

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: P936137

Luminaire Tested: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-6-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P936137
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-6-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

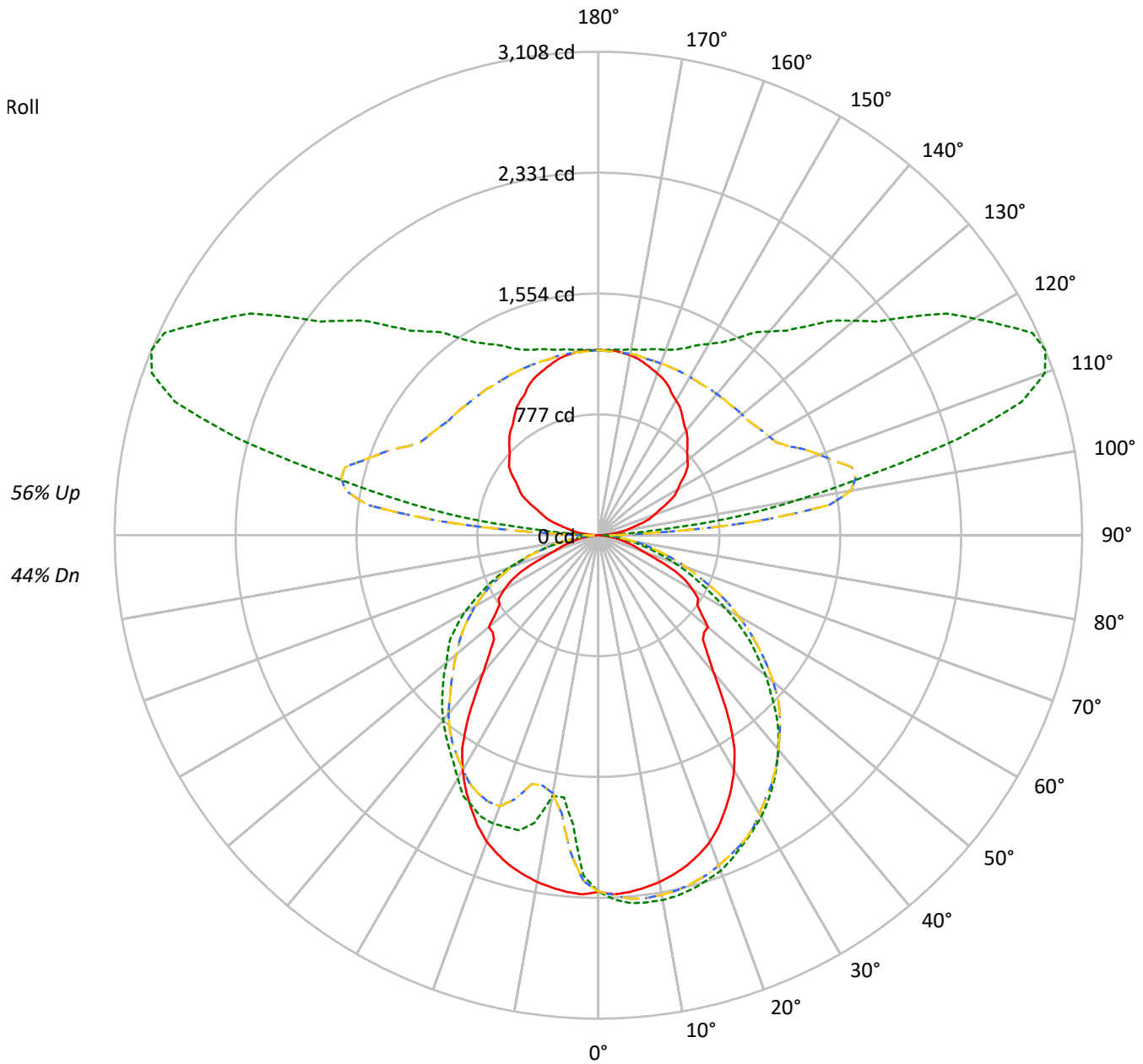
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13664.4 lumens
Efficiency: N/A
Efficacy: 109.5 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°	14176	14176	14176	14176
5°	14276	14309	14276	11251
10°	14175	14096	14175	10077
15°	14016	13790	14016	11515
20°	13718	13428	13718	11539
25°	13112	12900	13112	11295
30°	12331	12462	12331	10758
35°	10988	11908	10988	10167
40°	9151	11256	9151	9722
45°	8171	10492	8171	9209
50°	8674	9582	8674	8695
55°	8153	8600	8153	8397
60°	8395	7304	8395	7691
65°	7599	6039	7599	6750
70°	5249	4812	5249	5658
75°	4586	3558	4586	4260
80°	3668	2352	3668	2560
85°	2069	1245	2069	1059

