

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: P935739

Luminaire Tested: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935739
REPORT IS A COMBINATION OF REPORTS P933767 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

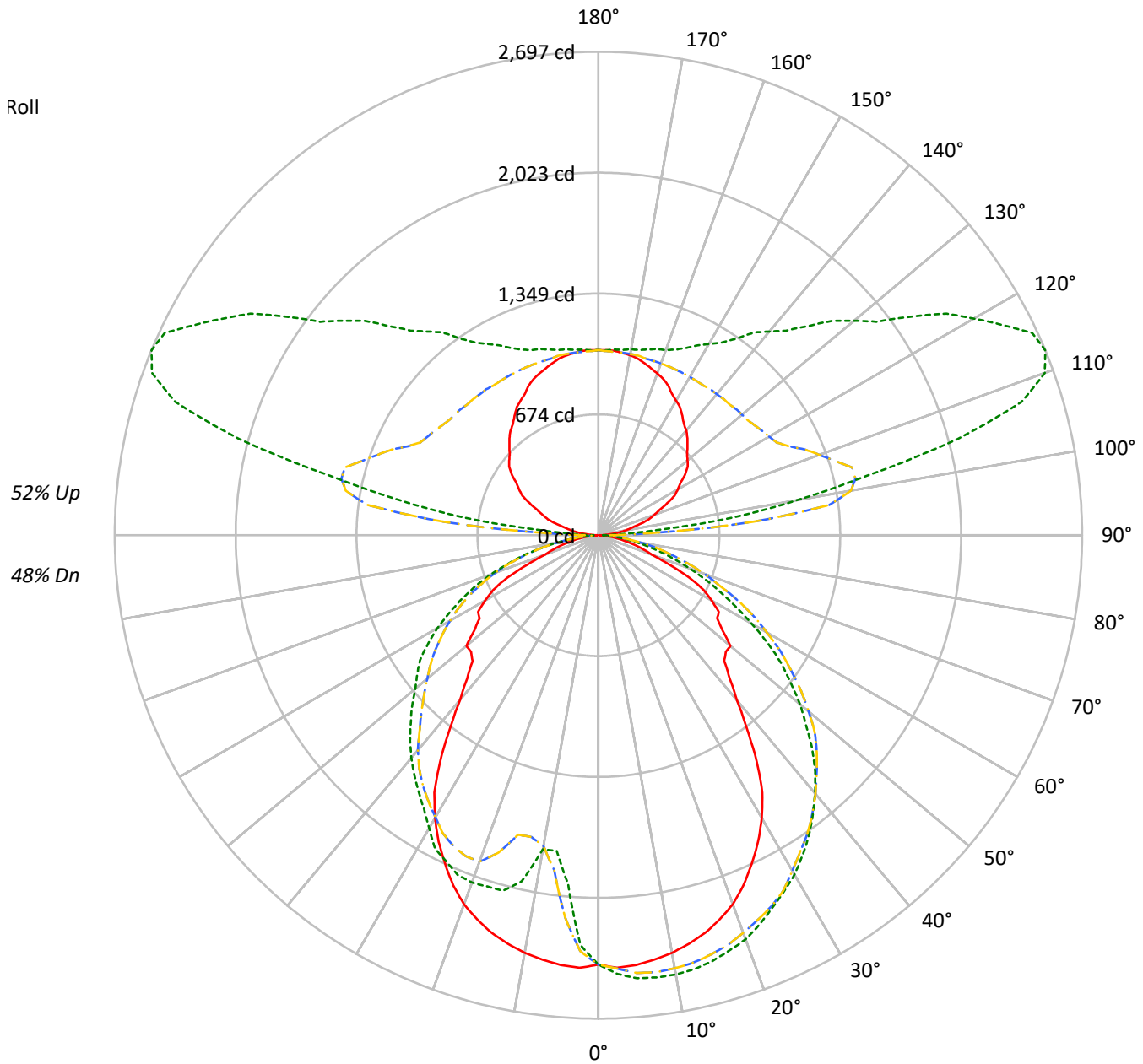
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12909.0 lumens
Efficiency: N/A
Efficacy: 114.4 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 112.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10		0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48	48	48
1	97	93	89	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41	41	41
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	41	39	34	34	34
3	81	71	64	58	74	66	60	55	56	51	47	46	43	40	38	35	33	29	29	29
4	74	63	55	49	68	59	52	46	50	44	40	41	37	34	34	31	28	25	25	25
5	68	56	48	42	62	52	45	40	44	39	35	37	33	30	30	27	25	21	21	21
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19	19	19
7	58	45	38	32	53	42	35	30	36	31	26	30	26	23	25	22	19	17	17	17
8	54	41	34	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15	15	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	16	13	13	13
10	47	34	27	22	43	32	26	21	28	22	19	24	19	16	20	16	14	12	12	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14814	14814	14814	14814
5°	14920	14954	14920	11758
10°	14814	14730	14814	10531
15°	14647	14412	14647	12034
20°	14335	14034	14335	12059
25°	13703	13482	13703	11803
30°	12887	13024	12887	11243
35°	11483	12445	11483	10626
40°	9563	11764	9563	10160
45°	8539	10965	8539	9624
50°	9065	10014	9065	9086
55°	8520	8988	8520	8775
60°	8772	7634	8772	8038
65°	7941	6310	7941	7054
70°	5484	5029	5484	5913
75°	4793	3718	4793	4452
80°	3834	2458	3834	2676
85°	2158	1301	2158	1106

