

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: P934976

Luminaire Tested: SQ4-FA-075U-125D-940-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934976
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-940-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

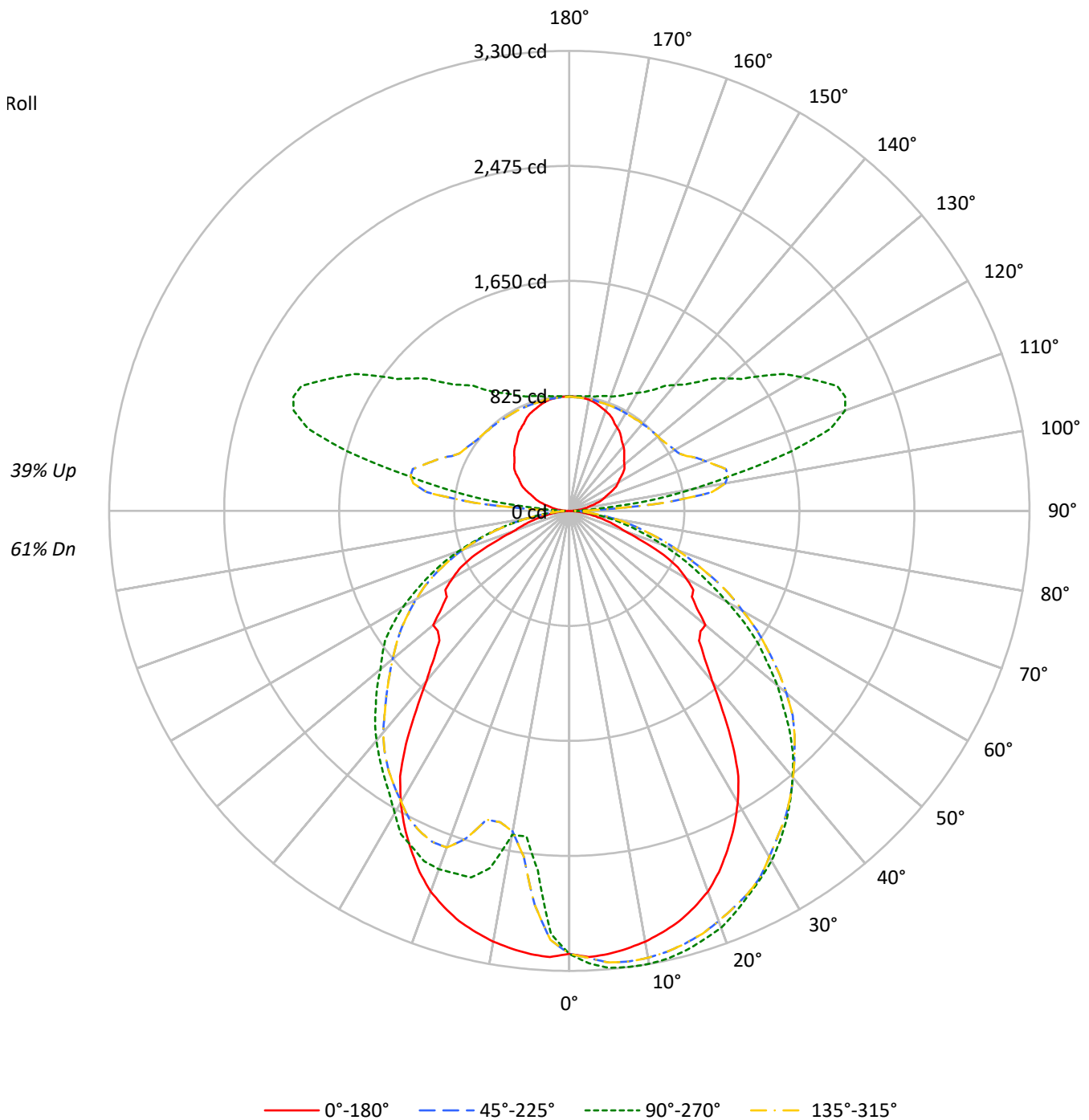
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13557.1 lumens
Efficiency: N/A
Efficacy: 109.3 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 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





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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°	14738	14738	14738	14738
5°	14848	14878	14848	11698
10°	14749	14654	14749	10477
15°	14588	14337	14588	11972
20°	14284	13961	14284	11997
25°	13659	13413	13659	11743
30°	12852	12957	12852	11185
35°	11457	12381	11457	10571
40°	9547	11703	9547	10107
45°	8530	10909	8530	9575
50°	9062	9962	9062	9040
55°	8526	8942	8526	8730
60°	8789	7595	8789	7996
65°	7969	6278	7969	7018
70°	5517	5003	5517	5883
75°	4838	3698	4838	4428
80°	3900	2445	3900	2662
85°	2236	1295	2236	1101

