

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: P934924

Luminaire Tested: SQ4-FA-075U-125D-927-1D-UNV-STD-W-8

Issue Date: 12/17/2024

**Test Information**

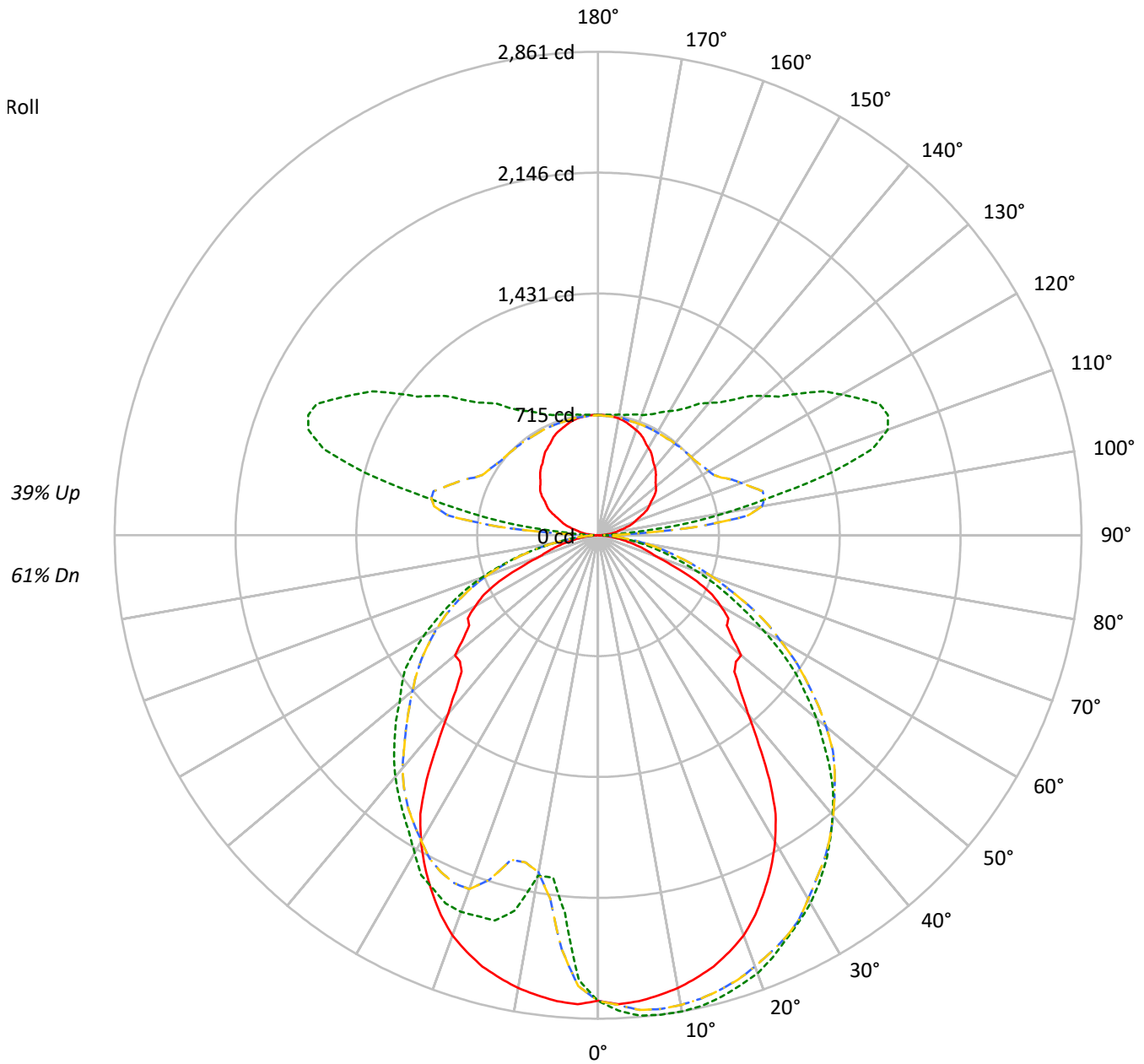
Test Method: LM-79-2019  
Report Number: P934924  
REPORT IS A COMBINATION OF REPORTS P933720 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-075U-125D-927-1D-UNV-STD-W-8  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11755.6 lumens  
Efficiency: N/A  
Efficacy: 94.8 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): 124  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

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### Luminous Intensity Polar Plot



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



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	110	110	110	110	103	103	103	103	89	89	89	77	77	77	66	66	66	66	66	66	61
1	100	96	92	88	94	90	86	83	79	76	74	68	66	65	59	57	56	56	56	56	51
2	91	84	78	72	85	79	73	68	69	65	61	60	57	54	52	49	47	47	47	47	43
3	83	74	66	60	78	69	63	57	61	56	51	53	49	46	46	43	40	40	40	40	36
4	76	65	57	51	71	61	54	49	54	48	44	47	43	39	41	37	35	35	35	35	31
5	70	58	50	44	65	55	47	42	48	42	38	42	38	34	37	33	30	30	30	30	27
6	65	52	44	38	60	49	42	36	44	37	33	38	33	30	33	29	26	26	26	26	24
7	60	47	39	33	56	45	37	32	39	33	29	35	30	26	30	26	23	23	23	23	21
8	55	43	35	29	52	40	33	28	36	30	26	32	27	23	28	24	21	21	21	21	19
9	52	39	31	26	48	37	30	25	33	27	23	29	24	21	26	22	19	19	19	19	17
10	48	36	29	24	45	34	27	23	30	25	21	27	22	19	24	20	17	17	17	17	15

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

	0°	90°	180°	270°
0°	12779	12779	12779	12779
5°	12875	12901	12875	10144
10°	12789	12707	12789	9085
15°	12650	12432	12650	10381
20°	12385	12106	12385	10403
25°	11844	11630	11844	10182
30°	11144	11235	11144	9698
35°	9935	10736	9935	9167
40°	8278	10148	8278	8764
45°	7397	9459	7397	8302
50°	7858	8638	7858	7839
55°	7393	7754	7393	7570
60°	7621	6586	7621	6934
65°	6910	5444	6910	6085
70°	4784	4338	4784	5101
75°	4194	3207	4194	3840
80°	3381	2120	3381	2309
85°	1942	1124	1942	954

