

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: P934892

Luminaire Tested: SQ4-FA-075U-100D-B2750-1D-UNV-STD-W-8-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934892
REPORT IS A COMBINATION OF REPORTS P933716 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-100D-B2750-1D-UNV-STD-W-8-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

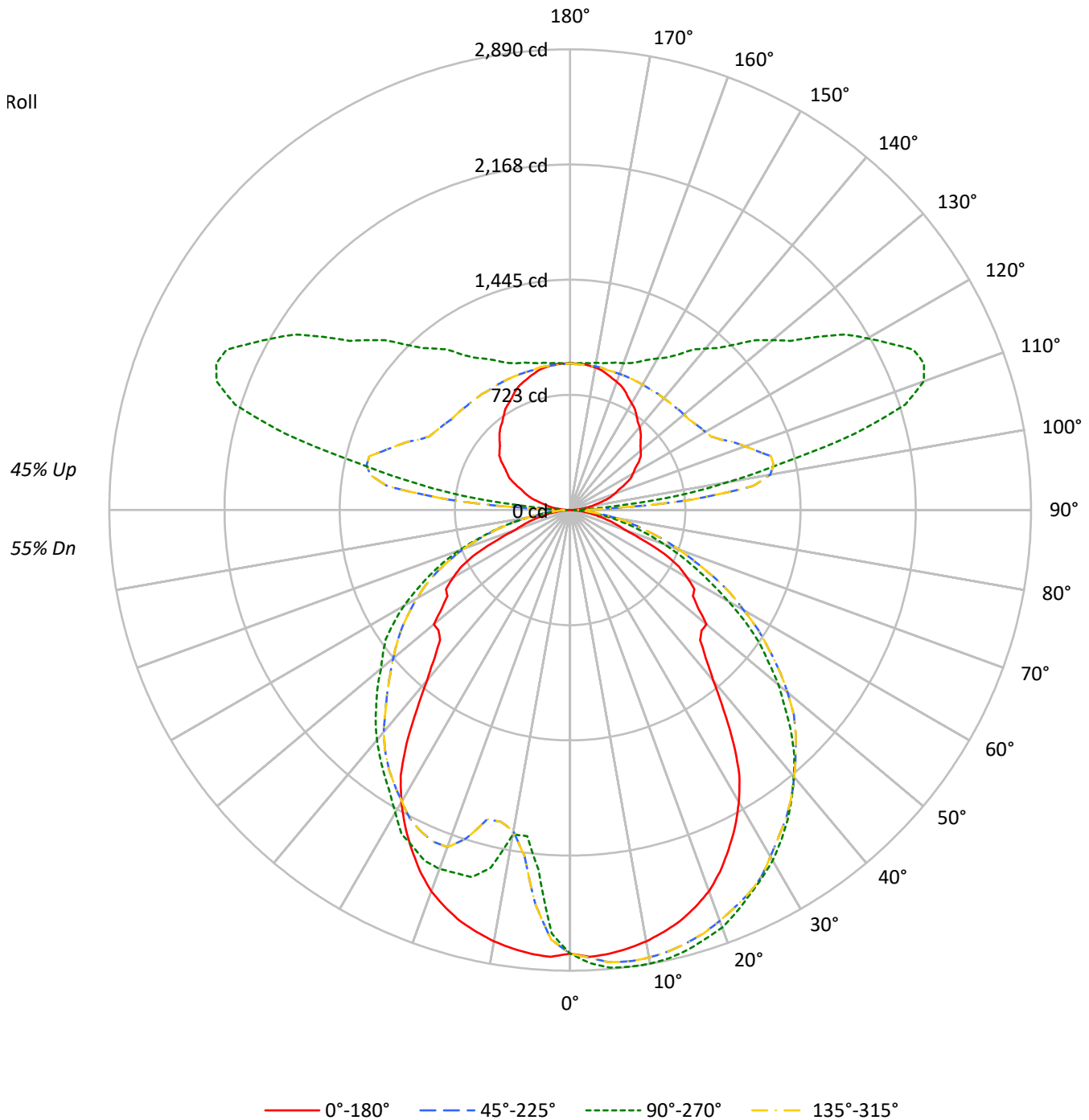
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13181.1 lumens
Efficiency: N/A
Efficacy: 128.7 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: General Diffuse

Input Watts (W): 102.4
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	0
RCR																		
0	108	108	108	108	100	100	100	100	86	86	86	73	73	73	60	60	60	55
1	99	95	91	87	92	88	85	82	76	73	71	64	62	61	54	52	51	46
2	90	83	76	71	83	77	72	67	66	62	59	56	53	51	47	45	43	39
3	82	73	65	59	76	68	61	56	58	53	49	50	46	43	42	39	37	33
4	75	64	56	50	69	60	53	47	52	46	42	44	40	37	37	34	32	28
5	69	57	49	43	64	54	46	41	46	41	36	40	35	32	34	30	28	24
6	64	51	43	37	59	48	41	35	42	36	32	36	31	28	30	27	24	21
7	59	46	38	33	54	43	36	31	38	32	28	33	28	25	28	24	21	19
8	55	42	34	29	51	39	32	27	35	29	25	30	25	22	25	22	19	17
9	51	38	31	26	47	36	29	25	32	26	22	27	23	20	24	20	17	15
10	47	35	28	23	44	33	26	22	29	24	20	25	21	18	22	18	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12907	12907	12907	12907
5°	13004	13029	13004	10245
10°	12916	12834	12916	9175
15°	12776	12556	12776	10485
20°	12509	12227	12509	10507
25°	11962	11746	11962	10284
30°	11255	11348	11255	9795
35°	10034	10843	10034	9258
40°	8361	10249	8361	8852
45°	7471	9554	7471	8385
50°	7936	8725	7936	7917
55°	7467	7831	7467	7646
60°	7697	6651	7697	7003
65°	6978	5498	6978	6146
70°	4832	4382	4832	5151
75°	4237	3239	4237	3879
80°	3416	2141	3416	2332
85°	1961	1134	1961	963