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13074 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	286.7	2.1
10°-20°	814.1	6.0
20°-30°	1258.5	9.3
30°-40°	1502.4	11.1
40°-50°	1511.2	11.1
50°-60°	1314.9	9.7
60°-70°	932.3	6.9
70°-80°	493.2	3.6
80°-90°	126.0	0.9
90°-100°	399.9	2.9
100°-110°	1051.3	7.8
110°-120°	1090.0	8.0
120°-130°	874.3	6.4
130°-140°	686.1	5.1
140°-150°	526.6	3.9
150°-160°	379.2	2.8
160°-170°	232.0	1.7
170°-180°	78.4	0.6
0°-30°	2359.4	17.4
0°-40°	3861.7	28.5
0°-60°	6687.8	49.3
0°-90°	8239.3	60.8
90°-120°	2541.2	18.7
90°-150°	4628.1	34.1
90°-180°	5318.0	39.2
0°-180°	13557.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3177	3177	3177	3177	3177	
5°	3192	3291	3192	2588	3192	303
15°	3047	3261	3047	2723	3047	857
25°	2684	3041	2684	2663	2684	1232
35°	2040	2714	2040	2317	2040	1262
45°	1316	2236	1316	1962	1316	1054
55°	1073	1650	1073	1611	1073	986
65°	745	995	745	1112	745	712
75°	282	472	282	565	282	297
85°	48	120	48	102	48	65
90°	6	21	6	21	6	7
95°	53	242	53	242	53	59
105°	189	1646	189	1646	189	201
115°	336	2120	336	2120	336	332
125°	468	1688	468	1688	468	415
135°	558	1310	558	1310	558	432
145°	647	1063	647	1063	647	405
155°	731	915	731	915	731	336
165°	789	852	789	852	789	223
175°	820	826	820	826	820	78
180°	820	820	820	820	820	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6
2.5°	3203.5	3203.5	3221.6	3227.6	3227.6	3218.6	3209.6	3218.6	3245.6	3254.7	3251.7
5°	3191.6	3215.6	3248.7	3254.7	3260.6	3257.7	3251.7	3257.7	3287.7	3293.8	3296.8
7.5°	3167.5	3212.6	3254.7	3263.7	3272.7	3263.7	3260.6	3266.7	3296.8	3302.7	3302.7
10°	3137.5	3200.6	3248.7	3254.7	3263.7	3254.7	3254.7	3266.7	3296.8	3302.7	3305.8
12.5°	3095.4	3182.5	3227.6	3233.7	3245.6	3242.6	3239.7	3251.7	3281.7	3287.7	3287.7
15°	3047.3	3149.5	3191.6	3197.6	3218.6	3212.6	3212.6	3224.6	3257.7	3266.7	3263.7
17.5°	2981.2	3107.4	3155.5	3164.5	3179.6	3176.6	3179.6	3191.6	3221.6	3227.6	3230.6
20°	2906.1	3050.3	3107.4	3116.4	3131.4	3131.4	3131.4	3146.5	3176.6	3188.5	3188.5
22.5°	2803.9	2990.3	3050.3	3056.3	3074.3	3074.3	3080.4	3101.4	3128.4	3131.4	3131.4
25°	2683.7	2924.1	2975.2	2993.2	3011.2	3020.3	3029.3	3041.3	3050.3	3047.3	3050.3
27.5°	2557.4	2839.9	2906.1	2918.1	2942.1	2951.2	2963.2	2966.2	2969.2	2978.2	2972.1
30°	2416.2	2722.8	2821.9	2834.0	2873.0	2879.0	2867.0	2873.0	2888.0	2894.1	2900.0
32.5°	2256.9	2548.5	2734.8	2761.9	2797.9	2779.9	2776.9	2785.8	2809.9	2809.9	2815.9
35°	2040.5	2413.2	2653.6	2677.7	2704.7	2683.7	2695.7	2698.7	2713.7	2722.8	2719.8
37.5°	1803.2	2296.0	2569.5	2587.5	2608.6	2581.5	2599.5	2608.6	2620.6	2614.5	2614.5
40°	1592.8	2112.6	2470.3	2482.3	2500.3	2479.3	2497.3	2503.4	2509.4	2503.4	2500.3
42.5°	1436.5	1911.3	2365.1	2380.1	2368.1	2383.1	2389.2	2401.2	2392.2	2380.1	2380.1
45°	1316.3	1857.3	2250.9	2268.9	2250.9	2275.0	2284.0	2284.0	2256.9	2250.9	2247.9
47.5°	1277.2	1749.0	2136.7	2136.7	2127.7	2157.8	2172.8	2151.7	2124.7	2115.7	2115.7
50°	1274.2	1628.9	1980.4	1968.4	2010.5	2046.6	2031.6	2010.5	1989.5	1956.4	1956.4
52.5°	1157.0	1481.5	1779.1	1824.2	1890.3	1911.3	1887.3	1866.2	1830.2	1815.2	1803.2
55°	1072.9	1328.4	1595.8	1686.0	1755.0	1782.1	1737.0	1716.0	1661.9	1652.9	1646.9
57.5°	1054.9	1105.9	1427.5	1541.7	1625.8	1622.8	1595.8	1556.8	1511.6	1502.6	1499.7
60°	967.7	799.4	1247.2	1382.4	1469.6	1460.6	1436.5	1400.5	1358.4	1352.3	1346.4
62.5°	877.5	580.0	1042.8	1196.0	1319.3	1316.3	1295.2	1241.2	1211.1	1196.0	1184.1
65°	745.3	486.9	742.3	994.7	1172.1	1178.0	1133.0	1093.9	1060.8	1042.8	1039.8
67.5°	568.0	396.7	501.9	829.5	1030.8	1024.8	967.7	949.6	907.6	898.6	880.5
70°	420.7	264.4	348.6	673.2	892.5	877.5	832.4	811.5	772.4	751.3	739.3
72.5°	348.6	213.4	255.5	522.9	751.3	733.3	694.2	670.2	637.1	619.1	607.0
75°	282.5	225.4	195.4	387.7	610.1	598.1	562.0	538.0	510.9	486.9	489.8
77.5°	207.3	210.4	156.3	285.5	483.9	465.8	444.8	414.7	402.7	378.6	378.6
80°	156.3	165.3	117.2	195.4	348.6	348.6	330.6	309.6	288.5	276.5	276.5
82.5°	105.1	105.1	87.1	123.3	237.5	228.4	216.4	210.4	198.4	192.3	192.3
85°	48.0	60.1	54.1	75.1	129.2	135.2	135.2	129.2	126.2	120.2	123.3
87.5°	15.0	27.1	33.0	42.1	66.2	69.1	72.1	72.1	72.1	75.1	75.1
90°	5.5	9.9	14.4	15.5	24.2	36.0	41.8	37.2	27.9	21.0	21.0
92.5°	22.0	59.5	97.0	106.3	149.5	206.9	235.7	206.5	148.3	104.6	100.4
95°	52.8	121.4	189.9	207.0	367.5	581.6	688.7	614.6	466.3	355.1	342.5
97.5°	91.4	151.8	212.3	227.4	495.1	852.1	1030.6	983.7	890.0	819.8	795.8
100°	121.1	175.9	230.8	244.5	541.6	937.7	1135.8	1139.2	1146.1	1151.2	1122.6
102.5°	146.4	197.6	248.7	261.5	562.8	964.6	1165.5	1225.2	1344.6	1434.2	1409.7
105°	189.4	232.7	276.0	286.8	578.6	967.7	1162.2	1296.0	1563.7	1764.5	1751.3
107.5°	233.5	273.9	314.2	324.3	581.6	924.6	1096.1	1282.8	1656.2	1936.3	1939.5
110°	263.2	299.6	336.0	345.2	577.1	886.4	1041.1	1249.8	1667.2	1980.3	1994.0



