166.1	161.0	161.0	163.6	166.1	161.0	161.0	161.0
85°	89.5	92.0	86.9	86.9	86.9	92.0	89.5	84.3	89.5	89.5	86.9
87.5°	33.2	30.7	30.7	30.7	30.7	30.7	33.2	35.8	35.8	35.8	38.3
90°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	26.7	35.6	40.0	34.4
92.5°	100.1	96.1	80.2	64.2	80.2	96.1	100.1	141.9	197.6	225.4	197.9
95°	339.8	327.7	279.5	231.2	279.5	327.7	339.8	446.2	588.1	659.0	556.6
97.5°	784.4	761.5	669.7	577.9	669.7	761.5	784.4	851.7	941.4	986.2	815.4
100°	1101.6	1074.2	964.9	855.6	964.9	1074.2	1101.6	1096.6	1090.0	1086.8	897.2
102.5°	1372.3	1348.9	1255.3	1161.6	1255.3	1348.9	1372.3	1286.6	1172.4	1115.3	923.1
105°	1688.4	1675.8	1625.5	1575.2	1625.5	1675.8	1688.4	1496.3	1240.2	1112.1	926.0
107.5°	1852.8	1855.9	1868.0	1880.2	1868.0	1855.9	1852.8	1584.9	1227.6	1048.9	884.8
110°	1894.9	1908.1	1960.5	2012.9	1960.5	1908.1	1894.9	1595.4	1196.0	996.2	848.3



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1868.1	1888.2	1968.8	2049.3	1968.8	1888.2	1868.1	1561.5	1152.7	948.3	816.3
115°	1776.9	1804.9	1916.6	2028.3	1916.6	1804.9	1776.9	1481.5	1087.7	890.9	779.8
117.5°	1651.0	1681.9	1805.8	1929.7	1805.8	1681.9	1651.0	1384.4	1029.0	851.3	756.8
120°	1566.2	1596.3	1716.7	1837.0	1716.7	1596.3	1566.2	1322.6	997.9	835.6	749.2
122.5°	1481.4	1511.0	1629.8	1748.5	1629.8	1511.0	1481.4	1262.1	969.6	823.4	745.1
125°	1369.2	1396.5	1505.8	1615.2	1505.8	1396.5	1369.2	1182.8	934.5	810.3	741.8
127.5°	1279.1	1302.2	1394.4	1486.7	1394.4	1302.2	1279.1	1119.1	905.8	799.2	739.8
130°	1222.2	1243.5	1328.8	1414.0	1328.8	1243.5	1222.2	1079.8	889.9	795.0	741.0
132.5°	1173.7	1192.8	1269.1	1345.5	1269.1	1192.8	1173.7	1046.3	876.3	791.3	741.8
135°	1105.3	1121.7	1187.5	1253.3	1187.5	1121.7	1105.3	998.5	856.2	784.9	741.1
137.5°	1054.7	1068.2	1122.0	1175.8	1122.0	1068.2	1054.7	964.5	844.1	783.9	745.7
140°	1014.1	1026.7	1077.0	1127.4	1077.0	1026.7	1014.1	936.2	832.1	780.2	746.4
142.5°	985.7	996.5	1039.9	1083.1	1039.9	996.5	985.7	917.2	825.8	780.2	749.1
145°	943.0	951.2	984.0	1016.8	984.0	951.2	943.0	887.0	812.3	775.0	749.1
147.5°	907.2	914.0	941.1	968.3	941.1	914.0	907.2	863.2	804.4	775.0	754.3
150°	886.6	892.1	914.1	936.2	914.1	892.1	886.6	849.4	799.8	775.0	756.9
152.5°	870.3	874.5	891.1	907.7	891.1	874.5	870.3	838.5	796.2	775.0	758.7
155°	850.8	853.5	864.6	875.6	864.6	853.5	850.8	825.5	791.8	775.0	762.5
157.5°	833.9	835.9	843.6	851.3	843.6	835.9	833.9	814.3	788.1	775.0	766.5