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11450 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	251.1	1.9
10°-20°	713.0	5.4
20°-30°	1102.2	8.4
30°-40°	1315.7	10.0
40°-50°	1323.5	10.0
50°-60°	1151.6	8.7
60°-70°	816.5	6.2
70°-80°	432.0	3.3
80°-90°	111.1	0.8
90°-100°	448.5	3.4
100°-110°	1179.1	8.9
110°-120°	1222.6	9.3
120°-130°	980.7	7.4
130°-140°	769.5	5.8
140°-150°	590.6	4.5
150°-160°	425.3	3.2
160°-170°	260.3	2.0
170°-180°	87.9	0.7
0°-30°	2066.3	15.7
0°-40°	3382.0	25.7
0°-60°	5857.0	44.4
0°-90°	7216.5	54.7
90°-120°	2850.2	21.6
90°-150°	5191.0	39.4
90°-180°	5965.0	45.3
0°-180°	13181.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2782	2782	2782	2782	2782	
5°	2795	2882	2795	2266	2795	265
15°	2669	2856	2669	2384	2669	751
25°	2350	2664	2350	2332	2350	1079
35°	1787	2377	1787	2029	1787	1106
45°	1153	1958	1153	1719	1153	923
55°	940	1445	940	1411	940	863
65°	653	871	653	974	653	624
75°	247	413	247	495	247	260
85°	42	105	42	89	42	57
90°	6	24	6	24	6	7
95°	59	271	59	271	59	66
105°	212	1846	212	1846	212	225
115°	377	2377	377	2377	377	373
125°	525	1893	525	1893	525	466
135°	626	1469	626	1469	626	484
145°	726	1192	726	1192	726	455
155°	820	1026	820	1026	820	377
165°	885	956	885	956	885	250
175°	920	926	920	926	920	87
180°	920	920	920	920	920	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9
2.5°	2805.6	2805.6	2821.4	2826.6	2826.6	2818.8	2810.9	2818.8	2842.5	2850.4	2847.8
5°	2795.1	2816.1	2845.1	2850.4	2855.6	2852.9	2847.8	2852.9	2879.3	2884.6	2887.2
7.5°	2774.1	2813.5	2850.4	2858.2	2866.2	2858.2	2855.6	2860.9	2887.2	2892.5	2892.5
10°	2747.7	2802.9	2845.1	2850.4	2858.2	2850.4	2850.4	2860.9	2887.2	2892.5	2895.1
12.5°	2710.8	2787.2	2826.6	2831.9	2842.5	2839.8	2837.2	2847.8	2874.1	2879.3	2879.3
15°	2668.8	2758.2	2795.1	2800.4	2818.8	2813.5	2813.5	2824.1	2852.9	2860.9	2858.2
17.5°	2610.8	2721.4	2763.5	2771.4	2784.5	2781.9	2784.5	2795.1	2821.4	2826.6	2829.3
20°	2545.1	2671.4	2721.4	2729.2	2742.5	2742.5	2742.5	2755.6	2781.9	2792.5	2792.5
22.5°	2455.5	2618.8	2671.4	2676.7	2692.4	2692.4	2697.7	2716.1	2739.8	2742.5	2742.5
25°	2350.3	2560.8	2605.5	2621.4	2637.2	2645.1	2652.9	2663.5	2671.4	2668.8	2671.4
27.5°	2239.7	2487.1	2545.1	2555.5	2576.7	2584.5	2595.1	2597.7	2600.4	2608.2	2602.9
30°	2116.0	2384.5	2471.4	2481.9	2516.1	2521.4	2510.8	2516.1	2529.2	2534.5	2539.8
32.5°	1976.6	2231.8	2395.1	2418.7	2450.3	2434.5	2431.8	2439.8	2460.8	2460.8	2466.1
35°	1787.0	2113.4	2324.0	2345.0	2368.7	2350.3	2360.8	2363.4	2376.7	2384.5	2381.8
37.5°	1579.2	2010.7	2250.3	2266.1	2284.5	2260.8	2276.6	2284.5	2295.0	2289.8	2289.8
40°	1394.9	1850.3	2163.4	2174.0	2189.7	2171.3	2187.1	2192.4	2197.7	2192.4	2189.7
42.5°	1258.0	1673.9	2071.3	2084.4	2074.0	2087.1	2092.4	2102.9	2095.0	2084.4	2084.4
45°	1152.8	1626.5	1971.3	1987.1	1971.3	1992.4	2000.3	2000.3	1976.6	1971.3	1968.7
47.5°	1118.6	1531.7	1871.3	1871.3	1863.4	1889.7	1902.9	1884.4	1860.7	1852.9	1852.9
50°	1115.9	1426.5	1734.4	1723.9	1760.7	1792.3	1779.2	1760.7	1742.3	1713.3	1713.3
52.5°	1013.3	1297.5	1558.0	1597.6	1655.5	1673.9	1652.9	1634.4	1602.9	1589.7	1579.2
55°	939.6	1163.3	1397.6	1476.5	1537.0	1560.7	1521.2	1502.9	1455.5	1447.6	1442.3
57.5°	923.8	968.5	1250.2	1350.2	1423.9	1421.2	1397.6	1363.3	1323.9	1315.9	1313.3
60°	847.5	700.1	1092.2	1210.6	1287.0	1279.1	1258.0	1226.5	1189.6	1184.3	1179.1
62.5°	768.5	508.0	913.2	1047.5	1155.4	1152.8	1134.3	1086.9	1060.6	1047.5	1036.9
65°	652.7	426.4	650.1	871.2	1026.5	1031.7	992.2	958.1	929.1	913.2	910.6
67.5°	497.4	347.4	439.5	726.4	902.8	897.5	847.5	831.7	794.8	786.9	771.1
70°	368.4	231.6	305.3	589.5	781.7	768.5	729.1	710.6	676.4	658.0	647.4
72.5°	305.3	186.8	223.7	458.0	658.0	642.2	608.0	586.9	558.0	542.1	531.7
75°	247.4	197.4	171.1	339.5	534.3	523.8	492.1	471.1	447.4	426.4	429.0
77.5°	181.6	184.3	136.9	250.0	423.7	408.0	389.5	363.2	352.7	331.7	331.7
80°	136.9	144.7	102.7	171.1	305.3	305.3	289.5	271.1	252.7	242.1	242.1
82.5°	92.1	92.1	76.3	107.9	208.0	200.0	189.5	184.3	173.7	168.4	168.4
85°	42.1	52.6	47.4	65.8	113.1	118.4	118.4	113.1	110.6	105.3	107.9
87.5°	13.1	23.7	29.0	36.9	57.9	60.6	63.1	63.1	63.1	65.8	65.8
90°	6.2	11.2	16.1	17.3	27.2	40.3	46.9	41.7	31.3	23.5	23.5
92.5°	24.7	66.7	108.8	119.2	167.6	232.1	264.3	231.7	166.3	117.3	112.6
95°	59.3	136.2	212.9	232.2	412.2	652.4	772.5	689.3	523.0	398.3	384.2
97.5°	102.5	170.3	238.1	255.1	555.4	955.8	1156.0	1103.4	998.3	919.5	892.6
100°	135.9	197.3	258.9	274.2	607.5	1051.8	1273.9	1277.8	1285.4	1291.2	1259.1
102.5°	164.2	221.6	279.0	293.3	631.3	1082.0	1307.2	1374.2	1508.1	1608.6	1581.2
105°	212.4	261.1	309.6	321.7	649.0	1085.3	1303.6	1453.7	1753.9	1979.1	1964.3
107.5°	261.8	307.2	352.4	363.7	652.3	1037.0	1229.5	1438.8	1857.6	2171.8	2175.4
110°	295.2	336.1	376.9	387.1	647.3	994.2	1167.7	1401.8	1870.0	2221.2	2236.5