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 12531 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	206.8	1.5
10°-20°	587.3	4.3
20°-30°	907.8	6.6
30°-40°	1083.8	7.9
40°-50°	1090.1	8.0
50°-60°	948.5	6.9
60°-70°	672.5	4.9
70°-80°	355.8	2.6
80°-90°	93.2	0.7
90°-100°	580.4	4.2
100°-110°	1525.8	11.2
110°-120°	1582.1	11.6
120°-130°	1269.1	9.3
130°-140°	995.8	7.3
140°-150°	764.3	5.6
150°-160°	550.4	4.0
160°-170°	336.8	2.5
170°-180°	113.8	0.8
0°-30°	1702.0	12.5
0°-40°	2785.7	20.4
0°-60°	4824.4	35.3
0°-90°	5945.9	43.5
90°-120°	3688.4	27.0
90°-150°	6717.5	49.2
90°-180°	7719.0	56.5
0°-180°	13664.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2292	2292	2292	2292	2292	
5°	2302	2374	2302	1866	2302	218
15°	2198	2352	2198	1964	2198	619
25°	1936	2194	1936	1921	1936	889
35°	1472	1958	1472	1671	1472	911
45°	950	1613	950	1416	950	761
55°	774	1190	774	1162	774	711
65°	538	718	538	802	538	514
75°	204	340	204	408	204	214
85°	35	87	35	74	35	47
90°	8	30	8	30	8	8
95°	77	351	77	351	77	85
105°	275	2389	275	2389	275	291
115°	488	3076	488	3076	488	482
125°	679	2450	679	2450	679	603
135°	810	1901	810	1901	810	626
145°	939	1542	939	1542	939	588
155°	1061	1328	1061	1328	1061	488
165°	1145	1237	1145	1237	1145	323
175°	1191	1191	1191	1191	1191	113
180°	1191	1191	1191	1191	1191	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5
2.5°	2310.9	2310.9	2324.0	2328.3	2328.3	2321.8	2315.3	2321.8	2341.3	2347.8	2345.6
5°	2302.3	2319.6	2343.5	2347.8	2352.2	2350.0	2345.6	2350.0	2371.7	2376.0	2378.1
7.5°	2285.0	2317.4	2347.8	2354.3	2360.8	2354.3	2352.2	2356.5	2378.1	2382.5	2382.5
10°	2263.3	2308.8	2343.5	2347.8	2354.3	2347.8	2347.8	2356.5	2378.1	2382.5	2384.6
12.5°	2232.9	2295.8	2328.3	2332.6	2341.3	2339.1	2337.0	2345.6	2367.3	2371.7	2371.7
15°	2198.3	2271.9	2302.3	2306.7	2321.8	2317.4	2317.4	2326.1	2350.0	2356.5	2354.3
17.5°	2150.5	2241.6	2276.3	2282.7	2293.6	2291.5	2293.6	2302.3	2324.0	2328.3	2330.5
20°	2096.4	2200.4	2241.6	2248.1	2258.9	2258.9	2258.9	2269.8	2291.5	2300.1	2300.1
22.5°	2022.7	2157.0	2200.4	2204.8	2217.7	2217.7	2222.1	2237.2	2256.8	2258.9	2258.9
25°	1935.9	2109.4	2146.2	2159.2	2172.2	2178.7	2185.2	2193.9	2200.4	2198.3	2200.4
27.5°	1844.8	2048.6	2096.4	2105.0	2122.3	2128.8	2137.5	2139.7	2141.9	2148.4	2144.0
30°	1742.9	1964.1	2035.6	2044.3	2072.5	2076.8	2068.2	2072.5	2083.3	2087.7	2092.0
32.5°	1628.1	1838.3	1972.8	1992.3	2018.3	2005.3	2003.1	2009.6	2026.9	2026.9	2031.3
35°	1472.0	1740.8	1914.3	1931.6	1951.1	1935.9	1944.6	1946.7	1957.6	1964.1	1961.9
37.5°	1300.8	1656.2	1853.5	1866.5	1881.7	1862.2	1875.2	1881.7	1890.4	1886.1	1886.1
40°	1149.0	1524.0	1782.0	1790.7	1803.7	1788.5	1801.5	1805.9	1810.2	1805.9	1803.7
42.5°	1036.2	1378.7	1706.1	1717.0	1708.3	1719.1	1723.5	1732.2	1725.6	1717.0	1717.0
45°	949.5	1339.8	1623.7	1636.8	1623.7	1641.1	1647.6	1647.6	1628.1	1623.7	1621.6
47.5°	921.3	1261.7	1541.4	1541.4	1534.9	1556.6	1567.4	1552.2	1532.6	1526.2	1526.2
50°	919.2	1175.0	1428.6	1420.0	1450.3	1476.4	1465.5	1450.3	1435.1	1411.3	1411.3
52.5°	834.7	1068.8	1283.4	1315.9	1363.6	1378.7	1361.4	1346.3	1320.2	1309.4	1300.8
55°	773.9	958.2	1151.1	1216.2	1266.1	1285.5	1253.0	1237.9	1198.9	1192.4	1188.0
57.5°	760.9	797.8	1029.7	1112.2	1172.8	1170.7	1151.1	1122.9	1090.5	1084.0	1081.8
60°	698.1	576.6	899.7	997.2	1060.1	1053.6	1036.2	1010.3	979.9	975.6	971.2
62.5°	633.0	418.4	752.2	862.8	951.7	949.5	934.3	895.3	873.7	862.8	854.1
65°	537.7	351.2	535.5	717.6	845.5	849.8	817.3	789.1	765.3	752.2	750.1
67.5°	409.7	286.1	362.1	598.3	743.6	739.2	698.1	685.0	654.7	648.2	635.2
70°	303.5	190.8	251.5	485.6	643.8	633.0	600.5	585.3	557.1	541.9	533.3
72.5°	251.5	153.9	184.2	377.2	541.9	529.0	500.8	483.4	459.6	446.6	437.9
75°	203.8	162.6	140.9	279.6	440.0	431.4	405.4	388.0	368.6	351.2	353.4
77.5°	149.6	151.8	112.7	205.9	349.0	336.0	320.8	299.2	290.5	273.2	273.2
80°	112.7	119.2	84.6	140.9	251.5	251.5	238.5	223.3	208.2	199.4	199.4
82.5°	75.8	75.8	62.9	88.9	171.3	164.8	156.0	151.8	143.1	138.7	138.7
85°	34.7	43.4	39.0	54.2	93.2	97.5	97.5	93.2	91.1	86.7	88.9
87.5°	10.8	19.5	23.8	30.3	47.7	49.9	52.0	52.0	52.0	54.2	54.2
90°	8.0	14.4	20.8	22.4	35.2	52.2	60.7	54.0	40.5	30.4	30.4
92.5°	31.9	86.3	140.7	154.3	216.9	300.3	342.0	299.7	215.2	151.9	145.8
95°	76.7	176.1	275.6	300.5	533.6	844.3	999.7	892.1	676.8	515.4	497.1
97.5°	132.6	220.4	308.1	330.0	718.7	1236.9	1495.9	1427.9	1291.9	1189.9	1155.0
100°	175.8	255.4	334.9	354.8	786.1	1361.1	1648.6	1653.5	1663.5	1670.9	1629.5
102.5°	212.6	286.8	361.0	379.6	817.0	1400.1	1691.7	1778.3	1951.6	2081.6	2046.1
105°	274.9	337.7	400.6	416.3	839.9	1404.5	1686.9	1881.1	2269.7	2561.1	2542.0
107.5°	338.8	397.4	456.0	470.6	844.0	1342.0	1591.0	1862.0	2403.9	2810.4	2815.0
110°	382.0	434.9	487.8	501.0	837.7	1286.6	1511.0	1814.0	2419.9	2874.3	2894.2



