

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: P936139

Luminaire Tested: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-6-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P936139
REPORT IS A COMBINATION OF REPORTS P933783 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-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: -

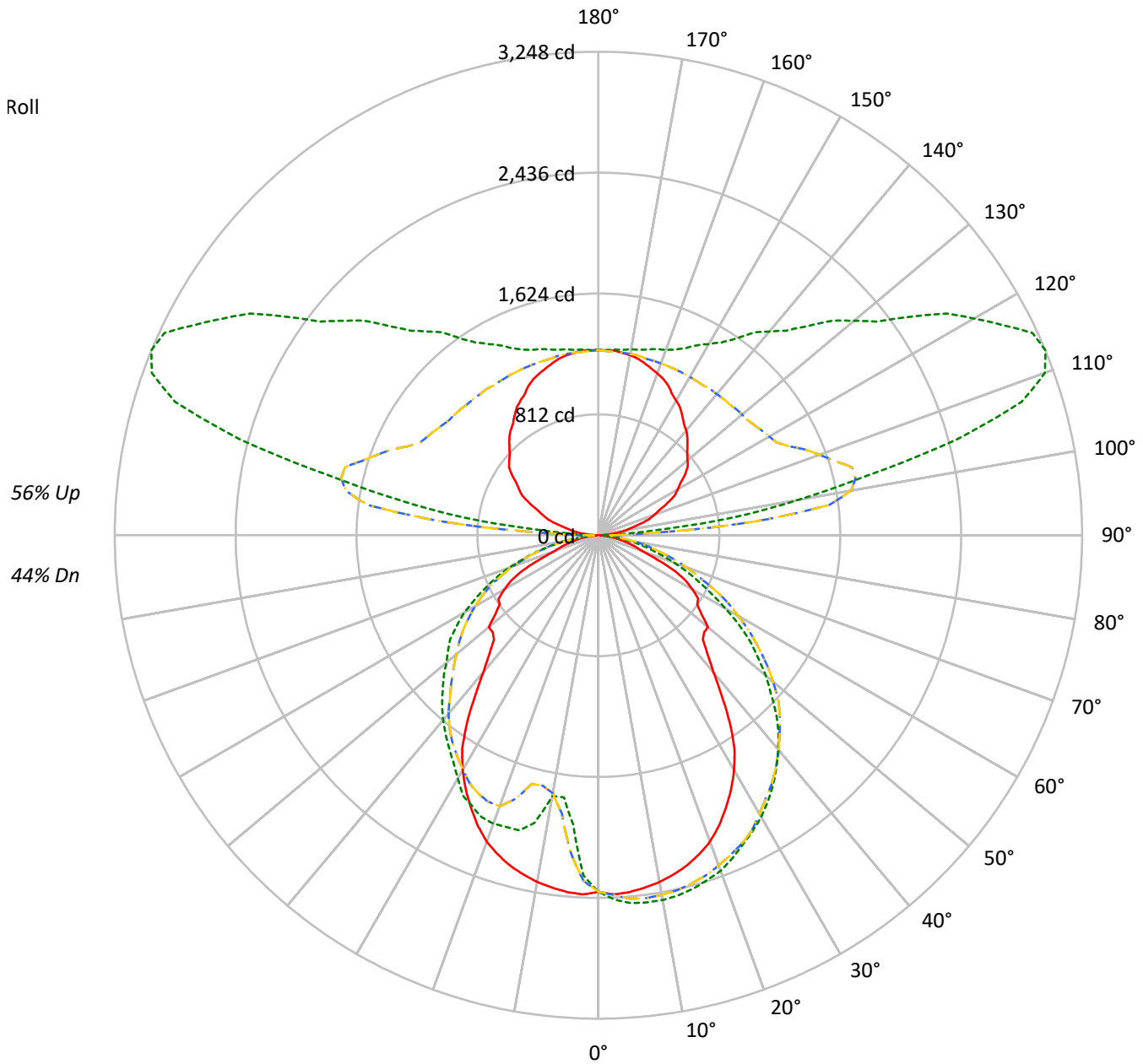
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14280.1 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): 124.8
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	0
RCR																					
0	106	106	106	106	97	97	97	97	80	80	80	64	64	64	50	50	50	44	44	44	44
1	96	92	88	85	88	84	81	78	70	68	66	57	55	54	44	43	42	37	37	37	37
2	88	80	74	69	80	74	69	64	61	58	54	50	47	45	39	37	36	31	31	31	31
3	80	71	63	58	73	65	59	54	54	49	46	44	41	38	35	32	30	26	26	26	26
4	73	63	55	49	67	57	51	45	48	43	39	39	35	32	31	28	26	22	22	22	22
5	67	56	48	42	61	51	44	39	43	37	33	35	31	28	28	25	23	19	19	19	19
6	62	50	42	36	56	46	39	34	39	33	29	32	28	24	25	22	20	17	17	17	17
7	57	45	37	31	52	41	34	29	35	29	25	29	25	22	23	20	18	15	15	15	15
8	53	41	33	28	48	38	31	26	32	26	23	26	22	19	21	18	16	13	13	13	13
9	49	37	30	25	45	34	28	23	29	24	20	24	20	17	19	16	14	12	12	12	12
10	46	34	27	22	42	31	25	21	27	22	18	22	18	16	18	15	13	11	11	11	11