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	292.3	327.1	361.8	370.5	577.3	853.1	991.0	1204.7	1631.9	1952.3	1973.3
115°	336.4	368.4	400.5	408.5	582.6	814.8	931.0	1136.7	1548.3	1857.0	1886.2
117.5°	379.9	409.0	438.1	445.4	593.5	790.9	889.7	1075.4	1446.8	1725.4	1757.7
120°	405.2	432.5	460.0	466.8	602.2	782.9	873.2	1042.9	1382.3	1636.8	1668.2
122.5°	430.0	457.7	485.3	492.2	614.9	778.6	860.5	1013.3	1318.9	1548.1	1579.1
125°	468.0	493.2	518.3	524.6	632.0	775.1	846.7	976.5	1236.1	1430.8	1459.4
127.5°	498.8	524.3	549.7	556.1	649.1	773.2	835.2	946.6	1169.5	1336.7	1360.8
130°	515.3	542.7	570.1	576.9	661.6	774.4	830.8	930.0	1128.5	1277.3	1299.6
132.5°	532.4	559.8	587.2	594.1	671.7	775.1	826.9	915.7	1093.4	1226.6	1246.6
135°	557.7	582.6	607.7	613.9	682.7	774.4	820.3	894.7	1043.5	1155.0	1172.2
137.5°	583.6	608.3	633.0	639.2	699.2	779.2	819.2	882.1	1007.9	1102.2	1116.2
140°	605.1	627.8	650.5	656.2	709.2	780.0	815.4	869.7	978.3	1059.8	1073.0
142.5°	621.6	642.6	663.7	668.9	717.8	782.9	815.4	863.0	958.5	1030.1	1041.4
145°	646.9	665.3	683.6	688.2	728.8	782.9	809.9	848.9	927.0	985.5	994.0
147.5°	672.2	690.1	708.0	712.4	744.9	788.2	809.9	840.6	901.9	948.0	955.1
150°	688.7	704.9	721.1	725.1	753.3	791.0	809.9	835.8	887.6	926.5	932.3
152.5°	705.8	718.0	730.3	733.3	758.8	792.8	809.9	832.0	876.3	909.5	913.8
155°	731.1	740.1	749.2	751.5	771.0	796.9	809.9	827.4	862.7	889.2	892.0
157.5°	749.8	758.6	767.4	769.6	783.0	800.9	809.9	823.5	851.0	871.5	873.5
160°	762.5	769.4	776.2	777.9	788.5	802.8	809.9	821.6	845.1	862.7	863.8
162.5°	775.1	780.3	785.4	786.8	794.5	804.7	809.9	819.8	839.6	854.4	855.5
165°	788.9	793.5	798.2	799.4	802.8	807.5	809.9	817.0	831.2	841.8	843.0
167.5°	801.6	803.8	806.0	806.6	809.5	813.4	815.4	820.0	829.3	836.3	836.8
170°	809.9	812.1	814.3	814.8	815.0	815.3	815.4	820.0	829.3	836.3	836.3
172.5°	814.3	814.7	815.3	815.4	815.4	815.4	815.4	819.0	826.4	831.9	831.4
175°	820.3	820.3	820.3	820.3	818.6	816.4	815.4	817.7	822.4	825.8	825.8
177.5°	820.3	820.3	820.3	820.3	819.0	817.3	816.4	818.3	821.9	824.7	824.2
180°	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6
2.5°	3257.7	3248.7	3257.7	3251.7	3254.7	3245.6	3218.6	3209.6	3218.6	3227.6	3227.6
5°	3296.8	3290.8	3296.8	3296.8	3293.8	3287.7	3257.7	3251.7	3257.7	3260.6	3254.7
7.5°	3308.8	3299.7	3308.8	3302.7	3302.7	3296.8	3266.7	3260.6	3263.7	3272.7	3263.7
10°	3308.8	3299.7	3308.8	3305.8	3302.7	3296.8	3266.7	3254.7	3254.7	3263.7	3254.7
12.5°	3293.8	3287.7	3293.8	3287.7	3287.7	3281.7	3251.7	3239.7	3242.6	3245.6	3233.7
15°	3269.7	3260.6	3269.7	3263.7	3266.7	3257.7	3224.6	3212.6	3212.6	3218.6	3197.6
17.5°	3233.7	3221.6	3233.7	3230.6	3227.6	3221.6	3191.6	3179.6	3176.6	3179.6	3164.5
20°	3191.6	3182.5	3191.6	3188.5	3188.5	3176.6	3146.5	3131.4	3131.4	3131.4	3116.4
22.5°	3125.4	3116.4	3125.4	3131.4	3131.4	3128.4	3101.4	3080.4	3074.3	3074.3	3056.3
25°	3050.3	3041.3	3050.3	3050.3	3047.3	3050.3	3041.3	3029.3	3020.3	3011.2	2993.2
27.5°	2978.2	2972.1	2978.2	2972.1	2978.2	2969.2	2966.2	2963.2	2951.2	2942.1	2918.1
30°	2906.1	2900.0	2906.1	2900.0	2894.1	2888.0	2873.0	2867.0	2879.0	2873.0	2834.0
32.5°	2815.9	2809.9	2815.9	2815.9	2809.9	2809.9	2785.8	2776.9	2779.9	2797.9	2761.9
35°	2722.8	2713.7	2722.8	2719.8	2722.8	2713.7	2698.7	2695.7	2683.7	2704.7	2677.7
37.5°	2614.5	2605.6	2614.5	2614.5	2614.5	2620.6	2608.6	2599.5	2581.5	2608.6	2587.5
40°	2503.4	2491.4	2503.4	2500.3	2503.4	2509.4	2503.4	2497.3	2479.3	2500.3	2482.3
42.5°	2377.2	2374.2	2377.2	2380.1	2380.1	2392.2	2401.2	2389.2	2383.1	2368.1	2380.1
45°	2241.9	2235.9	2241.9	2247.9	2250.9	2256.9	2284.0	2284.0	2275.0	2250.9	2268.9
47.5°	2097.6	2082.6	2097.6	2115.7	2115.7	2124.7	2151.7	2172.8	2157.8	2127.7	2136.7
50°	1944.4	1947.4	1944.4	1956.4	1956.4	1989.5	2010.5	2031.6	2046.6	2010.5	1968.4
52.5°	1794.1	1791.1	1794.1	1803.2	1815.2	1830.2	1866.2	1887.3	1911.3	1890.3	1824.2
55°	1643.9	1649.9	1643.9	1646.9	1652.9	1661.9	1716.0	1737.0	1782.1	1755.0	1686.0
57.5°	1493.6	1484.6	1493.6	1499.7	1502.6	1511.6	1556.8	1595.8	1622.8	1625.8	1541.7
60°	1319.3	1307.3	1319.3	1346.4	1352.3	1358.4	1400.5	1436.5	1460.6	1469.6	1382.4
62.5°	1166.0	1145.0	1166.0	1184.1	1196.0	1211.1	1241.2	1295.2	1316.3	1319.3	1196.0
65°	1003.7	994.7	1003.7	1039.8	1042.8	1060.8	1093.9	1133.0	1178.0	1172.1	994.7
67.5°	856.5	856.5	856.5	880.5	898.6	907.6	949.6	967.7	1024.8	1030.8	829.5
70°	721.2	718.2	721.2	739.3	751.3	772.4	811.5	832.4	877.5	892.5	673.2
72.5°	592.0	589.0	592.0	607.0	619.1	637.1	670.2	694.2	733.3	751.3	522.9
75°	477.8	471.8	477.8	489.8	486.9	510.9	538.0	562.0	598.1	610.1	387.7
77.5°	366.7	366.7	366.7	378.6	378.6	402.7	414.7	444.8	465.8	483.9	285.5
80°	273.5	270.5	273.5	276.5	276.5	288.5	309.6	330.6	348.6	348.6	195.4
82.5°	192.3	186.3	192.3	192.3	192.3	198.4	210.4	216.4	228.4	237.5	123.3
85°	120.2	120.2	120.2	123.3	120.2	126.2	129.2	135.2	135.2	129.2	75.1
87.5°	78.1	75.1	78.1	75.1	75.1	72.1	72.1	72.1	69.1	66.2	42.1
90°	21.0	21.0	21.0	21.0	21.0	27.9	37.2	41.8	36.0	24.2	15.5
92.5°	83.8	67.1	83.8	100.4	104.6	148.3	206.5	235.7	206.9	149.5	106.3
95°	292.2	241.7	292.2	342.5	355.1	466.3	614.6	688.7	581.6	367.5	207.0
97.5°	699.8	603.9	699.8	795.8	819.8	890.0	983.7	1030.6	852.1	495.1	227.4
100°	1008.4	894.1	1008.4	1122.6	1151.2	1146.1	1139.2	1135.8	937.7	541.6	244.5
102.5°	1311.8	1214.0	1311.8	1409.7	1434.2	1344.6	1225.2	1165.5	964.6	562.8	261.5
105°	1698.7	1646.1	1698.7	1751.3	1764.5	1563.7	1296.0	1162.2	967.7	578.6	286.8
107.5°	1952.2	1964.9	1952.2	1939.5	1936.3	1656.2	1282.8	1096.1	924.6	581.6	324.3
110°	2048.9	2103.7	2048.9	1994.0	1980.3	1667.2	1249.8	1041.1	886.4	577.1	345.2



