

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: P935315

Luminaire Tested: SQ4-FA-100U-125D-835-1D-UNV-STD-W-6

Issue Date: 12/17/2024

**Test Information**

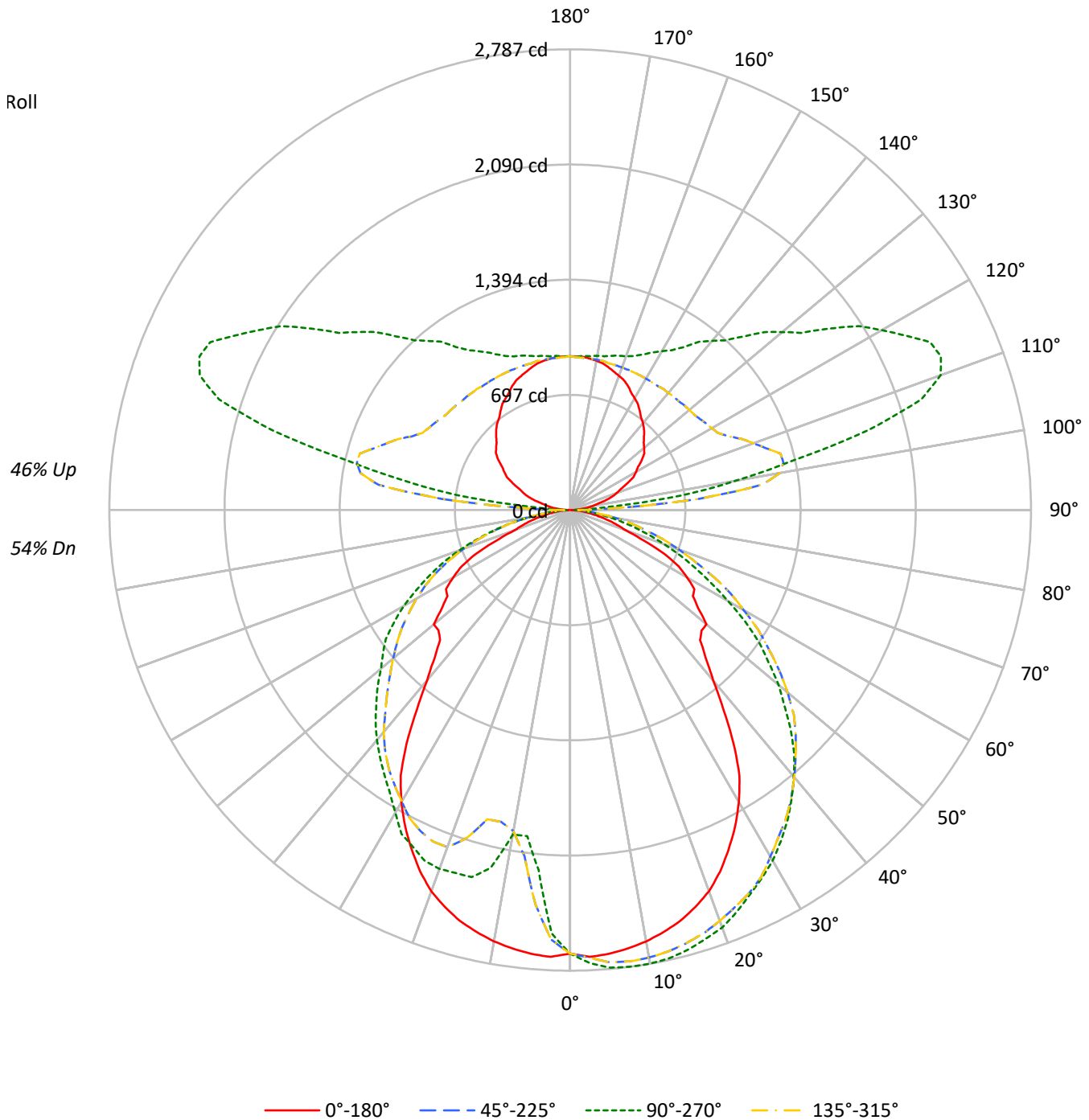
Test Method: LM-79-2019  
Report Number: P935315  
REPORT IS A COMBINATION OF REPORTS P933751 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-100U-125D-835-1D-UNV-STD-W-6  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12986.0 lumens  
Efficiency: N/A  
Efficacy: 125.8 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')  
CIE Type: General Diffuse  
  
Input Watts (W): 103.2  
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				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	108	108	108	108	100	100	100	100	85	85	85	72	72	72	59	59	59	54				54
1	99	94	90	87	91	88	84	81	75	73	70	63	62	60	53	51	50	45				45
2	90	82	76	71	83	77	71	67	66	62	58	56	53	50	46	44	42	38				38
3	82	72	65	59	76	67	61	56	58	53	49	49	46	42	41	38	36	32				32
4	75	64	56	50	69	60	53	47	51	46	42	44	40	36	37	34	31	28				28
5	69	57	49	43	64	53	46	41	46	40	36	39	35	31	33	30	27	24				24
6	63	51	43	37	59	48	41	35	41	36	31	35	31	28	30	26	24	21				21
7	59	46	38	33	54	43	36	31	38	32	28	32	28	24	27	24	21	19				19
8	54	42	34	29	50	39	32	27	34	29	24	29	25	22	25	22	19	17				17
9	51	38	31	26	47	36	29	24	31	26	22	27	23	19	23	20	17	15				15
10	47	35	28	23	44	33	26	22	29	23	20	25	21	18	21	18	15	13				13

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

	0°	90°	180°	270°
0°	16596	16596	16596	16596
5°	16714	16753	16714	13173
10°	16596	16503	16596	11798
15°	16410	16145	16410	13481
20°	16060	15722	16060	13510
25°	15351	15104	15351	13223
30°	14437	14591	14437	12595
35°	12865	13942	12865	11904
40°	10713	13178	10713	11382
45°	9566	12285	9566	10782
50°	10156	11218	10156	10180
55°	9545	10069	9545	9831
60°	9828	8552	9828	9005
65°	8896	7069	8896	7902
70°	6145	5634	6145	6624
75°	5369	4165	5369	4987
80°	4296	2753	4296	2998
85°	2421	1458	2421	1240