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	424.3	474.7	525.1	537.8	838.0	1238.2	1438.4	1748.4	2368.5	2833.6	2864.1
115°	488.2	534.8	581.3	592.9	845.7	1182.7	1351.2	1649.9	2247.3	2695.3	2737.7
117.5°	551.3	593.6	635.9	646.5	861.5	1148.0	1291.4	1560.9	2100.0	2504.3	2551.3
120°	588.2	628.0	667.8	677.7	874.2	1136.3	1267.4	1513.7	2006.3	2375.7	2421.3
122.5°	624.1	664.3	704.4	714.4	892.6	1130.2	1249.0	1470.8	1914.4	2247.0	2292.1
125°	679.2	715.8	752.4	761.5	917.3	1125.1	1229.0	1417.4	1794.2	2076.8	2118.2
127.5°	724.0	760.9	797.8	807.1	942.1	1122.2	1212.2	1374.0	1697.5	1940.2	1975.2
130°	748.0	787.8	827.6	837.5	960.3	1124.0	1205.9	1349.9	1637.9	1853.9	1886.2
132.5°	772.7	812.5	852.3	862.2	974.9	1125.1	1200.2	1329.1	1587.0	1780.3	1809.3
135°	809.5	845.7	882.0	891.0	990.9	1124.0	1190.7	1298.6	1514.5	1676.5	1701.4
137.5°	847.0	882.9	918.8	927.8	1014.9	1131.0	1189.0	1280.3	1462.9	1599.8	1620.2
140°	878.2	911.3	944.2	952.5	1029.5	1132.1	1183.5	1262.3	1420.0	1538.3	1557.3
142.5°	902.1	932.7	963.3	970.9	1041.8	1136.2	1183.5	1252.7	1391.2	1495.1	1511.5
145°	938.9	965.6	992.2	998.9	1057.8	1136.2	1175.5	1232.1	1345.4	1430.4	1442.8
147.5°	975.7	1001.6	1027.5	1034.0	1081.2	1144.0	1175.5	1220.0	1309.1	1376.0	1386.3
150°	999.7	1023.1	1046.5	1052.4	1093.4	1148.1	1175.5	1213.1	1288.4	1344.8	1353.2
152.5°	1024.4	1042.2	1060.0	1064.4	1101.4	1150.8	1175.5	1207.6	1271.9	1320.1	1326.4
155°	1061.2	1074.3	1087.5	1090.7	1119.0	1156.7	1175.5	1201.0	1252.2	1290.5	1294.7
157.5°	1088.3	1101.1	1114.0	1117.1	1136.6	1162.5	1175.5	1195.4	1235.2	1265.0	1267.9
160°	1106.8	1116.7	1126.6	1129.1	1144.5	1165.1	1175.5	1192.5	1226.6	1252.2	1253.9
162.5°	1125.1	1132.6	1140.0	1141.9	1153.1	1168.0	1175.5	1189.8	1218.6	1240.2	1241.8
165°	1145.1	1151.9	1158.5	1160.2	1165.3	1172.0	1175.5	1185.8	1206.4	1221.8	1223.5
167.5°	1163.5	1166.7	1169.9	1170.7	1174.9	1180.7	1183.5	1190.2	1203.7	1213.8	1214.5
170°	1175.5	1178.6	1181.9	1182.6	1182.9	1183.3	1183.5	1190.2	1203.7	1213.8	1213.8
172.5°	1181.9	1182.5	1183.3	1183.5	1183.5	1183.5	1183.5	1188.8	1199.5	1207.4	1206.8
175°	1190.7	1190.7	1190.7	1190.7	1188.3	1185.1	1183.5	1186.8	1193.6	1198.6	1198.6
177.5°	1190.7	1190.7	1190.7	1190.7	1188.8	1186.3	1185.0	1187.7	1193.0	1197.1	1196.4
180°	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5
2.5°	2350.0	2343.5	2350.0	2345.6	2347.8	2341.3	2321.8	2315.3	2321.8	2328.3	2328.3
5°	2378.1	2373.8	2378.1	2378.1	2376.0	2371.7	2350.0	2345.6	2350.0	2352.2	2347.8
7.5°	2386.9	2380.4	2386.9	2382.5	2382.5	2378.1	2356.5	2352.2	2354.3	2360.8	2354.3
10°	2386.9	2380.4	2386.9	2384.6	2382.5	2378.1	2356.5	2347.8	2347.8	2354.3	2347.8
12.5°	2376.0	2371.7	2376.0	2371.7	2371.7	2367.3	2345.6	2337.0	2339.1	2341.3	2332.6
15°	2358.7	2352.2	2358.7	2354.3	2356.5	2350.0	2326.1	2317.4	2317.4	2321.8	2306.7
17.5°	2332.6	2324.0	2332.6	2330.5	2328.3	2324.0	2302.3	2293.6	2291.5	2293.6	2282.7
20°	2302.3	2295.8	2302.3	2300.1	2300.1	2291.5	2269.8	2258.9	2258.9	2258.9	2248.1
22.5°	2254.6	2248.1	2254.6	2258.9	2258.9	2256.8	2237.2	2222.1	2217.7	2217.7	2204.8
25°	2200.4	2193.9	2200.4	2200.4	2198.3	2200.4	2193.9	2185.2	2178.7	2172.2	2159.2
27.5°	2148.4	2144.0	2148.4	2144.0	2148.4	2141.9	2139.7	2137.5	2128.8	2122.3	2105.0
30°	2096.4	2092.0	2096.4	2092.0	2087.7	2083.3	2072.5	2068.2	2076.8	2072.5	2044.3
32.5°	2031.3	2026.9	2031.3	2031.3	2026.9	2026.9	2009.6	2003.1	2005.3	2018.3	1992.3
35°	1964.1	1957.6	1964.1	1961.9	1964.1	1957.6	1946.7	1944.6	1935.9	1951.1	1931.6
37.5°	1886.1	1879.5	1886.1	1886.1	1886.1	1890.4	1881.7	1875.2	1862.2	1881.7	1866.5
40°	1805.9	1797.2	1805.9	1803.7	1805.9	1810.2	1805.9	1801.5	1788.5	1803.7	1790.7
42.5°	1714.8	1712.6	1714.8	1717.0	1717.0	1725.6	1732.2	1723.5	1719.1	1708.3	1717.0
45°	1617.2	1612.9	1617.2	1621.6	1623.7	1628.1	1647.6	1647.6	1641.1	1623.7	1636.8
47.5°	1513.2	1502.3	1513.2	1526.2	1526.2	1532.6	1552.2	1567.4	1556.6	1534.9	1541.4
50°	1402.6	1404.8	1402.6	1411.3	1411.3	1435.1	1450.3	1465.5	1476.4	1450.3	1420.0
52.5°	1294.3	1292.0	1294.3	1300.8	1309.4	1320.2	1346.3	1361.4	1378.7	1363.6	1315.9
55°	1185.8	1190.1	1185.8	1188.0	1192.4	1198.9	1237.9	1253.0	1285.5	1266.1	1216.2
57.5°	1077.4	1070.9	1077.4	1081.8	1084.0	1090.5	1122.9	1151.1	1170.7	1172.8	1112.2
60°	951.7	943.0	951.7	971.2	975.6	979.9	1010.3	1036.2	1053.6	1060.1	997.2
62.5°	841.1	825.9	841.1	854.1	862.8	873.7	895.3	934.3	949.5	951.7	862.8
65°	724.0	717.6	724.0	750.1	752.2	765.3	789.1	817.3	849.8	845.5	717.6
67.5°	617.9	617.9	617.9	635.2	648.2	654.7	685.0	698.1	739.2	743.6	598.3
70°	520.2	518.1	520.2	533.3	541.9	557.1	585.3	600.5	633.0	643.8	485.6
72.5°	427.1	424.9	427.1	437.9	446.6	459.6	483.4	500.8	529.0	541.9	377.2
75°	344.7	340.4	344.7	353.4	351.2	368.6	388.0	405.4	431.4	440.0	279.6
77.5°	264.5	264.5	264.5	273.2	273.2	290.5	299.2	320.8	336.0	349.0	205.9
80°	197.3	195.1	197.3	199.4	199.4	208.2	223.3	238.5	251.5	251.5	140.9
82.5°	138.7	134.4	138.7	138.7	138.7	143.1	151.8	156.0	164.8	171.3	88.9
85°	86.7	86.7	86.7	88.9	86.7	91.1	93.2	97.5	97.5	93.2	54.2
87.5°	56.4	54.2	56.4	54.2	54.2	52.0	52.0	52.0	49.9	47.7	30.3
90°	30.4	30.4	30.4	30.4	30.4	40.5	54.0	60.7	52.2	35.2	22.4
92.5°	121.6	97.5	121.6	145.8	151.9	215.2	299.7	342.0	300.3	216.9	154.3
95°	423.9	350.8	423.9	497.1	515.4	676.8	892.1	999.7	844.3	533.6	300.5
97.5°	1015.8	876.6	1015.8	1155.0	1189.9	1291.9	1427.9	1495.9	1236.9	718.7	330.0
100°	1463.6	1297.8	1463.6	1629.5	1670.9	1663.5	1653.5	1648.6	1361.1	786.1	354.8
102.5°	1904.0	1762.0	1904.0	2046.1	2081.6	1951.6	1778.3	1691.7	1400.1	817.0	379.6
105°	2465.6	2389.3	2465.6	2542.0	2561.1	2269.7	1881.1	1686.9	1404.5	839.9	416.3
107.5°	2833.5	2851.9	2833.5	2815.0	2810.4	2403.9	1862.0	1591.0	1342.0	844.0	470.6
110°	2973.7	3053.3	2973.7	2894.2	2874.3	2419.9	1814.0	1511.0	1286.6	837.7	501.0