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	1.5
10°-20°	613.7	4.3
20°-30°	948.8	6.6
30°-40°	1132.6	7.9
40°-50°	1139.2	8.0
50°-60°	991.3	6.9
60°-70°	702.8	4.9
70°-80°	371.8	2.6
80°-90°	97.4	0.7
90°-100°	606.5	4.2
100°-110°	1594.6	11.2
110°-120°	1653.4	11.6
120°-130°	1326.3	9.3
130°-140°	1040.6	7.3
140°-150°	798.7	5.6
150°-160°	575.2	4.0
160°-170°	352.0	2.5
170°-180°	118.9	0.8
0°-30°	1778.7	12.5
0°-40°	2911.3	20.4
0°-60°	5041.8	35.3
0°-90°	6213.8	43.5
90°-120°	3854.6	27.0
90°-150°	7020.2	49.2
90°-180°	8066.0	56.5
0°-180°	14280.1	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°	8	32	8	32	8	8
95°	80	367	80	367	80	89
105°	287	2497	287	2497	287	305
115°	510	3215	510	3215	510	504
125°	710	2560	710	2560	710	630
135°	846	1987	846	1987	846	655
145°	981	1612	981	1612	981	615
155°	1109	1388	1109	1388	1109	510
165°	1197	1293	1197	1293	1197	338
175°	1244	1253	1244	1253	1244	118
180°	1244	1244	1244	1244	1244	



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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°	8.4	15.1	21.7	23.4	36.8	54.5	63.5	56.4	42.3	31.8	31.8
92.5°	33.4	90.2	147.0	161.2	226.6	313.8	357.4	313.2	224.9	158.7	152.4
95°	80.2	184.1	288.0	314.0	557.6	882.4	1044.7	932.3	707.3	538.6	519.5
97.5°	138.6	230.3	322.0	344.9	751.1	1292.6	1563.3	1492.3	1350.1	1243.5	1207.1
100°	183.7	266.9	350.0	370.8	821.5	1422.4	1722.8	1728.0	1738.5	1746.2	1702.9
102.5°	222.2	299.7	377.3	396.7	853.8	1463.2	1767.9	1858.4	2039.5	2175.4	2138.3
105°	287.2	352.9	418.6	435.1	877.7	1467.8	1762.9	1965.9	2372.0	2676.5	2656.5
107.5°	354.1	415.3	476.6	491.8	882.1	1402.5	1662.7	1945.9	2512.3	2937.1	2941.9
110°	399.2	454.5	509.8	523.6	875.5	1344.6	1579.1	1895.7	2529.0	3003.8	3024.6