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	327.9	366.8	405.8	415.5	647.5	956.9	1111.5	1351.2	1830.3	2189.7	2213.3
115°	377.3	413.2	449.2	458.2	653.5	913.9	1044.2	1275.0	1736.6	2082.8	2115.6
117.5°	426.1	458.8	491.4	499.6	665.7	887.1	997.9	1206.2	1622.8	1935.2	1971.5
120°	454.5	485.2	515.9	523.6	675.5	878.1	979.4	1169.7	1550.4	1835.8	1871.1
122.5°	482.3	513.3	544.3	552.1	689.7	873.3	965.1	1136.5	1479.4	1736.4	1771.2
125°	524.9	553.2	581.4	588.4	708.9	869.4	949.7	1095.3	1386.4	1604.9	1636.9
127.5°	559.5	588.0	616.5	623.7	728.1	867.2	936.7	1061.7	1311.7	1499.3	1526.3
130°	578.0	608.7	639.4	647.1	742.0	868.6	931.9	1043.1	1265.7	1432.6	1457.6
132.5°	597.1	627.9	658.7	666.3	753.4	869.4	927.5	1027.1	1226.4	1375.8	1398.2
135°	625.5	653.5	681.6	688.5	765.7	868.6	920.1	1003.6	1170.4	1295.5	1314.8
137.5°	654.6	682.3	709.9	716.9	784.3	874.0	918.8	989.3	1130.5	1236.2	1252.0
140°	678.7	704.2	729.7	736.0	795.5	874.9	914.5	975.5	1097.3	1188.7	1203.5
142.5°	697.2	720.8	744.4	750.3	805.1	878.1	914.5	968.0	1075.1	1155.4	1168.0
145°	725.6	746.2	766.7	771.9	817.4	878.1	908.4	952.2	1039.7	1105.4	1114.9
147.5°	754.0	774.0	794.1	799.1	835.5	884.0	908.4	942.8	1011.6	1063.3	1071.3
150°	772.5	790.6	808.8	813.2	844.9	887.2	908.4	937.4	995.6	1039.2	1045.7
152.5°	791.6	805.4	819.1	822.5	851.1	889.2	908.4	933.2	982.9	1020.1	1025.0
155°	820.0	830.2	840.3	842.9	864.7	893.8	908.4	928.1	967.6	997.3	1000.5
157.5°	841.0	850.9	860.7	863.2	878.3	898.3	908.4	923.7	954.5	977.5	979.8
160°	855.3	862.9	870.6	872.5	884.4	900.4	908.4	921.5	947.9	967.6	968.9
162.5°	869.4	875.2	881.0	882.5	891.1	902.6	908.4	919.5	941.7	958.4	959.5
165°	884.8	890.0	895.3	896.6	900.5	905.8	908.4	916.3	932.3	944.2	945.5
167.5°	899.1	901.6	904.1	904.7	908.0	912.3	914.5	919.7	930.2	938.0	938.5
170°	908.4	910.8	913.3	913.9	914.1	914.4	914.5	919.7	930.2	938.0	938.0
172.5°	913.3	913.8	914.4	914.5	914.5	914.5	914.5	918.6	926.9	933.1	932.6
175°	920.1	920.1	920.1	920.1	918.2	915.7	914.5	917.1	922.4	926.3	926.3
177.5°	920.1	920.1	920.1	920.1	918.6	916.7	915.7	917.8	921.9	925.0	924.5
180°	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9
2.5°	2852.9	2845.1	2852.9	2847.8	2850.4	2842.5	2818.8	2810.9	2818.8	2826.6	2826.6
5°	2887.2	2881.9	2887.2	2887.2	2884.6	2879.3	2852.9	2847.8	2852.9	2855.6	2850.4
7.5°	2897.8	2889.8	2897.8	2892.5	2892.5	2887.2	2860.9	2855.6	2858.2	2866.2	2858.2
10°	2897.8	2889.8	2897.8	2895.1	2892.5	2887.2	2860.9	2850.4	2850.4	2858.2	2850.4
12.5°	2884.6	2879.3	2884.6	2879.3	2879.3	2874.1	2847.8	2837.2	2839.8	2842.5	2831.9
15°	2863.5	2855.6	2863.5	2858.2	2860.9	2852.9	2824.1	2813.5	2813.5	2818.8	2800.4
17.5°	2831.9	2821.4	2831.9	2829.3	2826.6	2821.4	2795.1	2784.5	2781.9	2784.5	2771.4
20°	2795.1	2787.2	2795.1	2792.5	2792.5	2781.9	2755.6	2742.5	2742.5	2742.5	2729.2
22.5°	2737.2	2729.2	2737.2	2742.5	2742.5	2739.8	2716.1	2697.7	2692.4	2692.4	2676.7
25°	2671.4	2663.5	2671.4	2671.4	2668.8	2671.4	2663.5	2652.9	2645.1	2637.2	2621.4
27.5°	2608.2	2602.9	2608.2	2602.9	2608.2	2600.4	2597.7	2595.1	2584.5	2576.7	2555.5
30°	2545.1	2539.8	2545.1	2539.8	2534.5	2529.2	2516.1	2510.8	2521.4	2516.1	2481.9
32.5°	2466.1	2460.8	2466.1	2466.1	2460.8	2460.8	2439.8	2431.8	2434.5	2450.3	2418.7
35°	2384.5	2376.7	2384.5	2381.8	2384.5	2376.7	2363.4	2360.8	2350.3	2368.7	2345.0
37.5°	2289.8	2281.8	2289.8	2289.8	2289.8	2295.0	2284.5	2276.6	2260.8	2284.5	2266.1
40°	2192.4	2181.8	2192.4	2189.7	2192.4	2197.7	2192.4	2187.1	2171.3	2189.7	2174.0
42.5°	2081.8	2079.2	2081.8	2084.4	2084.4	2095.0	2102.9	2092.4	2087.1	2074.0	2084.4
45°	1963.4	1958.1	1963.4	1968.7	1971.3	1976.6	2000.3	2000.3	1992.4	1971.3	1987.1
47.5°	1837.0	1823.9	1837.0	1852.9	1852.9	1860.7	1884.4	1902.9	1889.7	1863.4	1871.3
50°	1702.9	1705.5	1702.9	1713.3	1713.3	1742.3	1760.7	1779.2	1792.3	1760.7	1723.9
52.5°	1571.3	1568.6	1571.3	1579.2	1589.7	1602.9	1634.4	1652.9	1673.9	1655.5	1597.6
55°	1439.6	1444.9	1439.6	1442.3	1447.6	1455.5	1502.9	1521.2	1560.7	1537.0	1476.5
57.5°	1308.0	1300.2	1308.0	1313.3	1315.9	1323.9	1363.3	1397.6	1421.2	1423.9	1350.2
60°	1155.4	1144.9	1155.4	1179.1	1184.3	1189.6	1226.5	1258.0	1279.1	1287.0	1210.6
62.5°	1021.2	1002.8	1021.2	1036.9	1047.5	1060.6	1086.9	1134.3	1152.8	1155.4	1047.5
65°	879.1	871.2	879.1	910.6	913.2	929.1	958.1	992.2	1031.7	1026.5	871.2
67.5°	750.1	750.1	750.1	771.1	786.9	794.8	831.7	847.5	897.5	902.8	726.4
70°	631.7	629.1	631.7	647.4	658.0	676.4	710.6	729.1	768.5	781.7	589.5
72.5°	518.5	515.8	518.5	531.7	542.1	558.0	586.9	608.0	642.2	658.0	458.0
75°	418.5	413.2	418.5	429.0	426.4	447.4	471.1	492.1	523.8	534.3	339.5
77.5°	321.1	321.1	321.1	331.7	331.7	352.7	363.2	389.5	408.0	423.7	250.0
80°	239.5	236.8	239.5	242.1	242.1	252.7	271.1	289.5	305.3	305.3	171.1
82.5°	168.4	163.1	168.4	168.4	168.4	173.7	184.3	189.5	200.0	208.0	107.9
85°	105.3	105.3	105.3	107.9	105.3	110.6	113.1	118.4	118.4	113.1	65.8
87.5°	68.4	65.8	68.4	65.8	65.8	63.1	63.1	63.1	60.6	57.9	36.9
90°	23.5	23.5	23.5	23.5	23.5	31.3	41.7	46.9	40.3	27.2	17.3
92.5°	94.0	75.3	94.0	112.6	117.3	166.3	231.7	264.3	232.1	167.6	119.2
95°	327.7	271.1	327.7	384.2	398.3	523.0	689.3	772.5	652.4	412.2	232.2
97.5°	784.9	677.4	784.9	892.6	919.5	998.3	1103.4	1156.0	955.8	555.4	255.1
100°	1131.1	1002.9	1131.1	1259.1	1291.2	1285.4	1277.8	1273.9	1051.8	607.5	274.2
102.5°	1471.4	1361.6	1471.4	1581.2	1608.6	1508.1	1374.2	1307.2	1082.0	631.3	293.3
105°	1905.2	1846.3	1905.2	1964.3	1979.1	1753.9	1453.7	1303.6	1085.3	649.0	321.7
107.5°	2189.6	2203.8	2189.6	2175.4	2171.8	1857.6	1438.8	1229.5	1037.0	652.3	363.7
110°	2298.1	2359.5	2298.1	2236.5	2221.2	1870.0	1401.8	1167.7	994.2	647.3	387.1