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 11336 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	248.6	2.1
10°-20°	705.9	6.0
20°-30°	1091.3	9.3
30°-40°	1302.7	11.1
40°-50°	1310.4	11.1
50°-60°	1140.2	9.7
60°-70°	808.4	6.9
70°-80°	427.7	3.6
80°-90°	109.2	0.9
90°-100°	346.7	2.9
100°-110°	911.6	7.8
110°-120°	945.2	8.0
120°-130°	758.2	6.4
130°-140°	594.9	5.1
140°-150°	456.6	3.9
150°-160°	328.8	2.8
160°-170°	201.2	1.7
170°-180°	68.0	0.6
0°-30°	2045.8	17.4
0°-40°	3348.6	28.5
0°-60°	5799.1	49.3
0°-90°	7144.5	60.8
90°-120°	2203.5	18.7
90°-150°	4013.1	34.1
90°-180°	4611.0	39.2
0°-180°	11755.6	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2754	2754	2754	2754	2754	
5°	2768	2854	2768	2244	2768	263
15°	2642	2827	2642	2361	2642	743
25°	2327	2637	2327	2309	2327	1068
35°	1769	2353	1769	2009	1769	1095
45°	1141	1939	1141	1702	1141	914
55°	930	1431	930	1397	930	855
65°	646	863	646	964	646	618
75°	245	409	245	490	245	258
85°	42	104	42	89	42	56
90°	5	18	5	18	5	6
95°	46	210	46	210	46	51
105°	164	1427	164	1427	164	174
115°	292	1838	292	1838	292	288
125°	406	1464	406	1464	406	360
135°	484	1136	484	1136	484	374
145°	561	921	561	921	561	351
155°	634	793	634	793	634	291
165°	684	739	684	739	684	193
175°	711	716	711	716	711	68
180°	711	711	711	711	711	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4
2.5°	2777.9	2777.9	2793.5	2798.7	2798.7	2790.9	2783.1	2790.9	2814.4	2822.2	2819.6
5°	2767.5	2788.3	2817.0	2822.2	2827.4	2824.8	2819.6	2824.8	2850.8	2856.1	2858.7
7.5°	2746.6	2785.7	2822.2	2830.0	2837.8	2830.0	2827.4	2832.6	2858.7	2863.9	2863.9
10°	2720.6	2775.3	2817.0	2822.2	2830.0	2822.2	2822.2	2832.6	2858.7	2863.9	2866.5
12.5°	2684.1	2759.6	2798.7	2804.0	2814.4	2811.7	2809.2	2819.6	2845.6	2850.8	2850.8
15°	2642.4	2731.0	2767.5	2772.7	2790.9	2785.7	2785.7	2796.1	2824.8	2832.6	2830.0
17.5°	2585.0	2694.5	2736.2	2744.0	2757.1	2754.4	2757.1	2767.5	2793.5	2798.7	2801.3
20°	2519.9	2645.0	2694.5	2702.3	2715.3	2715.3	2715.3	2728.3	2754.4	2764.8	2764.8
22.5°	2431.3	2592.9	2645.0	2650.2	2665.8	2665.8	2671.1	2689.3	2712.7	2715.3	2715.3
25°	2327.1	2535.5	2579.8	2595.4	2611.1	2618.9	2626.8	2637.2	2645.0	2642.4	2645.0
27.5°	2217.6	2462.5	2519.9	2530.3	2551.2	2559.0	2569.4	2572.0	2574.6	2582.4	2577.2
30°	2095.2	2361.0	2446.9	2457.4	2491.3	2496.4	2486.0	2491.3	2504.3	2509.5	2514.7
32.5°	1957.0	2209.8	2371.4	2394.9	2426.1	2410.5	2407.9	2415.6	2436.5	2436.5	2441.7
35°	1769.4	2092.6	2301.0	2321.9	2345.3	2327.1	2337.5	2340.1	2353.1	2361.0	2358.4
37.5°	1563.6	1990.9	2228.1	2243.7	2262.0	2238.5	2254.1	2262.0	2272.3	2267.1	2267.1
40°	1381.1	1831.9	2142.1	2152.5	2168.1	2149.8	2165.5	2170.7	2175.9	2170.7	2168.1
42.5°	1245.6	1657.3	2050.8	2063.8	2053.4	2066.4	2071.7	2082.1	2074.3	2063.8	2063.8
45°	1141.4	1610.5	1951.8	1967.4	1951.8	1972.7	1980.5	1980.5	1957.0	1951.8	1949.2
47.5°	1107.5	1516.6	1852.8	1852.8	1845.0	1871.0	1884.0	1865.8	1842.4	1834.5	1834.5
50°	1104.9	1412.4	1717.3	1706.9	1743.4	1774.6	1761.6	1743.4	1725.1	1696.5	1696.5
52.5°	1003.2	1284.7	1542.7	1581.8	1639.1	1657.3	1636.5	1618.2	1587.0	1574.0	1563.6
55°	930.3	1151.8	1383.8	1461.9	1521.8	1545.3	1506.2	1487.9	1441.1	1433.3	1428.0
57.5°	914.7	959.0	1237.8	1336.8	1409.8	1407.2	1383.8	1349.9	1310.8	1302.9	1300.4
60°	839.1	693.2	1081.5	1198.7	1274.3	1266.5	1245.6	1214.4	1177.9	1172.6	1167.5
62.5°	760.9	503.0	904.2	1037.1	1144.0	1141.4	1123.1	1076.2	1050.2	1037.1	1026.7
65°	646.3	422.2	643.6	862.6	1016.3	1021.5	982.4	948.6	919.8	904.2	901.7
67.5°	492.5	344.0	435.2	719.3	893.8	888.6	839.1	823.4	787.0	779.2	763.5
70°	364.8	229.3	302.3	583.7	773.9	760.9	721.8	703.6	669.7	651.5	641.0
72.5°	302.3	185.0	221.5	453.5	651.5	635.9	602.0	581.1	552.5	536.8	526.4
75°	244.9	195.4	169.4	336.2	529.0	518.6	487.3	466.5	443.0	422.2	424.7
77.5°	179.8	182.4	135.5	247.6	419.6	403.9	385.7	359.6	349.2	328.3	328.3
80°	135.5	143.3	101.6	169.4	302.3	302.3	286.7	268.4	250.2	239.8	239.8
82.5°	91.2	91.2	75.5	106.9	205.9	198.0	187.6	182.4	172.0	166.8	166.8
85°	41.7	52.1	46.9	65.1	112.0	117.3	117.3	112.0	109.4	104.3	106.9
87.5°	13.0	23.5	28.6	36.5	57.4	59.9	62.5	62.5	62.5	65.1	65.1
90°	4.8	8.6	12.5	13.4	21.0	31.2	36.3	32.3	24.2	18.2	18.2
92.5°	19.1	51.6	84.1	92.2	129.6	179.4	204.4	179.1	128.6	90.7	87.1
95°	45.8	105.3	164.6	179.5	318.7	504.4	597.2	532.9	404.3	307.9	297.0
97.5°	79.2	131.7	184.1	197.2	429.4	738.9	893.7	853.0	771.8	710.9	690.1
100°	105.0	152.5	200.1	212.0	469.6	813.1	984.8	987.8	993.8	998.2	973.4
102.5°	127.0	171.3	215.7	226.8	488.0	836.5	1010.6	1062.4	1165.9	1243.6	1222.4
105°	164.2	201.8	239.3	248.7	501.7	839.1	1007.8	1123.8	1355.9	1530.0	1518.6
107.5°	202.4	237.5	272.4	281.2	504.3	801.7	950.5	1112.3	1436.1	1679.0	1681.8
110°	228.2	259.8	291.4	299.3	500.4	768.6	902.7	1083.7	1445.7	1717.2	1729.0



