

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: P934846

Luminaire Tested: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-4000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934846
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-92765-1D-UNV-STD-W-8-4000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

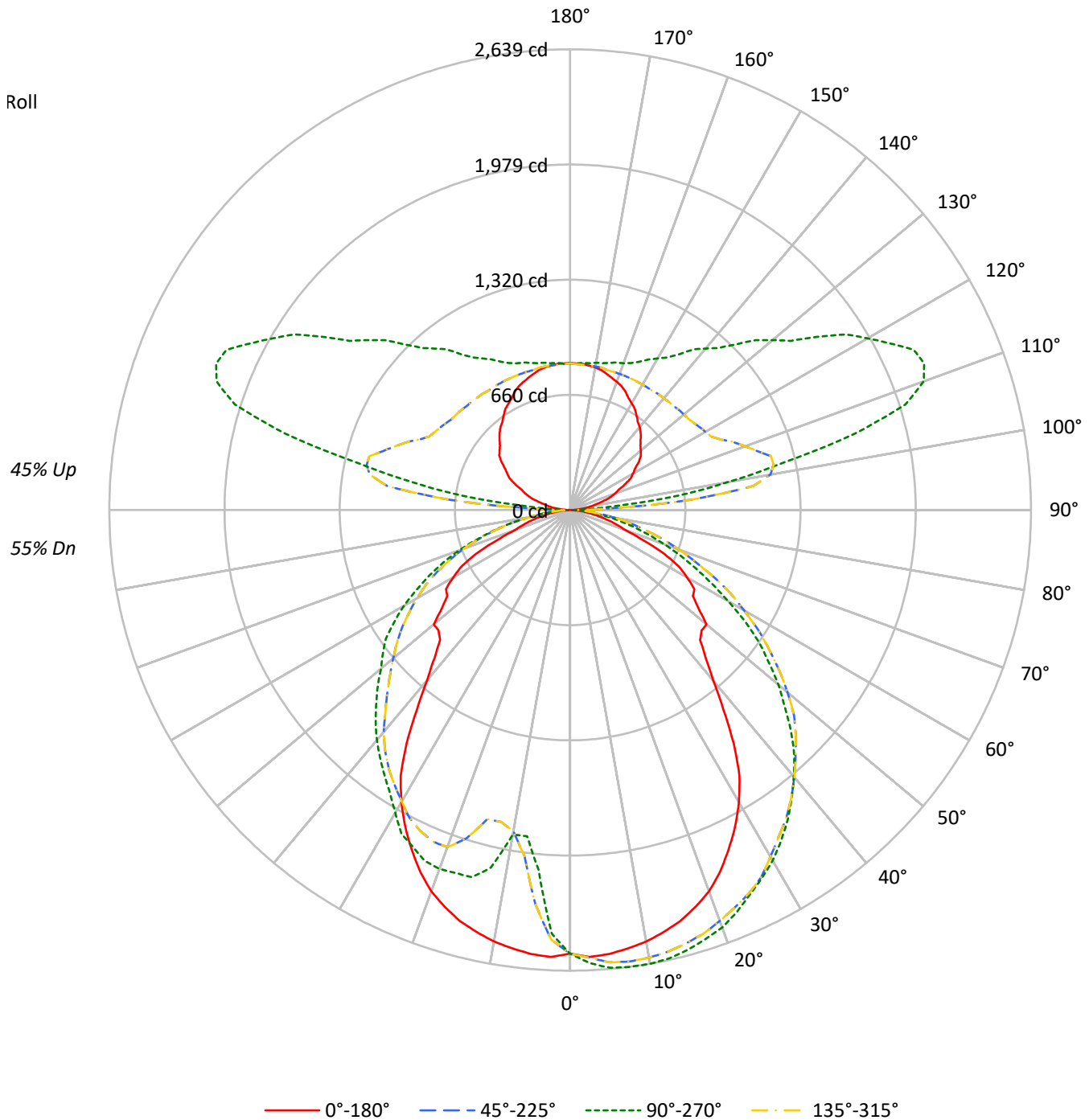
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12038.1 lumens
Efficiency: N/A
Efficacy: 117.6 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°	11788	11788	11788	11788
5°	11876	11899	11876	9357
10°	11796	11721	11796	8380
15°	11668	11467	11668	9576
20°	11424	11167	11424	9596
25°	10925	10728	10925	9392
30°	10279	10364	10279	8946
35°	9164	9903	9164	8455
40°	7635	9361	7635	8084
45°	6823	8725	6823	7658
50°	7249	7968	7249	7231
55°	6820	7152	6820	6983
60°	7030	6074	7030	6396
65°	6373	5022	6373	5613
70°	4413	4002	4413	4705
75°	3871	2958	3871	3542
80°	3119	1955	3119	2130
85°	1793	1035	1793	880