TEST NUMBER: P936137

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2986.3	3108.4	2986.3	2864.1	2833.6	2368.5	1748.4	1438.4	1238.2	838.0	537.8
115°	2907.0	3076.5	2907.0	2737.7	2695.3	2247.3	1649.9	1351.2	1182.7	845.7	592.9
117.5°	2739.2	2927.1	2739.2	2551.3	2504.3	2100.0	1560.9	1291.4	1148.0	861.5	646.5
120°	2603.9	2786.4	2603.9	2421.3	2375.7	2006.3	1513.7	1267.4	1136.3	874.2	677.7
122.5°	2472.1	2652.2	2472.1	2292.1	2247.0	1914.4	1470.8	1249.0	1130.2	892.6	714.4
125°	2284.1	2450.0	2284.1	2118.2	2076.8	1794.2	1417.4	1229.0	1125.1	917.3	761.5
127.5°	2115.1	2255.1	2115.1	1975.2	1940.2	1697.5	1374.0	1212.2	1122.2	942.1	807.1
130°	2015.5	2144.7	2015.5	1886.2	1853.9	1637.9	1349.9	1205.9	1124.0	960.3	837.5
132.5°	1925.0	2040.9	1925.0	1809.3	1780.3	1587.0	1329.1	1200.2	1125.1	974.9	862.2
135°	1801.3	1901.0	1801.3	1701.4	1676.5	1514.5	1298.6	1190.7	1124.0	990.9	891.0
137.5°	1701.9	1783.6	1701.9	1620.2	1599.8	1462.9	1280.3	1189.0	1131.0	1014.9	927.8
140°	1633.7	1710.0	1633.7	1557.3	1538.3	1420.0	1262.3	1183.5	1132.1	1029.5	952.5
142.5°	1577.2	1642.9	1577.2	1511.5	1495.1	1391.2	1252.7	1183.5	1136.2	1041.8	970.9
145°	1492.5	1542.2	1492.5	1442.8	1430.4	1345.4	1232.1	1175.5	1136.2	1057.8	998.9
147.5°	1427.5	1468.8	1427.5	1386.3	1376.0	1309.1	1220.0	1175.5	1144.0	1081.2	1034.0
150°	1386.6	1420.0	1386.6	1353.2	1344.8	1288.4	1213.1	1175.5	1148.1	1093.4	1052.4
152.5°	1351.6	1376.9	1351.6	1326.4	1320.1	1271.9	1207.6	1175.5	1150.8	1101.4	1064.4
155°	1311.3	1328.1	1311.3	1294.7	1290.5	1252.2	1201.0	1175.5	1156.7	1119.0	1090.7
157.5°	1279.7	1291.4	1279.7	1267.9	1265.0	1235.2	1195.4	1175.5	1162.5	1136.6	1117.1
160°	1260.6	1267.4	1260.6	1253.9	1252.2	1226.6	1192.5	1175.5	1165.1	1144.5	1129.1
162.5°	1248.1	1254.5	1248.1	1241.8	1240.2	1218.6	1189.8	1175.5	1168.0	1153.1	1141.9
165°	1230.2	1236.9	1230.2	1223.5	1221.8	1206.4	1185.8	1175.5	1172.0	1165.3	1160.2
167.5°	1217.4	1220.2	1217.4	1214.5	1213.8	1203.7	1190.2	1183.5	1180.7	1174.9	1170.7
170°	1213.8	1213.8	1213.8	1213.8	1213.8	1203.7	1190.2	1183.5	1183.3	1182.9	1182.6
172.5°	1204.3	1201.8	1204.3	1206.8	1207.4	1199.5	1188.8	1183.5	1183.5	1183.5	1183.5
175°	1198.6	1198.6	1198.6	1198.6	1198.6	1193.6	1186.8	1183.5	1185.1	1188.3	1190.7
177.5°	1193.5	1190.7	1193.5	1196.4	1197.1	1193.0	1187.7	1185.0	1186.3	1188.8	1190.7
180°	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7



