

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: P935637

Luminaire Tested: SQ4-FA-125U-100D-92765-1D-UNV-STD-W-6-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935637
REPORT IS A COMBINATION OF REPORTS P933763 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-100D-92765-1D-UNV-STD-W-6-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

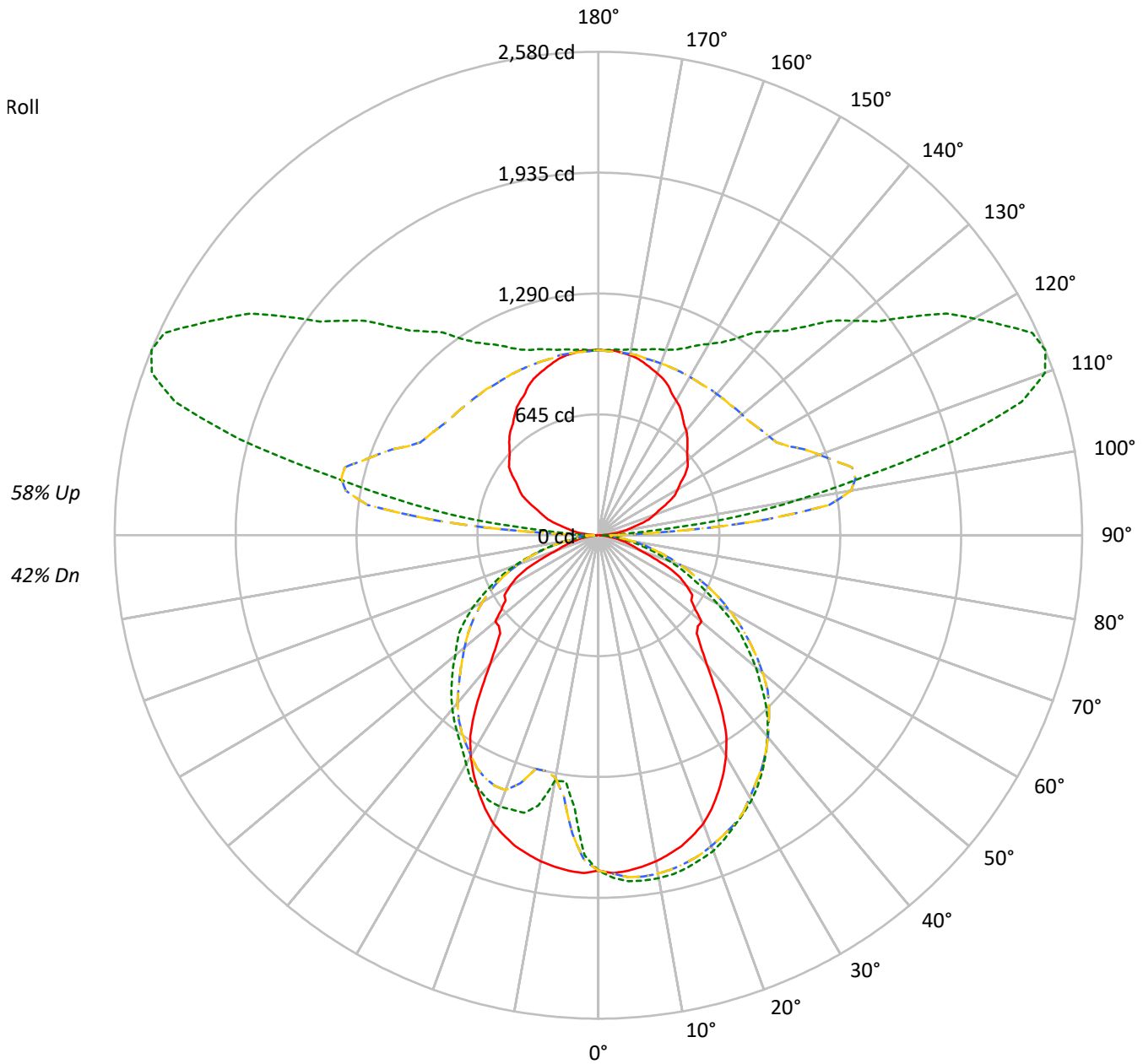
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11049.8 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): 96.6
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	0
RCR																		
0	105	105	105	105	96	96	96	96	79	79	79	63	63	63	49	49	49	42
1	96	92	88	85	88	84	81	78	69	67	65	56	54	53	43	42	41	35
2	87	80	74	69	80	73	68	64	61	57	54	49	46	44	38	36	35	30
3	80	70	63	57	72	65	58	53	53	49	45	43	40	37	34	31	30	25
4	73	62	54	49	66	57	50	45	47	42	38	38	35	32	30	28	25	22
5	67	55	47	41	61	51	44	39	42	37	33	34	31	27	27	24	22	19
6	62	50	42	36	56	46	39	33	38	33	29	31	27	24	24	22	19	16
7	57	45	37	31	52	41	34	29	34	29	25	28	24	21	22	19	17	15
8	53	40	33	28	48	37	31	26	31	26	22	26	22	19	20	18	15	13
9	49	37	30	25	45	34	27	23	29	24	20	24	20	17	19	16	14	12
10	46	34	27	22	42	31	25	21	26	21	18	22	18	15	17	15	13	11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11068	11068	11068	11068
5°	11146	11172	11146	8785
10°	11068	11005	11068	7868
15°	10943	10767	10943	8990
20°	10710	10484	10710	9009
25°	10237	10073	10237	8818
30°	9628	9730	9628	8399
35°	8579	9297	8579	7938
40°	7145	8789	7145	7590
45°	6380	8192	6380	7190
50°	6772	7481	6772	6788
55°	6366	6715	6366	6557
60°	6554	5703	6554	6005
65°	5933	4714	5933	5269
70°	4097	3757	4097	4417
75°	3580	2777	3580	3326
80°	2864	1837	2864	2000
85°	1616	972	1616	827