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 14671 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	242.2	1.9
10°-20°	687.6	5.3
20°-30°	1062.9	8.2
30°-40°	1268.9	9.8
40°-50°	1276.3	9.8
50°-60°	1110.5	8.6
60°-70°	787.4	6.1
70°-80°	416.6	3.2
80°-90°	107.3	0.8
90°-100°	453.1	3.5
100°-110°	1191.4	9.2
110°-120°	1235.3	9.5
120°-130°	990.9	7.6
130°-140°	777.5	6.0
140°-150°	596.7	4.6
150°-160°	429.8	3.3
160°-170°	263.0	2.0
170°-180°	88.8	0.7
0°-30°	1992.6	15.3
0°-40°	3261.5	25.1
0°-60°	5648.3	43.5
0°-90°	6959.5	53.6
90°-120°	2879.8	22.2
90°-150°	5244.9	40.4
90°-180°	6026.0	46.4
0°-180°	12986.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2683	2683	2683	2683	2683	
5°	2696	2779	2696	2185	2696	256
15°	2574	2754	2574	2300	2574	724
25°	2266	2569	2266	2249	2266	1041
35°	1723	2292	1723	1957	1723	1066
45°	1112	1888	1112	1657	1112	891
55°	906	1393	906	1360	906	833
65°	630	840	630	939	630	602
75°	239	398	239	477	239	251
85°	41	102	41	86	41	55
90°	6	24	6	24	6	7
95°	60	274	60	274	60	67
105°	215	1866	215	1866	215	228
115°	381	2402	381	2402	381	377
125°	530	1913	530	1913	530	471
135°	632	1484	632	1484	632	489
145°	733	1204	733	1204	733	459
155°	829	1037	829	1037	829	381
165°	894	966	894	966	894	252
175°	930	936	930	936	930	88
180°	930	930	930	930	930	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8
2.5°	2705.6	2705.6	2720.9	2725.9	2725.9	2718.3	2710.7	2718.3	2741.2	2748.8	2746.2
5°	2695.5	2715.8	2743.7	2748.8	2753.9	2751.3	2746.2	2751.3	2776.7	2781.8	2784.3
7.5°	2675.2	2713.2	2748.8	2756.4	2764.0	2756.4	2753.9	2758.9	2784.3	2789.4	2789.4
10°	2649.8	2703.1	2743.7	2748.8	2756.4	2748.8	2748.8	2758.9	2784.3	2789.4	2791.9
12.5°	2614.3	2687.9	2725.9	2731.0	2741.2	2738.6	2736.1	2746.2	2771.6	2776.7	2776.7
15°	2573.7	2659.9	2695.5	2700.6	2718.3	2713.2	2713.2	2723.4	2751.3	2758.9	2756.4
17.5°	2517.8	2624.4	2665.0	2672.6	2685.3	2682.8	2685.3	2695.5	2720.9	2725.9	2728.5
20°	2454.4	2576.2	2624.4	2632.0	2644.7	2644.7	2644.7	2657.4	2682.8	2692.9	2692.9
22.5°	2368.1	2525.4	2576.2	2581.3	2596.5	2596.5	2601.6	2619.3	2642.2	2644.7	2644.7
25°	2266.5	2469.6	2512.7	2528.0	2543.2	2550.8	2558.4	2568.6	2576.2	2573.7	2576.2
27.5°	2159.9	2398.5	2454.4	2464.5	2484.8	2492.4	2502.6	2505.1	2507.7	2515.3	2510.2
30°	2040.6	2299.5	2383.3	2393.4	2426.4	2431.5	2421.4	2426.4	2439.1	2444.2	2449.3
32.5°	1906.1	2152.3	2309.7	2332.5	2363.0	2347.8	2345.2	2352.8	2373.1	2373.1	2378.2
35°	1723.4	2038.1	2241.2	2261.5	2284.3	2266.5	2276.7	2279.2	2291.9	2299.5	2297.0
37.5°	1522.9	1939.1	2170.1	2185.3	2203.1	2180.2	2195.5	2203.1	2213.2	2208.2	2208.2
40°	1345.2	1784.3	2086.3	2096.5	2111.7	2093.9	2109.2	2114.3	2119.3	2114.3	2111.7
42.5°	1213.2	1614.2	1997.5	2010.2	2000.0	2012.7	2017.8	2028.0	2020.3	2010.2	2010.2
45°	1111.7	1568.6	1901.0	1916.3	1901.0	1921.4	1929.0	1929.0	1906.1	1901.0	1898.5
47.5°	1078.7	1477.2	1804.6	1804.6	1797.0	1822.4	1835.1	1817.3	1794.4	1786.8	1786.8
50°	1076.2	1375.7	1672.6	1662.5	1698.0	1728.5	1715.8	1698.0	1680.2	1652.3	1652.3
52.5°	977.2	1251.3	1502.6	1540.6	1596.5	1614.2	1593.9	1576.2	1545.7	1533.0	1522.9
55°	906.1	1121.8	1347.7	1423.9	1482.3	1505.1	1467.0	1449.3	1403.6	1396.0	1390.9
57.5°	890.9	934.0	1205.6	1302.1	1373.1	1370.6	1347.7	1314.7	1276.7	1269.1	1266.5
60°	817.3	675.1	1053.3	1167.5	1241.1	1233.5	1213.2	1182.8	1147.2	1142.2	1137.1
62.5°	741.1	489.9	880.7	1010.2	1114.2	1111.7	1093.9	1048.2	1022.9	1010.2	1000.0
65°	629.5	411.2	626.9	840.1	989.9	994.9	956.9	923.9	896.0	880.7	878.2
67.5°	479.7	335.0	423.9	700.5	870.6	865.5	817.3	802.0	766.5	758.9	743.7
70°	355.3	223.4	294.4	568.5	753.8	741.1	703.1	685.3	652.3	634.5	624.4
72.5°	294.4	180.2	215.7	441.6	634.5	619.3	586.3	566.0	538.1	522.9	512.7
75°	238.6	190.4	165.0	327.4	515.2	505.1	474.6	454.3	431.5	411.2	413.7
77.5°	175.1	177.7	132.0	241.1	408.6	393.4	375.6	350.3	340.1	319.8	319.8
80°	132.0	139.6	99.0	165.0	294.4	294.4	279.2	261.4	243.7	233.5	233.5
82.5°	88.8	88.8	73.6	104.1	200.5	192.9	182.7	177.7	167.5	162.4	162.4
85°	40.6	50.8	45.7	63.5	109.1	114.2	114.2	109.1	106.6	101.5	104.1
87.5°	12.7	22.8	27.9	35.5	55.8	58.4	60.9	60.9	60.9	63.5	63.5
90°	6.2	11.2	16.2	17.5	27.5	40.8	47.4	42.1	31.6	23.7	23.7
92.5°	25.0	67.4	109.8	120.4	169.3	234.4	267.0	234.0	168.0	118.5	113.8
95°	59.9	137.5	215.2	234.6	416.6	659.2	780.5	696.5	528.4	402.4	388.1
97.5°	103.6	172.1	240.6	257.7	561.1	965.7	1168.0	1114.9	1008.7	929.0	901.8
100°	137.3	199.4	261.5	277.0	613.7	1062.6	1287.1	1291.0	1298.8	1304.6	1272.2
102.5°	166.0	224.0	281.9	296.4	637.9	1093.2	1320.8	1388.5	1523.8	1625.3	1597.6
105°	214.6	263.7	312.8	325.1	655.8	1096.7	1317.1	1468.8	1772.1	1999.6	1984.7
107.5°	264.5	310.3	356.1	367.5	659.1	1047.8	1242.2	1453.8	1876.9	2194.3	2197.9
110°	298.2	339.5	380.9	391.2	654.1	1004.6	1179.8	1416.3	1889.4	2244.2	2259.7