TEST NUMBER: P934976

CATALOG NUMBER: SQ4-FA-075U-125D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2057.4	2141.6	2057.4	1973.3	1952.3	1631.9	1204.7	991.0	853.1	577.3	370.5
115°	2002.9	2119.6	2002.9	1886.2	1857.0	1548.3	1136.7	931.0	814.8	582.6	408.5
117.5°	1887.2	2016.6	1887.2	1757.7	1725.4	1446.8	1075.4	889.7	790.9	593.5	445.4
120°	1794.0	1919.8	1794.0	1668.2	1636.8	1382.3	1042.9	873.2	782.9	602.2	466.8
122.5°	1703.2	1827.2	1703.2	1579.1	1548.1	1318.9	1013.3	860.5	778.6	614.9	492.2
125°	1573.7	1688.0	1573.7	1459.4	1430.8	1236.1	976.5	846.7	775.1	632.0	524.6
127.5°	1457.2	1553.6	1457.2	1360.8	1336.7	1169.5	946.6	835.2	773.2	649.1	556.1
130°	1388.6	1477.6	1388.6	1299.6	1277.3	1128.5	930.0	830.8	774.4	661.6	576.9
132.5°	1326.3	1406.1	1326.3	1246.6	1226.6	1093.4	915.7	826.9	775.1	671.7	594.1
135°	1241.0	1309.7	1241.0	1172.2	1155.0	1043.5	894.7	820.3	774.4	682.7	613.9
137.5°	1172.5	1228.8	1172.5	1116.2	1102.2	1007.9	882.1	819.2	779.2	699.2	639.2
140°	1125.6	1178.2	1125.6	1073.0	1059.8	978.3	869.7	815.4	780.0	709.2	656.2
142.5°	1086.6	1131.9	1086.6	1041.4	1030.1	958.5	863.0	815.4	782.9	717.8	668.9
145°	1028.3	1062.6	1028.3	994.0	985.5	927.0	848.9	809.9	782.9	728.8	688.2
147.5°	983.5	1011.9	983.5	955.1	948.0	901.9	840.6	809.9	788.2	744.9	712.4
150°	955.3	978.3	955.3	932.3	926.5	887.6	835.8	809.9	791.0	753.3	725.1
152.5°	931.2	948.6	931.2	913.8	909.5	876.3	832.0	809.9	792.8	758.8	733.3
155°	903.5	915.0	903.5	892.0	889.2	862.7	827.4	809.9	796.9	771.0	751.5
157.5°	881.6	889.7	881.6	873.5	871.5	851.0	823.5	809.9	800.9	783.0	769.6
160°	868.6	873.2	868.6	863.8	862.7	845.1	821.6	809.9	802.8	788.5	777.9
162.5°	859.9	864.4	859.9	855.5	854.4	839.6	819.8	809.9	804.7	794.5	786.8
165°	847.6	852.2	847.6	843.0	841.8	831.2	817.0	809.9	807.5	802.8	799.4
167.5°	838.7	840.7	838.7	836.8	836.3	829.3	820.0	815.4	813.4	809.5	806.6
170°	836.3	836.3	836.3	836.3	836.3	829.3	820.0	815.4	815.3	815.0	814.8
172.5°	829.7	828.1	829.7	831.4	831.9	826.4	819.0	815.4	815.4	815.4	815.4
175°	825.8	825.8	825.8	825.8	825.8	822.4	817.7	815.4	816.4	818.6	820.3
177.5°	822.3	820.3	822.3	824.2	824.7	821.9	818.3	816.4	817.3	819.0	820.3
180°	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3