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13096 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	216.2	1.7
10°-20°	613.7	4.8
20°-30°	948.8	7.3
30°-40°	1132.6	8.8
40°-50°	1139.2	8.8
50°-60°	991.3	7.7
60°-70°	702.8	5.4
70°-80°	371.8	2.9
80°-90°	96.5	0.7
90°-100°	503.5	3.9
100°-110°	1323.7	10.3
110°-120°	1372.6	10.6
120°-130°	1101.0	8.5
130°-140°	863.9	6.7
140°-150°	663.1	5.1
150°-160°	477.5	3.7
160°-170°	292.2	2.3
170°-180°	98.7	0.8
0°-30°	1778.7	13.8
0°-40°	2911.3	22.6
0°-60°	5041.8	39.1
0°-90°	6213.0	48.1
90°-120°	3199.8	24.8
90°-150°	5827.7	45.1
90°-180°	6696.0	51.9
0°-180°	12909.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2395	2395	2395	2395	2395	
5°	2406	2481	2406	1951	2406	228
15°	2297	2458	2297	2053	2297	646
25°	2023	2293	2023	2007	2023	929
35°	1538	2046	1538	1747	1538	952
45°	992	1686	992	1479	992	795
55°	809	1244	809	1214	809	743
65°	562	750	562	838	562	537
75°	213	356	213	426	213	224
85°	36	91	36	77	36	49
90°	7	26	7	26	7	7
95°	67	304	67	304	67	74
105°	238	2073	238	2073	238	253
115°	424	2669	424	2669	424	418
125°	589	2126	589	2126	589	523
135°	702	1649	702	1649	702	543
145°	814	1338	814	1338	814	510
155°	921	1152	921	1152	921	423
165°	993	1073	993	1073	993	280
175°	1033	1040	1033	1040	1033	98
180°	1033	1033	1033	1033	1033	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7
2.5°	2415.1	2415.1	2428.7	2433.2	2433.2	2426.4	2419.6	2426.4	2446.8	2453.6	2451.3
5°	2406.1	2424.2	2449.1	2453.6	2458.2	2455.9	2451.3	2455.9	2478.5	2483.1	2485.3
7.5°	2387.9	2421.9	2453.6	2460.4	2467.2	2460.4	2458.2	2462.6	2485.3	2489.9	2489.9
10°	2365.3	2412.8	2449.1	2453.6	2460.4	2453.6	2453.6	2462.6	2485.3	2489.9	2492.1
12.5°	2333.6	2399.3	2433.2	2437.7	2446.8	2444.5	2442.3	2451.3	2474.0	2478.5	2478.5
15°	2297.3	2374.3	2406.1	2410.6	2426.4	2421.9	2421.9	2431.0	2455.9	2462.6	2460.4
17.5°	2247.4	2342.6	2378.8	2385.6	2397.0	2394.7	2397.0	2406.1	2428.7	2433.2	2435.5
20°	2190.8	2299.6	2342.6	2349.4	2360.7	2360.7	2360.7	2372.0	2394.7	2403.7	2403.7
22.5°	2113.8	2254.2	2299.6	2304.1	2317.7	2317.7	2322.2	2338.0	2358.5	2360.7	2360.7
25°	2023.1	2204.4	2242.9	2256.5	2270.1	2276.9	2283.7	2292.8	2299.6	2297.3	2299.6
27.5°	1928.0	2140.9	2190.8	2199.9	2218.0	2224.8	2233.9	2236.1	2238.4	2245.2	2240.7
30°	1821.5	2052.6	2127.4	2136.4	2165.9	2170.4	2161.4	2165.9	2177.2	2181.7	2186.3
32.5°	1701.4	1921.2	2061.7	2082.0	2109.3	2095.7	2093.4	2100.2	2118.3	2118.3	2122.8
35°	1538.3	1819.2	2000.5	2018.7	2039.0	2023.1	2032.2	2034.5	2045.8	2052.6	2050.3
37.5°	1359.4	1730.9	1937.1	1950.6	1966.5	1946.1	1959.7	1966.5	1975.5	1971.1	1971.1
40°	1200.8	1592.7	1862.3	1871.4	1884.9	1869.1	1882.7	1887.3	1891.7	1887.3	1884.9
42.5°	1082.9	1440.9	1783.0	1794.3	1785.2	1796.6	1801.1	1810.2	1803.4	1794.3	1794.3
45°	992.3	1400.2	1696.9	1710.5	1696.9	1715.1	1721.9	1721.9	1701.4	1696.9	1694.6
47.5°	962.9	1318.6	1610.8	1610.8	1604.0	1626.7	1638.0	1622.2	1601.7	1594.9	1594.9
50°	960.6	1228.0	1493.0	1484.0	1515.7	1542.9	1531.6	1515.7	1499.8	1474.9	1474.9
52.5°	872.3	1116.9	1341.3	1375.2	1425.1	1440.9	1422.7	1406.9	1379.7	1368.4	1359.4
55°	808.8	1001.3	1203.0	1271.0	1323.1	1343.5	1309.5	1293.7	1252.9	1246.1	1241.5
57.5°	795.2	833.7	1076.1	1162.3	1225.7	1223.4	1203.0	1173.5	1139.6	1132.8	1130.5
60°	729.5	602.6	940.2	1042.1	1107.8	1101.0	1082.9	1055.8	1024.0	1019.6	1015.0
62.5°	661.5	437.3	786.1	901.7	994.6	992.3	976.4	935.6	913.1	901.7	892.6
65°	561.9	367.0	559.6	749.9	883.6	888.1	854.1	824.7	799.8	786.1	783.9
67.5°	428.2	299.0	378.4	625.3	777.1	772.6	729.5	715.9	684.2	677.4	663.8
70°	317.1	199.4	262.8	507.5	672.9	661.5	627.6	611.7	582.3	566.4	557.4
72.5°	262.8	160.9	192.5	394.2	566.4	552.8	523.3	505.2	480.3	466.8	457.6
75°	213.0	170.0	147.3	292.2	459.9	450.9	423.6	405.5	385.2	367.0	369.3
77.5°	156.3	158.6	117.8	215.2	364.7	351.2	335.3	312.7	303.6	285.5	285.5
80°	117.8	124.6	88.4	147.3	262.8	262.8	249.2	233.3	217.5	208.4	208.4
82.5°	79.3	79.3	65.7	92.9	179.0	172.2	163.1	158.6	149.5	145.0	145.0
85°	36.2	45.3	40.8	56.7	97.4	101.9	101.9	97.4	95.2	90.6	92.9
87.5°	11.3	20.4	24.9	31.7	49.8	52.1	54.4	54.4	54.4	56.7	56.7
90°	7.0	12.5	18.0	19.4	30.4	45.3	52.7	46.8	35.1	26.3	26.3
92.5°	27.8	74.9	122.0	133.8	188.1	260.5	296.7	260.0	186.7	131.8	126.5
95°	66.6	152.8	239.0	260.6	462.8	732.5	867.3	773.9	587.2	447.1	431.2
97.5°	115.1	191.1	267.3	286.3	623.4	1073.0	1297.8	1238.8	1120.8	1032.2	1002.1
100°	152.5	221.5	290.5	307.8	681.9	1180.8	1430.2	1434.4	1443.1	1449.5	1413.6
102.5°	184.4	248.8	313.2	329.3	708.7	1214.6	1467.6	1542.7	1693.1	1805.9	1775.1
105°	238.5	293.0	347.5	361.2	728.6	1218.5	1463.5	1632.0	1969.0	2221.8	2205.2
107.5°	293.9	344.7	395.6	408.3	732.3	1164.2	1380.3	1615.4	2085.5	2438.1	2442.1
110°	331.3	377.2	423.1	434.6	726.7	1116.1	1310.9	1573.7	2099.4	2493.6	2510.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	368.1	411.9	455.6	466.6	726.9	1074.2	1247.8	1516.7	2054.7	2458.2	2484.7
115°	423.5	463.9	504.3	514.4	733.7	1026.1	1172.3	1431.4	1949.7	2338.3	2375.1
117.5°	478.4	515.0	551.6	560.8	747.3	995.9	1120.2	1354.1	1821.8	2172.6	2213.3
120°	510.2	544.8	579.2	587.9	758.4	985.7	1099.4	1313.1	1740.4	2061.0	2100.6
122.5°	541.5	576.3	611.1	619.7	774.3	980.5	1083.6	1276.0	1660.8	1949.4	1988.4