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	443.5	496.1	548.8	562.0	875.7	1294.0	1503.2	1827.2	2475.2	2961.3	2993.2
115°	510.2	558.9	607.5	619.7	883.8	1236.0	1412.1	1724.3	2348.6	2816.8	2861.0
117.5°	576.2	620.4	664.6	675.6	900.3	1199.8	1349.6	1631.3	2194.6	2617.2	2666.3
120°	614.7	656.3	697.9	708.2	913.6	1187.5	1324.5	1581.9	2096.7	2482.7	2530.4
122.5°	652.2	694.2	736.1	746.6	932.8	1181.1	1305.3	1537.1	2000.6	2348.3	2395.3
125°	709.8	748.0	786.3	795.9	958.7	1175.8	1284.4	1481.3	1875.0	2170.4	2213.7
127.5°	756.6	795.1	833.8	843.4	984.6	1172.7	1266.8	1435.9	1774.0	2027.6	2064.2
130°	781.7	823.3	864.9	875.2	1003.6	1174.7	1260.2	1410.7	1711.7	1937.4	1971.2
132.5°	807.6	849.1	890.7	901.1	1018.8	1175.8	1254.3	1389.0	1658.5	1860.6	1890.8
135°	845.9	883.8	921.7	931.2	1035.5	1174.7	1244.3	1357.1	1582.8	1752.0	1778.1
137.5°	885.2	922.7	960.2	969.6	1060.6	1181.9	1242.6	1338.0	1528.8	1671.9	1693.2
140°	917.8	952.3	986.8	995.4	1075.9	1183.2	1236.8	1319.2	1484.0	1607.6	1627.5
142.5°	942.8	974.7	1006.7	1014.6	1088.7	1187.5	1236.8	1309.2	1453.9	1562.4	1579.6
145°	981.3	1009.1	1037.0	1043.9	1105.4	1187.5	1228.4	1287.6	1406.1	1494.9	1507.8
147.5°	1019.6	1046.8	1073.8	1080.6	1129.9	1195.6	1228.4	1275.0	1368.1	1438.0	1448.8
150°	1044.7	1069.2	1093.6	1099.8	1142.6	1199.9	1228.4	1267.8	1346.4	1405.4	1414.2
152.5°	1070.6	1089.2	1107.7	1112.4	1151.0	1202.6	1228.4	1262.0	1329.2	1379.5	1386.1
155°	1109.0	1122.7	1136.5	1139.9	1169.4	1208.8	1228.4	1255.1	1308.6	1348.7	1353.0
157.5°	1137.4	1150.8	1164.2	1167.5	1187.8	1214.9	1228.4	1249.2	1290.8	1322.0	1325.0
160°	1156.7	1167.0	1177.4	1180.0	1196.1	1217.6	1228.4	1246.3	1281.9	1308.6	1310.4
162.5°	1175.8	1183.6	1191.4	1193.3	1205.0	1220.7	1228.4	1243.4	1273.5	1296.1	1297.8
165°	1196.7	1203.8	1210.7	1212.5	1217.8	1224.9	1228.4	1239.2	1260.7	1276.9	1278.7
167.5°	1215.9	1219.2	1222.6	1223.4	1227.9	1233.9	1236.8	1243.9	1258.0	1268.5	1269.2
170°	1228.4	1231.7	1235.1	1235.9	1236.2	1236.6	1236.8	1243.9	1258.0	1268.5	1268.5
172.5°	1235.1	1235.8	1236.6	1236.8	1236.8	1236.8	1236.8	1242.3	1253.5	1261.8	1261.2
175°	1244.3	1244.3	1244.3	1244.3	1241.8	1238.5	1236.8	1240.3	1247.3	1252.6	1252.6
177.5°	1244.3	1244.3	1244.3	1244.3	1242.3	1239.8	1238.4	1241.2	1246.8	1251.0	1250.3
180°	1244.3	1244.3	1244.3	1244.3	1244.3	1244.3	1244.3	1244.3	1244.3	1244.3	1244.3