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 10457 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	229.3	1.9
10°-20°	651.2	5.4
20°-30°	1006.6	8.4
30°-40°	1201.6	10.0
40°-50°	1208.7	10.0
50°-60°	1051.7	8.7
60°-70°	745.7	6.2
70°-80°	394.5	3.3
80°-90°	101.5	0.8
90°-100°	409.6	3.4
100°-110°	1076.9	8.9
110°-120°	1116.6	9.3
120°-130°	895.6	7.4
130°-140°	702.8	5.8
140°-150°	539.4	4.5
150°-160°	388.5	3.2
160°-170°	237.7	2.0
170°-180°	80.3	0.7
0°-30°	1887.1	15.7
0°-40°	3088.7	25.7
0°-60°	5349.2	44.4
0°-90°	6590.8	54.7
90°-120°	2603.1	21.6
90°-150°	4740.9	39.4
90°-180°	5447.0	45.2
0°-180°	12038.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2541	2541	2541	2541	2541	
5°	2553	2632	2553	2070	2553	242
15°	2437	2608	2437	2178	2437	686
25°	2146	2433	2146	2130	2146	986
35°	1632	2171	1632	1853	1632	1010
45°	1053	1788	1053	1570	1053	843
55°	858	1320	858	1288	858	789
65°	596	796	596	889	596	570
75°	226	377	226	452	226	238
85°	38	96	38	82	38	52
90°	6	22	6	22	6	6
95°	54	248	54	248	54	60
105°	194	1686	194	1686	194	206
115°	345	2171	345	2171	345	340
125°	479	1729	479	1729	479	426
135°	571	1342	571	1342	571	442
145°	663	1088	663	1088	663	415
155°	749	937	749	937	749	344
165°	808	873	808	873	808	228
175°	840	846	840	846	840	80
180°	840	840	840	840	840	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7
2.5°	2562.4	2562.4	2576.7	2581.5	2581.5	2574.4	2567.2	2574.4	2596.0	2603.2	2600.8
5°	2552.7	2571.9	2598.4	2603.2	2608.0	2605.6	2600.8	2605.6	2629.7	2634.5	2636.9
7.5°	2533.5	2569.5	2603.2	2610.4	2617.7	2610.4	2608.0	2612.8	2636.9	2641.7	2641.7
10°	2509.4	2559.9	2598.4	2603.2	2610.4	2603.2	2603.2	2612.8	2636.9	2641.7	2644.0
12.5°	2475.8	2545.5	2581.5	2586.4	2596.0	2593.6	2591.2	2600.8	2624.8	2629.7	2629.7
15°	2437.4	2519.1	2552.7	2557.5	2574.4	2569.5	2569.5	2579.2	2605.6	2612.8	2610.4
17.5°	2384.4	2485.4	2523.9	2531.1	2543.1	2540.7	2543.1	2552.7	2576.7	2581.5	2584.0
20°	2324.4	2439.7	2485.4	2492.6	2504.7	2504.7	2504.7	2516.7	2540.7	2550.3	2550.3
22.5°	2242.6	2391.7	2439.7	2444.6	2458.9	2458.9	2463.8	2480.6	2502.2	2504.7	2504.7
25°	2146.5	2338.8	2379.6	2394.1	2408.5	2415.7	2422.9	2432.6	2439.7	2437.4	2439.7
27.5°	2045.5	2271.5	2324.4	2333.9	2353.2	2360.4	2370.1	2372.4	2374.9	2382.1	2377.2
30°	1932.5	2177.8	2257.1	2266.7	2297.9	2302.7	2293.1	2297.9	2309.9	2314.8	2319.6
32.5°	1805.2	2038.3	2187.4	2209.0	2237.8	2223.4	2221.0	2228.2	2247.4	2247.4	2252.3
35°	1632.1	1930.2	2122.5	2141.6	2163.3	2146.5	2156.1	2158.5	2170.6	2177.8	2175.3
37.5°	1442.2	1836.4	2055.1	2069.6	2086.4	2064.8	2079.2	2086.4	2096.0	2091.3	2091.3
40°	1273.9	1689.8	1975.8	1985.5	1999.8	1983.0	1997.5	2002.3	2007.1	2002.3	1999.8
42.5°	1149.0	1528.7	1891.7	1903.7	1894.1	1906.1	1911.0	1920.5	1913.3	1903.7	1903.7
45°	1052.8	1485.4	1800.4	1814.8	1800.4	1819.6	1826.8	1826.8	1805.2	1800.4	1798.0
47.5°	1021.6	1398.9	1709.0	1709.0	1701.8	1725.9	1737.9	1721.0	1699.4	1692.2	1692.2
50°	1019.2	1302.8	1584.0	1574.4	1608.1	1636.9	1624.9	1608.1	1591.2	1564.8	1564.8
52.5°	925.5	1185.0	1422.9	1459.1	1511.9	1528.7	1509.5	1492.7	1463.9	1451.9	1442.2
55°	858.2	1062.5	1276.4	1348.4	1403.8	1425.4	1389.3	1372.6	1329.3	1322.1	1317.2
57.5°	843.7	884.5	1141.8	1233.1	1300.4	1298.0	1276.4	1245.1	1209.1	1201.8	1199.4
60°	774.0	639.4	997.5	1105.7	1175.4	1168.2	1149.0	1120.1	1086.5	1081.6	1076.8
62.5°	701.9	463.9	834.0	956.7	1055.2	1052.8	1036.0	992.7	968.7	956.7	947.0
65°	596.1	389.4	593.7	795.7	937.5	942.2	906.2	875.0	848.5	834.0	831.7
67.5°	454.3	317.3	401.4	663.4	824.5	819.7	774.0	759.5	725.9	718.7	704.2
70°	336.5	211.5	278.8	538.4	713.9	701.9	665.9	649.0	617.7	600.9	591.3
72.5°	278.8	170.6	204.3	418.3	600.9	586.5	555.2	536.0	509.6	495.1	485.6
75°	226.0	180.3	156.3	310.1	487.9	478.4	449.5	430.3	408.6	389.4	391.8
77.5°	165.8	168.3	125.0	228.3	387.0	372.6	355.8	331.7	322.1	302.9	302.9
80°	125.0	132.2	93.8	156.3	278.8	278.8	264.4	247.6	230.8	221.1	221.1
82.5°	84.1	84.1	69.7	98.5	189.9	182.7	173.1	168.3	158.6	153.8	153.8
85°	38.5	48.0	43.3	60.1	103.3	108.2	108.2	103.3	101.0	96.1	98.5
87.5°	12.0	21.6	26.5	33.7	52.8	55.3	57.7	57.7	57.7	60.1	60.1
90°	5.6	10.2	14.7	15.8	24.8	36.8	42.8	38.1	28.6	21.5	21.5
92.5°	22.6	60.9	99.3	108.9	153.1	211.9	241.4	211.6	151.9	107.2	102.9
95°	54.1	124.3	194.5	212.0	376.5	595.8	705.5	629.6	477.7	363.8	350.8
97.5°	93.6	155.5	217.5	233.0	507.2	872.9	1055.7	1007.7	911.7	839.8	815.2
100°	124.1	180.2	236.4	250.4	554.8	960.6	1163.4	1167.0	1174.0	1179.3	1150.0
102.5°	150.0	202.4	254.8	267.9	576.5	988.1	1193.9	1255.0	1377.4	1469.2	1444.0
105°	194.0	238.4	282.7	293.8	592.7	991.2	1190.5	1327.6	1601.8	1807.4	1794.0
107.5°	239.1	280.5	321.8	332.2	595.7	947.1	1122.9	1314.1	1696.6	1983.5	1986.7
110°	269.6	306.9	344.2	353.6	591.2	908.0	1066.5	1280.2	1707.8	2028.6	2042.6