160°	825.5	826.6	831.1	835.6	831.1	826.6	825.5	808.6	786.2	775.0	768.2
162.5°	817.6	818.6	822.9	827.1	822.9	818.6	817.6	803.4	784.4	775.0	770.0
165°	805.5	806.6	811.1	815.5	811.1	806.6	805.5	795.3	781.8	775.0	772.8
167.5°	800.2	800.7	802.6	804.5	802.6	800.7	800.2	793.6	784.6	780.2	778.3
170°	800.2	800.2	800.2	800.2	800.2	800.2	800.2	793.6	784.6	780.2	780.1
172.5°	796.0	795.6	794.0	792.4	794.0	795.6	796.0	790.7	783.7	780.2	780.2
175°	790.2	790.2	790.2	790.2	790.2	790.2	790.2	786.9	782.4	780.2	781.2
177.5°	789.2	788.7	786.8	784.9	786.8	788.7	789.2	786.6	783.1	781.3	782.1
180°	784.9	784.9	784.9	784.9	784.9	784.9	784.9	784.9	784.9	784.9	784.9



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	2701.8	2701.8	2701.8	2701.8	2701.8
2.5°	2668.5	2681.3	2689.0	2699.2	2724.8
5°	2566.3	2614.9	2630.2	2668.5	2714.6
7.5°	2341.4	2489.6	2530.5	2622.5	2694.1
10°	2124.0	2272.4	2343.9	2561.2	2668.5
12.5°	2014.1	2101.0	2149.6	2453.8	2632.8
15°	1945.1	2006.5	2042.2	2310.7	2591.9
17.5°	1891.4	1934.9	1960.5	2170.0	2535.6
20°	1858.2	1878.7	1901.7	2067.8	2471.7
22.5°	1835.2	1822.4	1840.3	1996.2	2384.8
25°	1819.9	1771.3	1791.8	1940.0	2282.6
27.5°	1832.7	1725.3	1733.0	1888.9	2175.2
30°	1835.2	1669.1	1671.6	1835.2	2055.0
32.5°	1817.3	1610.3	1612.8	1768.8	1919.6
35°	1773.9	1541.3	1538.7	1692.1	1735.5
37.5°	1715.1	1467.1	1467.1	1607.7	1533.6
40°	1643.5	1393.0	1400.7	1497.8	1354.7
42.5°	1556.6	1313.8	1324.0	1352.1	1221.8
45°	1462.0	1237.1	1244.8	1142.5	1119.5
47.5°	1357.2	1157.9	1160.4	948.3	1086.3
50°	1232.0	1076.1	1065.9	812.8	1083.7
52.5°	1122.1	986.6	955.9	736.1	984.1
55°	1014.7	892.0	825.6	677.3	912.5
57.5°	920.2	769.4	705.5	608.3	897.2
60°	833.3	649.2	600.7	534.2	823.0
62.5°	761.7	559.8	549.5	483.1	746.4
65°	685.0	498.4	495.9	439.6	633.9
67.5°	610.9	457.5	455.0	398.7	483.1
70°	531.6	414.1	409.0	355.3	357.8
72.5°	449.9	365.5	360.4	319.5	296.5
75°	368.1	309.3	306.7	278.6	240.3
77.5°	288.8	245.4	250.5	224.9	176.4
80°	207.0	178.9	184.0	161.0	132.9
82.5°	138.0	117.6	122.7	102.2	89.5
85°	76.7	66.5	69.0	53.7	40.9
87.5°	35.8	30.7	30.7	20.4	12.8
90°	23.2	14.7	13.7	9.5	5.3
92.5°	142.9	101.6	92.7	56.8	21.0
95°	351.7	198.1	181.7	116.1	50.6
97.5°	473.8	217.6	203.1	145.3	87.4
100°	518.2	233.9	220.8	168.4	115.9
102.5°	538.5	250.2	238.0	189.1	140.2
105°	553.6	274.4	264.0	222.6	181.2
107.5°	556.5	310.3	300.7	262.0	223.4
110°	552.3	330.3	321.6	286.7	251.9