TEST NUMBER: P934892

CATALOG NUMBER: SQ4-FA-075U-100D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2307.6	2402.1	2307.6	2213.3	2189.7	1830.3	1351.2	1111.5	956.9	647.5	415.5
115°	2246.5	2377.4	2246.5	2115.6	2082.8	1736.6	1275.0	1044.2	913.9	653.5	458.2
117.5°	2116.7	2261.9	2116.7	1971.5	1935.2	1622.8	1206.2	997.9	887.1	665.7	499.6
120°	2012.2	2153.3	2012.2	1871.1	1835.8	1550.4	1169.7	979.4	878.1	675.5	523.6
122.5°	1910.3	2049.5	1910.3	1771.2	1736.4	1479.4	1136.5	965.1	873.3	689.7	552.1
125°	1765.1	1893.3	1765.1	1636.9	1604.9	1386.4	1095.3	949.7	869.4	708.9	588.4
127.5°	1634.4	1742.6	1634.4	1526.3	1499.3	1311.7	1061.7	936.7	867.2	728.1	623.7
130°	1557.4	1657.3	1557.4	1457.6	1432.6	1265.7	1043.1	931.9	868.6	742.0	647.1
132.5°	1487.6	1577.1	1487.6	1398.2	1375.8	1226.4	1027.1	927.5	869.4	753.4	666.3
135°	1391.9	1469.0	1391.9	1314.8	1295.5	1170.4	1003.6	920.1	868.6	765.7	688.5
137.5°	1315.1	1378.3	1315.1	1252.0	1236.2	1130.5	989.3	918.8	874.0	784.3	716.9
140°	1262.5	1321.5	1262.5	1203.5	1188.7	1097.3	975.5	914.5	874.9	795.5	736.0
142.5°	1218.8	1269.6	1218.8	1168.0	1155.4	1075.1	968.0	914.5	878.1	805.1	750.3
145°	1153.4	1191.8	1153.4	1114.9	1105.4	1039.7	952.2	908.4	878.1	817.4	771.9
147.5°	1103.1	1134.9	1103.1	1071.3	1063.3	1011.6	942.8	908.4	884.0	835.5	799.1
150°	1071.5	1097.3	1071.5	1045.7	1039.2	995.6	937.4	908.4	887.2	844.9	813.2
152.5°	1044.4	1063.9	1044.4	1025.0	1020.1	982.9	933.2	908.4	889.2	851.1	822.5
155°	1013.4	1026.3	1013.4	1000.5	997.3	967.6	928.1	908.4	893.8	864.7	842.9
157.5°	988.8	997.9	988.8	979.8	977.5	954.5	923.7	908.4	898.3	878.3	863.2
160°	974.2	979.4	974.2	968.9	967.6	947.9	921.5	908.4	900.4	884.4	872.5
162.5°	964.5	969.5	964.5	959.5	958.4	941.7	919.5	908.4	902.6	891.1	882.5
165°	950.7	955.9	950.7	945.5	944.2	932.3	916.3	908.4	905.8	900.5	896.6
167.5°	940.7	942.9	940.7	938.5	938.0	930.2	919.7	914.5	912.3	908.0	904.7
170°	938.0	938.0	938.0	938.0	938.0	930.2	919.7	914.5	914.4	914.1	913.9
172.5°	930.7	928.8	930.7	932.6	933.1	926.9	918.6	914.5	914.5	914.5	914.5
175°	926.3	926.3	926.3	926.3	926.3	922.4	917.1	914.5	915.7	918.2	920.1
177.5°	922.3	920.1	922.3	924.5	925.0	921.9	917.8	915.7	916.7	918.6	920.1
180°	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9
2.5°	2821.4	2805.6	2805.6	2779.3	2768.8	2760.9	2747.7	2708.2	2697.7	2687.2	2702.9
5°	2845.1	2816.1	2795.1	2747.7	2708.2	2692.4	2642.4	2547.7	2484.5	2437.1	2410.8
7.5°	2850.4	2813.5	2774.1	2700.4	2605.5	2563.5	2410.8	2237.1	2189.7	2147.7	2121.3
10°	2845.1	2802.9	2747.7	2637.2	2413.4	2339.8	2187.1	2074.0	2045.0	2037.1	2045.0
12.5°	2826.6	2787.2	2710.8	2526.7	2213.4	2163.4	2074.0	2008.1	2002.9	2016.0	2087.1
15°	2795.1	2758.2	2668.8	2379.2	2102.9	2066.0	2002.9	1979.2	2008.1	2100.3	2313.4
17.5°	2763.5	2721.4	2610.8	2234.5	2018.7	1992.4	1947.6	1995.0	2158.1	2281.8	2353.0
20°	2721.4	2671.4	2545.1	2129.2	1958.1	1934.4	1913.4	2126.6	2250.3	2295.0	2334.5
22.5°	2671.4	2618.8	2455.5	2055.5	1895.0	1876.6	1889.7	2200.3	2250.3	2281.8	2316.1
25°	2605.5	2560.8	2350.3	1997.6	1845.0	1823.9	1873.9	2192.4	2221.3	2229.2	2297.7
27.5°	2545.1	2487.1	2239.7	1945.0	1784.4	1776.6	1887.1	2158.1	2179.2	2187.1	2260.8
30°	2471.4	2384.5	2116.0	1889.7	1721.3	1718.6	1889.7	2116.0	2110.8	2131.8	2205.5
32.5°	2395.1	2231.8	1976.6	1821.3	1660.7	1658.1	1871.3	2052.9	2047.6	2076.6	2131.8
35°	2324.0	2113.4	1787.0	1742.3	1584.4	1587.0	1826.6	1979.2	1981.8	2008.1	2042.4
37.5°	2250.3	2010.7	1579.2	1655.5	1510.7	1510.7	1766.0	1910.7	1905.5	1913.4	1960.7
40°	2163.4	1850.3	1394.9	1542.3	1442.3	1434.3	1692.3	1837.0	1818.6	1816.0	1881.8
42.5°	2071.3	1673.9	1258.0	1392.3	1363.3	1352.8	1602.9	1747.6	1713.3	1721.3	1805.4
45°	1971.3	1626.5	1152.8	1176.5	1281.8	1273.9	1505.5	1644.9	1621.3	1642.3	1729.2
47.5°	1871.3	1531.7	1118.6	976.5	1194.9	1192.2	1397.6	1544.9	1531.7	1552.9	1644.9
50°	1734.4	1426.5	1115.9	836.9	1097.5	1108.0	1268.6	1447.6	1447.6	1466.0	1563.3
52.5°	1558.0	1297.5	1013.3	758.0	984.3	1015.9	1155.4	1363.3	1368.6	1387.0	1473.9
55°	1397.6	1163.3	939.6	697.5	850.1	918.5	1044.9	1276.5	1287.0	1305.5	1384.3
57.5°	1250.2	968.5	923.8	626.4	726.4	792.2	947.5	1192.2	1197.5	1213.3	1289.6
60°	1092.2	700.1	847.5	550.1	618.5	668.5	858.0	1092.2	1110.6	1121.2	1187.0
62.5°	913.2	508.0	768.5	497.4	565.8	576.4	784.4	997.5	1021.2	1029.1	1068.5
65°	650.1	426.4	652.7	452.7	510.5	513.2	705.4	900.1	921.2	934.3	963.2
67.5°	439.5	347.4	497.4	410.6	468.5	471.1	629.1	786.9	815.9	826.4	844.8
70°	305.3	231.6	368.4	365.8	421.1	426.4	547.4	684.3	710.6	718.5	729.1
72.5°	223.7	186.8	305.3	329.0	371.1	376.4	463.2	568.5	594.8	602.7	608.0
75°	171.1	197.4	247.4	286.8	315.8	318.4	379.0	463.2	481.7	486.9	489.5
77.5°	136.9	184.3	181.6	231.6	258.0	252.7	297.4	358.0	373.7	373.7	373.7
80°	102.7	144.7	136.9	165.8	189.5	184.3	213.1	255.3	260.6	265.8	263.1
82.5°	76.3	92.1	92.1	105.3	126.3	121.1	142.1	165.8	165.8	165.8	171.1
85°	47.4	52.6	42.1	55.3	71.0	68.4	79.0	89.4	92.1	92.1	86.9
87.5°	29.0	23.7	13.1	21.0	31.6	31.6	36.9	39.4	36.9	36.9	36.9
90°	16.1	11.2	6.2	11.2	16.1	17.3	27.2	40.3	46.9	41.7	31.3
92.5°	108.8	66.7	24.7	66.7	108.8	119.2	167.6	232.1	264.3	231.7	166.3
95°	212.9	136.2	59.3	136.2	212.9	232.2	412.2	652.4	772.5	689.3	523.0
97.5°	238.1	170.3	102.5	170.3	238.1	255.1	555.4	955.8	1156.0	1103.4	998.3
100°	258.9	197.3	135.9	197.3	258.9	274.2	607.5	1051.8	1273.9	1277.8	1285.4
102.5°	279.0	221.6	164.2	221.6	279.0	293.3	631.3	1082.0	1307.2	1374.2	1508.1
105°	309.6	261.1	212.4	261.1	309.6	321.7	649.0	1085.3	1303.6	1453.7	1753.9
107.5°	352.4	307.2	261.8	307.2	352.4	363.7	652.3	1037.0	1229.5	1438.8	1857.6
110°	376.9	336.1	295.2	336.1	376.9	387.1	647.3	994.2	1167.7	1401.8	1870.0