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	299.5	335.0	370.6	379.5	591.4	873.9	1015.2	1234.0	1671.6	1999.8	2021.4
115°	344.6	377.4	410.2	418.4	596.8	834.7	953.7	1164.4	1586.0	1902.2	1932.2
117.5°	389.1	419.0	448.8	456.3	608.0	810.2	911.4	1101.6	1482.1	1767.4	1800.5
120°	415.1	443.1	471.2	478.2	616.9	801.9	894.4	1068.3	1415.9	1676.6	1708.8
122.5°	440.4	468.8	497.1	504.2	629.9	797.6	881.4	1038.0	1351.1	1585.9	1617.6
125°	479.4	505.2	531.0	537.4	647.4	794.0	867.3	1000.3	1266.2	1465.7	1495.0
127.5°	510.9	537.0	563.1	569.6	664.9	792.0	855.5	969.7	1198.0	1369.3	1393.9
130°	527.9	555.9	584.0	591.0	677.7	793.3	851.1	952.7	1156.0	1308.4	1331.3
132.5°	545.3	573.4	601.5	608.5	688.0	794.0	847.1	938.0	1120.0	1256.5	1276.9
135°	571.3	596.8	622.5	628.8	699.3	793.3	840.3	916.6	1068.9	1183.2	1200.8
137.5°	597.8	623.1	648.4	654.8	716.2	798.2	839.1	903.5	1032.4	1129.0	1143.4
140°	619.8	643.1	666.4	672.2	726.5	799.0	835.2	890.9	1002.1	1085.7	1099.1
142.5°	636.7	658.3	679.9	685.2	735.3	801.9	835.2	884.1	981.9	1055.2	1066.7
145°	662.7	681.5	700.2	705.0	746.5	801.9	829.6	869.6	949.6	1009.5	1018.2
147.5°	688.6	706.9	725.3	729.8	763.1	807.4	829.6	861.1	923.9	971.1	978.4
150°	705.5	722.1	738.6	742.7	771.6	810.3	829.6	856.2	909.3	949.1	955.0
152.5°	723.0	735.5	748.1	751.2	777.3	812.1	829.6	852.2	897.6	931.7	936.1
155°	748.9	758.2	767.5	769.8	789.7	816.3	829.6	847.6	883.7	910.8	913.7
157.5°	768.1	777.1	786.1	788.4	802.1	820.4	829.6	843.6	871.7	892.7	894.8
160°	781.1	788.1	795.1	796.8	807.8	822.3	829.6	841.6	865.7	883.7	884.9
162.5°	794.0	799.3	804.6	805.9	813.9	824.3	829.6	839.8	860.1	875.3	876.3
165°	808.1	812.9	817.7	818.9	822.4	827.2	829.6	836.9	851.4	862.3	863.5
167.5°	821.1	823.4	825.7	826.2	829.2	833.2	835.2	840.0	849.5	856.7	857.2
170°	829.6	831.9	834.1	834.7	834.9	835.1	835.2	840.0	849.5	856.7	856.7
172.5°	834.1	834.6	835.1	835.2	835.2	835.2	835.2	839.0	846.5	852.1	851.7
175°	840.3	840.3	840.3	840.3	838.6	836.3	835.2	837.6	842.4	846.0	846.0
177.5°	840.3	840.3	840.3	840.3	839.0	837.2	836.3	838.2	842.0	844.8	844.3
180°	840.3	840.3	840.3	840.3	840.3	840.3	840.3	840.3	840.3	840.3	840.3



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7
2.5°	2605.6	2598.4	2605.6	2600.8	2603.2	2596.0	2574.4	2567.2	2574.4	2581.5	2581.5
5°	2636.9	2632.0	2636.9	2636.9	2634.5	2629.7	2605.6	2600.8	2605.6	2608.0	2603.2
7.5°	2646.5	2639.2	2646.5	2641.7	2641.7	2636.9	2612.8	2608.0	2610.4	2617.7	2610.4
10°	2646.5	2639.2	2646.5	2644.0	2641.7	2636.9	2612.8	2603.2	2603.2	2610.4	2603.2
12.5°	2634.5	2629.7	2634.5	2629.7	2629.7	2624.8	2600.8	2591.2	2593.6	2596.0	2586.4
15°	2615.2	2608.0	2615.2	2610.4	2612.8	2605.6	2579.2	2569.5	2569.5	2574.4	2557.5
17.5°	2586.4	2576.7	2586.4	2584.0	2581.5	2576.7	2552.7	2543.1	2540.7	2543.1	2531.1
20°	2552.7	2545.5	2552.7	2550.3	2550.3	2540.7	2516.7	2504.7	2504.7	2504.7	2492.6
22.5°	2499.9	2492.6	2499.9	2504.7	2504.7	2502.2	2480.6	2463.8	2458.9	2458.9	2444.6
25°	2439.7	2432.6	2439.7	2439.7	2437.4	2439.7	2432.6	2422.9	2415.7	2408.5	2394.1
27.5°	2382.1	2377.2	2382.1	2377.2	2382.1	2374.9	2372.4	2370.1	2360.4	2353.2	2333.9
30°	2324.4	2319.6	2324.4	2319.6	2314.8	2309.9	2297.9	2293.1	2302.7	2297.9	2266.7
32.5°	2252.3	2247.4	2252.3	2252.3	2247.4	2247.4	2228.2	2221.0	2223.4	2237.8	2209.0
35°	2177.8	2170.6	2177.8	2175.3	2177.8	2170.6	2158.5	2156.1	2146.5	2163.3	2141.6
37.5°	2091.3	2084.0	2091.3	2091.3	2091.3	2096.0	2086.4	2079.2	2064.8	2086.4	2069.6
40°	2002.3	1992.7	2002.3	1999.8	2002.3	2007.1	2002.3	1997.5	1983.0	1999.8	1985.5
42.5°	1901.3	1899.0	1901.3	1903.7	1903.7	1913.3	1920.5	1911.0	1906.1	1894.1	1903.7
45°	1793.2	1788.3	1793.2	1798.0	1800.4	1805.2	1826.8	1826.8	1819.6	1800.4	1814.8
47.5°	1677.7	1665.7	1677.7	1692.2	1692.2	1699.4	1721.0	1737.9	1725.9	1701.8	1709.0
50°	1555.2	1557.6	1555.2	1564.8	1564.8	1591.2	1608.1	1624.9	1636.9	1608.1	1574.4
52.5°	1435.0	1432.6	1435.0	1442.2	1451.9	1463.9	1492.7	1509.5	1528.7	1511.9	1459.1
55°	1314.8	1319.6	1314.8	1317.2	1322.1	1329.3	1372.6	1389.3	1425.4	1403.8	1348.4
57.5°	1194.6	1187.4	1194.6	1199.4	1201.8	1209.1	1245.1	1276.4	1298.0	1300.4	1233.1
60°	1055.2	1045.6	1055.2	1076.8	1081.6	1086.5	1120.1	1149.0	1168.2	1175.4	1105.7
62.5°	932.7	915.8	932.7	947.0	956.7	968.7	992.7	1036.0	1052.8	1055.2	956.7
65°	802.8	795.7	802.8	831.7	834.0	848.5	875.0	906.2	942.2	937.5	795.7
67.5°	685.0	685.0	685.0	704.2	718.7	725.9	759.5	774.0	819.7	824.5	663.4
70°	576.9	574.5	576.9	591.3	600.9	617.7	649.0	665.9	701.9	713.9	538.4
72.5°	473.6	471.1	473.6	485.6	495.1	509.6	536.0	555.2	586.5	600.9	418.3
75°	382.2	377.4	382.2	391.8	389.4	408.6	430.3	449.5	478.4	487.9	310.1
77.5°	293.3	293.3	293.3	302.9	302.9	322.1	331.7	355.8	372.6	387.0	228.3
80°	218.8	216.3	218.8	221.1	221.1	230.8	247.6	264.4	278.8	278.8	156.3
82.5°	153.8	149.0	153.8	153.8	153.8	158.6	168.3	173.1	182.7	189.9	98.5
85°	96.1	96.1	96.1	98.5	96.1	101.0	103.3	108.2	108.2	103.3	60.1
87.5°	62.5	60.1	62.5	60.1	60.1	57.7	57.7	57.7	55.3	52.8	33.7
90°	21.5	21.5	21.5	21.5	21.5	28.6	38.1	42.8	36.8	24.8	15.8
92.5°	85.9	68.8	85.9	102.9	107.2	151.9	211.6	241.4	211.9	153.1	108.9
95°	299.3	247.6	299.3	350.8	363.8	477.7	629.6	705.5	595.8	376.5	212.0
97.5°	716.9	618.6	716.9	815.2	839.8	911.7	1007.7	1055.7	872.9	507.2	233.0
100°	1033.0	915.9	1033.0	1150.0	1179.3	1174.0	1167.0	1163.4	960.6	554.8	250.4
102.5°	1343.8	1243.6	1343.8	1444.0	1469.2	1377.4	1255.0	1193.9	988.1	576.5	267.9
105°	1740.0	1686.2	1740.0	1794.0	1807.4	1601.8	1327.6	1190.5	991.2	592.7	293.8
107.5°	1999.7	2012.8	1999.7	1986.7	1983.5	1696.6	1314.1	1122.9	947.1	595.7	332.2
110°	2098.8	2154.9	2098.8	2042.6	2028.6	1707.8	1280.2	1066.5	908.0	591.2	353.6