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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°	31.8	31.8	31.8	31.8	31.8	42.3	56.4	63.5	54.5	36.8	23.4
92.5°	127.1	101.8	127.1	152.4	158.7	224.9	313.2	357.4	313.8	226.6	161.2
95°	443.0	366.6	443.0	519.5	538.6	707.3	932.3	1044.7	882.4	557.6	314.0
97.5°	1061.6	916.1	1061.6	1207.1	1243.5	1350.1	1492.3	1563.3	1292.6	751.1	344.9
100°	1529.6	1356.2	1529.6	1702.9	1746.2	1738.5	1728.0	1722.8	1422.4	821.5	370.8
102.5°	1989.8	1841.4	1989.8	2138.3	2175.4	2039.5	1858.4	1767.9	1463.2	853.8	396.7
105°	2576.7	2496.9	2576.7	2656.5	2676.5	2372.0	1965.9	1762.9	1467.8	877.7	435.1
107.5°	2961.2	2980.5	2961.2	2941.9	2937.1	2512.3	1945.9	1662.7	1402.5	882.1	491.8
110°	3107.7	3190.9	3107.7	3024.6	3003.8	2529.0	1895.7	1579.1	1344.6	875.5	523.6



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3120.9	3248.5	3120.9	2993.2	2961.3	2475.2	1827.2	1503.2	1294.0	875.7	562.0
115°	3038.0	3215.1	3038.0	2861.0	2816.8	2348.6	1724.3	1412.1	1236.0	883.8	619.7
117.5°	2862.6	3059.0	2862.6	2666.3	2617.2	2194.6	1631.3	1349.6	1199.8	900.3	675.6
120°	2721.2	2912.0	2721.2	2530.4	2482.7	2096.7	1581.9	1324.5	1187.5	913.6	708.2
122.5°	2583.5	2771.7	2583.5	2395.3	2348.3	2000.6	1537.1	1305.3	1181.1	932.8	746.6
125°	2387.0	2560.4	2387.0	2213.7	2170.4	1875.0	1481.3	1284.4	1175.8	958.7	795.9
127.5°	2210.4	2356.7	2210.4	2064.2	2027.6	1774.0	1435.9	1266.8	1172.7	984.6	843.4
130°	2106.3	2241.4	2106.3	1971.2	1937.4	1711.7	1410.7	1260.2	1174.7	1003.6	875.2
132.5°	2011.8	2132.8	2011.8	1890.8	1860.6	1658.5	1389.0	1254.3	1175.8	1018.8	901.1
135°	1882.4	1986.7	1882.4	1778.1	1752.0	1582.8	1357.1	1244.3	1174.7	1035.5	931.2
137.5°	1778.6	1864.0	1778.6	1693.2	1671.9	1528.8	1338.0	1242.6	1181.9	1060.6	969.6
140°	1707.3	1787.1	1707.3	1627.5	1607.6	1484.0	1319.2	1236.8	1183.2	1075.9	995.4
142.5°	1648.3	1717.0	1648.3	1579.6	1562.4	1453.9	1309.2	1236.8	1187.5	1088.7	1014.6
145°	1559.8	1611.7	1559.8	1507.8	1494.9	1406.1	1287.6	1228.4	1187.5	1105.4	1043.9
147.5°	1491.8	1534.9	1491.8	1448.8	1438.0	1368.1	1275.0	1228.4	1195.6	1129.9	1080.6
150°	1449.1	1484.0	1449.1	1414.2	1405.4	1346.4	1267.8	1228.4	1199.9	1142.6	1099.8
152.5°	1412.5	1438.9	1412.5	1386.1	1379.5	1329.2	1262.0	1228.4	1202.6	1151.0	1112.4
155°	1370.4	1387.9	1370.4	1353.0	1348.7	1308.6	1255.1	1228.4	1208.8	1169.4	1139.9
157.5°	1337.3	1349.6	1337.3	1325.0	1322.0	1290.8	1249.2	1228.4	1214.9	1187.8	1167.5
160°	1317.4	1324.5	1317.4	1310.4	1308.6	1281.9	1246.3	1228.4	1217.6	1196.1	1180.0
162.5°	1304.4	1311.1	1304.4	1297.8	1296.1	1273.5	1243.4	1228.4	1220.7	1205.0	1193.3
165°	1285.6	1292.7	1285.6	1278.7	1276.9	1260.7	1239.2	1228.4	1224.9	1217.8	1212.5
167.5°	1272.3	1275.2	1272.3	1269.2	1268.5	1258.0	1243.9	1236.8	1233.9	1227.9	1223.4
170°	1268.5	1268.5	1268.5	1268.5	1268.5	1258.0	1243.9	1236.8	1236.6	1236.2	1235.9
172.5°	1258.6	1256.0	1258.6	1261.2	1261.8	1253.5	1242.3	1236.8	1236.8	1236.8	1236.8
175°	1252.6	1252.6	1252.6	1252.6	1252.6	1247.3	1240.3	1236.8	1238.5	1241.8	1244.3
177.5°	1247.3	1244.3	1247.3	1250.3	1251.0	1246.8	1241.2	1238.4	1239.8	1242.3	1244.3
180°	1244.3	1244.3	1244.3	1244.3	1244.3	1244.3	1244.3	1244.3	1244.3	1244.3	1244.3