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 9784 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	161.5	1.5
10°-20°	458.5	4.1
20°-30°	708.8	6.4
30°-40°	846.2	7.7
40°-50°	851.1	7.7
50°-60°	740.6	6.7
60°-70°	525.1	4.8
70°-80°	277.8	2.5
80°-90°	73.0	0.7
90°-100°	481.8	4.4
100°-110°	1266.6	11.5
110°-120°	1313.4	11.9
120°-130°	1053.5	9.5
130°-140°	826.6	7.5
140°-150°	634.5	5.7
150°-160°	456.9	4.1
160°-170°	279.6	2.5
170°-180°	94.5	0.9
0°-30°	1328.8	12.0
0°-40°	2175.0	19.7
0°-60°	3766.7	34.1
0°-90°	4642.6	42.0
90°-120°	3061.8	27.7
90°-150°	5576.3	50.5
90°-180°	6407.0	58.0
0°-180°	11049.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1789	1789	1789	1789	1789	
5°	1798	1853	1798	1457	1798	171
15°	1716	1836	1716	1534	1716	483
25°	1512	1713	1512	1500	1512	694
35°	1149	1528	1149	1305	1149	711
45°	741	1259	741	1105	741	594
55°	604	929	604	907	604	555
65°	420	560	420	626	420	401
75°	159	266	159	318	159	167
85°	27	68	27	58	27	37
90°	7	25	7	25	7	7
95°	64	291	64	291	64	71
105°	228	1983	228	1983	228	242
115°	405	2554	405	2554	405	400
125°	564	2034	564	2034	564	501
135°	672	1578	672	1578	672	520
145°	779	1280	779	1280	779	488
155°	881	1102	881	1102	881	405
165°	951	1027	951	1027	951	268
175°	988	995	988	995	988	94
180°	988	988	988	988	988	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1789.1	1789.1	1789.1	1789.1	1789.1	1789.1	1789.1	1789.1	1789.1	1789.1	1789.1
2.5°	1804.3	1804.3	1814.5	1817.8	1817.8	1812.8	1807.7	1812.8	1828.0	1833.1	1831.4
5°	1797.5	1811.1	1829.7	1833.1	1836.5	1834.8	1831.4	1834.8	1851.7	1855.1	1856.8
7.5°	1784.0	1809.4	1833.1	1838.2	1843.2	1838.2	1836.5	1839.9	1856.8	1860.2	1860.2
10°	1767.1	1802.6	1829.7	1833.1	1838.2	1833.1	1833.1	1839.9	1856.8	1860.2	1861.8
12.5°	1743.4	1792.5	1817.8	1821.3	1828.0	1826.3	1824.6	1831.4	1848.3	1851.7	1851.7
15°	1716.3	1773.9	1797.5	1800.9	1812.8	1809.4	1809.4	1816.1	1834.8	1839.9	1838.2
17.5°	1679.0	1750.1	1777.3	1782.3	1790.8	1789.1	1790.8	1797.5	1814.5	1817.8	1819.5
20°	1636.8	1718.0	1750.1	1755.2	1763.7	1763.7	1763.7	1772.1	1789.1	1795.9	1795.9
22.5°	1579.2	1684.2	1718.0	1721.4	1731.6	1731.6	1734.9	1746.8	1762.0	1763.7	1763.7
25°	1511.5	1646.9	1675.7	1685.8	1696.0	1701.1	1706.1	1713.0	1718.0	1716.3	1718.0
27.5°	1440.4	1599.5	1636.8	1643.5	1657.1	1662.1	1668.9	1670.6	1672.3	1677.3	1674.0
30°	1360.9	1533.5	1589.4	1596.1	1618.1	1621.5	1614.7	1618.1	1626.6	1630.0	1633.3
32.5°	1271.1	1435.4	1540.2	1555.5	1575.8	1565.6	1564.0	1569.0	1582.6	1582.6	1585.9
35°	1149.3	1359.2	1494.6	1508.1	1523.3	1511.5	1518.3	1519.9	1528.4	1533.5	1531.8
37.5°	1015.6	1293.1	1447.1	1457.3	1469.2	1454.0	1464.1	1469.2	1475.9	1472.6	1472.6
40°	897.1	1189.9	1391.3	1398.1	1408.3	1396.4	1406.6	1409.9	1413.3	1409.9	1408.3
42.5°	809.0	1076.5	1332.1	1340.6	1333.8	1342.3	1345.6	1352.4	1347.3	1340.6	1340.6
45°	741.4	1046.1	1267.8	1277.9	1267.8	1281.3	1286.4	1286.4	1271.1	1267.8	1266.1
47.5°	719.3	985.1	1203.5	1203.5	1198.3	1215.3	1223.7	1211.9	1196.6	1191.6	1191.6
50°	717.6	917.4	1115.4	1108.7	1132.3	1152.6	1144.2	1132.3	1120.5	1101.9	1101.9
52.5°	651.6	834.5	1002.0	1027.4	1064.7	1076.5	1063.0	1051.1	1030.8	1022.3	1015.6
55°	604.3	748.1	898.8	949.5	988.5	1003.7	978.3	966.4	936.0	930.9	927.6
57.5°	594.1	622.9	804.0	868.3	915.7	914.0	898.8	876.8	851.4	846.3	844.6
60°	545.0	450.2	702.4	778.6	827.7	822.6	809.0	788.8	765.0	761.7	758.3
62.5°	494.2	326.7	587.3	673.7	743.1	741.4	729.5	699.0	682.1	673.7	666.9
65°	419.8	274.2	418.1	560.2	660.2	663.5	638.1	616.1	597.5	587.3	585.7
67.5°	319.9	223.4	282.6	467.1	580.6	577.2	545.0	534.9	511.2	506.1	495.9
70°	236.9	149.0	196.4	379.1	502.7	494.2	468.8	457.0	435.0	423.1	416.4
72.5°	196.4	120.2	143.8	294.5	423.1	413.0	391.0	377.4	358.8	348.7	341.9
75°	159.1	126.9	110.0	218.3	343.6	336.9	316.5	303.0	287.8	274.2	275.9
77.5°	116.8	118.5	88.0	160.8	272.5	262.4	250.5	233.6	226.8	213.3	213.3
80°	88.0	93.1	66.0	110.0	196.4	196.4	186.2	174.3	162.5	155.7	155.7
82.5°	59.3	59.3	49.1	69.4	133.8	128.6	121.9	118.5	111.7	108.3	108.3
85°	27.1	33.8	30.5	42.3	72.8	76.2	76.2	72.8	71.1	67.7	69.4
87.5°	8.5	15.2	18.6	23.7	37.2	38.9	40.7	40.7	40.7	42.3	42.3
90°	6.7	12.0	17.3	18.5	29.1	43.3	50.4	44.8	33.6	25.2	25.2
92.5°	26.6	71.7	116.8	128.0	180.0	249.2	283.9	248.8	178.7	126.1	121.0
95°	63.7	146.2	228.7	249.4	442.9	700.9	829.9	740.5	561.8	427.8	412.6
97.5°	110.1	182.9	255.7	273.9	596.5	1026.7	1241.8	1185.4	1072.4	987.7	958.8
100°	146.0	212.0	278.0	294.5	652.5	1129.8	1368.5	1372.6	1380.9	1387.0	1352.6
102.5°	176.5	238.0	299.7	315.1	678.2	1162.2	1404.3	1476.2	1620.1	1728.0	1698.5
105°	228.2	280.4	332.5	345.6	697.1	1166.0	1400.3	1561.6	1884.1	2126.0	2110.1
107.5°	281.3	329.9	378.5	390.7	700.7	1114.0	1320.7	1545.7	1995.6	2333.0	2336.8
110°	317.1	361.0	404.9	415.9	695.3	1068.0	1254.4	1505.8	2008.8	2386.1	2402.6