TEST NUMBER: P934846

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2107.5	2193.8	2107.5	2021.4	1999.8	1671.6	1234.0	1015.2	873.9	591.4	379.5
115°	2051.7	2171.2	2051.7	1932.2	1902.2	1586.0	1164.4	953.7	834.7	596.8	418.4
117.5°	1933.2	2065.8	1933.2	1800.5	1767.4	1482.1	1101.6	911.4	810.2	608.0	456.3
120°	1837.7	1966.5	1837.7	1708.8	1676.6	1415.9	1068.3	894.4	801.9	616.9	478.2
122.5°	1744.7	1871.8	1744.7	1617.6	1585.9	1351.1	1038.0	881.4	797.6	629.9	504.2
125°	1612.1	1729.1	1612.1	1495.0	1465.7	1266.2	1000.3	867.3	794.0	647.4	537.4
127.5°	1492.7	1591.5	1492.7	1393.9	1369.3	1198.0	969.7	855.5	792.0	664.9	569.6
130°	1422.4	1513.6	1422.4	1331.3	1308.4	1156.0	952.7	851.1	793.3	677.7	591.0
132.5°	1358.6	1440.3	1358.6	1276.9	1256.5	1120.0	938.0	847.1	794.0	688.0	608.5
135°	1271.2	1341.6	1271.2	1200.8	1183.2	1068.9	916.6	840.3	793.3	699.3	628.8
137.5°	1201.1	1258.8	1201.1	1143.4	1129.0	1032.4	903.5	839.1	798.2	716.2	654.8
140°	1153.1	1206.9	1153.1	1099.1	1085.7	1002.1	890.9	835.2	799.0	726.5	672.2
142.5°	1113.1	1159.5	1113.1	1066.7	1055.2	981.9	884.1	835.2	801.9	735.3	685.2
145°	1053.4	1088.5	1053.4	1018.2	1009.5	949.6	869.6	829.6	801.9	746.5	705.0
147.5°	1007.4	1036.5	1007.4	978.4	971.1	923.9	861.1	829.6	807.4	763.1	729.8
150°	978.6	1002.1	978.6	955.0	949.1	909.3	856.2	829.6	810.3	771.6	742.7
152.5°	953.8	971.7	953.8	936.1	931.7	897.6	852.2	829.6	812.1	777.3	751.2
155°	925.6	937.3	925.6	913.7	910.8	883.7	847.6	829.6	816.3	789.7	769.8
157.5°	903.1	911.4	903.1	894.8	892.7	871.7	843.6	829.6	820.4	802.1	788.4
160°	889.7	894.4	889.7	884.9	883.7	865.7	841.6	829.6	822.3	807.8	796.8
162.5°	880.9	885.4	880.9	876.3	875.3	860.1	839.8	829.6	824.3	813.9	805.9
165°	868.2	873.0	868.2	863.5	862.3	851.4	836.9	829.6	827.2	822.4	818.9
167.5°	859.2	861.2	859.2	857.2	856.7	849.5	840.0	835.2	833.2	829.2	826.2
170°	856.7	856.7	856.7	856.7	856.7	849.5	840.0	835.2	835.1	834.9	834.7
172.5°	850.0	848.2	850.0	851.7	852.1	846.5	839.0	835.2	835.2	835.2	835.2
175°	846.0	846.0	846.0	846.0	846.0	842.4	837.6	835.2	836.3	838.6	840.3
177.5°	842.3	840.3	842.3	844.3	844.8	842.0	838.2	836.3	837.2	839.0	840.3
180°	840.3	840.3	840.3	840.3	840.3	840.3	840.3	840.3	840.3	840.3	840.3