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	331.3	370.7	410.1	419.9	654.3	966.8	1123.0	1365.1	1849.3	2212.4	2236.2
115°	381.2	417.5	453.8	462.9	660.3	923.4	1055.0	1288.2	1754.7	2104.5	2137.6
117.5°	430.5	463.5	496.5	504.7	672.5	896.3	1008.2	1218.7	1639.6	1955.3	1992.0
120°	459.2	490.3	521.3	529.1	682.6	887.2	989.5	1181.8	1566.4	1854.9	1890.5
122.5°	487.3	518.6	550.0	557.8	696.9	882.4	975.2	1148.4	1494.7	1754.4	1789.6
125°	530.3	558.9	587.5	594.6	716.3	878.5	959.6	1106.7	1400.9	1621.6	1654.0
127.5°	565.3	594.1	623.0	630.2	735.6	876.2	946.5	1072.8	1325.4	1514.9	1542.2
130°	584.0	615.1	646.1	653.9	749.8	877.6	941.5	1053.9	1278.8	1447.5	1472.7
132.5°	603.3	634.4	665.4	673.2	761.2	878.5	937.1	1037.8	1239.1	1390.1	1412.7
135°	632.0	660.3	688.6	695.7	773.7	877.6	929.6	1013.9	1182.5	1309.0	1328.5
137.5°	661.3	689.3	717.4	724.4	792.4	883.1	928.4	999.7	1142.2	1249.1	1265.0
140°	685.7	711.5	737.3	743.7	803.8	883.9	924.0	985.6	1108.7	1201.0	1215.9
142.5°	704.4	728.3	752.1	758.1	813.4	887.1	924.0	978.1	1086.2	1167.3	1180.1
145°	733.1	753.9	774.7	779.9	825.9	887.2	917.8	962.0	1050.5	1116.8	1126.5
147.5°	761.8	782.0	802.2	807.3	844.1	893.2	917.8	952.6	1022.2	1074.4	1082.4
150°	780.5	798.8	817.1	821.7	853.7	896.4	917.8	947.2	1005.9	1050.0	1056.5
152.5°	799.9	813.8	827.6	831.1	860.0	898.5	917.8	942.9	993.1	1030.7	1035.6
155°	828.6	838.8	849.0	851.6	873.7	903.1	917.8	937.8	977.7	1007.6	1010.9
157.5°	849.8	859.8	869.7	872.2	887.4	907.7	917.8	933.3	964.4	987.7	990.0
160°	864.1	871.9	879.7	881.6	893.7	909.8	917.8	931.1	957.7	977.7	979.0
162.5°	878.5	884.3	890.1	891.6	900.3	912.0	917.8	929.0	951.5	968.3	969.5
165°	894.1	899.3	904.6	905.9	909.9	915.2	917.8	925.8	941.9	954.0	955.3
167.5°	908.4	910.9	913.4	914.0	917.3	921.8	924.0	929.3	939.8	947.7	948.3
170°	917.8	920.3	922.8	923.4	923.6	923.9	924.0	929.3	939.8	947.7	947.7
172.5°	922.8	923.3	923.9	924.0	924.0	924.0	924.0	928.2	936.5	942.7	942.2
175°	929.6	929.6	929.6	929.6	927.7	925.2	924.0	926.6	931.9	935.9	935.9
177.5°	929.6	929.6	929.6	929.6	928.2	926.3	925.3	927.4	931.5	934.6	934.0
180°	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8
2.5°	2751.3	2743.7	2751.3	2746.2	2748.8	2741.2	2718.3	2710.7	2718.3	2725.9	2725.9
5°	2784.3	2779.2	2784.3	2784.3	2781.8	2776.7	2751.3	2746.2	2751.3	2753.9	2748.8
7.5°	2794.5	2786.9	2794.5	2789.4	2789.4	2784.3	2758.9	2753.9	2756.4	2764.0	2756.4
10°	2794.5	2786.9	2794.5	2791.9	2789.4	2784.3	2758.9	2748.8	2748.8	2756.4	2748.8
12.5°	2781.8	2776.7	2781.8	2776.7	2776.7	2771.6	2746.2	2736.1	2738.6	2741.2	2731.0
15°	2761.5	2753.9	2761.5	2756.4	2758.9	2751.3	2723.4	2713.2	2713.2	2718.3	2700.6
17.5°	2731.0	2720.9	2731.0	2728.5	2725.9	2720.9	2695.5	2685.3	2682.8	2685.3	2672.6
20°	2695.5	2687.9	2695.5	2692.9	2692.9	2682.8	2657.4	2644.7	2644.7	2644.7	2632.0
22.5°	2639.6	2632.0	2639.6	2644.7	2644.7	2642.2	2619.3	2601.6	2596.5	2596.5	2581.3
25°	2576.2	2568.6	2576.2	2576.2	2573.7	2576.2	2568.6	2558.4	2550.8	2543.2	2528.0
27.5°	2515.3	2510.2	2515.3	2510.2	2515.3	2507.7	2505.1	2502.6	2492.4	2484.8	2464.5
30°	2454.4	2449.3	2454.4	2449.3	2444.2	2439.1	2426.4	2421.4	2431.5	2426.4	2393.4
32.5°	2378.2	2373.1	2378.2	2378.2	2373.1	2373.1	2352.8	2345.2	2347.8	2363.0	2332.5
35°	2299.5	2291.9	2299.5	2297.0	2299.5	2291.9	2279.2	2276.7	2266.5	2284.3	2261.5
37.5°	2208.2	2200.5	2208.2	2208.2	2208.2	2213.2	2203.1	2195.5	2180.2	2203.1	2185.3
40°	2114.3	2104.1	2114.3	2111.7	2114.3	2119.3	2114.3	2109.2	2093.9	2111.7	2096.5
42.5°	2007.7	2005.1	2007.7	2010.2	2010.2	2020.3	2028.0	2017.8	2012.7	2000.0	2010.2
45°	1893.4	1888.4	1893.4	1898.5	1901.0	1906.1	1929.0	1929.0	1921.4	1901.0	1916.3
47.5°	1771.6	1758.9	1771.6	1786.8	1786.8	1794.4	1817.3	1835.1	1822.4	1797.0	1804.6
50°	1642.2	1644.7	1642.2	1652.3	1652.3	1680.2	1698.0	1715.8	1728.5	1698.0	1662.5
52.5°	1515.3	1512.7	1515.3	1522.9	1533.0	1545.7	1576.2	1593.9	1614.2	1596.5	1540.6
55°	1388.3	1393.4	1388.3	1390.9	1396.0	1403.6	1449.3	1467.0	1505.1	1482.3	1423.9
57.5°	1261.4	1253.8	1261.4	1266.5	1269.1	1276.7	1314.7	1347.7	1370.6	1373.1	1302.1
60°	1114.2	1104.1	1114.2	1137.1	1142.2	1147.2	1182.8	1213.2	1233.5	1241.1	1167.5
62.5°	984.8	967.0	984.8	1000.0	1010.2	1022.9	1048.2	1093.9	1111.7	1114.2	1010.2
65°	847.7	840.1	847.7	878.2	880.7	896.0	923.9	956.9	994.9	989.9	840.1
67.5°	723.4	723.4	723.4	743.7	758.9	766.5	802.0	817.3	865.5	870.6	700.5
70°	609.1	606.6	609.1	624.4	634.5	652.3	685.3	703.1	741.1	753.8	568.5
72.5°	500.0	497.5	500.0	512.7	522.9	538.1	566.0	586.3	619.3	634.5	441.6
75°	403.6	398.5	403.6	413.7	411.2	431.5	454.3	474.6	505.1	515.2	327.4
77.5°	309.7	309.7	309.7	319.8	319.8	340.1	350.3	375.6	393.4	408.6	241.1
80°	231.0	228.4	231.0	233.5	233.5	243.7	261.4	279.2	294.4	294.4	165.0
82.5°	162.4	157.4	162.4	162.4	162.4	167.5	177.7	182.7	192.9	200.5	104.1
85°	101.5	101.5	101.5	104.1	101.5	106.6	109.1	114.2	114.2	109.1	63.5
87.5°	66.0	63.5	66.0	63.5	63.5	60.9	60.9	60.9	58.4	55.8	35.5
90°	23.7	23.7	23.7	23.7	23.7	31.6	42.1	47.4	40.8	27.5	17.5
92.5°	94.9	76.1	94.9	113.8	118.5	168.0	234.0	267.0	234.4	169.3	120.4
95°	331.0	273.9	331.0	388.1	402.4	528.4	696.5	780.5	659.2	416.6	234.6
97.5°	793.1	684.4	793.1	901.8	929.0	1008.7	1114.9	1168.0	965.7	561.1	257.7
100°	1142.7	1013.2	1142.7	1272.2	1304.6	1298.8	1291.0	1287.1	1062.6	613.7	277.0
102.5°	1486.6	1375.7	1486.6	1597.6	1625.3	1523.8	1388.5	1320.8	1093.2	637.9	296.4
105°	1925.1	1865.5	1925.1	1984.7	1999.6	1772.1	1468.8	1317.1	1096.7	655.8	325.1
107.5°	2212.4	2226.8	2212.4	2197.9	2194.3	1876.9	1453.8	1242.2	1047.8	659.1	367.5
110°	2321.9	2384.0	2321.9	2259.7	2244.2	1889.4	1416.3	1179.8	1004.6	654.1	391.2