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	352.2	394.1	435.9	446.5	695.6	1027.9	1194.0	1451.3	1966.1	2352.2	2377.6
115°	405.3	443.9	482.6	492.2	702.1	981.8	1121.7	1369.7	1865.6	2237.5	2272.7
117.5°	457.7	492.8	527.9	536.6	715.1	953.0	1071.9	1295.7	1743.3	2078.9	2117.9
120°	488.2	521.3	554.2	562.5	725.7	943.2	1052.0	1256.5	1665.4	1972.1	2010.0
122.5°	518.1	551.4	584.7	593.0	741.0	938.2	1036.8	1221.0	1589.2	1865.3	1902.7
125°	563.8	594.2	624.5	632.1	761.5	934.0	1020.3	1176.6	1489.4	1724.1	1758.5
127.5°	601.0	631.6	662.3	670.0	782.1	931.6	1006.3	1140.6	1409.2	1610.6	1639.7
130°	620.9	653.9	686.9	695.2	797.1	933.0	1001.0	1120.5	1359.6	1539.0	1565.8
132.5°	641.5	674.5	707.5	715.8	809.3	934.0	996.3	1103.4	1317.4	1477.9	1501.9
135°	671.9	702.0	732.1	739.6	822.5	933.1	988.4	1078.0	1257.3	1391.7	1412.4
137.5°	703.1	732.9	762.7	770.2	842.4	938.9	987.0	1062.8	1214.3	1328.0	1344.9
140°	729.0	756.4	783.8	790.7	854.6	939.8	982.4	1047.8	1178.8	1276.9	1292.8
142.5°	748.9	774.3	799.6	806.0	864.8	943.2	982.4	1039.9	1154.9	1241.1	1254.8
145°	779.4	801.5	823.6	829.2	878.0	943.2	975.8	1022.8	1116.9	1187.4	1197.7
147.5°	810.0	831.5	853.0	858.4	897.5	949.7	975.8	1012.7	1086.8	1142.3	1150.9
150°	829.9	849.3	868.7	873.6	907.7	953.0	975.8	1007.0	1069.5	1116.4	1123.3
152.5°	850.4	865.1	879.9	883.6	914.3	955.3	975.8	1002.4	1055.8	1095.8	1101.1
155°	880.9	891.9	902.7	905.5	928.9	960.1	975.8	997.0	1039.5	1071.3	1074.8
157.5°	903.5	914.1	924.7	927.3	943.5	965.0	975.8	992.2	1025.3	1050.1	1052.5
160°	918.7	927.0	935.3	937.3	950.1	967.2	975.8	989.9	1018.2	1039.5	1040.8
162.5°	934.0	940.1	946.4	947.9	957.2	969.6	975.8	987.7	1011.5	1029.5	1030.8
165°	950.6	956.2	961.8	963.2	967.4	972.9	975.8	984.3	1001.5	1014.3	1015.6
167.5°	965.8	968.5	971.1	971.8	975.3	980.0	982.4	988.1	999.2	1007.6	1008.2
170°	975.8	978.4	981.1	981.7	982.0	982.2	982.4	988.1	999.2	1007.6	1007.6
172.5°	981.1	981.6	982.2	982.4	982.4	982.4	982.4	986.9	995.7	1002.3	1001.8
175°	988.4	988.4	988.4	988.4	986.4	983.8	982.4	985.2	990.9	995.1	995.1
177.5°	988.4	988.4	988.4	988.4	986.9	984.7	983.7	985.9	990.4	993.7	993.1
180°	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1789.1	1789.1	1789.1	1789.1	1789.1	1789.1	1789.1	1789.1	1789.1	1789.1	1789.1
2.5°	1834.8	1829.7	1834.8	1831.4	1833.1	1828.0	1812.8	1807.7	1812.8	1817.8	1817.8
5°	1856.8	1853.4	1856.8	1856.8	1855.1	1851.7	1834.8	1831.4	1834.8	1836.5	1833.1
7.5°	1863.5	1858.5	1863.5	1860.2	1860.2	1856.8	1839.9	1836.5	1838.2	1843.2	1838.2
10°	1863.5	1858.5	1863.5	1861.8	1860.2	1856.8	1839.9	1833.1	1833.1	1838.2	1833.1
12.5°	1855.1	1851.7	1855.1	1851.7	1851.7	1848.3	1831.4	1824.6	1826.3	1828.0	1821.3
15°	1841.6	1836.5	1841.6	1838.2	1839.9	1834.8	1816.1	1809.4	1809.4	1812.8	1800.9
17.5°	1821.3	1814.5	1821.3	1819.5	1817.8	1814.5	1797.5	1790.8	1789.1	1790.8	1782.3
20°	1797.5	1792.5	1797.5	1795.9	1795.9	1789.1	1772.1	1763.7	1763.7	1763.7	1755.2
22.5°	1760.3	1755.2	1760.3	1763.7	1763.7	1762.0	1746.8	1734.9	1731.6	1731.6	1721.4
25°	1718.0	1713.0	1718.0	1718.0	1716.3	1718.0	1713.0	1706.1	1701.1	1696.0	1685.8
27.5°	1677.3	1674.0	1677.3	1674.0	1677.3	1672.3	1670.6	1668.9	1662.1	1657.1	1643.5
30°	1636.8	1633.3	1636.8	1633.3	1630.0	1626.6	1618.1	1614.7	1621.5	1618.1	1596.1
32.5°	1585.9	1582.6	1585.9	1585.9	1582.6	1582.6	1569.0	1564.0	1565.6	1575.8	1555.5
35°	1533.5	1528.4	1533.5	1531.8	1533.5	1528.4	1519.9	1518.3	1511.5	1523.3	1508.1
37.5°	1472.6	1467.5	1472.6	1472.6	1472.6	1475.9	1469.2	1464.1	1454.0	1469.2	1457.3
40°	1409.9	1403.2	1409.9	1408.3	1409.9	1413.3	1409.9	1406.6	1396.4	1408.3	1398.1
42.5°	1338.8	1337.1	1338.8	1340.6	1340.6	1347.3	1352.4	1345.6	1342.3	1333.8	1340.6
45°	1262.7	1259.3	1262.7	1266.1	1267.8	1271.1	1286.4	1286.4	1281.3	1267.8	1277.9
47.5°	1181.4	1173.0	1181.4	1191.6	1191.6	1196.6	1211.9	1223.7	1215.3	1198.3	1203.5
50°	1095.1	1096.8	1095.1	1101.9	1101.9	1120.5	1132.3	1144.2	1152.6	1132.3	1108.7
52.5°	1010.5	1008.8	1010.5	1015.6	1022.3	1030.8	1051.1	1063.0	1076.5	1064.7	1027.4
55°	925.9	929.2	925.9	927.6	930.9	936.0	966.4	978.3	1003.7	988.5	949.5
57.5°	841.2	836.1	841.2	844.6	846.3	851.4	876.8	898.8	914.0	915.7	868.3
60°	743.1	736.3	743.1	758.3	761.7	765.0	788.8	809.0	822.6	827.7	778.6
62.5°	656.7	644.9	656.7	666.9	673.7	682.1	699.0	729.5	741.4	743.1	673.7
65°	565.3	560.2	565.3	585.7	587.3	597.5	616.1	638.1	663.5	660.2	560.2
67.5°	482.4	482.4	482.4	495.9	506.1	511.2	534.9	545.0	577.2	580.6	467.1
70°	406.2	404.5	406.2	416.4	423.1	435.0	457.0	468.8	494.2	502.7	379.1
72.5°	333.5	331.7	333.5	341.9	348.7	358.8	377.4	391.0	413.0	423.1	294.5
75°	269.1	265.7	269.1	275.9	274.2	287.8	303.0	316.5	336.9	343.6	218.3
77.5°	206.5	206.5	206.5	213.3	213.3	226.8	233.6	250.5	262.4	272.5	160.8
80°	154.0	152.4	154.0	155.7	155.7	162.5	174.3	186.2	196.4	196.4	110.0
82.5°	108.3	105.0	108.3	108.3	108.3	111.7	118.5	121.9	128.6	133.8	69.4
85°	67.7	67.7	67.7	69.4	67.7	71.1	72.8	76.2	76.2	72.8	42.3
87.5°	44.0	42.3	44.0	42.3	42.3	40.7	40.7	40.7	38.9	37.2	23.7
90°	25.2	25.2	25.2	25.2	25.2	33.6	44.8	50.4	43.3	29.1	18.5
92.5°	101.0	80.9	101.0	121.0	126.1	178.7	248.8	283.9	249.2	180.0	128.0
95°	351.9	291.2	351.9	412.6	427.8	561.8	740.5	829.9	700.9	442.9	249.4
97.5°	843.3	727.7	843.3	958.8	987.7	1072.4	1185.4	1241.8	1026.7	596.5	273.9
100°	1215.0	1077.3	1215.0	1352.6	1387.0	1380.9	1372.6	1368.5	1129.8	652.5	294.5
102.5°	1580.6	1462.7	1580.6	1698.5	1728.0	1620.1	1476.2	1404.3	1162.2	678.2	315.1
105°	2046.7	1983.4	2046.7	2110.1	2126.0	1884.1	1561.6	1400.3	1166.0	697.1	345.6
107.5°	2352.1	2367.5	2352.1	2336.8	2333.0	1995.6	1545.7	1320.7	1114.0	700.7	390.7
110°	2468.6	2534.6	2468.6	2402.6	2386.1	2008.8	1505.8	1254.4	1068.0	695.3	415.9