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CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7
2.5°	2576.7	2562.4	2562.4	2538.3	2528.7	2521.5	2509.4	2473.4	2463.8	2454.2	2468.6
5°	2598.4	2571.9	2552.7	2509.4	2473.4	2458.9	2413.3	2326.8	2269.1	2225.8	2201.8
7.5°	2603.2	2569.5	2533.5	2466.2	2379.6	2341.2	2201.8	2043.1	1999.8	1961.5	1937.3
10°	2598.4	2559.9	2509.4	2408.5	2204.1	2136.9	1997.5	1894.1	1867.7	1860.5	1867.7
12.5°	2581.5	2545.5	2475.8	2307.6	2021.5	1975.8	1894.1	1834.0	1829.2	1841.2	1906.1
15°	2552.7	2519.1	2437.4	2172.9	1920.5	1886.9	1829.2	1807.5	1834.0	1918.2	2112.8
17.5°	2523.9	2485.4	2384.4	2040.8	1843.7	1819.6	1778.7	1822.0	1971.0	2084.0	2148.9
20°	2485.4	2439.7	2324.4	1944.6	1788.3	1766.7	1747.5	1942.2	2055.1	2096.0	2132.1
22.5°	2439.7	2391.7	2242.6	1877.3	1730.7	1713.8	1725.9	2009.5	2055.1	2084.0	2115.3
25°	2379.6	2338.8	2146.5	1824.4	1685.0	1665.7	1711.4	2002.3	2028.7	2035.9	2098.4
27.5°	2324.4	2271.5	2045.5	1776.3	1629.7	1622.5	1723.5	1971.0	1990.3	1997.5	2064.8
30°	2257.1	2177.8	1932.5	1725.9	1572.0	1569.6	1725.9	1932.5	1927.8	1947.0	2014.3
32.5°	2187.4	2038.3	1805.2	1663.4	1516.7	1514.4	1709.0	1874.9	1870.0	1896.5	1947.0
35°	2122.5	1930.2	1632.1	1591.2	1447.1	1449.4	1668.2	1807.5	1810.0	1834.0	1865.3
37.5°	2055.1	1836.4	1442.2	1511.9	1379.7	1379.7	1612.9	1745.0	1740.3	1747.5	1790.7
40°	1975.8	1689.8	1273.9	1408.6	1317.2	1310.0	1545.6	1677.7	1660.9	1658.5	1718.7
42.5°	1891.7	1528.7	1149.0	1271.6	1245.1	1235.5	1463.9	1596.0	1564.8	1572.0	1648.9
45°	1800.4	1485.4	1052.8	1074.5	1170.6	1163.4	1374.9	1502.3	1480.7	1499.9	1579.2
47.5°	1709.0	1398.9	1021.6	891.8	1091.3	1088.8	1276.4	1410.9	1398.9	1418.2	1502.3
50°	1584.0	1302.8	1019.2	764.4	1002.3	1012.0	1158.6	1322.1	1322.1	1338.9	1427.8
52.5°	1422.9	1185.0	925.5	692.2	899.0	927.8	1055.2	1245.1	1249.9	1266.8	1346.1
55°	1276.4	1062.5	858.2	637.0	776.4	838.9	954.3	1165.8	1175.4	1192.3	1264.3
57.5°	1141.8	884.5	843.7	572.1	663.4	723.5	865.3	1088.8	1093.7	1108.1	1177.8
60°	997.5	639.4	774.0	502.4	564.9	610.5	783.6	997.5	1014.3	1024.0	1084.1
62.5°	834.0	463.9	701.9	454.3	516.8	526.4	716.3	911.0	932.7	939.8	975.9
65°	593.7	389.4	596.1	413.4	466.3	468.7	644.2	822.0	841.3	853.3	879.7
67.5°	401.4	317.3	454.3	375.0	427.9	430.3	574.5	718.7	745.2	754.7	771.6
70°	278.8	211.5	336.5	334.1	384.6	389.4	499.9	624.9	649.0	656.2	665.9
72.5°	204.3	170.6	278.8	300.5	338.9	343.8	423.1	519.2	543.2	550.4	555.2
75°	156.3	180.3	226.0	262.0	288.4	290.8	346.1	423.1	439.9	444.7	447.1
77.5°	125.0	168.3	165.8	211.5	235.6	230.8	271.6	326.9	341.3	341.3	341.3
80°	93.8	132.2	125.0	151.5	173.1	168.3	194.7	233.1	238.0	242.8	240.3
82.5°	69.7	84.1	84.1	96.1	115.3	110.6	129.8	151.5	151.5	151.5	156.3
85°	43.3	48.0	38.5	50.5	64.9	62.5	72.1	81.7	84.1	84.1	79.3
87.5°	26.5	21.6	12.0	19.2	28.8	28.8	33.7	36.0	33.7	33.7	33.7
90°	14.7	10.2	5.6	10.2	14.7	15.8	24.8	36.8	42.8	38.1	28.6
92.5°	99.3	60.9	22.6	60.9	99.3	108.9	153.1	211.9	241.4	211.6	151.9
95°	194.5	124.3	54.1	124.3	194.5	212.0	376.5	595.8	705.5	629.6	477.7
97.5°	217.5	155.5	93.6	155.5	217.5	233.0	507.2	872.9	1055.7	1007.7	911.7
100°	236.4	180.2	124.1	180.2	236.4	250.4	554.8	960.6	1163.4	1167.0	1174.0
102.5°	254.8	202.4	150.0	202.4	254.8	267.9	576.5	988.1	1193.9	1255.0	1377.4
105°	282.7	238.4	194.0	238.4	282.7	293.8	592.7	991.2	1190.5	1327.6	1601.8
107.5°	321.8	280.5	239.1	280.5	321.8	332.2	595.7	947.1	1122.9	1314.1	1696.6
110°	344.2	306.9	269.6	306.9	344.2	353.6	591.2	908.0	1066.5	1280.2	1707.8