TEST NUMBER: P936137

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5
2.5°	2324.0	2310.9	2310.9	2289.3	2280.6	2274.1	2263.3	2230.7	2222.1	2213.4	2226.4
5°	2343.5	2319.6	2302.3	2263.3	2230.7	2217.7	2176.6	2098.5	2046.5	2007.5	1985.8
7.5°	2347.8	2317.4	2285.0	2224.2	2146.2	2111.5	1985.8	1842.7	1803.7	1769.0	1747.3
10°	2343.5	2308.8	2263.3	2172.2	1988.0	1927.3	1801.5	1708.3	1684.4	1677.9	1684.4
12.5°	2328.3	2295.8	2232.9	2081.2	1823.2	1782.0	1708.3	1654.1	1649.7	1660.6	1719.1
15°	2302.3	2271.9	2198.3	1959.8	1732.2	1701.8	1649.7	1630.3	1654.1	1730.0	1905.6
17.5°	2276.3	2241.6	2150.5	1840.6	1662.7	1641.1	1604.2	1643.3	1777.7	1879.5	1938.1
20°	2241.6	2200.4	2096.4	1753.8	1612.9	1593.4	1576.0	1751.6	1853.5	1890.4	1922.9
22.5°	2200.4	2157.0	2022.7	1693.1	1560.8	1545.7	1556.6	1812.4	1853.5	1879.5	1907.7
25°	2146.2	2109.4	1935.9	1645.4	1519.7	1502.3	1543.5	1805.9	1829.7	1836.2	1892.6
27.5°	2096.4	2048.6	1844.8	1602.1	1469.8	1463.3	1554.3	1777.7	1795.0	1801.5	1862.2
30°	2035.6	1964.1	1742.9	1556.6	1417.8	1415.6	1556.6	1742.9	1738.7	1756.0	1816.6
32.5°	1972.8	1838.3	1628.1	1500.2	1368.0	1365.8	1541.4	1690.9	1686.6	1710.5	1756.0
35°	1914.3	1740.8	1472.0	1435.1	1305.0	1307.2	1504.5	1630.3	1632.4	1654.1	1682.3
37.5°	1853.5	1656.2	1300.8	1363.6	1244.4	1244.4	1454.7	1573.9	1569.5	1576.0	1615.1
40°	1782.0	1524.0	1149.0	1270.3	1188.0	1181.5	1393.9	1513.2	1498.0	1495.8	1550.1
42.5°	1706.1	1378.7	1036.2	1146.8	1122.9	1114.3	1320.2	1439.5	1411.3	1417.8	1487.1
45°	1623.7	1339.8	949.5	969.0	1055.8	1049.2	1240.0	1354.9	1335.4	1352.8	1424.3
47.5°	1541.4	1261.7	921.3	804.2	984.2	982.1	1151.1	1272.6	1261.7	1279.1	1354.9
50°	1428.6	1175.0	919.2	689.4	904.0	912.6	1044.9	1192.4	1192.4	1207.5	1287.7
52.5°	1283.4	1068.8	834.7	624.4	810.8	836.8	951.7	1122.9	1127.3	1142.5	1214.0
55°	1151.1	958.2	773.9	574.5	700.2	756.6	860.6	1051.4	1060.1	1075.3	1140.3
57.5°	1029.7	797.8	760.9	516.0	598.3	652.6	780.4	982.1	986.3	999.4	1062.3
60°	899.7	576.6	698.1	453.1	509.5	550.7	706.7	899.7	914.9	923.5	977.7
62.5°	752.2	418.4	633.0	409.7	466.1	474.7	646.1	821.6	841.1	847.6	880.2
65°	535.5	351.2	537.7	372.9	420.6	422.7	581.0	741.4	758.7	769.6	793.5
67.5°	362.1	286.1	409.7	338.1	385.9	388.0	518.1	648.2	672.0	680.7	695.9
70°	251.5	190.8	303.5	301.3	346.9	351.2	450.9	563.6	585.3	591.8	600.5
72.5°	184.2	153.9	251.5	271.0	305.7	310.0	381.5	468.2	489.9	496.4	500.8
75°	140.9	162.6	203.8	236.3	260.2	262.3	312.2	381.5	396.7	401.1	403.2
77.5°	112.7	151.8	149.6	190.8	212.4	208.2	245.0	294.8	307.8	307.8	307.8
80°	84.6	119.2	112.7	136.6	156.0	151.8	175.6	210.3	214.6	218.9	216.8
82.5°	62.9	75.8	75.8	86.7	104.0	99.8	117.1	136.6	136.6	136.6	140.9
85°	39.0	43.4	34.7	45.5	58.5	56.4	65.0	73.7	75.8	75.8	71.6
87.5°	23.8	19.5	10.8	17.3	26.1	26.1	30.3	32.5	30.3	30.3	30.3
90°	20.8	14.4	8.0	14.4	20.8	22.4	35.2	52.2	60.7	54.0	40.5
92.5°	140.7	86.3	31.9	86.3	140.7	154.3	216.9	300.3	342.0	299.7	215.2
95°	275.6	176.1	76.7	176.1	275.6	300.5	533.6	844.3	999.7	892.1	676.8
97.5°	308.1	220.4	132.6	220.4	308.1	330.0	718.7	1236.9	1495.9	1427.9	1291.9
100°	334.9	255.4	175.8	255.4	334.9	354.8	786.1	1361.1	1648.6	1653.5	1663.5
102.5°	361.0	286.8	212.6	286.8	361.0	379.6	817.0	1400.1	1691.7	1778.3	1951.6
105°	400.6	337.7	274.9	337.7	400.6	416.3	839.9	1404.5	1686.9	1881.1	2269.7
107.5°	456.0	397.4	338.8	397.4	456.0	470.6	844.0	1342.0	1591.0	1862.0	2403.9
110°	487.8	434.9	382.0	434.9	487.8	501.0	837.7	1286.6	1511.0	1814.0	2419.9