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	253.5	283.6	313.7	321.2	500.6	739.7	859.3	1044.6	1415.0	1692.8	1711.1
115°	291.7	319.5	347.3	354.2	505.2	706.6	807.3	985.7	1342.6	1610.2	1635.6
117.5°	329.4	354.7	379.9	386.2	514.7	685.8	771.5	932.5	1254.6	1496.1	1524.1
120°	351.4	375.1	398.9	404.8	522.2	678.8	757.1	904.3	1198.6	1419.3	1446.5
122.5°	372.8	396.9	420.8	426.8	533.2	675.1	746.1	878.6	1143.7	1342.4	1369.3
125°	405.8	427.7	449.4	454.9	548.0	672.1	734.2	846.8	1071.8	1240.7	1265.5
127.5°	432.5	454.6	476.6	482.2	562.9	670.4	724.2	820.8	1014.1	1159.1	1179.9
130°	446.8	470.5	494.3	500.3	573.6	671.5	720.4	806.4	978.5	1107.6	1126.9
132.5°	461.6	485.4	509.2	515.1	582.4	672.1	717.0	794.0	948.1	1063.6	1080.9
135°	483.6	505.2	526.9	532.3	592.0	671.5	711.3	775.9	904.8	1001.5	1016.5
137.5°	506.0	527.4	548.9	554.2	606.3	675.7	710.3	764.8	874.0	955.7	967.9
140°	524.7	544.4	564.1	569.0	615.0	676.4	707.0	754.1	848.3	919.0	930.4
142.5°	539.0	557.2	575.5	580.0	622.4	678.8	707.0	748.4	831.1	893.2	903.0
145°	560.9	576.9	592.7	596.8	631.9	678.8	702.2	736.1	803.8	854.5	861.9
147.5°	582.9	598.4	613.9	617.8	646.0	683.5	702.2	728.9	782.1	822.1	828.2
150°	597.2	611.2	625.2	628.7	653.2	685.9	702.2	724.7	769.7	803.4	808.4
152.5°	612.0	622.6	633.2	635.9	658.0	687.5	702.2	721.4	759.8	788.6	792.4
155°	633.9	641.8	649.6	651.7	668.5	691.0	702.2	717.5	748.1	771.0	773.5
157.5°	650.2	657.8	665.4	667.4	679.0	694.5	702.2	714.1	737.9	755.7	757.4
160°	661.2	667.1	673.1	674.5	683.8	696.1	702.2	712.4	732.8	748.1	749.1
162.5°	672.1	676.6	681.1	682.2	688.9	697.8	702.2	710.9	728.0	740.9	741.8
165°	684.1	688.1	692.2	693.2	696.2	700.2	702.2	708.4	720.7	730.0	731.0
167.5°	695.1	697.0	698.9	699.4	701.9	705.3	707.0	711.0	719.1	725.2	725.6
170°	702.2	704.2	706.1	706.6	706.7	706.9	707.0	711.0	719.1	725.2	725.2
172.5°	706.1	706.5	706.9	707.0	707.0	707.0	707.0	710.2	716.6	721.3	721.0
175°	711.3	711.3	711.3	711.3	709.9	707.9	707.0	709.0	713.1	716.1	716.1
177.5°	711.3	711.3	711.3	711.3	710.2	708.7	707.9	709.6	712.7	715.1	714.7
180°	711.3	711.3	711.3	711.3	711.3	711.3	711.3	711.3	711.3	711.3	711.3