TEST NUMBER: P934846

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	370.6	335.0	299.5	335.0	370.6	379.5	591.4	873.9	1015.2	1234.0	1671.6
115°	410.2	377.4	344.6	377.4	410.2	418.4	596.8	834.7	953.7	1164.4	1586.0
117.5°	448.8	419.0	389.1	419.0	448.8	456.3	608.0	810.2	911.4	1101.6	1482.1
120°	471.2	443.1	415.1	443.1	471.2	478.2	616.9	801.9	894.4	1068.3	1415.9
122.5°	497.1	468.8	440.4	468.8	497.1	504.2	629.9	797.6	881.4	1038.0	1351.1
125°	531.0	505.2	479.4	505.2	531.0	537.4	647.4	794.0	867.3	1000.3	1266.2
127.5°	563.1	537.0	510.9	537.0	563.1	569.6	664.9	792.0	855.5	969.7	1198.0
130°	584.0	555.9	527.9	555.9	584.0	591.0	677.7	793.3	851.1	952.7	1156.0
132.5°	601.5	573.4	545.3	573.4	601.5	608.5	688.0	794.0	847.1	938.0	1120.0
135°	622.5	596.8	571.3	596.8	622.5	628.8	699.3	793.3	840.3	916.6	1068.9
137.5°	648.4	623.1	597.8	623.1	648.4	654.8	716.2	798.2	839.1	903.5	1032.4
140°	666.4	643.1	619.8	643.1	666.4	672.2	726.5	799.0	835.2	890.9	1002.1
142.5°	679.9	658.3	636.7	658.3	679.9	685.2	735.3	801.9	835.2	884.1	981.9
145°	700.2	681.5	662.7	681.5	700.2	705.0	746.5	801.9	829.6	869.6	949.6
147.5°	725.3	706.9	688.6	706.9	725.3	729.8	763.1	807.4	829.6	861.1	923.9
150°	738.6	722.1	705.5	722.1	738.6	742.7	771.6	810.3	829.6	856.2	909.3
152.5°	748.1	735.5	723.0	735.5	748.1	751.2	777.3	812.1	829.6	852.2	897.6
155°	767.5	758.2	748.9	758.2	767.5	769.8	789.7	816.3	829.6	847.6	883.7
157.5°	786.1	777.1	768.1	777.1	786.1	788.4	802.1	820.4	829.6	843.6	871.7
160°	795.1	788.1	781.1	788.1	795.1	796.8	807.8	822.3	829.6	841.6	865.7
162.5°	804.6	799.3	794.0	799.3	804.6	805.9	813.9	824.3	829.6	839.8	860.1
165°	817.7	812.9	808.1	812.9	817.7	818.9	822.4	827.2	829.6	836.9	851.4
167.5°	825.7	823.4	821.1	823.4	825.7	826.2	829.2	833.2	835.2	840.0	849.5
170°	834.1	831.9	829.6	831.9	834.1	834.7	834.9	835.1	835.2	840.0	849.5
172.5°	835.1	834.6	834.1	834.6	835.1	835.2	835.2	835.2	835.2	839.0	846.5
175°	840.3	840.3	840.3	840.3	840.3	840.3	838.6	836.3	835.2	837.6	842.4
177.5°	840.3	840.3	840.3	840.3	840.3	840.3	839.0	837.2	836.3	838.2	842.0
180°	840.3	840.3	840.3	840.3	840.3	840.3	840.3	840.3	840.3	840.3	840.3



TEST NUMBER: P934846

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7
2.5°	2451.7	2444.6	2454.2	2427.7	2454.2	2444.6	2451.7	2468.6	2454.2	2463.8	2473.4
5°	2151.3	2139.3	2100.8	2069.6	2100.8	2139.3	2151.3	2201.8	2225.8	2269.1	2326.8
7.5°	1923.0	1913.3	1903.7	1884.5	1903.7	1913.3	1923.0	1937.3	1961.5	1999.8	2043.1
10°	1872.5	1874.9	1889.3	1886.9	1889.3	1874.9	1872.5	1867.7	1860.5	1867.7	1894.1
12.5°	2002.3	2023.9	2103.3	2098.4	2103.3	2023.9	2002.3	1906.1	1841.2	1829.2	1834.0
15°	2151.3	2158.5	2175.3	2177.8	2175.3	2158.5	2151.3	2112.8	1918.2	1834.0	1807.5
17.5°	2165.8	2168.1	2180.1	2180.1	2180.1	2168.1	2165.8	2148.9	2084.0	1971.0	1822.0
20°	2153.7	2158.5	2182.6	2187.4	2182.6	2158.5	2153.7	2132.1	2096.0	2055.1	1942.2
22.5°	2148.9	2158.5	2177.8	2175.3	2177.8	2158.5	2148.9	2115.3	2084.0	2055.1	2009.5
25°	2124.8	2124.8	2127.3	2129.6	2127.3	2124.8	2124.8	2098.4	2035.9	2028.7	2002.3
27.5°	2074.4	2079.2	2093.6	2091.3	2093.6	2079.2	2074.4	2064.8	1997.5	1990.3	1971.0
30°	2028.7	2023.9	2011.8	2002.3	2011.8	2023.9	2028.7	2014.3	1947.0	1927.8	1932.5
32.5°	1951.8	1939.8	1927.8	1920.5	1927.8	1939.8	1951.8	1947.0	1896.5	1870.0	1874.9
35°	1860.5	1862.8	1860.5	1853.2	1860.5	1862.8	1860.5	1865.3	1834.0	1810.0	1807.5
37.5°	1795.5	1800.4	1798.0	1788.3	1798.0	1800.4	1795.5	1790.7	1747.5	1740.3	1745.0
40°	1728.2	1730.7	1728.2	1721.0	1728.2	1730.7	1728.2	1718.7	1658.5	1660.9	1677.7
42.5°	1663.4	1660.9	1653.7	1648.9	1653.7	1660.9	1663.4	1648.9	1572.0	1564.8	1596.0
45°	1588.9	1591.2	1576.9	1569.6	1576.9	1591.2	1588.9	1579.2	1499.9	1480.7	1502.3
47.5°	1514.4	1514.4	1502.3	1495.1	1502.3	1514.4	1514.4	1502.3	1418.2	1398.9	1410.9
50°	1435.0	1432.6	1415.8	1413.4	1415.8	1432.6	1435.0	1427.8	1338.9	1322.1	1322.1
52.5°	1343.6	1343.6	1346.1	1350.9	1346.1	1343.6	1343.6	1346.1	1266.8	1249.9	1245.1
55°	1264.3	1266.8	1283.6	1288.4	1283.6	1266.8	1264.3	1264.3	1192.3	1175.4	1165.8
57.5°	1182.6	1182.6	1194.6	1194.6	1194.6	1182.6	1182.6	1177.8	1108.1	1093.7	1088.8
60°	1088.8	1093.7	1103.3	1100.9	1103.3	1093.7	1088.8	1084.1	1024.0	1014.3	997.5
62.5°	990.3	995.1	997.5	992.7	997.5	995.1	990.3	975.9	939.8	932.7	911.0
65°	887.0	891.8	894.2	889.4	894.2	891.8	887.0	879.7	853.3	841.3	822.0
67.5°	781.2	778.8	776.4	786.0	776.4	778.8	781.2	771.6	754.7	745.2	718.7
70°	673.0	673.0	670.6	675.4	670.6	673.0	673.0	665.9	656.2	649.0	624.9
72.5°	557.7	555.2	564.9	557.7	564.9	555.2	557.7	555.2	550.4	543.2	519.2
75°	444.7	449.5	444.7	451.9	444.7	449.5	444.7	447.1	444.7	439.9	423.1
77.5°	338.9	343.8	338.9	338.9	338.9	343.8	338.9	341.3	341.3	341.3	326.9
80°	240.3	238.0	238.0	235.6	238.0	238.0	240.3	240.3	242.8	238.0	233.1
82.5°	153.8	151.5	151.5	156.3	151.5	151.5	153.8	156.3	151.5	151.5	151.5
85°	84.1	86.5	81.7	81.7	81.7	86.5	84.1	79.3	84.1	84.1	81.7
87.5°	31.3	28.8	28.8	28.8	28.8	28.8	31.3	33.7	33.7	33.7	36.0
90°	21.5	21.5	21.5	21.5	21.5	21.5	21.5	28.6	38.1	42.8	36.8
92.5°	107.2	102.9	85.9	68.8	85.9	102.9	107.2	151.9	211.6	241.4	211.9
95°	363.8	350.8	299.3	247.6	299.3	350.8	363.8	477.7	629.6	705.5	595.8
97.5°	839.8	815.2	716.9	618.6	716.9	815.2	839.8	911.7	1007.7	1055.7	872.9
100°	1179.3	1150.0	1033.0	915.9	1033.0	1150.0	1179.3	1174.0	1167.0	1163.4	960.6
102.5°	1469.2	1444.0	1343.8	1243.6	1343.8	1444.0	1469.2	1377.4	1255.0	1193.9	988.1
105°	1807.4	1794.0	1740.0	1686.2	1740.0	1794.0	1807.4	1601.8	1327.6	1190.5	991.2
107.5°	1983.5	1986.7	1999.7	2012.8	1999.7	1986.7	1983.5	1696.6	1314.1	1122.9	947.1
110°	2028.6	2042.6	2098.8	2154.9	2098.8	2042.6	2028.6	1707.8	1280.2	1066.5	908.0