TEST NUMBER: P935637

CATALOG NUMBER: SQ4-FA-125U-100D-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°	2478.9	2580.4	2478.9	2377.6	2352.2	1966.1	1451.3	1194.0	1027.9	695.6	446.5
115°	2413.3	2553.8	2413.3	2272.7	2237.5	1865.6	1369.7	1121.7	981.8	702.1	492.2
117.5°	2273.9	2429.8	2273.9	2117.9	2078.9	1743.3	1295.7	1071.9	953.0	715.1	536.6
120°	2161.5	2313.1	2161.5	2010.0	1972.1	1665.4	1256.5	1052.0	943.2	725.7	562.5
122.5°	2052.1	2201.6	2052.1	1902.7	1865.3	1589.2	1221.0	1036.8	938.2	741.0	593.0
125°	1896.2	2033.8	1896.2	1758.5	1724.1	1489.4	1176.6	1020.3	934.0	761.5	632.1
127.5°	1755.8	1872.0	1755.8	1639.7	1610.6	1409.2	1140.6	1006.3	931.6	782.1	670.0
130°	1673.2	1780.4	1673.2	1565.8	1539.0	1359.6	1120.5	1001.0	933.0	797.1	695.2
132.5°	1598.1	1694.2	1598.1	1501.9	1477.9	1317.4	1103.4	996.3	934.0	809.3	715.8
135°	1495.2	1578.1	1495.2	1412.4	1391.7	1257.3	1078.0	988.4	933.1	822.5	739.6
137.5°	1412.7	1480.5	1412.7	1344.9	1328.0	1214.3	1062.8	987.0	938.9	842.4	770.2
140°	1356.2	1419.6	1356.2	1292.8	1276.9	1178.8	1047.8	982.4	939.8	854.6	790.7
142.5°	1309.3	1363.9	1309.3	1254.8	1241.1	1154.9	1039.9	982.4	943.2	864.8	806.0
145°	1239.0	1280.3	1239.0	1197.7	1187.4	1116.9	1022.8	975.8	943.2	878.0	829.2
147.5°	1185.1	1219.3	1185.1	1150.9	1142.3	1086.8	1012.7	975.8	949.7	897.5	858.4
150°	1151.1	1178.8	1151.1	1123.3	1116.4	1069.5	1007.0	975.8	953.0	907.7	873.6
152.5°	1122.0	1142.9	1122.0	1101.1	1095.8	1055.8	1002.4	975.8	955.3	914.3	883.6
155°	1088.7	1102.5	1088.7	1074.8	1071.3	1039.5	997.0	975.8	960.1	928.9	905.5
157.5°	1062.2	1071.9	1062.2	1052.5	1050.1	1025.3	992.2	975.8	965.0	943.5	927.3
160°	1046.5	1052.0	1046.5	1040.8	1039.5	1018.2	989.9	975.8	967.2	950.1	937.3
162.5°	1036.1	1041.4	1036.1	1030.8	1029.5	1011.5	987.7	975.8	969.6	957.2	947.9
165°	1021.3	1026.8	1021.3	1015.6	1014.3	1001.5	984.3	975.8	972.9	967.4	963.2
167.5°	1010.5	1012.9	1010.5	1008.2	1007.6	999.2	988.1	982.4	980.0	975.3	971.8
170°	1007.6	1007.6	1007.6	1007.6	1007.6	999.2	988.1	982.4	982.2	982.0	981.7
172.5°	999.8	997.7	999.8	1001.8	1002.3	995.7	986.9	982.4	982.4	982.4	982.4
175°	995.1	995.1	995.1	995.1	995.1	990.9	985.2	982.4	983.8	986.4	988.4
177.5°	990.8	988.4	990.8	993.1	993.7	990.4	985.9	983.7	984.7	986.9	988.4
180°	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4



