

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: P935237

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

Issue Date: 12/17/2024

**Test Information**

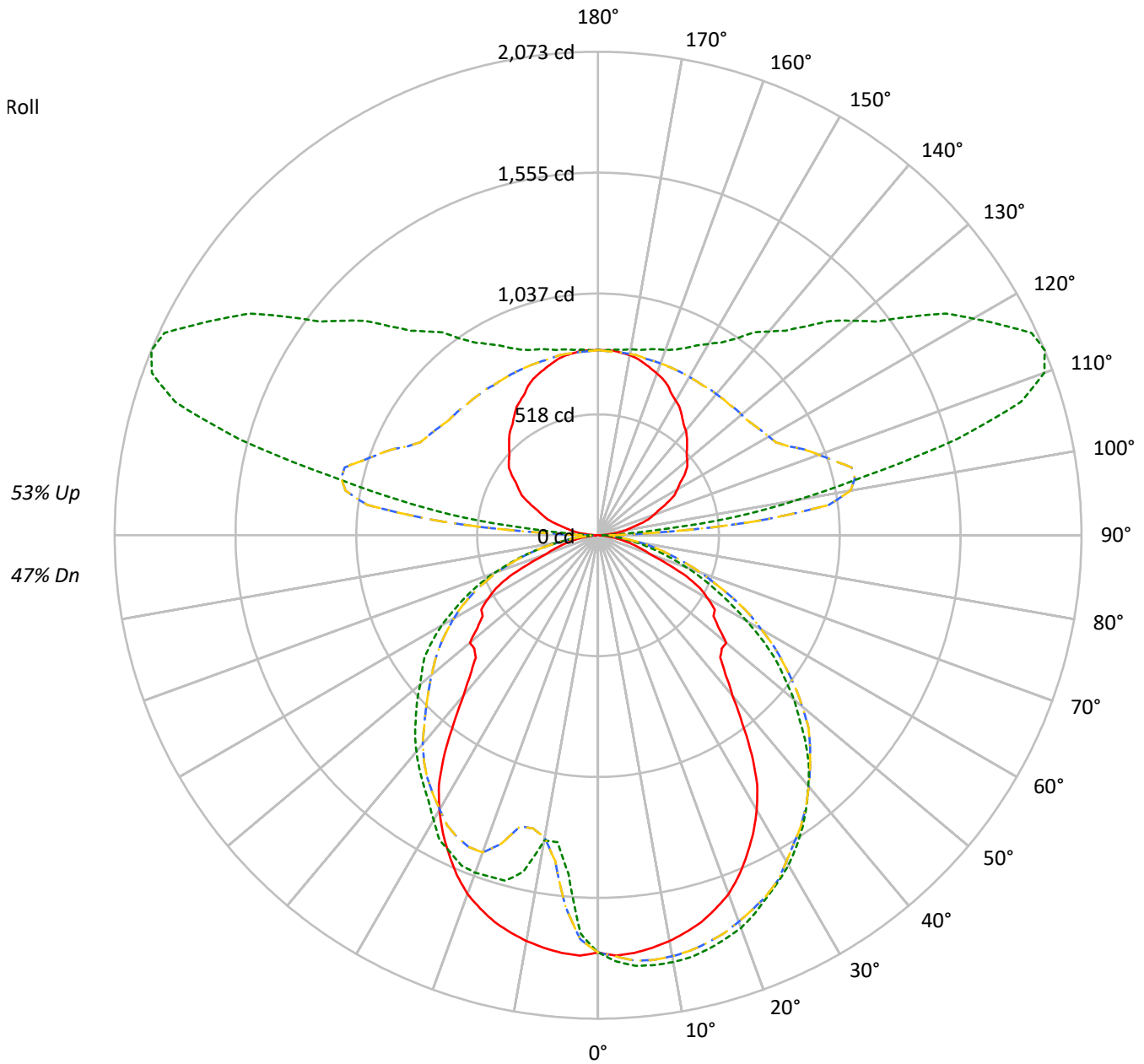
Test Method: LM-79-2019  
Report Number: P935237  
REPORT IS A COMBINATION OF REPORTS P933747 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-100U-100D-92765-1D-UNV-STD-W-6-2700K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9789.2 lumens  
Efficiency: N/A  
Efficacy: 112.5 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): 87  
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

TEST NUMBER: P935237  
CATALOG NUMBER: SQ4-FA-100U-100D-92765-1D-UNV-STD-W-6-2700K

### 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	107	107	107	107	98	98	98	98	82	82	82	67	67	67	54	54	54	47	47	47	47
1	97	93	89	86	89	86	82	79	72	70	67	59	58	56	48	47	46	40	40	40	40
2	89	81	75	70	81	75	70	65	63	59	56	52	49	47	42	40	38	34	34	34	34
3	81	71	64	58	74	66	60	54	56	51	47	46	43	40	37	35	33	28	28	28	28
4	74	63	55	49	68	58	51	46	49	44	40	41	37	34	33	30	28	24	24	24	24
5	68	56	48	42	62	52	45	39	44	39	34	37	33	29	30	27	24	21	21	21	21
6	62	50	42	36	57	47	39	34	40	34	30	33	29	26	27	24	21	19	19	19	19
7	58	45	37	32	53	42	35	30	36	30	26	30	26	23	25	21	19	16	16	16	16
8	53	41	33	28	49	38	31	27	33	27	23	28	23	20	23	19	17	15	15	15	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	15	13	13	13	13
10	46	34	27	22	43	32	26	21	28	22	19	23	19	16	19	16	14	12	12	12	12