125°	589.2	621.0	652.7	660.6	795.9	976.1	1066.2	1229.7	1556.6	1801.8	1837.7
127.5°	628.0	660.1	692.1	700.2	817.4	973.6	1051.7	1192.0	1472.7	1683.2	1713.6
130°	648.8	683.4	717.8	726.5	833.0	975.0	1046.1	1171.0	1420.9	1608.3	1636.4
132.5°	670.4	704.9	739.4	748.0	845.8	976.1	1041.2	1153.1	1376.8	1544.5	1569.6
135°	702.2	733.6	765.1	772.9	859.6	975.2	1032.9	1126.6	1313.9	1454.4	1476.0
137.5°	734.8	766.0	797.1	804.9	880.4	981.2	1031.5	1110.7	1269.0	1387.8	1405.5
140°	761.9	790.5	819.2	826.3	893.1	982.1	1026.7	1095.1	1231.9	1334.5	1351.1
142.5°	782.6	809.2	835.7	842.3	903.8	985.7	1026.7	1086.8	1206.9	1297.1	1311.3
145°	814.5	837.6	860.8	866.6	917.6	985.7	1019.7	1068.9	1167.2	1240.9	1251.7
147.5°	846.5	869.0	891.5	897.1	938.0	992.5	1019.7	1058.4	1135.8	1193.8	1202.7
150°	867.3	887.6	907.9	913.0	948.6	996.0	1019.7	1052.4	1117.7	1166.7	1174.0
152.5°	888.7	904.1	919.6	923.4	955.5	998.3	1019.7	1047.6	1103.4	1145.2	1150.7
155°	920.6	932.1	943.4	946.3	970.7	1003.4	1019.7	1042.0	1086.3	1119.6	1123.3
157.5°	944.2	955.3	966.4	969.1	986.0	1008.5	1019.7	1037.0	1071.5	1097.4	1099.9
160°	960.1	968.8	977.4	979.6	993.0	1010.8	1019.7	1034.5	1064.1	1086.3	1087.7
162.5°	976.1	982.5	989.0	990.6	1000.4	1013.3	1019.7	1032.2	1057.1	1075.9	1077.3
165°	993.4	999.3	1005.2	1006.6	1011.0	1016.8	1019.7	1028.7	1046.6	1060.0	1061.4
167.5°	1009.4	1012.1	1014.9	1015.6	1019.3	1024.2	1026.7	1032.6	1044.3	1053.0	1053.6
170°	1019.7	1022.5	1025.3	1026.0	1026.2	1026.5	1026.7	1032.6	1044.3	1053.0	1053.0
172.5°	1025.3	1025.9	1026.5	1026.7	1026.7	1026.7	1026.7	1031.3	1040.5	1047.5	1047.0
175°	1032.9	1032.9	1032.9	1032.9	1030.9	1028.1	1026.7	1029.6	1035.5	1039.9	1039.9
177.5°	1032.9	1032.9	1032.9	1032.9	1031.3	1029.1	1028.0	1030.4	1035.0	1038.5	1037.8
180°	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7
2.5°	2455.9	2449.1	2455.9	2451.3	2453.6	2446.8	2426.4	2419.6	2426.4	2433.2	2433.2
5°	2485.3	2480.8	2485.3	2485.3	2483.1	2478.5	2455.9	2451.3	2455.9	2458.2	2453.6
7.5°	2494.4	2487.6	2494.4	2489.9	2489.9	2485.3	2462.6	2458.2	2460.4	2467.2	2460.4
10°	2494.4	2487.6	2494.4	2492.1	2489.9	2485.3	2462.6	2453.6	2453.6	2460.4	2453.6
12.5°	2483.1	2478.5	2483.1	2478.5	2478.5	2474.0	2451.3	2442.3	2444.5	2446.8	2437.7
15°	2465.0	2458.2	2465.0	2460.4	2462.6	2455.9	2431.0	2421.9	2421.9	2426.4	2410.6
17.5°	2437.7	2428.7	2437.7	2435.5	2433.2	2428.7	2406.1	2397.0	2394.7	2397.0	2385.6
20°	2406.1	2399.3	2406.1	2403.7	2403.7	2394.7	2372.0	2360.7	2360.7	2360.7	2349.4
22.5°	2356.2	2349.4	2356.2	2360.7	2360.7	2358.5	2338.0	2322.2	2317.7	2317.7	2304.1
25°	2299.6	2292.8	2299.6	2299.6	2297.3	2299.6	2292.8	2283.7	2276.9	2270.1	2256.5
27.5°	2245.2	2240.7	2245.2	2240.7	2245.2	2238.4	2236.1	2233.9	2224.8	2218.0	2199.9
30°	2190.8	2186.3	2190.8	2186.3	2181.7	2177.2	2165.9	2161.4	2170.4	2165.9	2136.4
32.5°	2122.8	2118.3	2122.8	2122.8	2118.3	2118.3	2100.2	2093.4	2095.7	2109.3	2082.0
35°	2052.6	2045.8	2052.6	2050.3	2052.6	2045.8	2034.5	2032.2	2023.1	2039.0	2018.7
37.5°	1971.1	1964.2	1971.1	1971.1	1971.1	1975.5	1966.5	1959.7	1946.1	1966.5	1950.6
40°	1887.3	1878.2	1887.3	1884.9	1887.3	1891.7	1887.3	1882.7	1869.1	1884.9	1871.4
42.5°	1792.1	1789.8	1792.1	1794.3	1794.3	1803.4	1810.2	1801.1	1796.6	1785.2	1794.3
45°	1690.1	1685.6	1690.1	1694.6	1696.9	1701.4	1721.9	1721.9	1715.1	1696.9	1710.5
47.5°	1581.4	1570.0	1581.4	1594.9	1594.9	1601.7	1622.2	1638.0	1626.7	1604.0	1610.8
50°	1465.9	1468.1	1465.9	1474.9	1474.9	1499.8	1515.7	1531.6	1542.9	1515.7	1484.0
52.5°	1352.6	1350.3	1352.6	1359.4	1368.4	1379.7	1406.9	1422.7	1440.9	1425.1	1375.2
55°	1239.2	1243.8	1239.2	1241.5	1246.1	1252.9	1293.7	1309.5	1343.5	1323.1	1271.0
57.5°	1126.0	1119.2	1126.0	1130.5	1132.8	1139.6	1173.5	1203.0	1223.4	1225.7	1162.3
60°	994.6	985.5	994.6	1015.0	1019.6	1024.0	1055.8	1082.9	1101.0	1107.8	1042.1
62.5°	879.1	863.2	879.1	892.6	901.7	913.1	935.6	976.4	992.3	994.6	901.7
65°	756.7	749.9	756.7	783.9	786.1	799.8	824.7	854.1	888.1	883.6	749.9
67.5°	645.7	645.7	645.7	663.8	677.4	684.2	715.9	729.5	772.6	777.1	625.3
70°	543.7	541.5	543.7	557.4	566.4	582.3	611.7	627.6	661.5	672.9	507.5
72.5°	446.3	444.1	446.3	457.6	466.8	480.3	505.2	523.3	552.8	566.4	394.2
75°	360.3	355.7	360.3	369.3	367.0	385.2	405.5	423.6	450.9	459.9	292.2
77.5°	276.4	276.4	276.4	285.5	285.5	303.6	312.7	335.3	351.2	364.7	215.2
80°	206.2	203.9	206.2	208.4	208.4	217.5	233.3	249.2	262.8	262.8	147.3
82.5°	145.0	140.5	145.0	145.0	145.0	149.5	158.6	163.1	172.2	179.0	92.9
85°	90.6	90.6	90.6	92.9	90.6	95.2	97.4	101.9	101.9	97.4	56.7
87.5°	58.9	56.7	58.9	56.7	56.7	54.4	54.4	54.4	52.1	49.8	31.7
90°	26.3	26.3	26.3	26.3	26.3	35.1	46.8	52.7	45.3	30.4	19.4
92.5°	105.5	84.5	105.5	126.5	131.8	186.7	260.0	296.7	260.5	188.1	133.8
95°	367.8	304.3	367.8	431.2	447.1	587.2	773.9	867.3	732.5	462.8	260.6
97.5°	881.3	760.5	881.3	1002.1	1032.2	1120.8	1238.8	1297.8	1073.0	623.4	286.3
100°	1269.8	1125.9	1269.8	1413.6	1449.5	1443.1	1434.4	1430.2	1180.8	681.9	307.8
102.5°	1651.8	1528.6	1651.8	1775.1	1805.9	1693.1	1542.7	1467.6	1214.6	708.7	329.3
105°	2139.0	2072.8	2139.0	2205.2	2221.8	1969.0	1632.0	1463.5	1218.5	728.6	361.2
107.5°	2458.1	2474.2	2458.1	2442.1	2438.1	2085.5	1615.4	1380.3	1164.2	732.3	408.3
110°	2579.9	2648.8	2579.9	2510.9	2493.6	2099.4	1573.7	1310.9	1116.1	726.7	434.6