TEST NUMBER: P935637

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1789.1	1789.1	1789.1	1789.1	1789.1	1789.1	1789.1	1789.1	1789.1	1789.1	1789.1
2.5°	1814.5	1804.3	1804.3	1787.3	1780.6	1775.6	1767.1	1741.7	1734.9	1728.2	1738.3
5°	1829.7	1811.1	1797.5	1767.1	1741.7	1731.6	1699.4	1638.5	1597.8	1567.3	1550.4
7.5°	1833.1	1809.4	1784.0	1736.6	1675.7	1648.6	1550.4	1438.7	1408.3	1381.1	1364.2
10°	1829.7	1802.6	1767.1	1696.0	1552.1	1504.7	1406.6	1333.8	1315.2	1310.1	1315.2
12.5°	1817.8	1792.5	1743.4	1624.9	1423.5	1391.3	1333.8	1291.4	1288.1	1296.6	1342.3
15°	1797.5	1773.9	1716.3	1530.1	1352.4	1328.7	1288.1	1272.8	1291.4	1350.7	1487.8
17.5°	1777.3	1750.1	1679.0	1437.0	1298.2	1281.3	1252.5	1283.0	1388.0	1467.5	1513.2
20°	1750.1	1718.0	1636.8	1369.3	1259.3	1244.0	1230.5	1367.6	1447.1	1475.9	1501.3
22.5°	1718.0	1684.2	1579.2	1321.9	1218.7	1206.8	1215.3	1415.0	1447.1	1467.5	1489.5
25°	1675.7	1646.9	1511.5	1284.7	1186.6	1173.0	1205.2	1409.9	1428.5	1433.7	1477.6
27.5°	1636.8	1599.5	1440.4	1250.9	1147.6	1142.5	1213.6	1388.0	1401.5	1406.6	1454.0
30°	1589.4	1533.5	1360.9	1215.3	1106.9	1105.2	1215.3	1360.9	1357.5	1371.0	1418.4
32.5°	1540.2	1435.4	1271.1	1171.3	1068.0	1066.4	1203.5	1320.2	1316.8	1335.4	1371.0
35°	1494.6	1359.2	1149.3	1120.5	1019.0	1020.6	1174.7	1272.8	1274.5	1291.4	1313.5
37.5°	1447.1	1293.1	1015.6	1064.7	971.6	971.6	1135.7	1228.8	1225.4	1230.5	1260.9
40°	1391.3	1189.9	897.1	991.9	927.6	922.5	1088.3	1181.4	1169.6	1167.9	1210.2
42.5°	1332.1	1076.5	809.0	895.4	876.8	870.0	1030.8	1123.9	1101.9	1106.9	1161.1
45°	1267.8	1046.1	741.4	756.6	824.3	819.2	968.2	1057.8	1042.6	1056.2	1112.1
47.5°	1203.5	985.1	719.3	628.0	768.5	766.8	898.8	993.5	985.1	998.6	1057.8
50°	1115.4	917.4	717.6	538.3	705.9	712.6	815.9	930.9	930.9	942.8	1005.4
52.5°	1002.0	834.5	651.6	487.5	633.0	653.3	743.1	876.8	880.2	892.0	947.8
55°	898.8	748.1	604.3	448.5	546.7	590.7	671.9	820.9	827.7	839.5	890.3
57.5°	804.0	622.9	594.1	402.8	467.1	509.5	609.3	766.8	770.2	780.3	829.4
60°	702.4	450.2	545.0	353.8	397.8	429.9	551.8	702.4	714.3	721.1	763.3
62.5°	587.3	326.7	494.2	319.9	363.9	370.7	504.4	641.5	656.7	661.8	687.2
65°	418.1	274.2	419.8	291.1	328.3	330.0	453.6	578.8	592.4	600.9	619.5
67.5°	282.6	223.4	319.9	264.0	301.3	303.0	404.5	506.1	524.7	531.4	543.3
70°	196.4	149.0	236.9	235.3	270.8	274.2	352.1	440.0	457.0	462.1	468.8
72.5°	143.8	120.2	196.4	211.6	238.6	242.1	297.9	365.6	382.6	387.6	391.0
75°	110.0	126.9	159.1	184.5	203.1	204.8	243.8	297.9	309.7	313.1	314.8
77.5°	88.0	118.5	116.8	149.0	165.9	162.5	191.2	230.2	240.4	240.4	240.4
80°	66.0	93.1	88.0	106.6	121.9	118.5	137.1	164.2	167.6	170.9	169.3
82.5°	49.1	59.3	59.3	67.7	81.2	77.9	91.4	106.6	106.6	106.6	110.0
85°	30.5	33.8	27.1	35.5	45.7	44.0	50.8	57.6	59.3	59.3	55.9
87.5°	18.6	15.2	8.5	13.6	20.3	20.3	23.7	25.4	23.7	23.7	23.7
90°	17.3	12.0	6.7	12.0	17.3	18.5	29.1	43.3	50.4	44.8	33.6
92.5°	116.8	71.7	26.6	71.7	116.8	128.0	180.0	249.2	283.9	248.8	178.7
95°	228.7	146.2	63.7	146.2	228.7	249.4	442.9	700.9	829.9	740.5	561.8
97.5°	255.7	182.9	110.1	182.9	255.7	273.9	596.5	1026.7	1241.8	1185.4	1072.4
100°	278.0	212.0	146.0	212.0	278.0	294.5	652.5	1129.8	1368.5	1372.6	1380.9
102.5°	299.7	238.0	176.5	238.0	299.7	315.1	678.2	1162.2	1404.3	1476.2	1620.1
105°	332.5	280.4	228.2	280.4	332.5	345.6	697.1	1166.0	1400.3	1561.6	1884.1
107.5°	378.5	329.9	281.3	329.9	378.5	390.7	700.7	1114.0	1320.7	1545.7	1995.6
110°	404.9	361.0	317.1	361.0	404.9	415.9	695.3	1068.0	1254.4	1505.8	2008.8