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CATALOG NUMBER: SQ4-FA-100U-125D-835-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2331.6	2427.0	2331.6	2236.2	2212.4	1849.3	1365.1	1123.0	966.8	654.3	419.9
115°	2269.8	2402.1	2269.8	2137.6	2104.5	1754.7	1288.2	1055.0	923.4	660.3	462.9
117.5°	2138.7	2285.4	2138.7	1992.0	1955.3	1639.6	1218.7	1008.2	896.3	672.5	504.7
120°	2033.1	2175.6	2033.1	1890.5	1854.9	1566.4	1181.8	989.5	887.2	682.6	529.1
122.5°	1930.2	2070.8	1930.2	1789.6	1754.4	1494.7	1148.4	975.2	882.4	696.9	557.8
125°	1783.4	1912.9	1783.4	1654.0	1621.6	1400.9	1106.7	959.6	878.5	716.3	594.6
127.5°	1651.5	1760.7	1651.5	1542.2	1514.9	1325.4	1072.8	946.5	876.2	735.6	630.2
130°	1573.7	1674.6	1573.7	1472.7	1447.5	1278.8	1053.9	941.5	877.6	749.8	653.9
132.5°	1503.1	1593.5	1503.1	1412.7	1390.1	1239.1	1037.8	937.1	878.5	761.2	673.2
135°	1406.4	1484.3	1406.4	1328.5	1309.0	1182.5	1013.9	929.6	877.6	773.7	695.7
137.5°	1328.8	1392.6	1328.8	1265.0	1249.1	1142.2	999.7	928.4	883.1	792.4	724.4
140°	1275.6	1335.2	1275.6	1215.9	1201.0	1108.7	985.6	924.0	883.9	803.8	743.7
142.5°	1231.5	1282.8	1231.5	1180.1	1167.3	1086.2	978.1	924.0	887.1	813.4	758.1
145°	1165.4	1204.2	1165.4	1126.5	1116.8	1050.5	962.0	917.8	887.2	825.9	779.9
147.5°	1114.6	1146.8	1114.6	1082.4	1074.4	1022.2	952.6	917.8	893.2	844.1	807.3
150°	1082.6	1108.7	1082.6	1056.5	1050.0	1005.9	947.2	917.8	896.4	853.7	821.7
152.5°	1055.3	1075.0	1055.3	1035.6	1030.7	993.1	942.9	917.8	898.5	860.0	831.1
155°	1023.9	1036.9	1023.9	1010.9	1007.6	977.7	937.8	917.8	903.1	873.7	851.6
157.5°	999.1	1008.2	999.1	990.0	987.7	964.4	933.3	917.8	907.7	887.4	872.2
160°	984.3	989.5	984.3	979.0	977.7	957.7	931.1	917.8	909.8	893.7	881.6
162.5°	974.5	979.5	974.5	969.5	968.3	951.5	929.0	917.8	912.0	900.3	891.6
165°	960.6	965.8	960.6	955.3	954.0	941.9	925.8	917.8	915.2	909.9	905.9
167.5°	950.5	952.7	950.5	948.3	947.7	939.8	929.3	924.0	921.8	917.3	914.0
170°	947.7	947.7	947.7	947.7	947.7	939.8	929.3	924.0	923.9	923.6	923.4
172.5°	940.3	938.4	940.3	942.2	942.7	936.5	928.2	924.0	924.0	924.0	924.0
175°	935.9	935.9	935.9	935.9	935.9	931.9	926.6	924.0	925.2	927.7	929.6
177.5°	931.8	929.6	931.8	934.0	934.6	931.5	927.4	925.3	926.3	928.2	929.6
180°	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6