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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°	21.7	15.1	8.4	15.1	21.7	23.4	36.8	54.5	63.5	56.4	42.3
92.5°	147.0	90.2	33.4	90.2	147.0	161.2	226.6	313.8	357.4	313.2	224.9
95°	288.0	184.1	80.2	184.1	288.0	314.0	557.6	882.4	1044.7	932.3	707.3
97.5°	322.0	230.3	138.6	230.3	322.0	344.9	751.1	1292.6	1563.3	1492.3	1350.1
100°	350.0	266.9	183.7	266.9	350.0	370.8	821.5	1422.4	1722.8	1728.0	1738.5
102.5°	377.3	299.7	222.2	299.7	377.3	396.7	853.8	1463.2	1767.9	1858.4	2039.5
105°	418.6	352.9	287.2	352.9	418.6	435.1	877.7	1467.8	1762.9	1965.9	2372.0
107.5°	476.6	415.3	354.1	415.3	476.6	491.8	882.1	1402.5	1662.7	1945.9	2512.3
110°	509.8	454.5	399.2	454.5	509.8	523.6	875.5	1344.6	1579.1	1895.7	2529.0



TEST NUMBER: P936139

CATALOG NUMBER: SQ4-FA-150U-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°	548.8	496.1	443.5	496.1	548.8	562.0	875.7	1294.0	1503.2	1827.2	2475.2
115°	607.5	558.9	510.2	558.9	607.5	619.7	883.8	1236.0	1412.1	1724.3	2348.6
117.5°	664.6	620.4	576.2	620.4	664.6	675.6	900.3	1199.8	1349.6	1631.3	2194.6
120°	697.9	656.3	614.7	656.3	697.9	708.2	913.6	1187.5	1324.5	1581.9	2096.7
122.5°	736.1	694.2	652.2	694.2	736.1	746.6	932.8	1181.1	1305.3	1537.1	2000.6
125°	786.3	748.0	709.8	748.0	786.3	795.9	958.7	1175.8	1284.4	1481.3	1875.0
127.5°	833.8	795.1	756.6	795.1	833.8	843.4	984.6	1172.7	1266.8	1435.9	1774.0
130°	864.9	823.3	781.7	823.3	864.9	875.2	1003.6	1174.7	1260.2	1410.7	1711.7
132.5°	890.7	849.1	807.6	849.1	890.7	901.1	1018.8	1175.8	1254.3	1389.0	1658.5
135°	921.7	883.8	845.9	883.8	921.7	931.2	1035.5	1174.7	1244.3	1357.1	1582.8
137.5°	960.2	922.7	885.2	922.7	960.2	969.6	1060.6	1181.9	1242.6	1338.0	1528.8
140°	986.8	952.3	917.8	952.3	986.8	995.4	1075.9	1183.2	1236.8	1319.2	1484.0
142.5°	1006.7	974.7	942.8	974.7	1006.7	1014.6	1088.7	1187.5	1236.8	1309.2	1453.9
145°	1037.0	1009.1	981.3	1009.1	1037.0	1043.9	1105.4	1187.5	1228.4	1287.6	1406.1