TEST NUMBER: P935637

CATALOG NUMBER: SQ4-FA-125U-100D-92765-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	435.9	394.1	352.2	394.1	435.9	446.5	695.6	1027.9	1194.0	1451.3	1966.1
115°	482.6	443.9	405.3	443.9	482.6	492.2	702.1	981.8	1121.7	1369.7	1865.6
117.5°	527.9	492.8	457.7	492.8	527.9	536.6	715.1	953.0	1071.9	1295.7	1743.3
120°	554.2	521.3	488.2	521.3	554.2	562.5	725.7	943.2	1052.0	1256.5	1665.4
122.5°	584.7	551.4	518.1	551.4	584.7	593.0	741.0	938.2	1036.8	1221.0	1589.2
125°	624.5	594.2	563.8	594.2	624.5	632.1	761.5	934.0	1020.3	1176.6	1489.4
127.5°	662.3	631.6	601.0	631.6	662.3	670.0	782.1	931.6	1006.3	1140.6	1409.2
130°	686.9	653.9	620.9	653.9	686.9	695.2	797.1	933.0	1001.0	1120.5	1359.6
132.5°	707.5	674.5	641.5	674.5	707.5	715.8	809.3	934.0	996.3	1103.4	1317.4
135°	732.1	702.0	671.9	702.0	732.1	739.6	822.5	933.1	988.4	1078.0	1257.3
137.5°	762.7	732.9	703.1	732.9	762.7	770.2	842.4	938.9	987.0	1062.8	1214.3
140°	783.8	756.4	729.0	756.4	783.8	790.7	854.6	939.8	982.4	1047.8	1178.8
142.5°	799.6	774.3	748.9	774.3	799.6	806.0	864.8	943.2	982.4	1039.9	1154.9
145°	823.6	801.5	779.4	801.5	823.6	829.2	878.0	943.2	975.8	1022.8	1116.9
147.5°	853.0	831.5	810.0	831.5	853.0	858.4	897.5	949.7	975.8	1012.7	1086.8
150°	868.7	849.3	829.9	849.3	868.7	873.6	907.7	953.0	975.8	1007.0	1069.5
152.5°	879.9	865.1	850.4	865.1	879.9	883.6	914.3	955.3	975.8	1002.4	1055.8
155°	902.7	891.9	880.9	891.9	902.7	905.5	928.9	960.1	975.8	997.0	1039.5
157.5°	924.7	914.1	903.5	914.1	924.7	927.3	943.5	965.0	975.8	992.2	1025.3
160°	935.3	927.0	918.7	927.0	935.3	937.3	950.1	967.2	975.8	989.9	1018.2
162.5°	946.4	940.1	934.0	940.1	946.4	947.9	957.2	969.6	975.8	987.7	1011.5
165°	961.8	956.2	950.6	956.2	961.8	963.2	967.4	972.9	975.8	984.3	1001.5
167.5°	971.1	968.5	965.8	968.5	971.1	971.8	975.3	980.0	982.4	988.1	999.2
170°	981.1	978.4	975.8	978.4	981.1	981.7	982.0	982.2	982.4	988.1	999.2
172.5°	982.2	981.6	981.1	981.6	982.2	982.4	982.4	982.4	982.4	986.9	995.7
175°	988.4	988.4	988.4	988.4	988.4	988.4	986.4	983.8	982.4	985.2	990.9
177.5°	988.4	988.4	988.4	988.4	988.4	988.4	986.9	984.7	983.7	985.9	990.4
180°	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4



TEST NUMBER: P935637

CATALOG NUMBER: SQ4-FA-125U-100D-92765-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1789.1	1789.1	1789.1	1789.1	1789.1	1789.1	1789.1	1789.1	1789.1	1789.1	1789.1
2.5°	1726.4	1721.4	1728.2	1709.5	1728.2	1721.4	1726.4	1738.3	1728.2	1734.9	1741.7
5°	1514.9	1506.4	1479.3	1457.3	1479.3	1506.4	1514.9	1550.4	1567.3	1597.8	1638.5
7.5°	1354.0	1347.3	1340.6	1327.0	1340.6	1347.3	1354.0	1364.2	1381.1	1408.3	1438.7
10°	1318.5	1320.2	1330.4	1328.7	1330.4	1320.2	1318.5	1315.2	1310.1	1315.2	1333.8
12.5°	1409.9	1425.2	1481.1	1477.6	1481.1	1425.2	1409.9	1342.3	1296.6	1288.1	1291.4
15°	1514.9	1519.9	1531.8	1533.5	1531.8	1519.9	1514.9	1487.8	1350.7	1291.4	1272.8
17.5°	1525.0	1526.8	1535.2	1535.2	1535.2	1526.8	1525.0	1513.2	1467.5	1388.0	1283.0
20°	1516.6	1519.9	1536.9	1540.2	1536.9	1519.9	1516.6	1501.3	1475.9	1447.1	1367.6
22.5°	1513.2	1519.9	1533.5	1531.8	1533.5	1519.9	1513.2	1489.5	1467.5	1447.1	1415.0
25°	1496.3	1496.3	1498.0	1499.7	1498.0	1496.3	1496.3	1477.6	1433.7	1428.5	1409.9
27.5°	1460.7	1464.1	1474.2	1472.6	1474.2	1464.1	1460.7	1454.0	1406.6	1401.5	1388.0
30°	1428.5	1425.2	1416.7	1409.9	1416.7	1425.2	1428.5	1418.4	1371.0	1357.5	1360.9
32.5°	1374.4	1365.9	1357.5	1352.4	1357.5	1365.9	1374.4	1371.0	1335.4	1316.8	1320.2
35°	1310.1	1311.8	1310.1	1305.0	1310.1	1311.8	1310.1	1313.5	1291.4	1274.5	1272.8
37.5°	1264.4	1267.8	1266.1	1259.3	1266.1	1267.8	1264.4	1260.9	1230.5	1225.4	1228.8
40°	1217.0	1218.7	1217.0	1211.9	1217.0	1218.7	1217.0	1210.2	1167.9	1169.6	1181.4
42.5°	1171.3	1169.6	1164.5	1161.1	1164.5	1169.6	1171.3	1161.1	1106.9	1101.9	1123.9
45°	1118.8	1120.5	1110.4	1105.2	1110.4	1120.5	1118.8	1112.1	1056.2	1042.6	1057.8
47.5°	1066.4	1066.4	1057.8	1052.8	1057.8	1066.4	1066.4	1057.8	998.6	985.1	993.5
50°	1010.5	1008.8	996.9	995.2	996.9	1008.8	1010.5	1005.4	942.8	930.9	930.9
52.5°	946.2	946.2	947.8	951.2	947.8	946.2	946.2	947.8	892.0	880.2	876.8
55°	890.3	892.0	903.8	907.3	903.8	892.0	890.3	890.3	839.5	827.7	820.9
57.5°	832.8	832.8	841.2	841.2	841.2	832.8	832.8	829.4	780.3	770.2	766.8
60°	766.8	770.2	776.9	775.2	776.9	770.2	766.8	763.3	721.1	714.3	702.4
62.5°	697.3	700.7	702.4	699.0	702.4	700.7	697.3	687.2	661.8	656.7	641.5
65°	624.5	628.0	629.7	626.2	629.7	628.0	624.5	619.5	600.9	592.4	578.8
67.5°	550.1	548.4	546.7	553.5	546.7	548.4	550.1	543.3	531.4	524.7	506.1
70°	474.0	474.0	472.2	475.6	472.2	474.0	474.0	468.8	462.1	457.0	440.0
72.5°	392.6	391.0	397.8	392.6	397.8	391.0	392.6	391.0	387.6	382.6	365.6
75°	313.1	316.5	313.1	318.2	313.1	316.5	313.1	314.8	313.1	309.7	297.9
77.5°	238.6	242.1	238.6	238.6	238.6	242.1	238.6	240.4	240.4	240.4	230.2
80°	169.3	167.6	167.6	165.9	167.6	167.6	169.3	169.3	170.9	167.6	164.2
82.5°	108.3	106.6	106.6	110.0	106.6	106.6	108.3	110.0	106.6	106.6	106.6
85°	59.3	60.9	57.6	57.6	57.6	60.9	59.3	55.9	59.3	59.3	57.6
87.5°	22.0	20.3	20.3	20.3	20.3	20.3	22.0	23.7	23.7	23.7	25.4
90°	25.2	25.2	25.2	25.2	25.2	25.2	25.2	33.6	44.8	50.4	43.3
92.5°	126.1	121.0	101.0	80.9	101.0	121.0	126.1	178.7	248.8	283.9	249.2
95°	427.8	412.6	351.9	291.2	351.9	412.6	427.8	561.8	740.5	829.9	700.9
97.5°	987.7	958.8	843.3	727.7	843.3	958.8	987.7	1072.4	1185.4	1241.8	1026.7
100°	1387.0	1352.6	1215.0	1077.3	1215.0	1352.6	1387.0	1380.9	1372.6	1368.5	1129.8
102.5°	1728.0	1698.5	1580.6	1462.7	1580.6	1698.5	1728.0	1620.1	1476.2	1404.3	1162.2
105°	2126.0	2110.1	2046.7	1983.4	2046.7	2110.1	2126.0	1884.1	1561.6	1400.3	1166.0
107.5°	2333.0	2336.8	2352.1	2367.5	2352.1	2336.8	2333.0	1995.6	1545.7	1320.7	1114.0
110°	2386.1	2402.6	2468.6	2534.6	2468.6	2402.6	2386.1	2008.8	1505.8	1254.4	1068.0