TEST NUMBER: P936137

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	525.1	474.7	424.3	474.7	525.1	537.8	838.0	1238.2	1438.4	1748.4	2368.5
115°	581.3	534.8	488.2	534.8	581.3	592.9	845.7	1182.7	1351.2	1649.9	2247.3
117.5°	635.9	593.6	551.3	593.6	635.9	646.5	861.5	1148.0	1291.4	1560.9	2100.0
120°	667.8	628.0	588.2	628.0	667.8	677.7	874.2	1136.3	1267.4	1513.7	2006.3
122.5°	704.4	664.3	624.1	664.3	704.4	714.4	892.6	1130.2	1249.0	1470.8	1914.4
125°	752.4	715.8	679.2	715.8	752.4	761.5	917.3	1125.1	1229.0	1417.4	1794.2
127.5°	797.8	760.9	724.0	760.9	797.8	807.1	942.1	1122.2	1212.2	1374.0	1697.5
130°	827.6	787.8	748.0	787.8	827.6	837.5	960.3	1124.0	1205.9	1349.9	1637.9
132.5°	852.3	812.5	772.7	812.5	852.3	862.2	974.9	1125.1	1200.2	1329.1	1587.0
135°	882.0	845.7	809.5	845.7	882.0	891.0	990.9	1124.0	1190.7	1298.6	1514.5
137.5°	918.8	882.9	847.0	882.9	918.8	927.8	1014.9	1131.0	1189.0	1280.3	1462.9
140°	944.2	911.3	878.2	911.3	944.2	952.5	1029.5	1132.1	1183.5	1262.3	1420.0
142.5°	963.3	932.7	902.1	932.7	963.3	970.9	1041.8	1136.2	1183.5	1252.7	1391.2
145°	992.2	965.6	938.9	965.6	992.2	998.9	1057.8	1136.2	1175.5	1232.1	1345.4
147.5°	1027.5	1001.6	975.7	1001.6	1027.5	1034.0	1081.2	1144.0	1175.5	1220.0	1309.1
150°	1046.5	1023.1	999.7	1023.1	1046.5	1052.4	1093.4	1148.1	1175.5	1213.1	1288.4
152.5°	1060.0	1042.2	1024.4	1042.2	1060.0	1064.4	1101.4	1150.8	1175.5	1207.6	1271.9
155°	1087.5	1074.3	1061.2	1074.3	1087.5	1090.7	1119.0	1156.7	1175.5	1201.0	1252.2
157.5°	1114.0	1101.1	1088.3	1101.1	1114.0	1117.1	1136.6	1162.5	1175.5	1195.4	1235.2
160°	1126.6	1116.7	1106.8	1116.7	1126.6	1129.1	1144.5	1165.1	1175.5	1192.5	1226.6
162.5°	1140.0	1132.6	1125.1	1132.6	1140.0	1141.9	1153.1	1168.0	1175.5	1189.8	1218.6
165°	1158.5	1151.9	1145.1	1151.9	1158.5	1160.2	1165.3	1172.0	1175.5	1185.8	1206.4
167.5°	1169.9	1166.7	1163.5	1166.7	1169.9	1170.7	1174.9	1180.7	1183.5	1190.2	1203.7
170°	1181.9	1178.6	1175.5	1178.6	1181.9	1182.6	1182.9	1183.3	1183.5	1190.2	1203.7
172.5°	1183.3	1182.5	1181.9	1182.5	1183.3	1183.5	1183.5	1183.5	1183.5	1188.8	1199.5
175°	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1188.3	1185.1	1183.5	1186.8	1193.6
177.5°	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1188.8	1186.3	1185.0	1187.7	1193.0
180°	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7



TEST NUMBER: P936137

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5
2.5°	2211.3	2204.8	2213.4	2189.6	2213.4	2204.8	2211.3	2226.4	2213.4	2222.1	2230.7
5°	1940.2	1929.4	1894.7	1866.5	1894.7	1929.4	1940.2	1985.8	2007.5	2046.5	2098.5
7.5°	1734.3	1725.6	1717.0	1699.6	1717.0	1725.6	1734.3	1747.3	1769.0	1803.7	1842.7
10°	1688.8	1690.9	1704.0	1701.8	1704.0	1690.9	1688.8	1684.4	1677.9	1684.4	1708.3
12.5°	1805.9	1825.4	1896.9	1892.6	1896.9	1825.4	1805.9	1719.1	1660.6	1649.7	1654.1
15°	1940.2	1946.7	1961.9	1964.1	1961.9	1946.7	1940.2	1905.6	1730.0	1654.1	1630.3
17.5°	1953.2	1955.4	1966.3	1966.3	1966.3	1955.4	1953.2	1938.1	1879.5	1777.7	1643.3
20°	1942.5	1946.7	1968.4	1972.8	1968.4	1946.7	1942.5	1922.9	1890.4	1853.5	1751.6
22.5°	1938.1	1946.7	1964.1	1961.9	1964.1	1946.7	1938.1	1907.7	1879.5	1853.5	1812.4
25°	1916.4	1916.4	1918.5	1920.8	1918.5	1916.4	1916.4	1892.6	1836.2	1829.7	1805.9
27.5°	1870.9	1875.2	1888.2	1886.1	1888.2	1875.2	1870.9	1862.2	1801.5	1795.0	1777.7
30°	1829.7	1825.4	1814.5	1805.9	1814.5	1825.4	1829.7	1816.6	1756.0	1738.7	1742.9
32.5°	1760.4	1749.5	1738.7	1732.2	1738.7	1749.5	1760.4	1756.0	1710.5	1686.6	1690.9
35°	1677.9	1680.1	1677.9	1671.4	1677.9	1680.1	1677.9	1682.3	1654.1	1632.4	1630.3
37.5°	1619.4	1623.7	1621.6	1612.9	1621.6	1623.7	1619.4	1615.1	1576.0	1569.5	1573.9
40°	1558.7	1560.8	1558.7	1552.2	1558.7	1560.8	1558.7	1550.1	1495.8	1498.0	1513.2
42.5°	1500.2	1498.0	1491.5	1487.1	1491.5	1498.0	1500.2	1487.1	1417.8	1411.3	1439.5
45°	1433.0	1435.1	1422.1	1415.6	1422.1	1435.1	1433.0	1424.3	1352.8	1335.4	1354.9
47.5°	1365.8	1365.8	1354.9	1348.4	1354.9	1365.8	1365.8	1354.9	1279.1	1261.7	1272.6
50°	1294.3	1292.0	1276.9	1274.7	1276.9	1292.0	1294.3	1287.7	1207.5	1192.4	1192.4
52.5°	1211.8	1211.8	1214.0	1218.3	1214.0	1211.8	1211.8	1214.0	1142.5	1127.3	1122.9
55°	1140.3	1142.5	1157.7	1162.0	1157.7	1142.5	1140.3	1140.3	1075.3	1060.1	1051.4
57.5°	1066.6	1066.6	1077.4	1077.4	1077.4	1066.6	1066.6	1062.3	999.4	986.3	982.1
60°	982.1	986.3	995.1	992.9	995.1	986.3	982.1	977.7	923.5	914.9	899.7
62.5°	893.2	897.5	899.7	895.3	899.7	897.5	893.2	880.2	847.6	841.1	821.6
65°	800.0	804.2	806.5	802.1	806.5	804.2	800.0	793.5	769.6	758.7	741.4
67.5°	704.6	702.3	700.2	708.9	700.2	702.3	704.6	695.9	680.7	672.0	648.2
70°	607.0	607.0	604.8	609.2	604.8	607.0	607.0	600.5	591.8	585.3	563.6
72.5°	502.9	500.8	509.5	502.9	509.5	500.8	502.9	500.8	496.4	489.9	468.2
75°	401.1	405.4	401.1	407.6	401.1	405.4	401.1	403.2	401.1	396.7	381.5
77.5°	305.7	310.0	305.7	305.7	305.7	310.0	305.7	307.8	307.8	307.8	294.8
80°	216.8	214.6	214.6	212.4	214.6	214.6	216.8	216.8	218.9	214.6	210.3
82.5°	138.7	136.6	136.6	140.9	136.6	136.6	138.7	140.9	136.6	136.6	136.6
85°	75.8	78.1	73.7	73.7	73.7	78.1	75.8	71.6	75.8	75.8	73.7
87.5°	28.2	26.1	26.1	26.1	26.1	26.1	28.2	30.3	30.3	30.3	32.5
90°	30.4	30.4	30.4	30.4	30.4	30.4	30.4	40.5	54.0	60.7	52.2
92.5°	151.9	145.8	121.6	97.5	121.6	145.8	151.9	215.2	299.7	342.0	300.3
95°	515.4	497.1	423.9	350.8	423.9	497.1	515.4	676.8	892.1	999.7	844.3
97.5°	1189.9	1155.0	1015.8	876.6	1015.8	1155.0	1189.9	1291.9	1427.9	1495.9	1236.9
100°	1670.9	1629.5	1463.6	1297.8	1463.6	1629.5	1670.9	1663.5	1653.5	1648.6	1361.1
102.5°	2081.6	2046.1	1904.0	1762.0	1904.0	2046.1	2081.6	1951.6	1778.3	1691.7	1400.1
105°	2561.1	2542.0	2465.6	2389.3	2465.6	2542.0	2561.1	2269.7	1881.1	1686.9	1404.5
107.5°	2810.4	2815.0	2833.5	2851.9	2833.5	2815.0	2810.4	2403.9	1862.0	1591.0	1342.0
110°	2874.3	2894.2	2973.7	3053.3	2973.7	2894.2	2874.3	2419.9	1814.0	1511.0	1286.6