TEST NUMBER: P935739

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2590.7	2696.7	2590.7	2484.7	2458.2	2054.7	1516.7	1247.8	1074.2	726.9	466.6
115°	2522.0	2668.9	2522.0	2375.1	2338.3	1949.7	1431.4	1172.3	1026.1	733.7	514.4
117.5°	2376.3	2539.3	2376.3	2213.3	2172.6	1821.8	1354.1	1120.2	995.9	747.3	560.8
120°	2259.0	2417.3	2259.0	2100.6	2061.0	1740.4	1313.1	1099.4	985.7	758.4	587.9
122.5°	2144.6	2300.8	2144.6	1988.4	1949.4	1660.8	1276.0	1083.6	980.5	774.3	619.7
125°	1981.6	2125.5	1981.6	1837.7	1801.8	1556.6	1229.7	1066.2	976.1	795.9	660.6
127.5°	1835.0	1956.4	1835.0	1713.6	1683.2	1472.7	1192.0	1051.7	973.6	817.4	700.2
130°	1748.6	1860.7	1748.6	1636.4	1608.3	1420.9	1171.0	1046.1	975.0	833.0	726.5
132.5°	1670.1	1770.5	1670.1	1569.6	1544.5	1376.8	1153.1	1041.2	976.1	845.8	748.0
135°	1562.6	1649.2	1562.6	1476.0	1454.4	1313.9	1126.6	1032.9	975.2	859.6	772.9
137.5°	1476.4	1547.3	1476.4	1405.5	1387.8	1269.0	1110.7	1031.5	981.2	880.4	804.9
140°	1417.3	1483.5	1417.3	1351.1	1334.5	1231.9	1095.1	1026.7	982.1	893.1	826.3
142.5°	1368.3	1425.3	1368.3	1311.3	1297.1	1206.9	1086.8	1026.7	985.7	903.8	842.3
145°	1294.8	1337.9	1294.8	1251.7	1240.9	1167.2	1068.9	1019.7	985.7	917.6	866.6
147.5°	1238.5	1274.2	1238.5	1202.7	1193.8	1135.8	1058.4	1019.7	992.5	938.0	897.1
150°	1203.0	1231.9	1203.0	1174.0	1166.7	1117.7	1052.4	1019.7	996.0	948.6	913.0
152.5°	1172.5	1194.4	1172.5	1150.7	1145.2	1103.4	1047.6	1019.7	998.3	955.5	923.4
155°	1137.7	1152.2	1137.7	1123.3	1119.6	1086.3	1042.0	1019.7	1003.4	970.7	946.3
157.5°	1110.1	1120.2	1110.1	1099.9	1097.4	1071.5	1037.0	1019.7	1008.5	986.0	969.1
160°	1093.6	1099.4	1093.6	1087.7	1086.3	1064.1	1034.5	1019.7	1010.8	993.0	979.6
162.5°	1082.8	1088.4	1082.8	1077.3	1075.9	1057.1	1032.2	1019.7	1013.3	1000.4	990.6
165°	1067.3	1073.1	1067.3	1061.4	1060.0	1046.6	1028.7	1019.7	1016.8	1011.0	1006.6
167.5°	1056.1	1058.6	1056.1	1053.6	1053.0	1044.3	1032.6	1026.7	1024.2	1019.3	1015.6
170°	1053.0	1053.0	1053.0	1053.0	1053.0	1044.3	1032.6	1026.7	1026.5	1026.2	1026.0
172.5°	1044.8	1042.7	1044.8	1047.0	1047.5	1040.5	1031.3	1026.7	1026.7	1026.7	1026.7
175°	1039.9	1039.9	1039.9	1039.9	1039.9	1035.5	1029.6	1026.7	1028.1	1030.9	1032.9
177.5°	1035.4	1032.9	1035.4	1037.8	1038.5	1035.0	1030.4	1028.0	1029.1	1031.3	1032.9
180°	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9