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CATALOG NUMBER: SQ4-FA-075U-125D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6
2.5°	3221.6	3203.5	3203.5	3173.5	3161.5	3152.5	3137.5	3092.4	3080.4	3068.3	3086.4
5°	3248.7	3215.6	3191.6	3137.5	3092.4	3074.3	3017.2	2909.1	2837.0	2782.8	2752.8
7.5°	3254.7	3212.6	3167.5	3083.4	2975.2	2927.1	2752.8	2554.4	2500.3	2452.3	2422.2
10°	3248.7	3200.6	3137.5	3011.2	2755.8	2671.6	2497.3	2368.1	2335.1	2326.0	2335.1
12.5°	3227.6	3182.5	3095.4	2885.0	2527.4	2470.3	2368.1	2293.0	2287.0	2302.1	2383.1
15°	3191.6	3149.5	3047.3	2716.7	2401.2	2359.1	2287.0	2260.0	2293.0	2398.2	2641.6
17.5°	3155.5	3107.4	2981.2	2551.5	2305.0	2275.0	2223.9	2278.0	2464.3	2605.6	2686.6
20°	3107.4	3050.3	2906.1	2431.3	2235.9	2208.8	2184.8	2428.2	2569.5	2620.6	2665.7
22.5°	3050.3	2990.3	2803.9	2347.1	2163.8	2142.7	2157.8	2512.4	2569.5	2605.6	2644.6
25°	2975.2	2924.1	2683.7	2281.0	2106.7	2082.6	2139.7	2503.4	2536.4	2545.5	2623.6
27.5°	2906.1	2839.9	2557.4	2220.9	2037.5	2028.5	2154.7	2464.3	2488.4	2497.3	2581.5
30°	2821.9	2722.8	2416.2	2157.8	1965.4	1962.4	2157.8	2416.2	2410.2	2434.3	2518.4
32.5°	2734.8	2548.5	2256.9	2079.6	1896.3	1893.3	2136.7	2344.1	2338.1	2371.1	2434.3
35°	2653.6	2413.2	2040.5	1989.5	1809.1	1812.1	2085.6	2260.0	2263.0	2293.0	2332.1
37.5°	2569.5	2296.0	1803.2	1890.3	1725.0	1725.0	2016.5	2181.8	2175.8	2184.8	2238.9
40°	2470.3	2112.6	1592.8	1761.1	1646.9	1637.8	1932.4	2097.6	2076.6	2073.7	2148.8
42.5°	2365.1	1911.3	1436.5	1589.8	1556.8	1544.7	1830.2	1995.5	1956.4	1965.4	2061.6
45°	2250.9	1857.3	1316.3	1343.4	1463.5	1454.5	1719.0	1878.3	1851.2	1875.3	1974.5
47.5°	2136.7	1749.0	1277.2	1115.0	1364.4	1361.4	1595.8	1764.1	1749.0	1773.1	1878.3
50°	1980.4	1628.9	1274.2	955.7	1253.1	1265.2	1448.5	1652.9	1652.9	1673.9	1785.1
52.5°	1779.1	1481.5	1157.0	865.5	1123.9	1160.0	1319.3	1556.8	1562.7	1583.7	1682.9
55°	1595.8	1328.4	1072.9	796.4	970.7	1048.8	1193.1	1457.6	1469.6	1490.6	1580.7
57.5°	1427.5	1105.9	1054.9	715.3	829.5	904.6	1081.9	1361.4	1367.3	1385.5	1472.6
60°	1247.2	799.4	967.7	628.1	706.2	763.3	979.7	1247.2	1268.2	1280.2	1355.4
62.5°	1042.8	580.0	877.5	568.0	646.1	658.2	895.5	1138.9	1166.0	1175.1	1220.1
65°	742.3	486.9	745.3	516.9	583.0	586.0	805.4	1027.8	1051.8	1066.8	1099.9
67.5°	501.9	396.7	568.0	468.8	534.9	538.0	718.2	898.6	931.6	943.7	964.7
70°	348.6	264.4	420.7	417.7	480.9	486.9	625.1	781.4	811.5	820.4	832.4
72.5°	255.5	213.4	348.6	375.6	423.8	429.8	528.9	649.1	679.1	688.2	694.2
75°	195.4	225.4	282.5	327.6	360.6	363.6	432.7	528.9	549.9	556.0	559.0
77.5°	156.3	210.4	207.3	264.4	294.5	288.5	339.6	408.7	426.8	426.8	426.8
80°	117.2	165.3	156.3	189.3	216.4	210.4	243.4	291.5	297.5	303.5	300.5
82.5°	87.1	105.1	105.1	120.2	144.2	138.3	162.3	189.3	189.3	189.3	195.4
85°	54.1	60.1	48.0	63.1	81.2	78.1	90.1	102.2	105.1	105.1	99.2
87.5°	33.0	27.1	15.0	24.1	36.1	36.1	42.1	45.1	42.1	42.1	42.1
90°	14.4	9.9	5.5	9.9	14.4	15.5	24.2	36.0	41.8	37.2	27.9
92.5°	97.0	59.5	22.0	59.5	97.0	106.3	149.5	206.9	235.7	206.5	148.3
95°	189.9	121.4	52.8	121.4	189.9	207.0	367.5	581.6	688.7	614.6	466.3
97.5°	212.3	151.8	91.4	151.8	212.3	227.4	495.1	852.1	1030.6	983.7	890.0
100°	230.8	175.9	121.1	175.9	230.8	244.5	541.6	937.7	1135.8	1139.2	1146.1
102.5°	248.7	197.6	146.4	197.6	248.7	261.5	562.8	964.6	1165.5	1225.2	1344.6
105°	276.0	232.7	189.4	232.7	276.0	286.8	578.6	967.7	1162.2	1296.0	1563.7
107.5°	314.2	273.9	233.5	273.9	314.2	324.3	581.6	924.6	1096.1	1282.8	1656.2
110°	336.0	299.6	263.2	299.6	336.0	345.2	577.1	886.4	1041.1	1249.8	1667.2