147.5°	1073.8	1046.8	1019.6	1046.8	1073.8	1080.6	1129.9	1195.6	1228.4	1275.0	1368.1
150°	1093.6	1069.2	1044.7	1069.2	1093.6	1099.8	1142.6	1199.9	1228.4	1267.8	1346.4
152.5°	1107.7	1089.2	1070.6	1089.2	1107.7	1112.4	1151.0	1202.6	1228.4	1262.0	1329.2
155°	1136.5	1122.7	1109.0	1122.7	1136.5	1139.9	1169.4	1208.8	1228.4	1255.1	1308.6
157.5°	1164.2	1150.8	1137.4	1150.8	1164.2	1167.5	1187.8	1214.9	1228.4	1249.2	1290.8
160°	1177.4	1167.0	1156.7	1167.0	1177.4	1180.0	1196.1	1217.6	1228.4	1246.3	1281.9
162.5°	1191.4	1183.6	1175.8	1183.6	1191.4	1193.3	1205.0	1220.7	1228.4	1243.4	1273.5
165°	1210.7	1203.8	1196.7	1203.8	1210.7	1212.5	1217.8	1224.9	1228.4	1239.2	1260.7
167.5°	1222.6	1219.2	1215.9	1219.2	1222.6	1223.4	1227.9	1233.9	1236.8	1243.9	1258.0
170°	1235.1	1231.7	1228.4	1231.7	1235.1	1235.9	1236.2	1236.6	1236.8	1243.9	1258.0
172.5°	1236.6	1235.8	1235.1	1235.8	1236.6	1236.8	1236.8	1236.8	1236.8	1242.3	1253.5
175°	1244.3	1244.3	1244.3	1244.3	1244.3	1244.3	1241.8	1238.5	1236.8	1240.3	1247.3
177.5°	1244.3	1244.3	1244.3	1244.3	1244.3	1244.3	1242.3	1239.8	1238.4	1241.2	1246.8
180°	1244.3	1244.3	1244.3	1244.3	1244.3	1244.3	1244.3	1244.3	1244.3	1244.3	1244.3



TEST NUMBER: P936139

CATALOG NUMBER: SQ4-FA-150U-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°	31.8	31.8	31.8	31.8	31.8	31.8	31.8	42.3	56.4	63.5	54.5
92.5°	158.7	152.4	127.1	101.8	127.1	152.4	158.7	224.9	313.2	357.4	313.8
95°	538.6	519.5	443.0	366.6	443.0	519.5	538.6	707.3	932.3	1044.7	882.4
97.5°	1243.5	1207.1	1061.6	916.1	1061.6	1207.1	1243.5	1350.1	1492.3	1563.3	1292.6
100°	1746.2	1702.9	1529.6	1356.2	1529.6	1702.9	1746.2	1738.5	1728.0	1722.8	1422.4
102.5°	2175.4	2138.3	1989.8	1841.4	1989.8	2138.3	2175.4	2039.5	1858.4	1767.9	1463.2
105°	2676.5	2656.5	2576.7	2496.9	2576.7	2656.5	2676.5	2372.0	1965.9	1762.9	1467.8
107.5°	2937.1	2941.9	2961.2	2980.5	2961.2	2941.9	2937.1	2512.3	1945.9	1662.7	1402.5
110°	3003.8	3024.6	3107.7	3190.9	3107.7	3024.6	3003.8	2529.0	1895.7	1579.1	1344.6