TEST NUMBER: P935739

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7
2.5°	2428.7	2415.1	2415.1	2392.5	2383.4	2376.6	2365.3	2331.3	2322.2	2313.1	2326.7
5°	2449.1	2424.2	2406.1	2365.3	2331.3	2317.7	2274.7	2193.1	2138.7	2097.9	2075.3
7.5°	2453.6	2421.9	2387.9	2324.5	2242.9	2206.6	2075.3	1925.7	1884.9	1848.7	1826.0
10°	2449.1	2412.8	2365.3	2270.1	2077.6	2014.1	1882.7	1785.2	1760.3	1753.6	1760.3
12.5°	2433.2	2399.3	2333.6	2175.0	1905.4	1862.3	1785.2	1728.6	1724.1	1735.4	1796.6
15°	2406.1	2374.3	2297.3	2048.1	1810.2	1778.5	1724.1	1703.7	1728.6	1807.9	1991.4
17.5°	2378.8	2342.6	2247.4	1923.5	1737.7	1715.1	1676.5	1717.3	1857.8	1964.2	2025.4
20°	2342.6	2299.6	2190.8	1832.8	1685.6	1665.2	1647.1	1830.6	1937.1	1975.5	2009.6
22.5°	2299.6	2254.2	2113.8	1769.4	1631.2	1615.4	1626.7	1894.1	1937.1	1964.2	1993.7
25°	2242.9	2204.4	2023.1	1719.5	1588.1	1570.0	1613.1	1887.3	1912.2	1919.0	1977.9
27.5°	2190.8	2140.9	1928.0	1674.3	1536.0	1529.2	1624.4	1857.8	1875.9	1882.7	1946.1
30°	2127.4	2052.6	1821.5	1626.7	1481.7	1479.4	1626.7	1821.5	1817.0	1835.1	1898.5
32.5°	2061.7	1921.2	1701.4	1567.8	1429.6	1427.3	1610.8	1767.1	1762.7	1787.6	1835.1
35°	2000.5	1819.2	1538.3	1499.8	1363.8	1366.2	1572.4	1703.7	1706.0	1728.6	1758.1
37.5°	1937.1	1730.9	1359.4	1425.1	1300.5	1300.5	1520.2	1644.8	1640.3	1647.1	1687.9
40°	1862.3	1592.7	1200.8	1327.6	1241.5	1234.8	1456.8	1581.4	1565.5	1563.2	1619.9
42.5°	1783.0	1440.9	1082.9	1198.5	1173.5	1164.5	1379.7	1504.3	1474.9	1481.7	1554.1
45°	1696.9	1400.2	992.3	1012.7	1103.4	1096.5	1295.9	1416.0	1395.6	1413.7	1488.4
47.5°	1610.8	1318.6	962.9	840.5	1028.6	1026.3	1203.0	1329.9	1318.6	1336.7	1416.0
50°	1493.0	1228.0	960.6	720.4	944.7	953.8	1092.0	1246.1	1246.1	1261.9	1345.7
52.5°	1341.3	1116.9	872.3	652.5	847.4	874.5	994.6	1173.5	1178.1	1194.0	1268.7
55°	1203.0	1001.3	808.8	600.4	731.8	790.7	899.4	1098.8	1107.8	1123.7	1191.6
57.5°	1076.1	833.7	795.2	539.2	625.3	682.0	815.6	1026.3	1030.8	1044.5	1110.2
60°	940.2	602.6	729.5	473.5	532.4	575.5	738.6	940.2	956.1	965.1	1021.8
62.5°	786.1	437.3	661.5	428.2	487.1	496.1	675.2	858.6	879.1	885.8	919.8
65°	559.6	367.0	561.9	389.7	439.5	441.8	607.2	774.8	792.9	804.3	829.2
67.5°	378.4	299.0	428.2	353.4	403.3	405.5	541.5	677.4	702.3	711.4	727.2
70°	262.8	199.4	317.1	314.9	362.5	367.0	471.2	589.0	611.7	618.5	627.6
72.5°	192.5	160.9	262.8	283.2	319.5	324.0	398.7	489.3	512.0	518.8	523.3
75°	147.3	170.0	213.0	247.0	271.9	274.1	326.3	398.7	414.6	419.2	421.4
77.5°	117.8	158.6	156.3	199.4	222.0	217.5	256.0	308.1	321.7	321.7	321.7
80°	88.4	124.6	117.8	142.7	163.1	158.6	183.5	219.8	224.3	228.8	226.5
82.5°	65.7	79.3	79.3	90.6	108.7	104.3	122.4	142.7	142.7	142.7	147.3
85°	40.8	45.3	36.2	47.6	61.1	58.9	67.9	77.0	79.3	79.3	74.8
87.5°	24.9	20.4	11.3	18.1	27.2	27.2	31.7	34.0	31.7	31.7	31.7
90°	18.0	12.5	7.0	12.5	18.0	19.4	30.4	45.3	52.7	46.8	35.1
92.5°	122.0	74.9	27.8	74.9	122.0	133.8	188.1	260.5	296.7	260.0	186.7
95°	239.0	152.8	66.6	152.8	239.0	260.6	462.8	732.5	867.3	773.9	587.2
97.5°	267.3	191.1	115.1	191.1	267.3	286.3	623.4	1073.0	1297.8	1238.8	1120.8
100°	290.5	221.5	152.5	221.5	290.5	307.8	681.9	1180.8	1430.2	1434.4	1443.1
102.5°	313.2	248.8	184.4	248.8	313.2	329.3	708.7	1214.6	1467.6	1542.7	1693.1
105°	347.5	293.0	238.5	293.0	347.5	361.2	728.6	1218.5	1463.5	1632.0	1969.0
107.5°	395.6	344.7	293.9	344.7	395.6	408.3	732.3	1164.2	1380.3	1615.4	2085.5
110°	423.1	377.2	331.3	377.2	423.1	434.6	726.7	1116.1	1310.9	1573.7	2099.4