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2833.6	2864.1	2986.3	3108.4	2986.3	2864.1	2833.6	2368.5	1748.4	1438.4	1238.2
115°	2695.3	2737.7	2907.0	3076.5	2907.0	2737.7	2695.3	2247.3	1649.9	1351.2	1182.7
117.5°	2504.3	2551.3	2739.2	2927.1	2739.2	2551.3	2504.3	2100.0	1560.9	1291.4	1148.0
120°	2375.7	2421.3	2603.9	2786.4	2603.9	2421.3	2375.7	2006.3	1513.7	1267.4	1136.3
122.5°	2247.0	2292.1	2472.1	2652.2	2472.1	2292.1	2247.0	1914.4	1470.8	1249.0	1130.2
125°	2076.8	2118.2	2284.1	2450.0	2284.1	2118.2	2076.8	1794.2	1417.4	1229.0	1125.1
127.5°	1940.2	1975.2	2115.1	2255.1	2115.1	1975.2	1940.2	1697.5	1374.0	1212.2	1122.2
130°	1853.9	1886.2	2015.5	2144.7	2015.5	1886.2	1853.9	1637.9	1349.9	1205.9	1124.0
132.5°	1780.3	1809.3	1925.0	2040.9	1925.0	1809.3	1780.3	1587.0	1329.1	1200.2	1125.1
135°	1676.5	1701.4	1801.3	1901.0	1801.3	1701.4	1676.5	1514.5	1298.6	1190.7	1124.0
137.5°	1599.8	1620.2	1701.9	1783.6	1701.9	1620.2	1599.8	1462.9	1280.3	1189.0	1131.0
140°	1538.3	1557.3	1633.7	1710.0	1633.7	1557.3	1538.3	1420.0	1262.3	1183.5	1132.1
142.5°	1495.1	1511.5	1577.2	1642.9	1577.2	1511.5	1495.1	1391.2	1252.7	1183.5	1136.2
145°	1430.4	1442.8	1492.5	1542.2	1492.5	1442.8	1430.4	1345.4	1232.1	1175.5	1136.2
147.5°	1376.0	1386.3	1427.5	1468.8	1427.5	1386.3	1376.0	1309.1	1220.0	1175.5	1144.0
150°	1344.8	1353.2	1386.6	1420.0	1386.6	1353.2	1344.8	1288.4	1213.1	1175.5	1148.1
152.5°	1320.1	1326.4	1351.6	1376.9	1351.6	1326.4	1320.1	1271.9	1207.6	1175.5	1150.8
155°	1290.5	1294.7	1311.3	1328.1	1311.3	1294.7	1290.5	1252.2	1201.0	1175.5	1156.7
157.5°	1265.0	1267.9	1279.7	1291.4	1279.7	1267.9	1265.0	1235.2	1195.4	1175.5	1162.5
160°	1252.2	1253.9	1260.6	1267.4	1260.6	1253.9	1252.2	1226.6	1192.5	1175.5	1165.1
162.5°	1240.2	1241.8	1248.1	1254.5	1248.1	1241.8	1240.2	1218.6	1189.8	1175.5	1168.0
165°	1221.8	1223.5	1230.2	1236.9	1230.2	1223.5	1221.8	1206.4	1185.8	1175.5	1172.0
167.5°	1213.8	1214.5	1217.4	1220.2	1217.4	1214.5	1213.8	1203.7	1190.2	1183.5	1180.7
170°	1213.8	1213.8	1213.8	1213.8	1213.8	1213.8	1213.8	1203.7	1190.2	1183.5	1183.3
172.5°	1207.4	1206.8	1204.3	1201.8	1204.3	1206.8	1207.4	1199.5	1188.8	1183.5	1183.5
175°	1198.6	1198.6	1198.6	1198.6	1198.6	1198.6	1198.6	1193.6	1186.8	1183.5	1185.1
177.5°	1197.1	1196.4	1193.5	1190.7	1193.5	1196.4	1197.1	1193.0	1187.7	1185.0	1186.3
180°	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7	1190.7