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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8
2.5°	2720.9	2705.6	2705.6	2680.3	2670.1	2662.5	2649.8	2611.7	2601.6	2591.4	2606.6
5°	2743.7	2715.8	2695.5	2649.8	2611.7	2596.5	2548.3	2456.9	2396.0	2350.3	2324.9
7.5°	2748.8	2713.2	2675.2	2604.1	2512.7	2472.1	2324.9	2157.4	2111.7	2071.1	2045.7
10°	2743.7	2703.1	2649.8	2543.2	2327.5	2256.4	2109.2	2000.0	1972.1	1964.5	1972.1
12.5°	2725.9	2687.9	2614.3	2436.6	2134.6	2086.3	2000.0	1936.6	1931.5	1944.2	2012.7
15°	2695.5	2659.9	2573.7	2294.5	2028.0	1992.4	1931.5	1908.7	1936.6	2025.4	2231.0
17.5°	2665.0	2624.4	2517.8	2154.9	1946.7	1921.4	1878.2	1923.9	2081.3	2200.5	2269.1
20°	2624.4	2576.2	2454.4	2053.3	1888.4	1865.5	1845.2	2050.8	2170.1	2213.2	2251.3
22.5°	2576.2	2525.4	2368.1	1982.3	1827.4	1809.7	1822.4	2121.9	2170.1	2200.5	2233.5
25°	2512.7	2469.6	2266.5	1926.4	1779.2	1758.9	1807.1	2114.3	2142.2	2149.8	2215.8
27.5°	2454.4	2398.5	2159.9	1875.7	1720.8	1713.2	1819.8	2081.3	2101.6	2109.2	2180.2
30°	2383.3	2299.5	2040.6	1822.4	1659.9	1657.4	1822.4	2040.6	2035.6	2055.9	2126.9
32.5°	2309.7	2152.3	1906.1	1756.4	1601.6	1599.0	1804.6	1979.7	1974.7	2002.6	2055.9
35°	2241.2	2038.1	1723.4	1680.2	1527.9	1530.5	1761.5	1908.7	1911.2	1936.6	1969.6
37.5°	2170.1	1939.1	1522.9	1596.5	1456.9	1456.9	1703.1	1842.7	1837.6	1845.2	1890.9
40°	2086.3	1784.3	1345.2	1487.3	1390.9	1383.3	1632.0	1771.6	1753.8	1751.3	1814.8
42.5°	1997.5	1614.2	1213.2	1342.7	1314.7	1304.6	1545.7	1685.3	1652.3	1659.9	1741.1
45°	1901.0	1568.6	1111.7	1134.5	1236.1	1228.4	1451.8	1586.3	1563.5	1583.8	1667.5
47.5°	1804.6	1477.2	1078.7	941.6	1152.3	1149.8	1347.7	1489.9	1477.2	1497.5	1586.3
50°	1672.6	1375.7	1076.2	807.1	1058.4	1068.5	1223.4	1396.0	1396.0	1413.7	1507.6
52.5°	1502.6	1251.3	977.2	731.0	949.3	979.7	1114.2	1314.7	1319.8	1337.6	1421.3
55°	1347.7	1121.8	906.1	672.6	819.8	885.8	1007.6	1231.0	1241.1	1258.9	1335.0
57.5°	1205.6	934.0	890.9	604.1	700.5	764.0	913.7	1149.8	1154.8	1170.1	1243.7
60°	1053.3	675.1	817.3	530.5	596.5	644.7	827.4	1053.3	1071.1	1081.2	1144.7
62.5°	880.7	489.9	741.1	479.7	545.7	555.8	756.4	961.9	984.8	992.4	1030.5
65°	626.9	411.2	629.5	436.6	492.4	494.9	680.2	868.0	888.3	901.0	929.0
67.5°	423.9	335.0	479.7	395.9	451.8	454.3	606.6	758.9	786.8	797.0	814.7
70°	294.4	223.4	355.3	352.8	406.1	411.2	527.9	659.9	685.3	692.9	703.1
72.5°	215.7	180.2	294.4	317.3	357.9	363.0	446.7	548.2	573.6	581.2	586.3
75°	165.0	190.4	238.6	276.7	304.6	307.1	365.5	446.7	464.5	469.6	472.1
77.5°	132.0	177.7	175.1	223.4	248.7	243.7	286.8	345.2	360.4	360.4	360.4
80°	99.0	139.6	132.0	159.9	182.7	177.7	205.6	246.2	251.3	256.3	253.8
82.5°	73.6	88.8	88.8	101.5	121.8	116.8	137.1	159.9	159.9	159.9	165.0
85°	45.7	50.8	40.6	53.3	68.5	66.0	76.1	86.3	88.8	88.8	83.8
87.5°	27.9	22.8	12.7	20.3	30.5	30.5	35.5	38.1	35.5	35.5	35.5
90°	16.2	11.2	6.2	11.2	16.2	17.5	27.5	40.8	47.4	42.1	31.6
92.5°	109.8	67.4	25.0	67.4	109.8	120.4	169.3	234.4	267.0	234.0	168.0
95°	215.2	137.5	59.9	137.5	215.2	234.6	416.6	659.2	780.5	696.5	528.4
97.5°	240.6	172.1	103.6	172.1	240.6	257.7	561.1	965.7	1168.0	1114.9	1008.7
100°	261.5	199.4	137.3	199.4	261.5	277.0	613.7	1062.6	1287.1	1291.0	1298.8
102.5°	281.9	224.0	166.0	224.0	281.9	296.4	637.9	1093.2	1320.8	1388.5	1523.8
105°	312.8	263.7	214.6	263.7	312.8	325.1	655.8	1096.7	1317.1	1468.8	1772.1
107.5°	356.1	310.3	264.5	310.3	356.1	367.5	659.1	1047.8	1242.2	1453.8	1876.9
110°	380.9	339.5	298.2	339.5	380.9	391.2	654.1	1004.6	1179.8	1416.3	1889.4