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4
2.5°	2824.8	2817.0	2824.8	2819.6	2822.2	2814.4	2790.9	2783.1	2790.9	2798.7	2798.7
5°	2858.7	2853.5	2858.7	2858.7	2856.1	2850.8	2824.8	2819.6	2824.8	2827.4	2822.2
7.5°	2869.1	2861.2	2869.1	2863.9	2863.9	2858.7	2832.6	2827.4	2830.0	2837.8	2830.0
10°	2869.1	2861.2	2869.1	2866.5	2863.9	2858.7	2832.6	2822.2	2822.2	2830.0	2822.2
12.5°	2856.1	2850.8	2856.1	2850.8	2850.8	2845.6	2819.6	2809.2	2811.7	2814.4	2804.0
15°	2835.2	2827.4	2835.2	2830.0	2832.6	2824.8	2796.1	2785.7	2785.7	2790.9	2772.7
17.5°	2804.0	2793.5	2804.0	2801.3	2798.7	2793.5	2767.5	2757.1	2754.4	2757.1	2744.0
20°	2767.5	2759.6	2767.5	2764.8	2764.8	2754.4	2728.3	2715.3	2715.3	2715.3	2702.3
22.5°	2710.1	2702.3	2710.1	2715.3	2715.3	2712.7	2689.3	2671.1	2665.8	2665.8	2650.2
25°	2645.0	2637.2	2645.0	2645.0	2642.4	2645.0	2637.2	2626.8	2618.9	2611.1	2595.4
27.5°	2582.4	2577.2	2582.4	2577.2	2582.4	2574.6	2572.0	2569.4	2559.0	2551.2	2530.3
30°	2519.9	2514.7	2519.9	2514.7	2509.5	2504.3	2491.3	2486.0	2496.4	2491.3	2457.4
32.5°	2441.7	2436.5	2441.7	2441.7	2436.5	2436.5	2415.6	2407.9	2410.5	2426.1	2394.9
35°	2361.0	2353.1	2361.0	2358.4	2361.0	2353.1	2340.1	2337.5	2327.1	2345.3	2321.9
37.5°	2267.1	2259.3	2267.1	2267.1	2267.1	2272.3	2262.0	2254.1	2238.5	2262.0	2243.7
40°	2170.7	2160.3	2170.7	2168.1	2170.7	2175.9	2170.7	2165.5	2149.8	2168.1	2152.5
42.5°	2061.3	2058.7	2061.3	2063.8	2063.8	2074.3	2082.1	2071.7	2066.4	2053.4	2063.8
45°	1944.0	1938.8	1944.0	1949.2	1951.8	1957.0	1980.5	1980.5	1972.7	1951.8	1967.4
47.5°	1818.9	1805.9	1818.9	1834.5	1834.5	1842.4	1865.8	1884.0	1871.0	1845.0	1852.8
50°	1686.0	1688.6	1686.0	1696.5	1696.5	1725.1	1743.4	1761.6	1774.6	1743.4	1706.9
52.5°	1555.7	1553.1	1555.7	1563.6	1574.0	1587.0	1618.2	1636.5	1657.3	1639.1	1581.8
55°	1425.4	1430.7	1425.4	1428.0	1433.3	1441.1	1487.9	1506.2	1545.3	1521.8	1461.9
57.5°	1295.1	1287.3	1295.1	1300.4	1302.9	1310.8	1349.9	1383.8	1407.2	1409.8	1336.8
60°	1144.0	1133.6	1144.0	1167.5	1172.6	1177.9	1214.4	1245.6	1266.5	1274.3	1198.7
62.5°	1011.1	992.8	1011.1	1026.7	1037.1	1050.2	1076.2	1123.1	1141.4	1144.0	1037.1
65°	870.3	862.6	870.3	901.7	904.2	919.8	948.6	982.4	1021.5	1016.3	862.6
67.5°	742.7	742.7	742.7	763.5	779.2	787.0	823.4	839.1	888.6	893.8	719.3
70°	625.4	622.8	625.4	641.0	651.5	669.7	703.6	721.8	760.9	773.9	583.7
72.5°	513.4	510.7	513.4	526.4	536.8	552.5	581.1	602.0	635.9	651.5	453.5
75°	414.3	409.1	414.3	424.7	422.2	443.0	466.5	487.3	518.6	529.0	336.2
77.5°	317.9	317.9	317.9	328.3	328.3	349.2	359.6	385.7	403.9	419.6	247.6
80°	237.2	234.5	237.2	239.8	239.8	250.2	268.4	286.7	302.3	302.3	169.4
82.5°	166.8	161.5	166.8	166.8	166.8	172.0	182.4	187.6	198.0	205.9	106.9
85°	104.3	104.3	104.3	106.9	104.3	109.4	112.0	117.3	117.3	112.0	65.1
87.5°	67.8	65.1	67.8	65.1	65.1	62.5	62.5	62.5	59.9	57.4	36.5
90°	18.2	18.2	18.2	18.2	18.2	24.2	32.3	36.3	31.2	21.0	13.4
92.5°	72.7	58.2	72.7	87.1	90.7	128.6	179.1	204.4	179.4	129.6	92.2
95°	253.3	209.6	253.3	297.0	307.9	404.3	532.9	597.2	504.4	318.7	179.5
97.5°	606.8	523.7	606.8	690.1	710.9	771.8	853.0	893.7	738.9	429.4	197.2
100°	874.4	775.3	874.4	973.4	998.2	993.8	987.8	984.8	813.1	469.6	212.0
102.5°	1137.5	1052.7	1137.5	1222.4	1243.6	1165.9	1062.4	1010.6	836.5	488.0	226.8
105°	1472.9	1427.3	1472.9	1518.6	1530.0	1355.9	1123.8	1007.8	839.1	501.7	248.7
107.5°	1692.8	1703.8	1692.8	1681.8	1679.0	1436.1	1112.3	950.5	801.7	504.3	281.2
110°	1776.6	1824.1	1776.6	1729.0	1717.2	1445.7	1083.7	902.7	768.6	500.4	299.3





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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1784.0	1857.0	1784.0	1711.1	1692.8	1415.0	1044.6	859.3	739.7	500.6	321.2
115°	1736.7	1837.9	1736.7	1635.6	1610.2	1342.6	985.7	807.3	706.6	505.2	354.2
117.5°	1636.4	1748.7	1636.4	1524.1	1496.1	1254.6	932.5	771.5	685.8	514.7	386.2
120°	1555.6	1664.7	1555.6	1446.5	1419.3	1198.6	904.3	757.1	678.8	522.2	404.8
122.5°	1476.9	1584.4	1476.9	1369.3	1342.4	1143.7	878.6	746.1	675.1	533.2	426.8
125°	1364.6	1463.7	1364.6	1265.5	1240.7	1071.8	846.8	734.2	672.1	548.0	454.9
127.5°	1263.6	1347.2	1263.6	1179.9	1159.1	1014.1	820.8	724.2	670.4	562.9	482.2
130°	1204.0	1281.3	1204.0	1126.9	1107.6	978.5	806.4	720.4	671.5	573.6	500.3
132.5°	1150.1	1219.2	1150.1	1080.9	1063.6	948.1	794.0	717.0	672.1	582.4	515.1
135°	1076.1	1135.7	1076.1	1016.5	1001.5	904.8	775.9	711.3	671.5	592.0	532.3
137.5°	1016.7	1065.5	1016.7	967.9	955.7	874.0	764.8	710.3	675.7	606.3	554.2
140°	976.1	1021.6	976.1	930.4	919.0	848.3	754.1	707.0	676.4	615.0	569.0
142.5°	942.2	981.5	942.2	903.0	893.2	831.1	748.4	707.0	678.8	622.4	580.0
145°	891.7	921.4	891.7	861.9	854.5	803.8	736.1	702.2	678.8	631.9	596.8
147.5°	852.8	877.4	852.8	828.2	822.1	782.1	728.9	702.2	683.5	646.0	617.8
150°	828.4	848.3	828.4	808.4	803.4	769.7	724.7	702.2	685.9	653.2	628.7
152.5°	807.4	822.5	807.4	792.4	788.6	759.8	721.4	702.2	687.5	658.0	635.9
155°	783.5	793.4	783.5	773.5	771.0	748.1	717.5	702.2	691.0	668.5	651.7
157.5°	764.5	771.5	764.5	757.4	755.7	737.9	714.1	702.2	694.5	679.0	667.4
160°	753.1	757.1	753.1	749.1	748.1	732.8	712.4	702.2	696.1	683.8	674.5
162.5°	745.7	749.5	745.7	741.8	740.9	728.0	710.9	702.2	697.8	688.9	682.2
165°	735.0	739.0	735.0	731.0	730.0	720.7	708.4	702.2	700.2	696.2	693.2
167.5°	727.3	729.0	727.3	725.6	725.2	719.1	711.0	707.0	705.3	701.9	699.4
170°	725.2	725.2	725.2	725.2	725.2	719.1	711.0	707.0	706.9	706.7	706.6
172.5°	719.5	718.0	719.5	721.0	721.3	716.6	710.2	707.0	707.0	707.0	707.0
175°	716.1	716.1	716.1	716.1	716.1	713.1	709.0	707.0	707.9	709.9	711.3
177.5°	713.0	711.3	713.0	714.7	715.1	712.7	709.6	707.9	708.7	710.2	711.3
180°	711.3	711.3	711.3	711.3	711.3	711.3	711.3	711.3	711.3	711.3	711.3