TEST NUMBER: P934892

CATALOG NUMBER: SQ4-FA-075U-100D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	405.8	366.8	327.9	366.8	405.8	415.5	647.5	956.9	1111.5	1351.2	1830.3
115°	449.2	413.2	377.3	413.2	449.2	458.2	653.5	913.9	1044.2	1275.0	1736.6
117.5°	491.4	458.8	426.1	458.8	491.4	499.6	665.7	887.1	997.9	1206.2	1622.8
120°	515.9	485.2	454.5	485.2	515.9	523.6	675.5	878.1	979.4	1169.7	1550.4
122.5°	544.3	513.3	482.3	513.3	544.3	552.1	689.7	873.3	965.1	1136.5	1479.4
125°	581.4	553.2	524.9	553.2	581.4	588.4	708.9	869.4	949.7	1095.3	1386.4
127.5°	616.5	588.0	559.5	588.0	616.5	623.7	728.1	867.2	936.7	1061.7	1311.7
130°	639.4	608.7	578.0	608.7	639.4	647.1	742.0	868.6	931.9	1043.1	1265.7
132.5°	658.7	627.9	597.1	627.9	658.7	666.3	753.4	869.4	927.5	1027.1	1226.4
135°	681.6	653.5	625.5	653.5	681.6	688.5	765.7	868.6	920.1	1003.6	1170.4
137.5°	709.9	682.3	654.6	682.3	709.9	716.9	784.3	874.0	918.8	989.3	1130.5
140°	729.7	704.2	678.7	704.2	729.7	736.0	795.5	874.9	914.5	975.5	1097.3
142.5°	744.4	720.8	697.2	720.8	744.4	750.3	805.1	878.1	914.5	968.0	1075.1
145°	766.7	746.2	725.6	746.2	766.7	771.9	817.4	878.1	908.4	952.2	1039.7
147.5°	794.1	774.0	754.0	774.0	794.1	799.1	835.5	884.0	908.4	942.8	1011.6
150°	808.8	790.6	772.5	790.6	808.8	813.2	844.9	887.2	908.4	937.4	995.6
152.5°	819.1	805.4	791.6	805.4	819.1	822.5	851.1	889.2	908.4	933.2	982.9
155°	840.3	830.2	820.0	830.2	840.3	842.9	864.7	893.8	908.4	928.1	967.6
157.5°	860.7	850.9	841.0	850.9	860.7	863.2	878.3	898.3	908.4	923.7	954.5
160°	870.6	862.9	855.3	862.9	870.6	872.5	884.4	900.4	908.4	921.5	947.9
162.5°	881.0	875.2	869.4	875.2	881.0	882.5	891.1	902.6	908.4	919.5	941.7
165°	895.3	890.0	884.8	890.0	895.3	896.6	900.5	905.8	908.4	916.3	932.3
167.5°	904.1	901.6	899.1	901.6	904.1	904.7	908.0	912.3	914.5	919.7	930.2
170°	913.3	910.8	908.4	910.8	913.3	913.9	914.1	914.4	914.5	919.7	930.2
172.5°	914.4	913.8	913.3	913.8	914.4	914.5	914.5	914.5	914.5	918.6	926.9
175°	920.1	920.1	920.1	920.1	920.1	920.1	918.2	915.7	914.5	917.1	922.4
177.5°	920.1	920.1	920.1	920.1	920.1	920.1	918.6	916.7	915.7	917.8	921.9
180°	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1



TEST NUMBER: P934892

CATALOG NUMBER: SQ4-FA-075U-100D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9
2.5°	2684.5	2676.7	2687.2	2658.2	2687.2	2676.7	2684.5	2702.9	2687.2	2697.7	2708.2
5°	2355.5	2342.4	2300.3	2266.1	2300.3	2342.4	2355.5	2410.8	2437.1	2484.5	2547.7
7.5°	2105.5	2095.0	2084.4	2063.4	2084.4	2095.0	2105.5	2121.3	2147.7	2189.7	2237.1
10°	2050.3	2052.9	2068.7	2066.0	2068.7	2052.9	2050.3	2045.0	2037.1	2045.0	2074.0
12.5°	2192.4	2216.1	2303.0	2297.7	2303.0	2216.1	2192.4	2087.1	2016.0	2002.9	2008.1
15°	2355.5	2363.4	2381.8	2384.5	2381.8	2363.4	2355.5	2313.4	2100.3	2008.1	1979.2
17.5°	2371.4	2374.0	2387.1	2387.1	2387.1	2374.0	2371.4	2353.0	2281.8	2158.1	1995.0