TEST NUMBER: P934976

CATALOG NUMBER: SQ4-FA-075U-125D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	361.8	327.1	292.3	327.1	361.8	370.5	577.3	853.1	991.0	1204.7	1631.9
115°	400.5	368.4	336.4	368.4	400.5	408.5	582.6	814.8	931.0	1136.7	1548.3
117.5°	438.1	409.0	379.9	409.0	438.1	445.4	593.5	790.9	889.7	1075.4	1446.8
120°	460.0	432.5	405.2	432.5	460.0	466.8	602.2	782.9	873.2	1042.9	1382.3
122.5°	485.3	457.7	430.0	457.7	485.3	492.2	614.9	778.6	860.5	1013.3	1318.9
125°	518.3	493.2	468.0	493.2	518.3	524.6	632.0	775.1	846.7	976.5	1236.1
127.5°	549.7	524.3	498.8	524.3	549.7	556.1	649.1	773.2	835.2	946.6	1169.5
130°	570.1	542.7	515.3	542.7	570.1	576.9	661.6	774.4	830.8	930.0	1128.5
132.5°	587.2	559.8	532.4	559.8	587.2	594.1	671.7	775.1	826.9	915.7	1093.4
135°	607.7	582.6	557.7	582.6	607.7	613.9	682.7	774.4	820.3	894.7	1043.5
137.5°	633.0	608.3	583.6	608.3	633.0	639.2	699.2	779.2	819.2	882.1	1007.9
140°	650.5	627.8	605.1	627.8	650.5	656.2	709.2	780.0	815.4	869.7	978.3
142.5°	663.7	642.6	621.6	642.6	663.7	668.9	717.8	782.9	815.4	863.0	958.5
145°	683.6	665.3	646.9	665.3	683.6	688.2	728.8	782.9	809.9	848.9	927.0
147.5°	708.0	690.1	672.2	690.1	708.0	712.4	744.9	788.2	809.9	840.6	901.9
150°	721.1	704.9	688.7	704.9	721.1	725.1	753.3	791.0	809.9	835.8	887.6
152.5°	730.3	718.0	705.8	718.0	730.3	733.3	758.8	792.8	809.9	832.0	876.3
155°	749.2	740.1	731.1	740.1	749.2	751.5	771.0	796.9	809.9	827.4	862.7
157.5°	767.4	758.6	749.8	758.6	767.4	769.6	783.0	800.9	809.9	823.5	851.0
160°	776.2	769.4	762.5	769.4	776.2	777.9	788.5	802.8	809.9	821.6	845.1
162.5°	785.4	780.3	775.1	780.3	785.4	786.8	794.5	804.7	809.9	819.8	839.6
165°	798.2	793.5	788.9	793.5	798.2	799.4	802.8	807.5	809.9	817.0	831.2
167.5°	806.0	803.8	801.6	803.8	806.0	806.6	809.5	813.4	815.4	820.0	829.3
170°	814.3	812.1	809.9	812.1	814.3	814.8	815.0	815.3	815.4	820.0	829.3
172.5°	815.3	814.7	814.3	814.7	815.3	815.4	815.4	815.4	815.4	819.0	826.4
175°	820.3	820.3	820.3	820.3	820.3	820.3	818.6	816.4	815.4	817.7	822.4
177.5°	820.3	820.3	820.3	820.3	820.3	820.3	819.0	817.3	816.4	818.3	821.9
180°	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3



TEST NUMBER: P934976
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6	3176.6
2.5°	3065.4	3056.3	3068.3	3035.3	3068.3	3056.3	3065.4	3086.4	3068.3	3080.4	3092.4
5°	2689.7	2674.7	2626.6	2587.5	2626.6	2674.7	2689.7	2752.8	2782.8	2837.0	2909.1
7.5°	2404.2	2392.2	2380.1	2356.1	2380.1	2392.2	2404.2	2422.2	2452.3	2500.3	2554.4
10°	2341.1	2344.1	2362.1	2359.1	2362.1	2344.1	2341.1	2335.1	2326.0	2335.1	2368.1
12.5°	2503.4	2530.4	2629.5	2623.6	2629.5	2530.4	2503.4	2383.1	2302.1	2287.0	2293.0
15°	2689.7	2698.7	2719.8	2722.8	2719.8	2698.7	2689.7	2641.6	2398.2	2293.0	2260.0
17.5°	2707.7	2710.7	2725.7	2725.7	2725.7	2710.7	2707.7	2686.6	2605.6	2464.3	2278.0
20°	2692.7	2698.7	2728.7	2734.8	2728.7	2698.7	2692.7	2665.7	2620.6	2569.5	2428.2
22.5°	2686.6	2698.7	2722.8	2719.8	2722.8	2698.7	2686.6	2644.6	2605.6	2569.5	2512.4
25°	2656.6	2656.6	2659.6	2662.7	2659.6	2656.6	2656.6	2623.6	2545.5	2536.4	2503.4
27.5°	2593.5	2599.5	2617.6	2614.5	2617.6	2599.5	2593.5	2581.5	2497.3	2488.4	2464.3
30°	2536.4	2530.4	2515.3	2503.4	2515.3	2530.4	2536.4	2518.4	2434.3	2410.2	2416.2
32.5°	2440.2	2425.2	2410.2	2401.2	2410.2	2425.2	2440.2	2434.3	2371.1	2338.1	2344.1
35°	2326.0	2329.0	2326.0	2317.1	2326.0	2329.0	2326.0	2332.1	2293.0	2263.0	2260.0
37.5°	2245.0	2250.9	2247.9	2235.9	2247.9	2250.9	2245.0	2238.9	2184.8	2175.8	2181.8
40°	2160.8	2163.8	2160.8	2151.7	2160.8	2163.8	2160.8	2148.8	2073.7	2076.6	2097.6
42.5°	2079.6	2076.6	2067.6	2061.6	2067.6	2076.6	2079.6	2061.6	1965.4	1956.4	1995.5
45°	1986.5	1989.5	1971.4	1962.4	1971.4	1989.5	1986.5	1974.5	1875.3	1851.2	1878.3
47.5°	1893.3	1893.3	1878.3	1869.2	1878.3	1893.3	1893.3	1878.3	1773.1	1749.0	1764.1
50°	1794.1	1791.1	1770.1	1767.1	1770.1	1791.1	1794.1	1785.1	1673.9	1652.9	1652.9
52.5°	1679.9	1679.9	1682.9	1689.0	1682.9	1679.9	1679.9	1682.9	1583.7	1562.7	1556.8
55°	1580.7	1583.7	1604.8	1610.8	1604.8	1583.7	1580.7	1580.7	1490.6	1469.6	1457.6
57.5°	1478.6	1478.6	1493.6	1493.6	1493.6	1478.6	1478.6	1472.6	1385.5	1367.3	1361.4
60°	1361.4	1367.3	1379.4	1376.4	1379.4	1367.3	1361.4	1355.4	1280.2	1268.2	1247.2
62.5°	1238.1	1244.2	1247.2	1241.2	1247.2	1244.2	1238.1	1220.1	1175.1	1166.0	1138.9
65°	1108.9	1115.0	1118.0	1112.0	1118.0	1115.0	1108.9	1099.9	1066.8	1051.8	1027.8
67.5°	976.7	973.7	970.7	982.7	970.7	973.7	976.7	964.7	943.7	931.6	898.6
70°	841.5	841.5	838.4	844.5	838.4	841.5	841.5	832.4	820.4	811.5	781.4
72.5°	697.3	694.2	706.2	697.3	706.2	694.2	697.3	694.2	688.2	679.1	649.1
75°	556.0	562.0	556.0	564.9	556.0	562.0	556.0	559.0	556.0	549.9	528.9
77.5°	423.8	429.8	423.8	423.8	423.8	429.8	423.8	426.8	426.8	426.8	408.7
80°	300.5	297.5	297.5	294.5	297.5	297.5	300.5	300.5	303.5	297.5	291.5
82.5°	192.3	189.3	189.3	195.4	189.3	189.3	192.3	195.4	189.3	189.3	189.3
85°	105.1	108.2	102.2	102.2	102.2	108.2	105.1	99.2	105.1	105.1	102.2
87.5°	39.1	36.1	36.1	36.1	36.1	36.1	39.1	42.1	42.1	42.1	45.1
90°	21.0	21.0	21.0	21.0	21.0	21.0	21.0	27.9	37.2	41.8	36.0
92.5°	104.6	100.4	83.8	67.1	83.8	100.4	104.6	148.3	206.5	235.7	206.9
95°	355.1	342.5	292.2	241.7	292.2	342.5	355.1	466.3	614.6	688.7	581.6
97.5°	819.8	795.8	699.8	603.9	699.8	795.8	819.8	890.0	983.7	1030.6	852.1
100°	1151.2	1122.6	1008.4	894.1	1008.4	1122.6	1151.2	1146.1	1139.2	1135.8	937.7
102.5°	1434.2	1409.7	1311.8	1214.0	1311.8	1409.7	1434.2	1344.6	1225.2	1165.5	964.6
105°	1764.5	1751.3	1698.7	1646.1	1698.7	1751.3	1764.5	1563.7	1296.0	1162.2	967.7
107.5°	1936.3	1939.5	1952.2	1964.9	1952.2	1939.5	1936.3	1656.2	1282.8	1096.1	924.6
110°	1980.3	1994.0	2048.9	2103.7	2048.9	1994.0	1980.3	1667.2	1249.8	1041.1	886.4