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1999.8	2021.4	2107.5	2193.8	2107.5	2021.4	1999.8	1671.6	1234.0	1015.2	873.9
115°	1902.2	1932.2	2051.7	2171.2	2051.7	1932.2	1902.2	1586.0	1164.4	953.7	834.7
117.5°	1767.4	1800.5	1933.2	2065.8	1933.2	1800.5	1767.4	1482.1	1101.6	911.4	810.2
120°	1676.6	1708.8	1837.7	1966.5	1837.7	1708.8	1676.6	1415.9	1068.3	894.4	801.9
122.5°	1585.9	1617.6	1744.7	1871.8	1744.7	1617.6	1585.9	1351.1	1038.0	881.4	797.6
125°	1465.7	1495.0	1612.1	1729.1	1612.1	1495.0	1465.7	1266.2	1000.3	867.3	794.0
127.5°	1369.3	1393.9	1492.7	1591.5	1492.7	1393.9	1369.3	1198.0	969.7	855.5	792.0
130°	1308.4	1331.3	1422.4	1513.6	1422.4	1331.3	1308.4	1156.0	952.7	851.1	793.3
132.5°	1256.5	1276.9	1358.6	1440.3	1358.6	1276.9	1256.5	1120.0	938.0	847.1	794.0
135°	1183.2	1200.8	1271.2	1341.6	1271.2	1200.8	1183.2	1068.9	916.6	840.3	793.3
137.5°	1129.0	1143.4	1201.1	1258.8	1201.1	1143.4	1129.0	1032.4	903.5	839.1	798.2
140°	1085.7	1099.1	1153.1	1206.9	1153.1	1099.1	1085.7	1002.1	890.9	835.2	799.0
142.5°	1055.2	1066.7	1113.1	1159.5	1113.1	1066.7	1055.2	981.9	884.1	835.2	801.9
145°	1009.5	1018.2	1053.4	1088.5	1053.4	1018.2	1009.5	949.6	869.6	829.6	801.9
147.5°	971.1	978.4	1007.4	1036.5	1007.4	978.4	971.1	923.9	861.1	829.6	807.4
150°	949.1	955.0	978.6	1002.1	978.6	955.0	949.1	909.3	856.2	829.6	810.3
152.5°	931.7	936.1	953.8	971.7	953.8	936.1	931.7	897.6	852.2	829.6	812.1
155°	910.8	913.7	925.6	937.3	925.6	913.7	910.8	883.7	847.6	829.6	816.3
157.5°	892.7	894.8	903.1	911.4	903.1	894.8	892.7	871.7	843.6	829.6	820.4
160°	883.7	884.9	889.7	894.4	889.7	884.9	883.7	865.7	841.6	829.6	822.3
162.5°	875.3	876.3	880.9	885.4	880.9	876.3	875.3	860.1	839.8	829.6	824.3
165°	862.3	863.5	868.2	873.0	868.2	863.5	862.3	851.4	836.9	829.6	827.2
167.5°	856.7	857.2	859.2	861.2	859.2	857.2	856.7	849.5	840.0	835.2	833.2
170°	856.7	856.7	856.7	856.7	856.7	856.7	856.7	849.5	840.0	835.2	835.1
172.5°	852.1	851.7	850.0	848.2	850.0	851.7	852.1	846.5	839.0	835.2	835.2
175°	846.0	846.0	846.0	846.0	846.0	846.0	846.0	842.4	837.6	835.2	836.3
177.5°	844.8	844.3	842.3	840.3	842.3	844.3	844.8	842.0	838.2	836.3	837.2
180°	840.3	840.3	840.3	840.3	840.3	840.3	840.3	840.3	840.3	840.3	840.3