20°	2358.2	2363.4	2389.8	2395.1	2389.8	2363.4	2358.2	2334.5	2295.0	2250.3	2126.6
22.5°	2353.0	2363.4	2384.5	2381.8	2384.5	2363.4	2353.0	2316.1	2281.8	2250.3	2200.3
25°	2326.6	2326.6	2329.2	2331.8	2329.2	2326.6	2326.6	2297.7	2229.2	2221.3	2192.4
27.5°	2271.4	2276.6	2292.4	2289.8	2292.4	2276.6	2271.4	2260.8	2187.1	2179.2	2158.1
30°	2221.3	2216.1	2202.9	2192.4	2202.9	2216.1	2221.3	2205.5	2131.8	2110.8	2116.0
32.5°	2137.1	2124.0	2110.8	2102.9	2110.8	2124.0	2137.1	2131.8	2076.6	2047.6	2052.9
35°	2037.1	2039.7	2037.1	2029.2	2037.1	2039.7	2037.1	2042.4	2008.1	1981.8	1979.2
37.5°	1966.0	1971.3	1968.7	1958.1	1968.7	1971.3	1966.0	1960.7	1913.4	1905.5	1910.7
40°	1892.3	1895.0	1892.3	1884.4	1892.3	1895.0	1892.3	1881.8	1816.0	1818.6	1837.0
42.5°	1821.3	1818.6	1810.7	1805.4	1810.7	1818.6	1821.3	1805.4	1721.3	1713.3	1747.6
45°	1739.7	1742.3	1726.6	1718.6	1726.6	1742.3	1739.7	1729.2	1642.3	1621.3	1644.9
47.5°	1658.1	1658.1	1644.9	1637.0	1644.9	1658.1	1658.1	1644.9	1552.9	1531.7	1544.9
50°	1571.3	1568.6	1550.2	1547.6	1550.2	1568.6	1571.3	1563.3	1466.0	1447.6	1447.6
52.5°	1471.2	1471.2	1473.9	1479.2	1473.9	1471.2	1471.2	1473.9	1387.0	1368.6	1363.3
55°	1384.3	1387.0	1405.5	1410.7	1405.5	1387.0	1384.3	1384.3	1305.5	1287.0	1276.5
57.5°	1294.9	1294.9	1308.0	1308.0	1308.0	1294.9	1294.9	1289.6	1213.3	1197.5	1192.2
60°	1192.2	1197.5	1208.0	1205.5	1208.0	1197.5	1192.2	1187.0	1121.2	1110.6	1092.2
62.5°	1084.3	1089.6	1092.2	1086.9	1092.2	1089.6	1084.3	1068.5	1029.1	1021.2	997.5
65°	971.2	976.5	979.1	973.8	979.1	976.5	971.2	963.2	934.3	921.2	900.1
67.5°	855.4	852.8	850.1	860.6	850.1	852.8	855.4	844.8	826.4	815.9	786.9
70°	736.9	736.9	734.3	739.5	734.3	736.9	736.9	729.1	718.5	710.6	684.3
72.5°	610.6	608.0	618.5	610.6	618.5	608.0	610.6	608.0	602.7	594.8	568.5
75°	486.9	492.1	486.9	494.8	486.9	492.1	486.9	489.5	486.9	481.7	463.2
77.5°	371.1	376.4	371.1	371.1	371.1	376.4	371.1	373.7	373.7	373.7	358.0
80°	263.1	260.6	260.6	258.0	260.6	260.6	263.1	263.1	265.8	260.6	255.3
82.5°	168.4	165.8	165.8	171.1	165.8	165.8	168.4	171.1	165.8	165.8	165.8
85°	92.1	94.7	89.4	89.4	89.4	94.7	92.1	86.9	92.1	92.1	89.4
87.5°	34.3	31.6	31.6	31.6	31.6	31.6	34.3	36.9	36.9	36.9	39.4
90°	23.5	23.5	23.5	23.5	23.5	23.5	23.5	31.3	41.7	46.9	40.3
92.5°	117.3	112.6	94.0	75.3	94.0	112.6	117.3	166.3	231.7	264.3	232.1
95°	398.3	384.2	327.7	271.1	327.7	384.2	398.3	523.0	689.3	772.5	652.4
97.5°	919.5	892.6	784.9	677.4	784.9	892.6	919.5	998.3	1103.4	1156.0	955.8
100°	1291.2	1259.1	1131.1	1002.9	1131.1	1259.1	1291.2	1285.4	1277.8	1273.9	1051.8
102.5°	1608.6	1581.2	1471.4	1361.6	1471.4	1581.2	1608.6	1508.1	1374.2	1307.2	1082.0
105°	1979.1	1964.3	1905.2	1846.3	1905.2	1964.3	1979.1	1753.9	1453.7	1303.6	1085.3
107.5°	2171.8	2175.4	2189.6	2203.8	2189.6	2175.4	2171.8	1857.6	1438.8	1229.5	1037.0
110°	2221.2	2236.5	2298.1	2359.5	2298.1	2236.5	2221.2	1870.0	1401.8	1167.7	994.2