TEST NUMBER: P935739

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	455.6	411.9	368.1	411.9	455.6	466.6	726.9	1074.2	1247.8	1516.7	2054.7
115°	504.3	463.9	423.5	463.9	504.3	514.4	733.7	1026.1	1172.3	1431.4	1949.7
117.5°	551.6	515.0	478.4	515.0	551.6	560.8	747.3	995.9	1120.2	1354.1	1821.8
120°	579.2	544.8	510.2	544.8	579.2	587.9	758.4	985.7	1099.4	1313.1	1740.4
122.5°	611.1	576.3	541.5	576.3	611.1	619.7	774.3	980.5	1083.6	1276.0	1660.8
125°	652.7	621.0	589.2	621.0	652.7	660.6	795.9	976.1	1066.2	1229.7	1556.6
127.5°	692.1	660.1	628.0	660.1	692.1	700.2	817.4	973.6	1051.7	1192.0	1472.7
130°	717.8	683.4	648.8	683.4	717.8	726.5	833.0	975.0	1046.1	1171.0	1420.9
132.5°	739.4	704.9	670.4	704.9	739.4	748.0	845.8	976.1	1041.2	1153.1	1376.8
135°	765.1	733.6	702.2	733.6	765.1	772.9	859.6	975.2	1032.9	1126.6	1313.9
137.5°	797.1	766.0	734.8	766.0	797.1	804.9	880.4	981.2	1031.5	1110.7	1269.0
140°	819.2	790.5	761.9	790.5	819.2	826.3	893.1	982.1	1026.7	1095.1	1231.9
142.5°	835.7	809.2	782.6	809.2	835.7	842.3	903.8	985.7	1026.7	1086.8	1206.9
145°	860.8	837.6	814.5	837.6	860.8	866.6	917.6	985.7	1019.7	1068.9	1167.2
147.5°	891.5	869.0	846.5	869.0	891.5	897.1	938.0	992.5	1019.7	1058.4	1135.8
150°	907.9	887.6	867.3	887.6	907.9	913.0	948.6	996.0	1019.7	1052.4	1117.7
152.5°	919.6	904.1	888.7	904.1	919.6	923.4	955.5	998.3	1019.7	1047.6	1103.4
155°	943.4	932.1	920.6	932.1	943.4	946.3	970.7	1003.4	1019.7	1042.0	1086.3
157.5°	966.4	955.3	944.2	955.3	966.4	969.1	986.0	1008.5	1019.7	1037.0	1071.5
160°	977.4	968.8	960.1	968.8	977.4	979.6	993.0	1010.8	1019.7	1034.5	1064.1
162.5°	989.0	982.5	976.1	982.5	989.0	990.6	1000.4	1013.3	1019.7	1032.2	1057.1
165°	1005.2	999.3	993.4	999.3	1005.2	1006.6	1011.0	1016.8	1019.7	1028.7	1046.6
167.5°	1014.9	1012.1	1009.4	1012.1	1014.9	1015.6	1019.3	1024.2	1026.7	1032.6	1044.3
170°	1025.3	1022.5	1019.7	1022.5	1025.3	1026.0	1026.2	1026.5	1026.7	1032.6	1044.3
172.5°	1026.5	1025.9	1025.3	1025.9	1026.5	1026.7	1026.7	1026.7	1026.7	1031.3	1040.5
175°	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1030.9	1028.1	1026.7	1029.6	1035.5
177.5°	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1031.3	1029.1	1028.0	1030.4	1035.0
180°	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9



TEST NUMBER: P935739

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7
2.5°	2310.9	2304.1	2313.1	2288.2	2313.1	2304.1	2310.9	2326.7	2313.1	2322.2	2331.3
5°	2027.7	2016.3	1980.1	1950.6	1980.1	2016.3	2027.7	2075.3	2097.9	2138.7	2193.1
7.5°	1812.5	1803.4	1794.3	1776.2	1794.3	1803.4	1812.5	1826.0	1848.7	1884.9	1925.7
10°	1764.9	1767.1	1780.8	1778.5	1780.8	1767.1	1764.9	1760.3	1753.6	1760.3	1785.2
12.5°	1887.3	1907.6	1982.4	1977.9	1982.4	1907.6	1887.3	1796.6	1735.4	1724.1	1728.6
15°	2027.7	2034.5	2050.3	2052.6	2050.3	2034.5	2027.7	1991.4	1807.9	1728.6	1703.7
17.5°	2041.2	2043.6	2054.9	2054.9	2054.9	2043.6	2041.2	2025.4	1964.2	1857.8	1717.3
20°	2030.0	2034.5	2057.1	2061.7	2057.1	2034.5	2030.0	2009.6	1975.5	1937.1	1830.6
22.5°	2025.4	2034.5	2052.6	2050.3	2052.6	2034.5	2025.4	1993.7	1964.2	1937.1	1894.1
25°	2002.8	2002.8	2005.0	2007.3	2005.0	2002.8	2002.8	1977.9	1919.0	1912.2	1887.3
27.5°	1955.2	1959.7	1973.3	1971.1	1973.3	1959.7	1955.2	1946.1	1882.7	1875.9	1857.8
30°	1912.2	1907.6	1896.3	1887.3	1896.3	1907.6	1912.2	1898.5	1835.1	1817.0	1821.5
32.5°	1839.7	1828.4	1817.0	1810.2	1817.0	1828.4	1839.7	1835.1	1787.6	1762.7	1767.1
35°	1753.6	1755.8	1753.6	1746.8	1753.6	1755.8	1753.6	1758.1	1728.6	1706.0	1703.7
37.5°	1692.4	1696.9	1694.6	1685.6	1694.6	1696.9	1692.4	1687.9	1647.1	1640.3	1644.8
40°	1628.9	1631.2	1628.9	1622.2	1628.9	1631.2	1628.9	1619.9	1563.2	1565.5	1581.4
42.5°	1567.8	1565.5	1558.7	1554.1	1558.7	1565.5	1567.8	1554.1	1481.7	1474.9	1504.3
45°	1497.5	1499.8	1486.2	1479.4	1486.2	1499.8	1497.5	1488.4	1413.7	1395.6	1416.0
47.5°	1427.3	1427.3	1416.0	1409.2	1416.0	1427.3	1427.3	1416.0	1336.7	1318.6	1329.9
50°	1352.6	1350.3	1334.5	1332.1	1334.5	1350.3	1352.6	1345.7	1261.9	1246.1	1246.1
52.5°	1266.4	1266.4	1268.7	1273.2	1268.7	1266.4	1266.4	1268.7	1194.0	1178.1	1173.5
55°	1191.6	1194.0	1209.9	1214.3	1209.9	1194.0	1191.6	1191.6	1123.7	1107.8	1098.8
57.5°	1114.7	1114.7	1126.0	1126.0	1126.0	1114.7	1114.7	1110.2	1044.5	1030.8	1026.3
60°	1026.3	1030.8	1039.9	1037.7	1039.9	1030.8	1026.3	1021.8	965.1	956.1	940.2
62.5°	933.4	938.0	940.2	935.6	940.2	938.0	933.4	919.8	885.8	879.1	858.6
65°	836.0	840.5	842.8	838.3	842.8	840.5	836.0	829.2	804.3	792.9	774.8
67.5°	736.3	734.0	731.8	740.9	731.8	734.0	736.3	727.2	711.4	702.3	677.4
70°	634.4	634.4	632.1	636.6	632.1	634.4	634.4	627.6	618.5	611.7	589.0
72.5°	525.6	523.3	532.4	525.6	532.4	523.3	525.6	523.3	518.8	512.0	489.3
75°	419.2	423.6	419.2	426.0	419.2	423.6	419.2	421.4	419.2	414.6	398.7
77.5°	319.5	324.0	319.5	319.5	319.5	324.0	319.5	321.7	321.7	321.7	308.1
80°	226.5	224.3	224.3	222.0	224.3	224.3	226.5	226.5	228.8	224.3	219.8
82.5°	145.0	142.7	142.7	147.3	142.7	142.7	145.0	147.3	142.7	142.7	142.7
85°	79.3	81.6	77.0	77.0	77.0	81.6	79.3	74.8	79.3	79.3	77.0
87.5°	29.5	27.2	27.2	27.2	27.2	27.2	29.5	31.7	31.7	31.7	34.0
90°	26.3	26.3	26.3	26.3	26.3	26.3	26.3	35.1	46.8	52.7	45.3
92.5°	131.8	126.5	105.5	84.5	105.5	126.5	131.8	186.7	260.0	296.7	260.5
95°	447.1	431.2	367.8	304.3	367.8	431.2	447.1	587.2	773.9	867.3	732.5
97.5°	1032.2	1002.1	881.3	760.5	881.3	1002.1	1032.2	1120.8	1238.8	1297.8	1073.0
100°	1449.5	1413.6	1269.8	1125.9	1269.8	1413.6	1449.5	1443.1	1434.4	1430.2	1180.8
102.5°	1805.9	1775.1	1651.8	1528.6	1651.8	1775.1	1805.9	1693.1	1542.7	1467.6	1214.6
105°	2221.8	2205.2	2139.0	2072.8	2139.0	2205.2	2221.8	1969.0	1632.0	1463.5	1218.5
107.5°	2438.1	2442.1	2458.1	2474.2	2458.1	2442.1	2438.1	2085.5	1615.4	1380.3	1164.2
110°	2493.6	2510.9	2579.9	2648.8	2579.9	2510.9	2493.6	2099.4	1573.7	1310.9	1116.1