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2961.3	2993.2	3120.9	3248.5	3120.9	2993.2	2961.3	2475.2	1827.2	1503.2	1294.0
115°	2816.8	2861.0	3038.0	3215.1	3038.0	2861.0	2816.8	2348.6	1724.3	1412.1	1236.0
117.5°	2617.2	2666.3	2862.6	3059.0	2862.6	2666.3	2617.2	2194.6	1631.3	1349.6	1199.8
120°	2482.7	2530.4	2721.2	2912.0	2721.2	2530.4	2482.7	2096.7	1581.9	1324.5	1187.5
122.5°	2348.3	2395.3	2583.5	2771.7	2583.5	2395.3	2348.3	2000.6	1537.1	1305.3	1181.1
125°	2170.4	2213.7	2387.0	2560.4	2387.0	2213.7	2170.4	1875.0	1481.3	1284.4	1175.8
127.5°	2027.6	2064.2	2210.4	2356.7	2210.4	2064.2	2027.6	1774.0	1435.9	1266.8	1172.7
130°	1937.4	1971.2	2106.3	2241.4	2106.3	1971.2	1937.4	1711.7	1410.7	1260.2	1174.7
132.5°	1860.6	1890.8	2011.8	2132.8	2011.8	1890.8	1860.6	1658.5	1389.0	1254.3	1175.8
135°	1752.0	1778.1	1882.4	1986.7	1882.4	1778.1	1752.0	1582.8	1357.1	1244.3	1174.7
137.5°	1671.9	1693.2	1778.6	1864.0	1778.6	1693.2	1671.9	1528.8	1338.0	1242.6	1181.9
140°	1607.6	1627.5	1707.3	1787.1	1707.3	1627.5	1607.6	1484.0	1319.2	1236.8	1183.2
142.5°	1562.4	1579.6	1648.3	1717.0	1648.3	1579.6	1562.4	1453.9	1309.2	1236.8	1187.5
145°	1494.9	1507.8	1559.8	1611.7	1559.8	1507.8	1494.9	1406.1	1287.6	1228.4	1187.5
147.5°	1438.0	1448.8	1491.8	1534.9	1491.8	1448.8	1438.0	1368.1	1275.0	1228.4	1195.6
150°	1405.4	1414.2	1449.1	1484.0	1449.1	1414.2	1405.4	1346.4	1267.8	1228.4	1199.9
152.5°	1379.5	1386.1	1412.5	1438.9	1412.5	1386.1	1379.5	1329.2	1262.0	1228.4	1202.6
155°	1348.7	1353.0	1370.4	1387.9	1370.4	1353.0	1348.7	1308.6	1255.1	1228.4	1208.8
157.5°	1322.0	1325.0	1337.3	1349.6	1337.3	1325.0	1322.0	1290.8	1249.2	1228.4	1214.9
160°	1308.6	1310.4	1317.4	1324.5	1317.4	1310.4	1308.6	1281.9	1246.3	1228.4	1217.6
162.5°	1296.1	1297.8	1304.4	1311.1	1304.4	1297.8	1296.1	1273.5	1243.4	1228.4	1220.7
165°	1276.9	1278.7	1285.6	1292.7	1285.6	1278.7	1276.9	1260.7	1239.2	1228.4	1224.9
167.5°	1268.5	1269.2	1272.3	1275.2	1272.3	1269.2	1268.5	1258.0	1243.9	1236.8	1233.9
170°	1268.5	1268.5	1268.5	1268.5	1268.5	1268.5	1268.5	1258.0	1243.9	1236.8	1236.6
172.5°	1261.8	1261.2	1258.6	1256.0	1258.6	1261.2	1261.8	1253.5	1242.3	1236.8	1236.8
175°	1252.6	1252.6	1252.6	1252.6	1252.6	1252.6	1252.6	1247.3	1240.3	1236.8	1238.5
177.5°	1251.0	1250.3	1247.3	1244.3	1247.3	1250.3	1251.0	1246.8	1241.2	1238.4	1239.8
180°	1244.3	1244.3	1244.3	1244.3	1244.3	1244.3	1244.3	1244.3	1244.3	1244.3	1244.3



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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°	36.8	23.4	21.7	15.1	8.4
92.5°	226.6	161.2	147.0	90.2	33.4
95°	557.6	314.0	288.0	184.1	80.2
97.5°	751.1	344.9	322.0	230.3	138.6
100°	821.5	370.8	350.0	266.9	183.7
102.5°	853.8	396.7	377.3	299.7	222.2
105°	877.7	435.1	418.6	352.9	287.2
107.5°	882.1	491.8	476.6	415.3	354.1
110°	875.5	523.6	509.8	454.5	399.2