TEST NUMBER: P935315

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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	410.1	370.7	331.3	370.7	410.1	419.9	654.3	966.8	1123.0	1365.1	1849.3
115°	453.8	417.5	381.2	417.5	453.8	462.9	660.3	923.4	1055.0	1288.2	1754.7
117.5°	496.5	463.5	430.5	463.5	496.5	504.7	672.5	896.3	1008.2	1218.7	1639.6
120°	521.3	490.3	459.2	490.3	521.3	529.1	682.6	887.2	989.5	1181.8	1566.4
122.5°	550.0	518.6	487.3	518.6	550.0	557.8	696.9	882.4	975.2	1148.4	1494.7
125°	587.5	558.9	530.3	558.9	587.5	594.6	716.3	878.5	959.6	1106.7	1400.9
127.5°	623.0	594.1	565.3	594.1	623.0	630.2	735.6	876.2	946.5	1072.8	1325.4
130°	646.1	615.1	584.0	615.1	646.1	653.9	749.8	877.6	941.5	1053.9	1278.8
132.5°	665.4	634.4	603.3	634.4	665.4	673.2	761.2	878.5	937.1	1037.8	1239.1
135°	688.6	660.3	632.0	660.3	688.6	695.7	773.7	877.6	929.6	1013.9	1182.5
137.5°	717.4	689.3	661.3	689.3	717.4	724.4	792.4	883.1	928.4	999.7	1142.2
140°	737.3	711.5	685.7	711.5	737.3	743.7	803.8	883.9	924.0	985.6	1108.7
142.5°	752.1	728.3	704.4	728.3	752.1	758.1	813.4	887.1	924.0	978.1	1086.2
145°	774.7	753.9	733.1	753.9	774.7	779.9	825.9	887.2	917.8	962.0	1050.5
147.5°	802.2	782.0	761.8	782.0	802.2	807.3	844.1	893.2	917.8	952.6	1022.2
150°	817.1	798.8	780.5	798.8	817.1	821.7	853.7	896.4	917.8	947.2	1005.9
152.5°	827.6	813.8	799.9	813.8	827.6	831.1	860.0	898.5	917.8	942.9	993.1
155°	849.0	838.8	828.6	838.8	849.0	851.6	873.7	903.1	917.8	937.8	977.7
157.5°	869.7	859.8	849.8	859.8	869.7	872.2	887.4	907.7	917.8	933.3	964.4
160°	879.7	871.9	864.1	871.9	879.7	881.6	893.7	909.8	917.8	931.1	957.7
162.5°	890.1	884.3	878.5	884.3	890.1	891.6	900.3	912.0	917.8	929.0	951.5
165°	904.6	899.3	894.1	899.3	904.6	905.9	909.9	915.2	917.8	925.8	941.9
167.5°	913.4	910.9	908.4	910.9	913.4	914.0	917.3	921.8	924.0	929.3	939.8
170°	922.8	920.3	917.8	920.3	922.8	923.4	923.6	923.9	924.0	929.3	939.8
172.5°	923.9	923.3	922.8	923.3	923.9	924.0	924.0	924.0	924.0	928.2	936.5
175°	929.6	929.6	929.6	929.6	929.6	929.6	927.7	925.2	924.0	926.6	931.9
177.5°	929.6	929.6	929.6	929.6	929.6	929.6	928.2	926.3	925.3	927.4	931.5
180°	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6



TEST NUMBER: P935315  
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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8
2.5°	2588.9	2581.3	2591.4	2563.5	2591.4	2581.3	2588.9	2606.6	2591.4	2601.6	2611.7
5°	2271.6	2258.9	2218.3	2185.3	2218.3	2258.9	2271.6	2324.9	2350.3	2396.0	2456.9
7.5°	2030.5	2020.3	2010.2	1989.9	2010.2	2020.3	2030.5	2045.7	2071.1	2111.7	2157.4
10°	1977.2	1979.7	1995.0	1992.4	1995.0	1979.7	1977.2	1972.1	1964.5	1972.1	2000.0
12.5°	2114.3	2137.1	2220.9	2215.8	2220.9	2137.1	2114.3	2012.7	1944.2	1931.5	1936.6
15°	2271.6	2279.2	2297.0	2299.5	2297.0	2279.2	2271.6	2231.0	2025.4	1936.6	1908.7
17.5°	2286.8	2289.4	2302.1	2302.1	2302.1	2289.4	2286.8	2269.1	2200.5	2081.3	1923.9
20°	2274.2	2279.2	2304.6	2309.7	2304.6	2279.2	2274.2	2251.3	2213.2	2170.1	2050.8
22.5°	2269.1	2279.2	2299.5	2297.0	2299.5	2279.2	2269.1	2233.5	2200.5	2170.1	2121.9
25°	2243.7	2243.7	2246.2	2248.8	2246.2	2243.7	2243.7	2215.8	2149.8	2142.2	2114.3
27.5°	2190.4	2195.5	2210.7	2208.2	2210.7	2195.5	2190.4	2180.2	2109.2	2101.6	2081.3
30°	2142.2	2137.1	2124.4	2114.3	2124.4	2137.1	2142.2	2126.9	2055.9	2035.6	2040.6
32.5°	2061.0	2048.3	2035.6	2028.0	2035.6	2048.3	2061.0	2055.9	2002.6	1974.7	1979.7
35°	1964.5	1967.0	1964.5	1956.9	1964.5	1967.0	1964.5	1969.6	1936.6	1911.2	1908.7
37.5°	1896.0	1901.0	1898.5	1888.4	1898.5	1901.0	1896.0	1890.9	1845.2	1837.6	1842.7
40°	1824.9	1827.4	1824.9	1817.3	1824.9	1827.4	1824.9	1814.8	1751.3	1753.8	1771.6
42.5°	1756.4	1753.8	1746.2	1741.1	1746.2	1753.8	1756.4	1741.1	1659.9	1652.3	1685.3
45°	1677.7	1680.2	1665.0	1657.4	1665.0	1680.2	1677.7	1667.5	1583.8	1563.5	1586.3
47.5°	1599.0	1599.0	1586.3	1578.7	1586.3	1599.0	1599.0	1586.3	1497.5	1477.2	1489.9
50°	1515.3	1512.7	1495.0	1492.4	1495.0	1512.7	1515.3	1507.6	1413.7	1396.0	1396.0
52.5°	1418.8	1418.8	1421.3	1426.4	1421.3	1418.8	1418.8	1421.3	1337.6	1319.8	1314.7
55°	1335.0	1337.6	1355.4	1360.4	1355.4	1337.6	1335.0	1335.0	1258.9	1241.1	1231.0
57.5°	1248.8	1248.8	1261.4	1261.4	1261.4	1248.8	1248.8	1243.7	1170.1	1154.8	1149.8
60°	1149.8	1154.8	1165.0	1162.5	1165.0	1154.8	1149.8	1144.7	1081.2	1071.1	1053.3
62.5°	1045.7	1050.8	1053.3	1048.2	1053.3	1050.8	1045.7	1030.5	992.4	984.8	961.9
65°	936.6	941.6	944.2	939.1	944.2	941.6	936.6	929.0	901.0	888.3	868.0
67.5°	824.9	822.3	819.8	830.0	819.8	822.3	824.9	814.7	797.0	786.8	758.9
70°	710.7	710.7	708.1	713.2	708.1	710.7	710.7	703.1	692.9	685.3	659.9
72.5°	588.8	586.3	596.5	588.8	596.5	586.3	588.8	586.3	581.2	573.6	548.2
75°	469.6	474.6	469.6	477.2	469.6	474.6	469.6	472.1	469.6	464.5	446.7
77.5°	357.9	363.0	357.9	357.9	357.9	363.0	357.9	360.4	360.4	360.4	345.2
80°	253.8	251.3	251.3	248.7	251.3	251.3	253.8	253.8	256.3	251.3	246.2
82.5°	162.4	159.9	159.9	165.0	159.9	159.9	162.4	165.0	159.9	159.9	159.9
85°	88.8	91.4	86.3	86.3	86.3	91.4	88.8	83.8	88.8	88.8	86.3
87.5°	33.0	30.5	30.5	30.5	30.5	30.5	33.0	35.5	35.5	35.5	38.1
90°	23.7	23.7	23.7	23.7	23.7	23.7	23.7	31.6	42.1	47.4	40.8
92.5°	118.5	113.8	94.9	76.1	94.9	113.8	118.5	168.0	234.0	267.0	234.4
95°	402.4	388.1	331.0	273.9	331.0	388.1	402.4	528.4	696.5	780.5	659.2
97.5°	929.0	901.8	793.1	684.4	793.1	901.8	929.0	1008.7	1114.9	1168.0	965.7
100°	1304.6	1272.2	1142.7	1013.2	1142.7	1272.2	1304.6	1298.8	1291.0	1287.1	1062.6
102.5°	1625.3	1597.6	1486.6	1375.7	1486.6	1597.6	1625.3	1523.8	1388.5	1320.8	1093.2
105°	1999.6	1984.7	1925.1	1865.5	1925.1	1984.7	1999.6	1772.1	1468.8	1317.1	1096.7
107.5°	2194.3	2197.9	2212.4	2226.8	2212.4	2197.9	2194.3	1876.9	1453.8	1242.2	1047.8
110°	2244.2	2259.7	2321.9	2384.0	2321.9	2259.7	2244.2	1889.4	1416.3	1179.8	1004.6