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2458.2	2484.7	2590.7	2696.7	2590.7	2484.7	2458.2	2054.7	1516.7	1247.8	1074.2
115°	2338.3	2375.1	2522.0	2668.9	2522.0	2375.1	2338.3	1949.7	1431.4	1172.3	1026.1
117.5°	2172.6	2213.3	2376.3	2539.3	2376.3	2213.3	2172.6	1821.8	1354.1	1120.2	995.9
120°	2061.0	2100.6	2259.0	2417.3	2259.0	2100.6	2061.0	1740.4	1313.1	1099.4	985.7
122.5°	1949.4	1988.4	2144.6	2300.8	2144.6	1988.4	1949.4	1660.8	1276.0	1083.6	980.5
125°	1801.8	1837.7	1981.6	2125.5	1981.6	1837.7	1801.8	1556.6	1229.7	1066.2	976.1
127.5°	1683.2	1713.6	1835.0	1956.4	1835.0	1713.6	1683.2	1472.7	1192.0	1051.7	973.6
130°	1608.3	1636.4	1748.6	1860.7	1748.6	1636.4	1608.3	1420.9	1171.0	1046.1	975.0
132.5°	1544.5	1569.6	1670.1	1770.5	1670.1	1569.6	1544.5	1376.8	1153.1	1041.2	976.1
135°	1454.4	1476.0	1562.6	1649.2	1562.6	1476.0	1454.4	1313.9	1126.6	1032.9	975.2
137.5°	1387.8	1405.5	1476.4	1547.3	1476.4	1405.5	1387.8	1269.0	1110.7	1031.5	981.2
140°	1334.5	1351.1	1417.3	1483.5	1417.3	1351.1	1334.5	1231.9	1095.1	1026.7	982.1
142.5°	1297.1	1311.3	1368.3	1425.3	1368.3	1311.3	1297.1	1206.9	1086.8	1026.7	985.7
145°	1240.9	1251.7	1294.8	1337.9	1294.8	1251.7	1240.9	1167.2	1068.9	1019.7	985.7
147.5°	1193.8	1202.7	1238.5	1274.2	1238.5	1202.7	1193.8	1135.8	1058.4	1019.7	992.5
150°	1166.7	1174.0	1203.0	1231.9	1203.0	1174.0	1166.7	1117.7	1052.4	1019.7	996.0
152.5°	1145.2	1150.7	1172.5	1194.4	1172.5	1150.7	1145.2	1103.4	1047.6	1019.7	998.3
155°	1119.6	1123.3	1137.7	1152.2	1137.7	1123.3	1119.6	1086.3	1042.0	1019.7	1003.4
157.5°	1097.4	1099.9	1110.1	1120.2	1110.1	1099.9	1097.4	1071.5	1037.0	1019.7	1008.5
160°	1086.3	1087.7	1093.6	1099.4	1093.6	1087.7	1086.3	1064.1	1034.5	1019.7	1010.8
162.5°	1075.9	1077.3	1082.8	1088.4	1082.8	1077.3	1075.9	1057.1	1032.2	1019.7	1013.3
165°	1060.0	1061.4	1067.3	1073.1	1067.3	1061.4	1060.0	1046.6	1028.7	1019.7	1016.8
167.5°	1053.0	1053.6	1056.1	1058.6	1056.1	1053.6	1053.0	1044.3	1032.6	1026.7	1024.2
170°	1053.0	1053.0	1053.0	1053.0	1053.0	1053.0	1053.0	1044.3	1032.6	1026.7	1026.5
172.5°	1047.5	1047.0	1044.8	1042.7	1044.8	1047.0	1047.5	1040.5	1031.3	1026.7	1026.7
175°	1039.9	1039.9	1039.9	1039.9	1039.9	1039.9	1039.9	1035.5	1029.6	1026.7	1028.1
177.5°	1038.5	1037.8	1035.4	1032.9	1035.4	1037.8	1038.5	1035.0	1030.4	1028.0	1029.1
180°	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2394.7	2394.7	2394.7	2394.7	2394.7
2.5°	2365.3	2376.6	2383.4	2392.5	2415.1
5°	2274.7	2317.7	2331.3	2365.3	2406.1
7.5°	2075.3	2206.6	2242.9	2324.5	2387.9
10°	1882.7	2014.1	2077.6	2270.1	2365.3
12.5°	1785.2	1862.3	1905.4	2175.0	2333.6
15°	1724.1	1778.5	1810.2	2048.1	2297.3
17.5°	1676.5	1715.1	1737.7	1923.5	2247.4
20°	1647.1	1665.2	1685.6	1832.8	2190.8
22.5°	1626.7	1615.4	1631.2	1769.4	2113.8
25°	1613.1	1570.0	1588.1	1719.5	2023.1
27.5°	1624.4	1529.2	1536.0	1674.3	1928.0
30°	1626.7	1479.4	1481.7	1626.7	1821.5
32.5°	1610.8	1427.3	1429.6	1567.8	1701.4
35°	1572.4	1366.2	1363.8	1499.8	1538.3
37.5°	1520.2	1300.5	1300.5	1425.1	1359.4
40°	1456.8	1234.8	1241.5	1327.6	1200.8
42.5°	1379.7	1164.5	1173.5	1198.5	1082.9
45°	1295.9	1096.5	1103.4	1012.7	992.3
47.5°	1203.0	1026.3	1028.6	840.5	962.9
50°	1092.0	953.8	944.7	720.4	960.6
52.5°	994.6	874.5	847.4	652.5	872.3
55°	899.4	790.7	731.8	600.4	808.8
57.5°	815.6	682.0	625.3	539.2	795.2
60°	738.6	575.5	532.4	473.5	729.5
62.5°	675.2	496.1	487.1	428.2	661.5
65°	607.2	441.8	439.5	389.7	561.9
67.5°	541.5	405.5	403.3	353.4	428.2
70°	471.2	367.0	362.5	314.9	317.1
72.5°	398.7	324.0	319.5	283.2	262.8
75°	326.3	274.1	271.9	247.0	213.0
77.5°	256.0	217.5	222.0	199.4	156.3
80°	183.5	158.6	163.1	142.7	117.8
82.5°	122.4	104.3	108.7	90.6	79.3
85°	67.9	58.9	61.1	47.6	36.2
87.5°	31.7	27.2	27.2	18.1	11.3
90°	30.4	19.4	18.0	12.5	7.0
92.5°	188.1	133.8	122.0	74.9	27.8
95°	462.8	260.6	239.0	152.8	66.6
97.5°	623.4	286.3	267.3	191.1	115.1
100°	681.9	307.8	290.5	221.5	152.5
102.5°	708.7	329.3	313.2	248.8	184.4
105°	728.6	361.2	347.5	293.0	238.5
107.5°	732.3	408.3	395.6	344.7	293.9
110°	726.7	434.6	423.1	377.2	331.3