TEST NUMBER: P934924

CATALOG NUMBER: SQ4-FA-075U-125D-927-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4
2.5°	2793.5	2777.9	2777.9	2751.8	2741.4	2733.6	2720.6	2681.4	2671.1	2660.6	2676.3
5°	2817.0	2788.3	2767.5	2720.6	2681.4	2665.8	2616.3	2522.5	2460.0	2413.0	2387.0
7.5°	2822.2	2785.7	2746.6	2673.7	2579.8	2538.2	2387.0	2215.0	2168.1	2126.4	2100.3
10°	2817.0	2775.3	2720.6	2611.1	2389.6	2316.6	2165.5	2053.4	2024.8	2016.9	2024.8
12.5°	2798.7	2759.6	2684.1	2501.7	2191.6	2142.1	2053.4	1988.3	1983.1	1996.1	2066.4
15°	2767.5	2731.0	2642.4	2355.7	2082.1	2045.7	1983.1	1959.6	1988.3	2079.5	2290.6
17.5°	2736.2	2694.5	2585.0	2212.4	1998.7	1972.7	1928.4	1975.3	2136.8	2259.3	2329.6
20°	2694.5	2645.0	2519.9	2108.2	1938.8	1915.3	1894.5	2105.6	2228.1	2272.3	2311.5
22.5°	2645.0	2592.9	2431.3	2035.2	1876.3	1858.0	1871.0	2178.6	2228.1	2259.3	2293.2
25°	2579.8	2535.5	2327.1	1977.9	1826.7	1805.9	1855.4	2170.7	2199.4	2207.2	2275.0
27.5°	2519.9	2462.5	2217.6	1925.8	1766.8	1759.0	1868.4	2136.8	2157.7	2165.5	2238.5
30°	2446.9	2361.0	2095.2	1871.0	1704.2	1701.6	1871.0	2095.2	2089.9	2110.8	2183.7
32.5°	2371.4	2209.8	1957.0	1803.3	1644.3	1641.7	1852.8	2032.6	2027.4	2056.1	2110.8
35°	2301.0	2092.6	1769.4	1725.1	1568.7	1571.3	1808.5	1959.6	1962.3	1988.3	2022.2
37.5°	2228.1	1990.9	1563.6	1639.1	1495.8	1495.8	1748.5	1891.9	1886.7	1894.5	1941.4
40°	2142.1	1831.9	1381.1	1527.1	1428.0	1420.2	1675.6	1818.9	1800.6	1798.1	1863.2
42.5°	2050.8	1657.3	1245.6	1378.5	1349.9	1339.4	1587.0	1730.3	1696.5	1704.2	1787.6
45°	1951.8	1610.5	1141.4	1164.9	1269.0	1261.3	1490.6	1628.7	1605.2	1626.1	1712.1
47.5°	1852.8	1516.6	1107.5	966.8	1183.1	1180.5	1383.8	1529.7	1516.6	1537.5	1628.7
50°	1717.3	1412.4	1104.9	828.7	1086.6	1097.1	1256.0	1433.3	1433.3	1451.4	1547.9
52.5°	1542.7	1284.7	1003.2	750.5	974.6	1005.9	1144.0	1349.9	1355.0	1373.3	1459.3
55°	1383.8	1151.8	930.3	690.5	841.7	909.4	1034.6	1263.9	1274.3	1292.5	1370.7
57.5°	1237.8	959.0	914.7	620.2	719.3	784.4	938.1	1180.5	1185.6	1201.4	1276.9
60°	1081.5	693.2	839.1	544.6	612.4	661.9	849.5	1081.5	1099.7	1110.1	1175.3
62.5°	904.2	503.0	760.9	492.5	560.3	570.7	776.5	987.6	1011.1	1018.9	1058.0
65°	643.6	422.2	646.3	448.2	505.5	508.1	698.4	891.2	912.1	925.1	953.7
67.5°	435.2	344.0	492.5	406.5	463.8	466.5	622.8	779.2	807.8	818.3	836.5
70°	302.3	229.3	364.8	362.2	417.0	422.2	542.0	677.5	703.6	711.4	721.8
72.5°	221.5	185.0	302.3	325.7	367.4	372.7	458.6	562.9	588.9	596.8	602.0
75°	169.4	195.4	244.9	284.1	312.7	315.3	375.2	458.6	476.9	482.1	484.7
77.5°	135.5	182.4	179.8	229.3	255.4	250.2	294.4	354.4	370.1	370.1	370.1
80°	101.6	143.3	135.5	164.2	187.6	182.4	211.1	252.8	258.0	263.2	260.6
82.5°	75.5	91.2	91.2	104.3	125.0	119.9	140.8	164.2	164.2	164.2	169.4
85°	46.9	52.1	41.7	54.7	70.4	67.8	78.2	88.6	91.2	91.2	86.0
87.5°	28.6	23.5	13.0	20.9	31.3	31.3	36.5	39.1	36.5	36.5	36.5
90°	12.5	8.6	4.8	8.6	12.5	13.4	21.0	31.2	36.3	32.3	24.2
92.5°	84.1	51.6	19.1	51.6	84.1	92.2	129.6	179.4	204.4	179.1	128.6
95°	164.6	105.3	45.8	105.3	164.6	179.5	318.7	504.4	597.2	532.9	404.3
97.5°	184.1	131.7	79.2	131.7	184.1	197.2	429.4	738.9	893.7	853.0	771.8
100°	200.1	152.5	105.0	152.5	200.1	212.0	469.6	813.1	984.8	987.8	993.8
102.5°	215.7	171.3	127.0	171.3	215.7	226.8	488.0	836.5	1010.6	1062.4	1165.9
105°	239.3	201.8	164.2	201.8	239.3	248.7	501.7	839.1	1007.8	1123.8	1355.9
107.5°	272.4	237.5	202.4	237.5	272.4	281.2	504.3	801.7	950.5	1112.3	1436.1
110°	291.4	259.8	228.2	259.8	291.4	299.3	500.4	768.6	902.7	1083.7	1445.7