TEST NUMBER: P936139

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	875.7	562.0	548.8	496.1	443.5
115°	883.8	619.7	607.5	558.9	510.2
117.5°	900.3	675.6	664.6	620.4	576.2
120°	913.6	708.2	697.9	656.3	614.7
122.5°	932.8	746.6	736.1	694.2	652.2
125°	958.7	795.9	786.3	748.0	709.8
127.5°	984.6	843.4	833.8	795.1	756.6
130°	1003.6	875.2	864.9	823.3	781.7
132.5°	1018.8	901.1	890.7	849.1	807.6
135°	1035.5	931.2	921.7	883.8	845.9
137.5°	1060.6	969.6	960.2	922.7	885.2
140°	1075.9	995.4	986.8	952.3	917.8
142.5°	1088.7	1014.6	1006.7	974.7	942.8
145°	1105.4	1043.9	1037.0	1009.1	981.3
147.5°	1129.9	1080.6	1073.8	1046.8	1019.6
150°	1142.6	1099.8	1093.6	1069.2	1044.7
152.5°	1151.0	1112.4	1107.7	1089.2	1070.6
155°	1169.4	1139.9	1136.5	1122.7	1109.0
157.5°	1187.8	1167.5	1164.2	1150.8	1137.4
160°	1196.1	1180.0	1177.4	1167.0	1156.7
162.5°	1205.0	1193.3	1191.4	1183.6	1175.8
165°	1217.8	1212.5	1210.7	1203.8	1196.7
167.5°	1227.9	1223.4	1222.6	1219.2	1215.9
170°	1236.2	1235.9	1235.1	1231.7	1228.4
172.5°	1236.8	1236.8	1236.6	1235.8	1235.1
175°	1241.8	1244.3	1244.3	1244.3	1244.3
177.5°	1242.3	1244.3	1244.3	1244.3	1244.3
180°	1244.3	1244.3	1244.3	1244.3	1244.3



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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	13.54	14.34	14.55	15.36	16.72	16.36	17.17	17.37	18.19	19.55
	3H	14.01	14.73	15.03	15.76	17.14	17.70	18.42	18.72	19.45	20.83
	4H	14.20	14.88	15.23	15.91	17.30	18.14	18.83	19.18	19.86	21.25
	6H	14.31	14.94	15.36	15.98	17.38	18.42	19.05	19.47	20.09	21.49
	8H	14.31	14.91	15.36	15.97	17.36	18.49	19.09	19.54	20.15	21.54
	12H	14.28	14.85	15.34	15.90	17.32	18.53	19.10	19.58	20.15	21.57
4H	2H	14.56	15.25	15.60	16.28	17.67	16.76	17.45	17.80	18.48	19.87
	3H	15.58	16.15	16.63	17.21	18.62	18.26	18.83	19.31	19.89	21.30
	4H	15.86	16.38	16.91	17.43	18.85	18.79	19.31	19.84	20.36	21.79
	6H	15.98	16.43	17.04	17.50	18.92	19.15	19.60	20.21	20.67	22.09
	8H	15.98	16.40	17.05	17.47	18.90	19.25	19.67	20.32	20.74	22.17
	12H	15.95	16.33	17.03	17.41	18.85	19.31	19.68	20.39	20.77	22.21
8H	4H	16.31	16.72	17.37	17.79	19.23	18.91	19.33	19.97	20.39	21.83
	6H	16.56	16.91	17.65	18.02	19.45	19.34	19.69	20.43	20.80	22.23
	8H	16.61	16.91	17.70	18.00	19.45	19.49	19.79	20.59	20.89	22.34
	12H	16.59	16.86	17.69	17.94	19.43	19.59	19.85	20.69	20.94	22.43
12H	4H	16.31	16.69	17.39	17.77	19.21	18.87	19.25	19.95	20.33	21.77
	6H	16.62	16.93	17.72	18.02	19.47	19.34	19.64	20.43	20.73	22.18
	8H	16.69	16.96	17.79	18.04	19.53	19.50	19.76	20.59	20.85	22.34