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	726.9	466.6	455.6	411.9	368.1
115°	733.7	514.4	504.3	463.9	423.5
117.5°	747.3	560.8	551.6	515.0	478.4
120°	758.4	587.9	579.2	544.8	510.2
122.5°	774.3	619.7	611.1	576.3	541.5
125°	795.9	660.6	652.7	621.0	589.2
127.5°	817.4	700.2	692.1	660.1	628.0
130°	833.0	726.5	717.8	683.4	648.8
132.5°	845.8	748.0	739.4	704.9	670.4
135°	859.6	772.9	765.1	733.6	702.2
137.5°	880.4	804.9	797.1	766.0	734.8
140°	893.1	826.3	819.2	790.5	761.9
142.5°	903.8	842.3	835.7	809.2	782.6
145°	917.6	866.6	860.8	837.6	814.5
147.5°	938.0	897.1	891.5	869.0	846.5
150°	948.6	913.0	907.9	887.6	867.3
152.5°	955.5	923.4	919.6	904.1	888.7
155°	970.7	946.3	943.4	932.1	920.6
157.5°	986.0	969.1	966.4	955.3	944.2
160°	993.0	979.6	977.4	968.8	960.1
162.5°	1000.4	990.6	989.0	982.5	976.1
165°	1011.0	1006.6	1005.2	999.3	993.4
167.5°	1019.3	1015.6	1014.9	1012.1	1009.4
170°	1026.2	1026.0	1025.3	1022.5	1019.7
172.5°	1026.7	1026.7	1026.5	1025.9	1025.3
175°	1030.9	1032.9	1032.9	1032.9	1032.9
177.5°	1031.3	1032.9	1032.9	1032.9	1032.9
180°	1032.9	1032.9	1032.9	1032.9	1032.9



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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	13.99	14.84	14.97	15.82	17.12	16.82	17.66	17.79	18.65	19.95
	3H	14.47	15.22	15.45	16.22	17.54	18.16	18.92	19.14	19.91	21.23
	4H	14.66	15.37	15.66	16.37	17.70	18.60	19.32	19.60	20.32	21.64
	6H	14.78	15.44	15.78	16.44	17.78	18.88	19.54	19.89	20.55	21.89
	8H	14.78	15.41	15.79	16.43	17.76	18.96	19.59	19.97	20.61	21.94
	12H	14.75	15.35	15.77	16.36	17.72	18.99	19.59	20.01	20.61	21.97
4H	2H	15.02	15.74	16.02	16.74	18.06	17.22	17.94	18.23	18.94	20.27
	3H	16.05	16.64	17.06	17.67	19.01	18.73	19.32	19.74	20.35	21.69
	4H	16.32	16.87	17.34	17.89	19.25	19.25	19.80	20.27	20.82	22.18
	6H	16.45	16.92	17.48	17.96	19.32	19.62	20.09	20.65	21.13	22.49
	8H	16.45	16.89	17.48	17.93	19.30	19.72	20.16	20.75	21.20	22.57
	12H	16.42	16.81	17.47	17.87	19.25	19.78	20.17	20.83	21.22	22.61
8H	4H	16.77	17.21	17.81	18.25	19.63	19.38	19.81	20.41	20.85	22.23
	6H	17.03	17.40	18.09	18.48	19.85	19.81	20.17	20.87	21.25	22.63
	8H	17.08	17.40	18.14	18.46	19.85	19.96	20.28	21.03	21.34	22.74
	12H	17.06	17.34	18.13	18.40	19.83	20.06	20.34	21.13	21.40	22.83
12H	4H	16.78	17.18	17.83	18.23	19.61	19.34	19.74	20.39	20.79	22.17
	6H	17.09	17.41	18.16	18.48	19.87	19.81	20.13	20.87	21.19	22.58
	8H	17.16	17.44	18.23	18.50	19.93	19.97	20.25	21.04	21.31	22.74