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2212.4	2236.2	2331.6	2427.0	2331.6	2236.2	2212.4	1849.3	1365.1	1123.0	966.8
115°	2104.5	2137.6	2269.8	2402.1	2269.8	2137.6	2104.5	1754.7	1288.2	1055.0	923.4
117.5°	1955.3	1992.0	2138.7	2285.4	2138.7	1992.0	1955.3	1639.6	1218.7	1008.2	896.3
120°	1854.9	1890.5	2033.1	2175.6	2033.1	1890.5	1854.9	1566.4	1181.8	989.5	887.2
122.5°	1754.4	1789.6	1930.2	2070.8	1930.2	1789.6	1754.4	1494.7	1148.4	975.2	882.4
125°	1621.6	1654.0	1783.4	1912.9	1783.4	1654.0	1621.6	1400.9	1106.7	959.6	878.5
127.5°	1514.9	1542.2	1651.5	1760.7	1651.5	1542.2	1514.9	1325.4	1072.8	946.5	876.2
130°	1447.5	1472.7	1573.7	1674.6	1573.7	1472.7	1447.5	1278.8	1053.9	941.5	877.6
132.5°	1390.1	1412.7	1503.1	1593.5	1503.1	1412.7	1390.1	1239.1	1037.8	937.1	878.5
135°	1309.0	1328.5	1406.4	1484.3	1406.4	1328.5	1309.0	1182.5	1013.9	929.6	877.6
137.5°	1249.1	1265.0	1328.8	1392.6	1328.8	1265.0	1249.1	1142.2	999.7	928.4	883.1
140°	1201.0	1215.9	1275.6	1335.2	1275.6	1215.9	1201.0	1108.7	985.6	924.0	883.9
142.5°	1167.3	1180.1	1231.5	1282.8	1231.5	1180.1	1167.3	1086.2	978.1	924.0	887.1
145°	1116.8	1126.5	1165.4	1204.2	1165.4	1126.5	1116.8	1050.5	962.0	917.8	887.2
147.5°	1074.4	1082.4	1114.6	1146.8	1114.6	1082.4	1074.4	1022.2	952.6	917.8	893.2
150°	1050.0	1056.5	1082.6	1108.7	1082.6	1056.5	1050.0	1005.9	947.2	917.8	896.4
152.5°	1030.7	1035.6	1055.3	1075.0	1055.3	1035.6	1030.7	993.1	942.9	917.8	898.5
155°	1007.6	1010.9	1023.9	1036.9	1023.9	1010.9	1007.6	977.7	937.8	917.8	903.1
157.5°	987.7	990.0	999.1	1008.2	999.1	990.0	987.7	964.4	933.3	917.8	907.7
160°	977.7	979.0	984.3	989.5	984.3	979.0	977.7	957.7	931.1	917.8	909.8
162.5°	968.3	969.5	974.5	979.5	974.5	969.5	968.3	951.5	929.0	917.8	912.0
165°	954.0	955.3	960.6	965.8	960.6	955.3	954.0	941.9	925.8	917.8	915.2
167.5°	947.7	948.3	950.5	952.7	950.5	948.3	947.7	939.8	929.3	924.0	921.8
170°	947.7	947.7	947.7	947.7	947.7	947.7	947.7	939.8	929.3	924.0	923.9
172.5°	942.7	942.2	940.3	938.4	940.3	942.2	942.7	936.5	928.2	924.0	924.0
175°	935.9	935.9	935.9	935.9	935.9	935.9	935.9	931.9	926.6	924.0	925.2
177.5°	934.6	934.0	931.8	929.6	931.8	934.0	934.6	931.5	927.4	925.3	926.3
180°	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	2682.8	2682.8	2682.8	2682.8	2682.8
2.5°	2649.8	2662.5	2670.1	2680.3	2705.6
5°	2548.3	2596.5	2611.7	2649.8	2695.5
7.5°	2324.9	2472.1	2512.7	2604.1	2675.2
10°	2109.2	2256.4	2327.5	2543.2	2649.8
12.5°	2000.0	2086.3	2134.6	2436.6	2614.3
15°	1931.5	1992.4	2028.0	2294.5	2573.7
17.5°	1878.2	1921.4	1946.7	2154.9	2517.8
20°	1845.2	1865.5	1888.4	2053.3	2454.4
22.5°	1822.4	1809.7	1827.4	1982.3	2368.1
25°	1807.1	1758.9	1779.2	1926.4	2266.5
27.5°	1819.8	1713.2	1720.8	1875.7	2159.9
30°	1822.4	1657.4	1659.9	1822.4	2040.6
32.5°	1804.6	1599.0	1601.6	1756.4	1906.1
35°	1761.5	1530.5	1527.9	1680.2	1723.4
37.5°	1703.1	1456.9	1456.9	1596.5	1522.9
40°	1632.0	1383.3	1390.9	1487.3	1345.2
42.5°	1545.7	1304.6	1314.7	1342.7	1213.2
45°	1451.8	1228.4	1236.1	1134.5	1111.7
47.5°	1347.7	1149.8	1152.3	941.6	1078.7
50°	1223.4	1068.5	1058.4	807.1	1076.2
52.5°	1114.2	979.7	949.3	731.0	977.2
55°	1007.6	885.8	819.8	672.6	906.1
57.5°	913.7	764.0	700.5	604.1	890.9
60°	827.4	644.7	596.5	530.5	817.3
62.5°	756.4	555.8	545.7	479.7	741.1
65°	680.2	494.9	492.4	436.6	629.5
67.5°	606.6	454.3	451.8	395.9	479.7
70°	527.9	411.2	406.1	352.8	355.3
72.5°	446.7	363.0	357.9	317.3	294.4
75°	365.5	307.1	304.6	276.7	238.6
77.5°	286.8	243.7	248.7	223.4	175.1
80°	205.6	177.7	182.7	159.9	132.0
82.5°	137.1	116.8	121.8	101.5	88.8
85°	76.1	66.0	68.5	53.3	40.6
87.5°	35.5	30.5	30.5	20.3	12.7
90°	27.5	17.5	16.2	11.2	6.2
92.5°	169.3	120.4	109.8	67.4	25.0
95°	416.6	234.6	215.2	137.5	59.9
97.5°	561.1	257.7	240.6	172.1	103.6
100°	613.7	277.0	261.5	199.4	137.3
102.5°	637.9	296.4	281.9	224.0	166.0
105°	655.8	325.1	312.8	263.7	214.6
107.5°	659.1	367.5	356.1	310.3	264.5
110°	654.1	391.2	380.9	339.5	298.2