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CATALOG NUMBER: SQ4-FA-050U-075D-935-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	552.4	354.5	346.2	312.9	279.7
115°	557.5	390.9	383.2	352.6	321.9
117.5°	567.9	426.2	419.2	391.3	363.5
120°	576.3	446.7	440.1	414.0	387.7
122.5°	588.5	471.0	464.3	437.9	411.4
125°	604.8	502.1	496.0	471.9	447.8
127.5°	621.1	532.1	526.0	501.7	477.3
130°	633.0	552.1	545.5	519.4	493.1
132.5°	642.7	568.5	561.9	535.7	509.4
135°	653.2	587.4	581.4	557.5	533.7
137.5°	669.1	611.7	605.8	582.1	558.4
140°	678.7	627.9	622.5	600.7	578.9
142.5°	686.8	640.1	635.1	614.9	594.8
145°	697.4	658.5	654.1	636.5	619.0
147.5°	712.8	681.7	677.4	660.3	643.3
150°	720.9	693.8	689.9	674.4	659.0
152.5°	726.2	701.7	698.8	687.1	675.4
155°	737.7	719.1	717.0	708.3	699.6
157.5°	749.3	736.5	734.3	726.0	717.6
160°	754.6	744.4	742.8	736.2	729.7
162.5°	760.2	752.8	751.6	746.7	741.8
165°	768.2	764.9	763.8	759.4	755.0
167.5°	774.6	771.7	771.2	769.1	767.1
170°	779.8	779.7	779.2	777.0	775.0
172.5°	780.2	780.2	780.1	779.6	779.2
175°	783.3	784.9	784.9	784.9	784.9
177.5°	783.8	784.9	784.9	784.9	784.9
180°	784.9	784.9	784.9	784.9	784.9



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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	12.89	13.83	13.78	14.73	15.89	15.74	16.68	16.63	17.59	18.74
	3H	13.37	14.21	14.27	15.13	16.31	17.10	17.94	18.00	18.86	20.03
	4H	13.57	14.36	14.48	15.28	16.47	17.55	18.35	18.47	19.27	20.46
	6H	13.69	14.42	14.62	15.35	16.55	17.85	18.58	18.77	19.51	20.71
	8H	13.69	14.39	14.63	15.34	16.54	17.93	18.62	18.86	19.57	20.77
	12H	13.67	14.33	14.61	15.27	16.49	17.97	18.63	18.91	19.57	20.80
4H	2H	13.94	14.73	14.86	15.65	16.84	16.16	16.95	17.08	17.87	19.06
	3H	14.97	15.63	15.90	16.59	17.79	17.68	18.34	18.61	19.29	20.50
	4H	15.25	15.85	16.19	16.80	18.03	18.21	18.82	19.15	19.76	20.99
	6H	15.38	15.90	16.33	16.87	18.10	18.59	19.11	19.54	20.08	21.31
	8H	15.39	15.87	16.34	16.84	18.08	18.70	19.19	19.66	20.15	21.39
	12H	15.36	15.80	16.33	16.78	18.03	18.76	19.20	19.74	20.19	21.43
8H	4H	15.71	16.20	16.67	17.16	18.41	18.34	18.83	19.30	19.79	21.04
	6H	15.98	16.38	16.96	17.39	18.63	18.79	19.19	19.77	20.20	21.44
	8H	16.02	16.38	17.01	17.37	18.63	18.95	19.30	19.94	20.30	21.55
	12H	16.01	16.32	17.00	17.31	18.62	19.05	19.36	20.05	20.35	21.66
12H	4H	15.72	16.16	16.70	17.14	18.39	18.31	18.75	19.29	19.73	20.98
	6H	16.04	16.40	17.03	17.39	18.65	18.79	19.14	19.78	20.14	21.40
	8H	16.11	16.42	17.11	17.41	18.72	18.96	19.27	19.95	20.26	21.56