TEST NUMBER: P934924

CATALOG NUMBER: SQ4-FA-075U-125D-927-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	313.7	283.6	253.5	283.6	313.7	321.2	500.6	739.7	859.3	1044.6	1415.0
115°	347.3	319.5	291.7	319.5	347.3	354.2	505.2	706.6	807.3	985.7	1342.6
117.5°	379.9	354.7	329.4	354.7	379.9	386.2	514.7	685.8	771.5	932.5	1254.6
120°	398.9	375.1	351.4	375.1	398.9	404.8	522.2	678.8	757.1	904.3	1198.6
122.5°	420.8	396.9	372.8	396.9	420.8	426.8	533.2	675.1	746.1	878.6	1143.7
125°	449.4	427.7	405.8	427.7	449.4	454.9	548.0	672.1	734.2	846.8	1071.8
127.5°	476.6	454.6	432.5	454.6	476.6	482.2	562.9	670.4	724.2	820.8	1014.1
130°	494.3	470.5	446.8	470.5	494.3	500.3	573.6	671.5	720.4	806.4	978.5
132.5°	509.2	485.4	461.6	485.4	509.2	515.1	582.4	672.1	717.0	794.0	948.1
135°	526.9	505.2	483.6	505.2	526.9	532.3	592.0	671.5	711.3	775.9	904.8
137.5°	548.9	527.4	506.0	527.4	548.9	554.2	606.3	675.7	710.3	764.8	874.0
140°	564.1	544.4	524.7	544.4	564.1	569.0	615.0	676.4	707.0	754.1	848.3
142.5°	575.5	557.2	539.0	557.2	575.5	580.0	622.4	678.8	707.0	748.4	831.1
145°	592.7	576.9	560.9	576.9	592.7	596.8	631.9	678.8	702.2	736.1	803.8
147.5°	613.9	598.4	582.9	598.4	613.9	617.8	646.0	683.5	702.2	728.9	782.1
150°	625.2	611.2	597.2	611.2	625.2	628.7	653.2	685.9	702.2	724.7	769.7
152.5°	633.2	622.6	612.0	622.6	633.2	635.9	658.0	687.5	702.2	721.4	759.8
155°	649.6	641.8	633.9	641.8	649.6	651.7	668.5	691.0	702.2	717.5	748.1
157.5°	665.4	657.8	650.2	657.8	665.4	667.4	679.0	694.5	702.2	714.1	737.9
160°	673.1	667.1	661.2	667.1	673.1	674.5	683.8	696.1	702.2	712.4	732.8
162.5°	681.1	676.6	672.1	676.6	681.1	682.2	688.9	697.8	702.2	710.9	728.0
165°	692.2	688.1	684.1	688.1	692.2	693.2	696.2	700.2	702.2	708.4	720.7
167.5°	698.9	697.0	695.1	697.0	698.9	699.4	701.9	705.3	707.0	711.0	719.1
170°	706.1	704.2	702.2	704.2	706.1	706.6	706.7	706.9	707.0	711.0	719.1
172.5°	706.9	706.5	706.1	706.5	706.9	707.0	707.0	707.0	707.0	710.2	716.6
175°	711.3	711.3	711.3	711.3	711.3	711.3	709.9	707.9	707.0	709.0	713.1
177.5°	711.3	711.3	711.3	711.3	711.3	711.3	710.2	708.7	707.9	709.6	712.7
180°	711.3	711.3	711.3	711.3	711.3	711.3	711.3	711.3	711.3	711.3	711.3



TEST NUMBER: P934924  
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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4
2.5°	2658.0	2650.2	2660.6	2631.9	2660.6	2650.2	2658.0	2676.3	2660.6	2671.1	2681.4
5°	2332.3	2319.2	2277.6	2243.7	2277.6	2319.2	2332.3	2387.0	2413.0	2460.0	2522.5
7.5°	2084.7	2074.3	2063.8	2043.0	2063.8	2074.3	2084.7	2100.3	2126.4	2168.1	2215.0
10°	2030.0	2032.6	2048.2	2045.7	2048.2	2032.6	2030.0	2024.8	2016.9	2024.8	2053.4
12.5°	2170.7	2194.2	2280.1	2275.0	2280.1	2194.2	2170.7	2066.4	1996.1	1983.1	1988.3
15°	2332.3	2340.1	2358.4	2361.0	2358.4	2340.1	2332.3	2290.6	2079.5	1988.3	1959.6
17.5°	2347.9	2350.5	2363.5	2363.5	2363.5	2350.5	2347.9	2329.6	2259.3	2136.8	1975.3
20°	2334.9	2340.1	2366.1	2371.4	2366.1	2340.1	2334.9	2311.5	2272.3	2228.1	2105.6
22.5°	2329.6	2340.1	2361.0	2358.4	2361.0	2340.1	2329.6	2293.2	2259.3	2228.1	2178.6
25°	2303.6	2303.6	2306.2	2308.8	2306.2	2303.6	2303.6	2275.0	2207.2	2199.4	2170.7
27.5°	2248.9	2254.1	2269.7	2267.1	2269.7	2254.1	2248.9	2238.5	2165.5	2157.7	2136.8
30°	2199.4	2194.2	2181.1	2170.7	2181.1	2194.2	2199.4	2183.7	2110.8	2089.9	2095.2
32.5°	2116.0	2102.9	2089.9	2082.1	2089.9	2102.9	2116.0	2110.8	2056.1	2027.4	2032.6
35°	2016.9	2019.6	2016.9	2009.2	2016.9	2019.6	2016.9	2022.2	1988.3	1962.3	1959.6
37.5°	1946.6	1951.8	1949.2	1938.8	1949.2	1951.8	1946.6	1941.4	1894.5	1886.7	1891.9
40°	1873.6	1876.3	1873.6	1865.8	1873.6	1876.3	1873.6	1863.2	1798.1	1800.6	1818.9
42.5°	1803.3	1800.6	1792.9	1787.6	1792.9	1800.6	1803.3	1787.6	1704.2	1696.5	1730.3
45°	1722.5	1725.1	1709.5	1701.6	1709.5	1725.1	1722.5	1712.1	1626.1	1605.2	1628.7
47.5°	1641.7	1641.7	1628.7	1620.9	1628.7	1641.7	1641.7	1628.7	1537.5	1516.6	1529.7
50°	1555.7	1553.1	1534.8	1532.3	1534.8	1553.1	1555.7	1547.9	1451.4	1433.3	1433.3
52.5°	1456.7	1456.7	1459.3	1464.5	1459.3	1456.7	1456.7	1459.3	1373.3	1355.0	1349.9
55°	1370.7	1373.3	1391.5	1396.8	1391.5	1373.3	1370.7	1370.7	1292.5	1274.3	1263.9
57.5°	1282.1	1282.1	1295.1	1295.1	1295.1	1282.1	1282.1	1276.9	1201.4	1185.6	1180.5
60°	1180.5	1185.6	1196.1	1193.5	1196.1	1185.6	1180.5	1175.3	1110.1	1099.7	1081.5
62.5°	1073.6	1078.8	1081.5	1076.2	1081.5	1078.8	1073.6	1058.0	1018.9	1011.1	987.6
65°	961.6	966.8	969.4	964.2	969.4	966.8	961.6	953.7	925.1	912.1	891.2
67.5°	846.9	844.3	841.7	852.2	841.7	844.3	846.9	836.5	818.3	807.8	779.2
70°	729.7	729.7	727.0	732.3	727.0	729.7	729.7	721.8	711.4	703.6	677.5
72.5°	604.6	602.0	612.4	604.6	612.4	602.0	604.6	602.0	596.8	588.9	562.9
75°	482.1	487.3	482.1	489.9	482.1	487.3	482.1	484.7	482.1	476.9	458.6
77.5°	367.4	372.7	367.4	367.4	367.4	372.7	367.4	370.1	370.1	370.1	354.4
80°	260.6	258.0	258.0	255.4	258.0	258.0	260.6	260.6	263.2	258.0	252.8
82.5°	166.8	164.2	164.2	169.4	164.2	164.2	166.8	169.4	164.2	164.2	164.2
85°	91.2	93.8	88.6	88.6	88.6	93.8	91.2	86.0	91.2	91.2	88.6
87.5°	33.9	31.3	31.3	31.3	31.3	31.3	33.9	36.5	36.5	36.5	39.1
90°	18.2	18.2	18.2	18.2	18.2	18.2	18.2	24.2	32.3	36.3	31.2
92.5°	90.7	87.1	72.7	58.2	72.7	87.1	90.7	128.6	179.1	204.4	179.4
95°	307.9	297.0	253.3	209.6	253.3	297.0	307.9	404.3	532.9	597.2	504.4
97.5°	710.9	690.1	606.8	523.7	606.8	690.1	710.9	771.8	853.0	893.7	738.9
100°	998.2	973.4	874.4	775.3	874.4	973.4	998.2	993.8	987.8	984.8	813.1
102.5°	1243.6	1222.4	1137.5	1052.7	1137.5	1222.4	1243.6	1165.9	1062.4	1010.6	836.5
105°	1530.0	1518.6	1472.9	1427.3	1472.9	1518.6	1530.0	1355.9	1123.8	1007.8	839.1
107.5°	1679.0	1681.8	1692.8	1703.8	1692.8	1681.8	1679.0	1436.1	1112.3	950.5	801.7
110°	1717.2	1729.0	1776.6	1824.1	1776.6	1729.0	1717.2	1445.7	1083.7	902.7	768.6