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2540.7	2540.7	2540.7	2540.7	2540.7
2.5°	2509.4	2521.5	2528.7	2538.3	2562.4
5°	2413.3	2458.9	2473.4	2509.4	2552.7
7.5°	2201.8	2341.2	2379.6	2466.2	2533.5
10°	1997.5	2136.9	2204.1	2408.5	2509.4
12.5°	1894.1	1975.8	2021.5	2307.6	2475.8
15°	1829.2	1886.9	1920.5	2172.9	2437.4
17.5°	1778.7	1819.6	1843.7	2040.8	2384.4
20°	1747.5	1766.7	1788.3	1944.6	2324.4
22.5°	1725.9	1713.8	1730.7	1877.3	2242.6
25°	1711.4	1665.7	1685.0	1824.4	2146.5
27.5°	1723.5	1622.5	1629.7	1776.3	2045.5
30°	1725.9	1569.6	1572.0	1725.9	1932.5
32.5°	1709.0	1514.4	1516.7	1663.4	1805.2
35°	1668.2	1449.4	1447.1	1591.2	1632.1
37.5°	1612.9	1379.7	1379.7	1511.9	1442.2
40°	1545.6	1310.0	1317.2	1408.6	1273.9
42.5°	1463.9	1235.5	1245.1	1271.6	1149.0
45°	1374.9	1163.4	1170.6	1074.5	1052.8
47.5°	1276.4	1088.8	1091.3	891.8	1021.6
50°	1158.6	1012.0	1002.3	764.4	1019.2
52.5°	1055.2	927.8	899.0	692.2	925.5
55°	954.3	838.9	776.4	637.0	858.2
57.5°	865.3	723.5	663.4	572.1	843.7
60°	783.6	610.5	564.9	502.4	774.0
62.5°	716.3	526.4	516.8	454.3	701.9
65°	644.2	468.7	466.3	413.4	596.1
67.5°	574.5	430.3	427.9	375.0	454.3
70°	499.9	389.4	384.6	334.1	336.5
72.5°	423.1	343.8	338.9	300.5	278.8
75°	346.1	290.8	288.4	262.0	226.0
77.5°	271.6	230.8	235.6	211.5	165.8
80°	194.7	168.3	173.1	151.5	125.0
82.5°	129.8	110.6	115.3	96.1	84.1
85°	72.1	62.5	64.9	50.5	38.5
87.5°	33.7	28.8	28.8	19.2	12.0
90°	24.8	15.8	14.7	10.2	5.6
92.5°	153.1	108.9	99.3	60.9	22.6
95°	376.5	212.0	194.5	124.3	54.1
97.5°	507.2	233.0	217.5	155.5	93.6
100°	554.8	250.4	236.4	180.2	124.1
102.5°	576.5	267.9	254.8	202.4	150.0
105°	592.7	293.8	282.7	238.4	194.0
107.5°	595.7	332.2	321.8	280.5	239.1
110°	591.2	353.6	344.2	306.9	269.6



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	591.4	379.5	370.6	335.0	299.5
115°	596.8	418.4	410.2	377.4	344.6
117.5°	608.0	456.3	448.8	419.0	389.1
120°	616.9	478.2	471.2	443.1	415.1
122.5°	629.9	504.2	497.1	468.8	440.4
125°	647.4	537.4	531.0	505.2	479.4
127.5°	664.9	569.6	563.1	537.0	510.9
130°	677.7	591.0	584.0	555.9	527.9
132.5°	688.0	608.5	601.5	573.4	545.3
135°	699.3	628.8	622.5	596.8	571.3
137.5°	716.2	654.8	648.4	623.1	597.8
140°	726.5	672.2	666.4	643.1	619.8
142.5°	735.3	685.2	679.9	658.3	636.7
145°	746.5	705.0	700.2	681.5	662.7
147.5°	763.1	729.8	725.3	706.9	688.6
150°	771.6	742.7	738.6	722.1	705.5
152.5°	777.3	751.2	748.1	735.5	723.0
155°	789.7	769.8	767.5	758.2	748.9
157.5°	802.1	788.4	786.1	777.1	768.1
160°	807.8	796.8	795.1	788.1	781.1
162.5°	813.9	805.9	804.6	799.3	794.0
165°	822.4	818.9	817.7	812.9	808.1
167.5°	829.2	826.2	825.7	823.4	821.1
170°	834.9	834.7	834.1	831.9	829.6
172.5°	835.2	835.2	835.1	834.6	834.1
175°	838.6	840.3	840.3	840.3	840.3
177.5°	839.0	840.3	840.3	840.3	840.3
180°	840.3	840.3	840.3	840.3	840.3



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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	13.81	14.71	14.72	15.65	16.85	16.64	17.55	17.56	18.48	19.69
	3H	14.29	15.10	15.21	16.04	17.27	18.00	18.81	18.92	19.75	20.98
	4H	14.48	15.25	15.42	16.20	17.43	18.44	19.21	19.39	20.16	21.39
	6H	14.60	15.31	15.56	16.26	17.51	18.73	19.44	19.69	20.39	21.64
	8H	14.60	15.28	15.56	16.25	17.49	18.81	19.48	19.77	20.45	21.70
	12H	14.58	15.22	15.54	16.18	17.45	18.85	19.49	19.82	20.46	21.73
4H	2H	14.85	15.61	15.79	16.56	17.80	17.06	17.83	18.01	18.77	20.01
	3H	15.88	16.52	16.84	17.50	18.75	18.57	19.21	19.53	20.19	21.44
	4H	16.16	16.74	17.12	17.71	18.99	19.10	19.69	20.07	20.66	21.93
	6H	16.28	16.79	17.26	17.78	19.06	19.47	19.98	20.45	20.97	22.24
	8H	16.29	16.76	17.27	17.75	19.04	19.58	20.05	20.56	21.04	22.33
	12H	16.26	16.68	17.26	17.69	18.98	19.64	20.07	20.64	21.07	22.36
8H	4H	16.61	17.08	17.60	18.07	19.36	19.23	19.70	20.21	20.69	21.98
	6H	16.88	17.27	17.88	18.30	19.58	19.67	20.06	20.68	21.09	22.38
	8H	16.92	17.26	17.94	18.28	19.59	19.82	20.17	20.84	21.19	22.49
	12H	16.91	17.21	17.93	18.22	19.57	19.93	20.23	20.95	21.24	22.59
12H	4H	16.62	17.05	17.62	18.05	19.35	19.20	19.62	20.20	20.63	21.92
	6H	16.94	17.28	17.95	18.30	19.60	19.67	20.01	20.68	21.03	22.33
	8H	17.01	17.31	18.03	18.32	19.67	19.83	20.13	20.85	21.15	22.50