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2291.5	2291.5	2291.5	2291.5	2291.5
2.5°	2263.3	2274.1	2280.6	2289.3	2310.9
5°	2176.6	2217.7	2230.7	2263.3	2302.3
7.5°	1985.8	2111.5	2146.2	2224.2	2285.0
10°	1801.5	1927.3	1988.0	2172.2	2263.3
12.5°	1708.3	1782.0	1823.2	2081.2	2232.9
15°	1649.7	1701.8	1732.2	1959.8	2198.3
17.5°	1604.2	1641.1	1662.7	1840.6	2150.5
20°	1576.0	1593.4	1612.9	1753.8	2096.4
22.5°	1556.6	1545.7	1560.8	1693.1	2022.7
25°	1543.5	1502.3	1519.7	1645.4	1935.9
27.5°	1554.3	1463.3	1469.8	1602.1	1844.8
30°	1556.6	1415.6	1417.8	1556.6	1742.9
32.5°	1541.4	1365.8	1368.0	1500.2	1628.1
35°	1504.5	1307.2	1305.0	1435.1	1472.0
37.5°	1454.7	1244.4	1244.4	1363.6	1300.8
40°	1393.9	1181.5	1188.0	1270.3	1149.0
42.5°	1320.2	1114.3	1122.9	1146.8	1036.2
45°	1240.0	1049.2	1055.8	969.0	949.5
47.5°	1151.1	982.1	984.2	804.2	921.3
50°	1044.9	912.6	904.0	689.4	919.2
52.5°	951.7	836.8	810.8	624.4	834.7
55°	860.6	756.6	700.2	574.5	773.9
57.5°	780.4	652.6	598.3	516.0	760.9
60°	706.7	550.7	509.5	453.1	698.1
62.5°	646.1	474.7	466.1	409.7	633.0
65°	581.0	422.7	420.6	372.9	537.7
67.5°	518.1	388.0	385.9	338.1	409.7
70°	450.9	351.2	346.9	301.3	303.5
72.5°	381.5	310.0	305.7	271.0	251.5
75°	312.2	262.3	260.2	236.3	203.8
77.5°	245.0	208.2	212.4	190.8	149.6
80°	175.6	151.8	156.0	136.6	112.7
82.5°	117.1	99.8	104.0	86.7	75.8
85°	65.0	56.4	58.5	45.5	34.7
87.5°	30.3	26.1	26.1	17.3	10.8
90°	35.2	22.4	20.8	14.4	8.0
92.5°	216.9	154.3	140.7	86.3	31.9
95°	533.6	300.5	275.6	176.1	76.7
97.5°	718.7	330.0	308.1	220.4	132.6
100°	786.1	354.8	334.9	255.4	175.8
102.5°	817.0	379.6	361.0	286.8	212.6
105°	839.9	416.3	400.6	337.7	274.9
107.5°	844.0	470.6	456.0	397.4	338.8
110°	837.7	501.0	487.8	434.9	382.0



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CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	838.0	537.8	525.1	474.7	424.3
115°	845.7	592.9	581.3	534.8	488.2
117.5°	861.5	646.5	635.9	593.6	551.3
120°	874.2	677.7	667.8	628.0	588.2
122.5°	892.6	714.4	704.4	664.3	624.1
125°	917.3	761.5	752.4	715.8	679.2
127.5°	942.1	807.1	797.8	760.9	724.0
130°	960.3	837.5	827.6	787.8	748.0
132.5°	974.9	862.2	852.3	812.5	772.7
135°	990.9	891.0	882.0	845.7	809.5
137.5°	1014.9	927.8	918.8	882.9	847.0
140°	1029.5	952.5	944.2	911.3	878.2
142.5°	1041.8	970.9	963.3	932.7	902.1
145°	1057.8	998.9	992.2	965.6	938.9
147.5°	1081.2	1034.0	1027.5	1001.6	975.7
150°	1093.4	1052.4	1046.5	1023.1	999.7
152.5°	1101.4	1064.4	1060.0	1042.2	1024.4
155°	1119.0	1090.7	1087.5	1074.3	1061.2
157.5°	1136.6	1117.1	1114.0	1101.1	1088.3
160°	1144.5	1129.1	1126.6	1116.7	1106.8
162.5°	1153.1	1141.9	1140.0	1132.6	1125.1
165°	1165.3	1160.2	1158.5	1151.9	1145.1
167.5°	1174.9	1170.7	1169.9	1166.7	1163.5
170°	1182.9	1182.6	1181.9	1178.6	1175.5
172.5°	1183.5	1183.5	1183.3	1182.5	1181.9
175°	1188.3	1190.7	1190.7	1190.7	1190.7
177.5°	1188.8	1190.7	1190.7	1190.7	1190.7
180°	1190.7	1190.7	1190.7	1190.7	1190.7



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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	13.38	14.19	14.39	15.21	16.57	16.21	17.01	17.22	18.03	19.40
	3H	13.86	14.58	14.88	15.61	16.99	17.55	18.27	18.57	19.30	20.68
	4H	14.05	14.73	15.08	15.76	17.15	17.99	18.67	19.02	19.70	21.09
	6H	14.16	14.79	15.21	15.83	17.23	18.27	18.90	19.31	19.93	21.34
	8H	14.16	14.76	15.21	15.81	17.21	18.34	18.94	19.39	19.99	21.39
	12H	14.13	14.70	15.18	15.75	17.17	18.38	18.95	19.43	19.99	21.41
4H	2H	14.41	15.09	15.45	16.12	17.51	16.61	17.29	17.65	18.33	19.72
	3H	15.43	16.00	16.48	17.06	18.46	18.11	18.68	19.16	19.74	21.14
	4H	15.70	16.23	16.76	17.28	18.70	18.63	19.16	19.69	20.21	21.63
	6H	15.83	16.27	16.89	17.35	18.77	19.00	19.44	20.06	20.52	21.94
	8H	15.83	16.25	16.90	17.32	18.75	19.10	19.52	20.17	20.59	22.02
	12H	15.79	16.17	16.88	17.25	18.69	19.15	19.53	20.24	20.61	22.05
8H	4H	16.15	16.57	17.22	17.64	19.07	18.75	19.17	19.82	20.24	21.68
	6H	16.41	16.76	17.50	17.87	19.30	19.19	19.53	20.28	20.64	22.07
	8H	16.45	16.76	17.55	17.85	19.30	19.34	19.64	20.43	20.73	22.19
	12H	16.43	16.70	17.53	17.79	19.28	19.43	19.70	20.53	20.79	22.28
12H	4H	16.16	16.53	17.24	17.62	19.06	18.72	19.09	19.80	20.18	21.62
	6H	16.47	16.78	17.57	17.87	19.32	19.18	19.49	20.28	20.58	22.03
	8H	16.54	16.80	17.63	17.89	19.38	19.34	19.61	20.44	20.70	22.19