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1692.8	1711.1	1784.0	1857.0	1784.0	1711.1	1692.8	1415.0	1044.6	859.3	739.7
115°	1610.2	1635.6	1736.7	1837.9	1736.7	1635.6	1610.2	1342.6	985.7	807.3	706.6
117.5°	1496.1	1524.1	1636.4	1748.7	1636.4	1524.1	1496.1	1254.6	932.5	771.5	685.8
120°	1419.3	1446.5	1555.6	1664.7	1555.6	1446.5	1419.3	1198.6	904.3	757.1	678.8
122.5°	1342.4	1369.3	1476.9	1584.4	1476.9	1369.3	1342.4	1143.7	878.6	746.1	675.1
125°	1240.7	1265.5	1364.6	1463.7	1364.6	1265.5	1240.7	1071.8	846.8	734.2	672.1
127.5°	1159.1	1179.9	1263.6	1347.2	1263.6	1179.9	1159.1	1014.1	820.8	724.2	670.4
130°	1107.6	1126.9	1204.0	1281.3	1204.0	1126.9	1107.6	978.5	806.4	720.4	671.5
132.5°	1063.6	1080.9	1150.1	1219.2	1150.1	1080.9	1063.6	948.1	794.0	717.0	672.1
135°	1001.5	1016.5	1076.1	1135.7	1076.1	1016.5	1001.5	904.8	775.9	711.3	671.5
137.5°	955.7	967.9	1016.7	1065.5	1016.7	967.9	955.7	874.0	764.8	710.3	675.7
140°	919.0	930.4	976.1	1021.6	976.1	930.4	919.0	848.3	754.1	707.0	676.4
142.5°	893.2	903.0	942.2	981.5	942.2	903.0	893.2	831.1	748.4	707.0	678.8
145°	854.5	861.9	891.7	921.4	891.7	861.9	854.5	803.8	736.1	702.2	678.8
147.5°	822.1	828.2	852.8	877.4	852.8	828.2	822.1	782.1	728.9	702.2	683.5
150°	803.4	808.4	828.4	848.3	828.4	808.4	803.4	769.7	724.7	702.2	685.9
152.5°	788.6	792.4	807.4	822.5	807.4	792.4	788.6	759.8	721.4	702.2	687.5
155°	771.0	773.5	783.5	793.4	783.5	773.5	771.0	748.1	717.5	702.2	691.0
157.5°	755.7	757.4	764.5	771.5	764.5	757.4	755.7	737.9	714.1	702.2	694.5
160°	748.1	749.1	753.1	757.1	753.1	749.1	748.1	732.8	712.4	702.2	696.1
162.5°	740.9	741.8	745.7	749.5	745.7	741.8	740.9	728.0	710.9	702.2	697.8
165°	730.0	731.0	735.0	739.0	735.0	731.0	730.0	720.7	708.4	702.2	700.2
167.5°	725.2	725.6	727.3	729.0	727.3	725.6	725.2	719.1	711.0	707.0	705.3
170°	725.2	725.2	725.2	725.2	725.2	725.2	725.2	719.1	711.0	707.0	706.9
172.5°	721.3	721.0	719.5	718.0	719.5	721.0	721.3	716.6	710.2	707.0	707.0
175°	716.1	716.1	716.1	716.1	716.1	716.1	716.1	713.1	709.0	707.0	707.9
177.5°	715.1	714.7	713.0	711.3	713.0	714.7	715.1	712.7	709.6	707.9	708.7
180°	711.3	711.3	711.3	711.3	711.3	711.3	711.3	711.3	711.3	711.3	711.3