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1952.3	1973.3	2057.4	2141.6	2057.4	1973.3	1952.3	1631.9	1204.7	991.0	853.1
115°	1857.0	1886.2	2002.9	2119.6	2002.9	1886.2	1857.0	1548.3	1136.7	931.0	814.8
117.5°	1725.4	1757.7	1887.2	2016.6	1887.2	1757.7	1725.4	1446.8	1075.4	889.7	790.9
120°	1636.8	1668.2	1794.0	1919.8	1794.0	1668.2	1636.8	1382.3	1042.9	873.2	782.9
122.5°	1548.1	1579.1	1703.2	1827.2	1703.2	1579.1	1548.1	1318.9	1013.3	860.5	778.6
125°	1430.8	1459.4	1573.7	1688.0	1573.7	1459.4	1430.8	1236.1	976.5	846.7	775.1
127.5°	1336.7	1360.8	1457.2	1553.6	1457.2	1360.8	1336.7	1169.5	946.6	835.2	773.2
130°	1277.3	1299.6	1388.6	1477.6	1388.6	1299.6	1277.3	1128.5	930.0	830.8	774.4
132.5°	1226.6	1246.6	1326.3	1406.1	1326.3	1246.6	1226.6	1093.4	915.7	826.9	775.1
135°	1155.0	1172.2	1241.0	1309.7	1241.0	1172.2	1155.0	1043.5	894.7	820.3	774.4
137.5°	1102.2	1116.2	1172.5	1228.8	1172.5	1116.2	1102.2	1007.9	882.1	819.2	779.2
140°	1059.8	1073.0	1125.6	1178.2	1125.6	1073.0	1059.8	978.3	869.7	815.4	780.0
142.5°	1030.1	1041.4	1086.6	1131.9	1086.6	1041.4	1030.1	958.5	863.0	815.4	782.9
145°	985.5	994.0	1028.3	1062.6	1028.3	994.0	985.5	927.0	848.9	809.9	782.9
147.5°	948.0	955.1	983.5	1011.9	983.5	955.1	948.0	901.9	840.6	809.9	788.2
150°	926.5	932.3	955.3	978.3	955.3	932.3	926.5	887.6	835.8	809.9	791.0
152.5°	909.5	913.8	931.2	948.6	931.2	913.8	909.5	876.3	832.0	809.9	792.8
155°	889.2	892.0	903.5	915.0	903.5	892.0	889.2	862.7	827.4	809.9	796.9
157.5°	871.5	873.5	881.6	889.7	881.6	873.5	871.5	851.0	823.5	809.9	800.9
160°	862.7	863.8	868.6	873.2	868.6	863.8	862.7	845.1	821.6	809.9	802.8
162.5°	854.4	855.5	859.9	864.4	859.9	855.5	854.4	839.6	819.8	809.9	804.7
165°	841.8	843.0	847.6	852.2	847.6	843.0	841.8	831.2	817.0	809.9	807.5
167.5°	836.3	836.8	838.7	840.7	838.7	836.8	836.3	829.3	820.0	815.4	813.4
170°	836.3	836.3	836.3	836.3	836.3	836.3	836.3	829.3	820.0	815.4	815.3
172.5°	831.9	831.4	829.7	828.1	829.7	831.4	831.9	826.4	819.0	815.4	815.4
175°	825.8	825.8	825.8	825.8	825.8	825.8	825.8	822.4	817.7	815.4	816.4
177.5°	824.7	824.2	822.3	820.3	822.3	824.2	824.7	821.9	818.3	816.4	817.3
180°	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3176.6	3176.6	3176.6	3176.6	3176.6
2.5°	3137.5	3152.5	3161.5	3173.5	3203.5
5°	3017.2	3074.3	3092.4	3137.5	3191.6
7.5°	2752.8	2927.1	2975.2	3083.4	3167.5
10°	2497.3	2671.6	2755.8	3011.2	3137.5
12.5°	2368.1	2470.3	2527.4	2885.0	3095.4
15°	2287.0	2359.1	2401.2	2716.7	3047.3
17.5°	2223.9	2275.0	2305.0	2551.5	2981.2
20°	2184.8	2208.8	2235.9	2431.3	2906.1
22.5°	2157.8	2142.7	2163.8	2347.1	2803.9
25°	2139.7	2082.6	2106.7	2281.0	2683.7
27.5°	2154.7	2028.5	2037.5	2220.9	2557.4
30°	2157.8	1962.4	1965.4	2157.8	2416.2
32.5°	2136.7	1893.3	1896.3	2079.6	2256.9
35°	2085.6	1812.1	1809.1	1989.5	2040.5
37.5°	2016.5	1725.0	1725.0	1890.3	1803.2
40°	1932.4	1637.8	1646.9	1761.1	1592.8
42.5°	1830.2	1544.7	1556.8	1589.8	1436.5
45°	1719.0	1454.5	1463.5	1343.4	1316.3
47.5°	1595.8	1361.4	1364.4	1115.0	1277.2
50°	1448.5	1265.2	1253.1	955.7	1274.2
52.5°	1319.3	1160.0	1123.9	865.5	1157.0
55°	1193.1	1048.8	970.7	796.4	1072.9
57.5°	1081.9	904.6	829.5	715.3	1054.9
60°	979.7	763.3	706.2	628.1	967.7
62.5°	895.5	658.2	646.1	568.0	877.5
65°	805.4	586.0	583.0	516.9	745.3
67.5°	718.2	538.0	534.9	468.8	568.0
70°	625.1	486.9	480.9	417.7	420.7
72.5°	528.9	429.8	423.8	375.6	348.6
75°	432.7	363.6	360.6	327.6	282.5
77.5°	339.6	288.5	294.5	264.4	207.3
80°	243.4	210.4	216.4	189.3	156.3
82.5°	162.3	138.3	144.2	120.2	105.1
85°	90.1	78.1	81.2	63.1	48.0
87.5°	42.1	36.1	36.1	24.1	15.0
90°	24.2	15.5	14.4	9.9	5.5
92.5°	149.5	106.3	97.0	59.5	22.0
95°	367.5	207.0	189.9	121.4	52.8
97.5°	495.1	227.4	212.3	151.8	91.4
100°	541.6	244.5	230.8	175.9	121.1
102.5°	562.8	261.5	248.7	197.6	146.4
105°	578.6	286.8	276.0	232.7	189.4
107.5°	581.6	324.3	314.2	273.9	233.5
110°	577.1	345.2	336.0	299.6	263.2