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	654.3	419.9	410.1	370.7	331.3
115°	660.3	462.9	453.8	417.5	381.2
117.5°	672.5	504.7	496.5	463.5	430.5
120°	682.6	529.1	521.3	490.3	459.2
122.5°	696.9	557.8	550.0	518.6	487.3
125°	716.3	594.6	587.5	558.9	530.3
127.5°	735.6	630.2	623.0	594.1	565.3
130°	749.8	653.9	646.1	615.1	584.0
132.5°	761.2	673.2	665.4	634.4	603.3
135°	773.7	695.7	688.6	660.3	632.0
137.5°	792.4	724.4	717.4	689.3	661.3
140°	803.8	743.7	737.3	711.5	685.7
142.5°	813.4	758.1	752.1	728.3	704.4
145°	825.9	779.9	774.7	753.9	733.1
147.5°	844.1	807.3	802.2	782.0	761.8
150°	853.7	821.7	817.1	798.8	780.5
152.5°	860.0	831.1	827.6	813.8	799.9
155°	873.7	851.6	849.0	838.8	828.6
157.5°	887.4	872.2	869.7	859.8	849.8
160°	893.7	881.6	879.7	871.9	864.1
162.5°	900.3	891.6	890.1	884.3	878.5
165°	909.9	905.9	904.6	899.3	894.1
167.5°	917.3	914.0	913.4	910.9	908.4
170°	923.6	923.4	922.8	920.3	917.8
172.5°	924.0	924.0	923.9	923.3	922.8
175°	927.7	929.6	929.6	929.6	929.6
177.5°	928.2	929.6	929.6	929.6	929.6
180°	929.6	929.6	929.6	929.6	929.6



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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	14.89	15.78	15.81	16.73	17.95	17.71	18.61	18.64	19.55	20.77
	3H	15.37	16.17	16.31	17.12	18.37	19.06	19.86	20.00	20.81	22.06
	4H	15.56	16.32	16.51	17.28	18.53	19.50	20.26	20.46	21.22	22.47
	6H	15.68	16.38	16.65	17.34	18.61	19.79	20.49	20.75	21.45	22.72
	8H	15.68	16.35	16.65	17.33	18.59	19.86	20.53	20.83	21.51	22.77
	12H	15.66	16.29	16.63	17.26	18.55	19.90	20.54	20.88	21.51	22.80
4H	2H	15.92	16.68	16.88	17.64	18.89	18.13	18.88	19.08	19.84	21.09
	3H	16.95	17.59	17.92	18.57	19.84	19.63	20.27	20.60	21.25	22.52
	4H	17.23	17.81	18.21	18.79	20.08	20.16	20.74	21.14	21.72	23.01
	6H	17.36	17.86	18.35	18.86	20.15	20.53	21.03	21.52	22.03	23.32
	8H	17.37	17.83	18.36	18.83	20.13	20.63	21.10	21.63	22.10	23.40
	12H	17.33	17.75	18.34	18.77	20.08	20.69	21.11	21.70	22.13	23.43
8H	4H	17.69	18.15	18.68	19.15	20.45	20.29	20.75	21.28	21.75	23.05
	6H	17.95	18.33	18.97	19.37	20.67	20.73	21.11	21.74	22.15	23.45
	8H	17.99	18.33	19.02	19.36	20.68	20.88	21.22	21.90	22.24	23.56
	12H	17.98	18.28	19.01	19.30	20.66	20.98	21.27	22.00	22.29	23.66
12H	4H	17.69	18.11	18.70	19.13	20.44	20.26	20.67	21.27	21.69	23.00
	6H	18.01	18.35	19.04	19.38	20.70	20.72	21.06	21.75	22.09	23.41
	8H	18.08	18.38	19.11	19.40	20.76	20.89	21.18	21.91	22.20	23.57