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2189.7	2213.3	2307.6	2402.1	2307.6	2213.3	2189.7	1830.3	1351.2	1111.5	956.9
115°	2082.8	2115.6	2246.5	2377.4	2246.5	2115.6	2082.8	1736.6	1275.0	1044.2	913.9
117.5°	1935.2	1971.5	2116.7	2261.9	2116.7	1971.5	1935.2	1622.8	1206.2	997.9	887.1
120°	1835.8	1871.1	2012.2	2153.3	2012.2	1871.1	1835.8	1550.4	1169.7	979.4	878.1
122.5°	1736.4	1771.2	1910.3	2049.5	1910.3	1771.2	1736.4	1479.4	1136.5	965.1	873.3
125°	1604.9	1636.9	1765.1	1893.3	1765.1	1636.9	1604.9	1386.4	1095.3	949.7	869.4
127.5°	1499.3	1526.3	1634.4	1742.6	1634.4	1526.3	1499.3	1311.7	1061.7	936.7	867.2
130°	1432.6	1457.6	1557.4	1657.3	1557.4	1457.6	1432.6	1265.7	1043.1	931.9	868.6
132.5°	1375.8	1398.2	1487.6	1577.1	1487.6	1398.2	1375.8	1226.4	1027.1	927.5	869.4
135°	1295.5	1314.8	1391.9	1469.0	1391.9	1314.8	1295.5	1170.4	1003.6	920.1	868.6
137.5°	1236.2	1252.0	1315.1	1378.3	1315.1	1252.0	1236.2	1130.5	989.3	918.8	874.0
140°	1188.7	1203.5	1262.5	1321.5	1262.5	1203.5	1188.7	1097.3	975.5	914.5	874.9
142.5°	1155.4	1168.0	1218.8	1269.6	1218.8	1168.0	1155.4	1075.1	968.0	914.5	878.1
145°	1105.4	1114.9	1153.4	1191.8	1153.4	1114.9	1105.4	1039.7	952.2	908.4	878.1
147.5°	1063.3	1071.3	1103.1	1134.9	1103.1	1071.3	1063.3	1011.6	942.8	908.4	884.0
150°	1039.2	1045.7	1071.5	1097.3	1071.5	1045.7	1039.2	995.6	937.4	908.4	887.2
152.5°	1020.1	1025.0	1044.4	1063.9	1044.4	1025.0	1020.1	982.9	933.2	908.4	889.2
155°	997.3	1000.5	1013.4	1026.3	1013.4	1000.5	997.3	967.6	928.1	908.4	893.8
157.5°	977.5	979.8	988.8	997.9	988.8	979.8	977.5	954.5	923.7	908.4	898.3
160°	967.6	968.9	974.2	979.4	974.2	968.9	967.6	947.9	921.5	908.4	900.4
162.5°	958.4	959.5	964.5	969.5	964.5	959.5	958.4	941.7	919.5	908.4	902.6
165°	944.2	945.5	950.7	955.9	950.7	945.5	944.2	932.3	916.3	908.4	905.8
167.5°	938.0	938.5	940.7	942.9	940.7	938.5	938.0	930.2	919.7	914.5	912.3
170°	938.0	938.0	938.0	938.0	938.0	938.0	938.0	930.2	919.7	914.5	914.4
172.5°	933.1	932.6	930.7	928.8	930.7	932.6	933.1	926.9	918.6	914.5	914.5
175°	926.3	926.3	926.3	926.3	926.3	926.3	926.3	922.4	917.1	914.5	915.7
177.5°	925.0	924.5	922.3	920.1	922.3	924.5	925.0	921.9	917.8	915.7	916.7
180°	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2781.9	2781.9	2781.9	2781.9	2781.9
2.5°	2747.7	2760.9	2768.8	2779.3	2805.6
5°	2642.4	2692.4	2708.2	2747.7	2795.1
7.5°	2410.8	2563.5	2605.5	2700.4	2774.1
10°	2187.1	2339.8	2413.4	2637.2	2747.7
12.5°	2074.0	2163.4	2213.4	2526.7	2710.8
15°	2002.9	2066.0	2102.9	2379.2	2668.8
17.5°	1947.6	1992.4	2018.7	2234.5	2610.8
20°	1913.4	1934.4	1958.1	2129.2	2545.1
22.5°	1889.7	1876.6	1895.0	2055.5	2455.5
25°	1873.9	1823.9	1845.0	1997.6	2350.3
27.5°	1887.1	1776.6	1784.4	1945.0	2239.7
30°	1889.7	1718.6	1721.3	1889.7	2116.0
32.5°	1871.3	1658.1	1660.7	1821.3	1976.6
35°	1826.6	1587.0	1584.4	1742.3	1787.0
37.5°	1766.0	1510.7	1510.7	1655.5	1579.2
40°	1692.3	1434.3	1442.3	1542.3	1394.9
42.5°	1602.9	1352.8	1363.3	1392.3	1258.0
45°	1505.5	1273.9	1281.8	1176.5	1152.8
47.5°	1397.6	1192.2	1194.9	976.5	1118.6
50°	1268.6	1108.0	1097.5	836.9	1115.9
52.5°	1155.4	1015.9	984.3	758.0	1013.3
55°	1044.9	918.5	850.1	697.5	939.6
57.5°	947.5	792.2	726.4	626.4	923.8
60°	858.0	668.5	618.5	550.1	847.5
62.5°	784.4	576.4	565.8	497.4	768.5
65°	705.4	513.2	510.5	452.7	652.7
67.5°	629.1	471.1	468.5	410.6	497.4
70°	547.4	426.4	421.1	365.8	368.4
72.5°	463.2	376.4	371.1	329.0	305.3
75°	379.0	318.4	315.8	286.8	247.4
77.5°	297.4	252.7	258.0	231.6	181.6
80°	213.1	184.3	189.5	165.8	136.9
82.5°	142.1	121.1	126.3	105.3	92.1
85°	79.0	68.4	71.0	55.3	42.1
87.5°	36.9	31.6	31.6	21.0	13.1
90°	27.2	17.3	16.1	11.2	6.2
92.5°	167.6	119.2	108.8	66.7	24.7
95°	412.2	232.2	212.9	136.2	59.3
97.5°	555.4	255.1	238.1	170.3	102.5
100°	607.5	274.2	258.9	197.3	135.9
102.5°	631.3	293.3	279.0	221.6	164.2
105°	649.0	321.7	309.6	261.1	212.4
107.5°	652.3	363.7	352.4	307.2	261.8
110°	647.3	387.1	376.9	336.1	295.2