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	577.3	370.5	361.8	327.1	292.3
115°	582.6	408.5	400.5	368.4	336.4
117.5°	593.5	445.4	438.1	409.0	379.9
120°	602.2	466.8	460.0	432.5	405.2
122.5°	614.9	492.2	485.3	457.7	430.0
125°	632.0	524.6	518.3	493.2	468.0
127.5°	649.1	556.1	549.7	524.3	498.8
130°	661.6	576.9	570.1	542.7	515.3
132.5°	671.7	594.1	587.2	559.8	532.4
135°	682.7	613.9	607.7	582.6	557.7
137.5°	699.2	639.2	633.0	608.3	583.6
140°	709.2	656.2	650.5	627.8	605.1
142.5°	717.8	668.9	663.7	642.6	621.6
145°	728.8	688.2	683.6	665.3	646.9
147.5°	744.9	712.4	708.0	690.1	672.2
150°	753.3	725.1	721.1	704.9	688.7
152.5°	758.8	733.3	730.3	718.0	705.8
155°	771.0	751.5	749.2	740.1	731.1
157.5°	783.0	769.6	767.4	758.6	749.8
160°	788.5	777.9	776.2	769.4	762.5
162.5°	794.5	786.8	785.4	780.3	775.1
165°	802.8	799.4	798.2	793.5	788.9
167.5°	809.5	806.6	806.0	803.8	801.6
170°	815.0	814.8	814.3	812.1	809.9
172.5°	815.4	815.4	815.3	814.7	814.3
175°	818.6	820.3	820.3	820.3	820.3
177.5°	819.0	820.3	820.3	820.3	820.3
180°	820.3	820.3	820.3	820.3	820.3



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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	15.09	16.06	15.95	16.94	18.05	17.93	18.90	18.79	19.78	20.89
	3H	15.58	16.45	16.45	17.34	18.47	19.29	20.15	20.16	21.04	22.18
	4H	15.77	16.59	16.66	17.49	18.64	19.74	20.56	20.63	21.45	22.60
	6H	15.90	16.65	16.80	17.56	18.72	20.03	20.79	20.93	21.69	22.85
	8H	15.90	16.62	16.81	17.54	18.70	20.11	20.83	21.02	21.75	22.91
	12H	15.88	16.56	16.79	17.48	18.66	20.15	20.84	21.07	21.75	22.94
4H	2H	16.14	16.96	17.03	17.86	19.00	18.35	19.17	19.25	20.07	21.21
	3H	17.18	17.86	18.08	18.79	19.95	19.87	20.55	20.77	21.48	22.64
	4H	17.46	18.08	18.37	19.00	20.19	20.41	21.03	21.32	21.95	23.14
	6H	17.59	18.13	18.52	19.07	20.26	20.78	21.32	21.71	22.26	23.45
	8H	17.60	18.10	18.53	19.04	20.24	20.89	21.39	21.82	22.33	23.53
	12H	17.57	18.02	18.52	18.98	20.19	20.95	21.40	21.90	22.36	23.57
8H	4H	17.92	18.42	18.85	19.37	20.57	20.54	21.04	21.47	21.98	23.18
	6H	18.19	18.60	19.15	19.59	20.79	20.98	21.40	21.94	22.38	23.58
	8H	18.23	18.60	19.20	19.57	20.79	21.14	21.50	22.10	22.48	23.69
	12H	18.22	18.54	19.19	19.51	20.78	21.24	21.56	22.21	22.53	23.80
12H	4H	17.93	18.39	18.88	19.35	20.55	20.51	20.96	21.46	21.92	23.13
	6H	18.25	18.62	19.22	19.59	20.81	20.98	21.35	21.95	22.32	23.54
	8H	18.32	18.64	19.29	19.61	20.88	21.15	21.47	22.12	22.44	23.70