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	2754.4	2754.4	2754.4	2754.4	2754.4
2.5°	2720.6	2733.6	2741.4	2751.8	2777.9
5°	2616.3	2665.8	2681.4	2720.6	2767.5
7.5°	2387.0	2538.2	2579.8	2673.7	2746.6
10°	2165.5	2316.6	2389.6	2611.1	2720.6
12.5°	2053.4	2142.1	2191.6	2501.7	2684.1
15°	1983.1	2045.7	2082.1	2355.7	2642.4
17.5°	1928.4	1972.7	1998.7	2212.4	2585.0
20°	1894.5	1915.3	1938.8	2108.2	2519.9
22.5°	1871.0	1858.0	1876.3	2035.2	2431.3
25°	1855.4	1805.9	1826.7	1977.9	2327.1
27.5°	1868.4	1759.0	1766.8	1925.8	2217.6
30°	1871.0	1701.6	1704.2	1871.0	2095.2
32.5°	1852.8	1641.7	1644.3	1803.3	1957.0
35°	1808.5	1571.3	1568.7	1725.1	1769.4
37.5°	1748.5	1495.8	1495.8	1639.1	1563.6
40°	1675.6	1420.2	1428.0	1527.1	1381.1
42.5°	1587.0	1339.4	1349.9	1378.5	1245.6
45°	1490.6	1261.3	1269.0	1164.9	1141.4
47.5°	1383.8	1180.5	1183.1	966.8	1107.5
50°	1256.0	1097.1	1086.6	828.7	1104.9
52.5°	1144.0	1005.9	974.6	750.5	1003.2
55°	1034.6	909.4	841.7	690.5	930.3
57.5°	938.1	784.4	719.3	620.2	914.7
60°	849.5	661.9	612.4	544.6	839.1
62.5°	776.5	570.7	560.3	492.5	760.9
65°	698.4	508.1	505.5	448.2	646.3
67.5°	622.8	466.5	463.8	406.5	492.5
70°	542.0	422.2	417.0	362.2	364.8
72.5°	458.6	372.7	367.4	325.7	302.3
75°	375.2	315.3	312.7	284.1	244.9
77.5°	294.4	250.2	255.4	229.3	179.8
80°	211.1	182.4	187.6	164.2	135.5
82.5°	140.8	119.9	125.0	104.3	91.2
85°	78.2	67.8	70.4	54.7	41.7
87.5°	36.5	31.3	31.3	20.9	13.0
90°	21.0	13.4	12.5	8.6	4.8
92.5°	129.6	92.2	84.1	51.6	19.1
95°	318.7	179.5	164.6	105.3	45.8
97.5°	429.4	197.2	184.1	131.7	79.2
100°	469.6	212.0	200.1	152.5	105.0
102.5°	488.0	226.8	215.7	171.3	127.0
105°	501.7	248.7	239.3	201.8	164.2
107.5°	504.3	281.2	272.4	237.5	202.4
110°	500.4	299.3	291.4	259.8	228.2



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	500.6	321.2	313.7	283.6	253.5
115°	505.2	354.2	347.3	319.5	291.7
117.5°	514.7	386.2	379.9	354.7	329.4
120°	522.2	404.8	398.9	375.1	351.4
122.5°	533.2	426.8	420.8	396.9	372.8
125°	548.0	454.9	449.4	427.7	405.8
127.5°	562.9	482.2	476.6	454.6	432.5
130°	573.6	500.3	494.3	470.5	446.8
132.5°	582.4	515.1	509.2	485.4	461.6
135°	592.0	532.3	526.9	505.2	483.6
137.5°	606.3	554.2	548.9	527.4	506.0
140°	615.0	569.0	564.1	544.4	524.7
142.5°	622.4	580.0	575.5	557.2	539.0
145°	631.9	596.8	592.7	576.9	560.9
147.5°	646.0	617.8	613.9	598.4	582.9
150°	653.2	628.7	625.2	611.2	597.2
152.5°	658.0	635.9	633.2	622.6	612.0
155°	668.5	651.7	649.6	641.8	633.9
157.5°	679.0	667.4	665.4	657.8	650.2
160°	683.8	674.5	673.1	667.1	661.2
162.5°	688.9	682.2	681.1	676.6	672.1
165°	696.2	693.2	692.2	688.1	684.1
167.5°	701.9	699.4	698.9	697.0	695.1
170°	706.7	706.6	706.1	704.2	702.2
172.5°	707.0	707.0	706.9	706.5	706.1
175°	709.9	711.3	711.3	711.3	711.3
177.5°	710.2	711.3	711.3	711.3	711.3
180°	711.3	711.3	711.3	711.3	711.3



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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	14.60	15.57	15.46	16.45	17.55	17.44	18.40	18.29	19.28	20.39
	3H	15.08	15.95	15.95	16.84	17.98	18.79	19.66	19.66	20.55	21.68
	4H	15.28	16.10	16.17	17.00	18.14	19.24	20.06	20.13	20.96	22.10
	6H	15.40	16.16	16.30	17.06	18.22	19.54	20.29	20.43	21.19	22.35
	8H	15.41	16.13	16.32	17.05	18.21	19.61	20.33	20.52	21.25	22.41
	12H	15.38	16.07	16.30	16.98	18.17	19.66	20.34	20.57	21.26	22.44
4H	2H	15.65	16.47	16.54	17.36	18.51	17.86	18.68	18.75	19.57	20.72
	3H	16.68	17.37	17.59	18.29	19.45	19.38	20.06	20.28	20.99	22.15
	4H	16.96	17.59	17.88	18.51	19.70	19.91	20.53	20.82	21.46	22.64
	6H	17.09	17.63	18.02	18.58	19.77	20.28	20.82	21.21	21.77	22.95
	8H	17.10	17.60	18.03	18.55	19.75	20.39	20.90	21.33	21.84	23.04
	12H	17.07	17.53	18.03	18.49	19.69	20.46	20.91	21.41	21.87	23.07
8H	4H	17.43	17.93	18.36	18.87	20.07	20.04	20.54	20.97	21.49	22.69
	6H	17.69	18.11	18.65	19.09	20.29	20.49	20.90	21.44	21.88	23.08
	8H	17.74	18.10	18.70	19.08	20.29	20.64	21.01	21.61	21.98	23.20
	12H	17.73	18.05	18.70	19.01	20.28	20.74	21.07	21.72	22.03	23.30
12H	4H	17.44	17.89	18.39	18.85	20.06	20.01	20.46	20.96	21.42	22.63
	6H	17.75	18.12	18.72	19.10	20.31	20.48	20.85	21.45	21.82	23.04
	8H	17.83	18.15	18.80	19.12	20.38	20.65	20.97	21.62	21.94	23.21