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	647.5	415.5	405.8	366.8	327.9
115°	653.5	458.2	449.2	413.2	377.3
117.5°	665.7	499.6	491.4	458.8	426.1
120°	675.5	523.6	515.9	485.2	454.5
122.5°	689.7	552.1	544.3	513.3	482.3
125°	708.9	588.4	581.4	553.2	524.9
127.5°	728.1	623.7	616.5	588.0	559.5
130°	742.0	647.1	639.4	608.7	578.0
132.5°	753.4	666.3	658.7	627.9	597.1
135°	765.7	688.5	681.6	653.5	625.5
137.5°	784.3	716.9	709.9	682.3	654.6
140°	795.5	736.0	729.7	704.2	678.7
142.5°	805.1	750.3	744.4	720.8	697.2
145°	817.4	771.9	766.7	746.2	725.6
147.5°	835.5	799.1	794.1	774.0	754.0
150°	844.9	813.2	808.8	790.6	772.5
152.5°	851.1	822.5	819.1	805.4	791.6
155°	864.7	842.9	840.3	830.2	820.0
157.5°	878.3	863.2	860.7	850.9	841.0
160°	884.4	872.5	870.6	862.9	855.3
162.5°	891.1	882.5	881.0	875.2	869.4
165°	900.5	896.6	895.3	890.0	884.8
167.5°	908.0	904.7	904.1	901.6	899.1
170°	914.1	913.9	913.3	910.8	908.4
172.5°	914.5	914.5	914.4	913.8	913.3
175°	918.2	920.1	920.1	920.1	920.1
177.5°	918.6	920.1	920.1	920.1	920.1
180°	920.1	920.1	920.1	920.1	920.1



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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	14.12	15.03	15.04	15.96	17.16	16.96	17.86	17.87	18.80	20.00
	3H	14.60	15.41	15.53	16.36	17.58	18.31	19.12	19.24	20.07	21.29
	4H	14.80	15.56	15.74	16.51	17.75	18.76	19.53	19.70	20.47	21.71
	6H	14.92	15.62	15.87	16.58	17.83	19.05	19.76	20.00	20.71	21.96
	8H	14.92	15.59	15.88	16.56	17.81	19.12	19.80	20.09	20.77	22.02
	12H	14.89	15.53	15.86	16.50	17.77	19.17	19.81	20.13	20.77	22.04
4H	2H	15.16	15.93	16.11	16.88	18.11	17.37	18.14	18.32	19.09	20.32
	3H	16.19	16.83	17.15	17.81	19.06	18.89	19.53	19.84	20.50	21.75
	4H	16.47	17.06	17.44	18.03	19.30	19.42	20.00	20.39	20.97	22.25
	6H	16.60	17.10	17.58	18.10	19.37	19.79	20.29	20.77	21.29	22.56
	8H	16.61	17.08	17.59	18.06	19.35	19.90	20.37	20.88	21.36	22.64
	12H	16.57	17.00	17.58	18.00	19.30	19.96	20.38	20.96	21.39	22.68
8H	4H	16.93	17.40	17.91	18.39	19.68	19.55	20.02	20.53	21.01	22.29
	6H	17.19	17.58	18.20	18.61	19.90	19.99	20.37	20.99	21.41	22.69
	8H	17.24	17.58	18.25	18.60	19.90	20.14	20.48	21.16	21.50	22.80
	12H	17.22	17.52	18.24	18.54	19.89	20.24	20.54	21.26	21.56	22.90
12H	4H	16.94	17.36	17.94	18.37	19.66	19.51	19.94	20.51	20.94	22.23
	6H	17.25	17.60	18.27	18.62	19.92	19.98	20.33	21.00	21.35	22.65
	8H	17.32	17.62	18.34	18.64	19.99	20.15	20.45	21.17	21.46	22.81