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2352.2	2377.6	2478.9	2580.4	2478.9	2377.6	2352.2	1966.1	1451.3	1194.0	1027.9
115°	2237.5	2272.7	2413.3	2553.8	2413.3	2272.7	2237.5	1865.6	1369.7	1121.7	981.8
117.5°	2078.9	2117.9	2273.9	2429.8	2273.9	2117.9	2078.9	1743.3	1295.7	1071.9	953.0
120°	1972.1	2010.0	2161.5	2313.1	2161.5	2010.0	1972.1	1665.4	1256.5	1052.0	943.2
122.5°	1865.3	1902.7	2052.1	2201.6	2052.1	1902.7	1865.3	1589.2	1221.0	1036.8	938.2
125°	1724.1	1758.5	1896.2	2033.8	1896.2	1758.5	1724.1	1489.4	1176.6	1020.3	934.0
127.5°	1610.6	1639.7	1755.8	1872.0	1755.8	1639.7	1610.6	1409.2	1140.6	1006.3	931.6
130°	1539.0	1565.8	1673.2	1780.4	1673.2	1565.8	1539.0	1359.6	1120.5	1001.0	933.0
132.5°	1477.9	1501.9	1598.1	1694.2	1598.1	1501.9	1477.9	1317.4	1103.4	996.3	934.0
135°	1391.7	1412.4	1495.2	1578.1	1495.2	1412.4	1391.7	1257.3	1078.0	988.4	933.1
137.5°	1328.0	1344.9	1412.7	1480.5	1412.7	1344.9	1328.0	1214.3	1062.8	987.0	938.9
140°	1276.9	1292.8	1356.2	1419.6	1356.2	1292.8	1276.9	1178.8	1047.8	982.4	939.8
142.5°	1241.1	1254.8	1309.3	1363.9	1309.3	1254.8	1241.1	1154.9	1039.9	982.4	943.2
145°	1187.4	1197.7	1239.0	1280.3	1239.0	1197.7	1187.4	1116.9	1022.8	975.8	943.2
147.5°	1142.3	1150.9	1185.1	1219.3	1185.1	1150.9	1142.3	1086.8	1012.7	975.8	949.7
150°	1116.4	1123.3	1151.1	1178.8	1151.1	1123.3	1116.4	1069.5	1007.0	975.8	953.0
152.5°	1095.8	1101.1	1122.0	1142.9	1122.0	1101.1	1095.8	1055.8	1002.4	975.8	955.3
155°	1071.3	1074.8	1088.7	1102.5	1088.7	1074.8	1071.3	1039.5	997.0	975.8	960.1
157.5°	1050.1	1052.5	1062.2	1071.9	1062.2	1052.5	1050.1	1025.3	992.2	975.8	965.0
160°	1039.5	1040.8	1046.5	1052.0	1046.5	1040.8	1039.5	1018.2	989.9	975.8	967.2
162.5°	1029.5	1030.8	1036.1	1041.4	1036.1	1030.8	1029.5	1011.5	987.7	975.8	969.6
165°	1014.3	1015.6	1021.3	1026.8	1021.3	1015.6	1014.3	1001.5	984.3	975.8	972.9
167.5°	1007.6	1008.2	1010.5	1012.9	1010.5	1008.2	1007.6	999.2	988.1	982.4	980.0
170°	1007.6	1007.6	1007.6	1007.6	1007.6	1007.6	1007.6	999.2	988.1	982.4	982.2
172.5°	1002.3	1001.8	999.8	997.7	999.8	1001.8	1002.3	995.7	986.9	982.4	982.4
175°	995.1	995.1	995.1	995.1	995.1	995.1	995.1	990.9	985.2	982.4	983.8
177.5°	993.7	993.1	990.8	988.4	990.8	993.1	993.7	990.4	985.9	983.7	984.7
180°	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1789.1	1789.1	1789.1	1789.1	1789.1
2.5°	1767.1	1775.6	1780.6	1787.3	1804.3
5°	1699.4	1731.6	1741.7	1767.1	1797.5
7.5°	1550.4	1648.6	1675.7	1736.6	1784.0
10°	1406.6	1504.7	1552.1	1696.0	1767.1
12.5°	1333.8	1391.3	1423.5	1624.9	1743.4
15°	1288.1	1328.7	1352.4	1530.1	1716.3
17.5°	1252.5	1281.3	1298.2	1437.0	1679.0
20°	1230.5	1244.0	1259.3	1369.3	1636.8
22.5°	1215.3	1206.8	1218.7	1321.9	1579.2
25°	1205.2	1173.0	1186.6	1284.7	1511.5
27.5°	1213.6	1142.5	1147.6	1250.9	1440.4
30°	1215.3	1105.2	1106.9	1215.3	1360.9
32.5°	1203.5	1066.4	1068.0	1171.3	1271.1
35°	1174.7	1020.6	1019.0	1120.5	1149.3
37.5°	1135.7	971.6	971.6	1064.7	1015.6
40°	1088.3	922.5	927.6	991.9	897.1
42.5°	1030.8	870.0	876.8	895.4	809.0
45°	968.2	819.2	824.3	756.6	741.4
47.5°	898.8	766.8	768.5	628.0	719.3
50°	815.9	712.6	705.9	538.3	717.6
52.5°	743.1	653.3	633.0	487.5	651.6
55°	671.9	590.7	546.7	448.5	604.3
57.5°	609.3	509.5	467.1	402.8	594.1
60°	551.8	429.9	397.8	353.8	545.0
62.5°	504.4	370.7	363.9	319.9	494.2
65°	453.6	330.0	328.3	291.1	419.8
67.5°	404.5	303.0	301.3	264.0	319.9
70°	352.1	274.2	270.8	235.3	236.9
72.5°	297.9	242.1	238.6	211.6	196.4
75°	243.8	204.8	203.1	184.5	159.1
77.5°	191.2	162.5	165.9	149.0	116.8
80°	137.1	118.5	121.9	106.6	88.0
82.5°	91.4	77.9	81.2	67.7	59.3
85°	50.8	44.0	45.7	35.5	27.1
87.5°	23.7	20.3	20.3	13.6	8.5
90°	29.1	18.5	17.3	12.0	6.7
92.5°	180.0	128.0	116.8	71.7	26.6
95°	442.9	249.4	228.7	146.2	63.7
97.5°	596.5	273.9	255.7	182.9	110.1
100°	652.5	294.5	278.0	212.0	146.0
102.5°	678.2	315.1	299.7	238.0	176.5
105°	697.1	345.6	332.5	280.4	228.2
107.5°	700.7	390.7	378.5	329.9	281.3
110°	695.3	415.9	404.9	361.0	317.1



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CATALOG NUMBER: SQ4-FA-125U-100D-92765-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	695.6	446.5	435.9	394.1	352.2
115°	702.1	492.2	482.6	443.9	405.3
117.5°	715.1	536.6	527.9	492.8	457.7
120°	725.7	562.5	554.2	521.3	488.2
122.5°	741.0	593.0	584.7	551.4	518.1
125°	761.5	632.1	624.5	594.2	563.8
127.5°	782.1	670.0	662.3	631.6	601.0
130°	797.1	695.2	686.9	653.9	620.9
132.5°	809.3	715.8	707.5	674.5	641.5
135°	822.5	739.6	732.1	702.0	671.9
137.5°	842.4	770.2	762.7	732.9	703.1
140°	854.6	790.7	783.8	756.4	729.0
142.5°	864.8	806.0	799.6	774.3	748.9
145°	878.0	829.2	823.6	801.5	779.4
147.5°	897.5	858.4	853.0	831.5	810.0
150°	907.7	873.6	868.7	849.3	829.9
152.5°	914.3	883.6	879.9	865.1	850.4
155°	928.9	905.5	902.7	891.9	880.9
157.5°	943.5	927.3	924.7	914.1	903.5
160°	950.1	937.3	935.3	927.0	918.7
162.5°	957.2	947.9	946.4	940.1	934.0
165°	967.4	963.2	961.8	956.2	950.6
167.5°	975.3	971.8	971.1	968.5	965.8
170°	982.0	981.7	981.1	978.4	975.8
172.5°	982.4	982.4	982.2	981.6	981.1
175°	986.4	988.4	988.4	988.4	988.4
177.5°	986.9	988.4	988.4	988.4	988.4
180°	988.4	988.4	988.4	988.4	988.4



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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	12.37	13.16	13.39	14.19	15.57	15.19	15.99	16.22	17.02	18.40
	3H	12.84	13.55	13.87	14.59	15.99	16.53	17.24	17.56	18.28	19.68
	4H	13.03	13.70	14.07	14.74	16.15	16.97	17.65	18.02	18.69	20.10
	6H	13.14	13.76	14.20	14.81	16.23	17.25	17.87	18.31	18.92	20.34
	8H	13.14	13.73	14.20	14.80	16.21	17.32	17.91	18.38	18.98	20.39
	12H	13.11	13.67	14.18	14.73	16.17	17.36	17.92	18.42	18.98	20.42
4H	2H	13.39	14.07	14.44	15.11	16.52	15.59	16.27	16.65	17.31	18.72
	3H	14.41	14.97	15.47	16.04	17.47	17.09	17.65	18.15	18.72	20.14
	4H	14.69	15.20	15.75	16.26	17.70	17.62	18.13	18.68	19.19	20.63
	6H	14.81	15.25	15.88	16.33	17.77	17.98	18.42	19.05	19.50	20.94
	8H	14.81	15.22	15.89	16.30	17.75	18.08	18.49	19.16	19.57	21.02
	12H	14.78	15.15	15.87	16.24	17.70	18.13	18.51	19.23	19.60	21.05
8H	4H	15.13	15.55	16.21	16.62	18.08	17.74	18.15	18.81	19.22	20.68
	6H	15.39	15.73	16.49	16.85	18.30	18.17	18.51	19.27	19.63	21.08
	8H	15.43	15.73	16.54	16.83	18.30	18.32	18.62	19.42	19.72	21.19
	12H	15.41	15.68	16.52	16.77	18.28	18.41	18.68	19.52	19.77	21.28
12H	4H	15.14	15.51	16.23	16.60	18.06	17.70	18.07	18.79	19.16	20.62
	6H	15.45	15.75	16.56	16.85	18.32	18.16	18.46	19.27	19.56	21.03
	8H	15.52	15.78	16.62	16.88	18.38	18.32	18.58	19.43	19.68	21.19