**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	1.6
10°-20°	458.5	4.7
20°-30°	708.8	7.2
30°-40°	846.2	8.6
40°-50°	851.1	8.7
50°-60°	740.6	7.6
60°-70°	525.1	5.4
70°-80°	277.8	2.8
80°-90°	72.2	0.7
90°-100°	387.0	4.0
100°-110°	1017.6	10.4
110°-120°	1055.1	10.8
120°-130°	846.3	8.6
130°-140°	664.1	6.8
140°-150°	509.7	5.2
150°-160°	367.1	3.7
160°-170°	224.6	2.3
170°-180°	75.9	0.8
0°-30°	1328.8	13.6
0°-40°	2175.0	22.2
0°-60°	3766.7	38.5
0°-90°	4641.8	47.4
90°-120°	2459.7	25.1
90°-150°	4479.8	45.8
90°-180°	5147.0	52.6
0°-180°	9789.2	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°	5	20	5	20	5	6
95°	51	234	51	234	51	57
105°	183	1593	183	1593	183	194
115°	326	2052	326	2052	326	322
125°	453	1634	453	1634	453	402
135°	540	1268	540	1268	540	418
145°	626	1028	626	1028	626	392
155°	708	886	708	886	708	325
165°	764	825	764	825	764	216
175°	794	799	794	799	794	75
180°	794	794	794	794	794	



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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°	5.3	9.6	13.8	14.9	23.5	34.8	40.5	36.0	27.0	20.2	20.2
92.5°	21.4	57.6	93.8	102.8	144.6	200.2	228.1	199.9	143.5	101.2	97.2
95°	51.2	117.4	183.8	200.4	355.8	563.0	666.6	594.9	451.3	343.7	331.5
97.5°	88.5	147.0	205.5	220.1	479.3	824.8	997.6	952.3	861.6	793.5	770.3
100°	117.3	170.3	223.4	236.6	524.2	907.6	1099.3	1102.7	1109.3	1114.3	1086.6
102.5°	141.8	191.3	240.8	253.2	544.8	933.7	1128.1	1186.0	1301.5	1388.2	1364.6
105°	183.3	225.2	267.2	277.7	560.1	936.7	1125.0	1254.5	1513.6	1707.9	1695.2
107.5°	225.9	265.0	304.2	313.9	563.0	895.0	1061.0	1241.7	1603.1	1874.2	1877.3
110°	254.7	290.0	325.3	334.1	558.7	858.1	1007.7	1209.7	1613.8	1916.8	1930.1



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	283.0	316.6	350.3	358.6	558.9	825.8	959.2	1166.0	1579.5	1889.7	1910.0
115°	325.6	356.6	387.6	395.4	564.0	788.7	901.1	1100.3	1498.7	1797.5	1825.8
117.5°	367.7	395.9	424.1	431.1	574.4	765.6	861.1	1040.9	1400.4	1670.1	1701.4
120°	392.2	418.8	445.3	451.9	583.0	757.8	845.2	1009.4	1337.9	1584.3	1614.7
122.5°	416.2	443.0	469.8	476.4	595.2	753.7	832.9	980.9	1276.7	1498.5	1528.5
125°	452.9	477.4	501.8	507.9	611.8	750.4	819.6	945.3	1196.5	1385.1	1412.7
127.5°	482.8	507.4	532.1	538.3	628.3	748.4	808.4	916.3	1132.1	1293.9	1317.2
130°	498.8	525.4	551.9	558.5	640.4	749.6	804.2	900.2	1092.3	1236.4	1257.9
132.5°	515.3	541.9	568.3	575.0	650.2	750.4	800.4	886.4	1058.4	1187.3	1206.6
135°	539.8	564.0	588.2	594.2	660.8	749.6	794.0	866.0	1010.0	1118.1	1134.7
137.5°	564.8	588.8	612.8	618.7	676.8	754.3	793.0	853.9	975.6	1066.9	1080.5
140°	585.7	607.7	629.7	635.2	686.5	755.0	789.2	841.8	947.0	1025.8	1038.5
142.5°	601.6	622.1	642.4	647.5	694.7	757.7	789.2	835.4	927.8	997.0	1008.0
145°	626.2	643.9	661.7	666.1	705.4	757.8	783.9	821.7	897.3	953.9	962.2
147.5°	650.7	667.9	685.2	689.5	721.0	762.9	783.9	813.6	873.1	917.7	924.5
150°	666.6	682.3	697.9	701.8	729.2	765.6	783.9	809.0	859.2	896.8	902.4
152.5°	683.2	695.1	706.9	709.9	734.6	767.4	783.9	805.4	848.2	880.3	884.5
155°	707.7	716.4	725.2	727.4	746.3	771.4	783.9	801.0	835.1	860.6	863.4
157.5°	725.8	734.4	742.8	745.0	758.0	775.3	783.9	797.2	823.7	843.6	845.6
160°	738.1	744.7	751.4	753.0	763.3	777.1	783.9	795.3	818.0	835.1	836.2
162.5°	750.4	755.3	760.3	761.5	769.0	779.0	783.9	793.5	812.7	827.1	828.1
165°	763.7	768.1	772.6	773.8	777.2	781.7	783.9	790.8	804.5	814.8	815.9
167.5°	775.9	778.0	780.2	780.7	783.5	787.3	789.2	793.7	802.7	809.5	810.0
170°	783.9	786.1	788.2	788.7	788.9	789.1	789.2	793.7	802.7	809.5	809.5
172.5°	788.2	788.6	789.1	789.2	789.2	789.2	789.2	792.8	799.9	805.2	804.8
175°	794.0	794.0	794.0	794.0	792.4	790.2	789.2	791.4	796.0	799.4	799.4
177.5°	794.0	794.0	794.0	794.0	792.8	791.2	790.3	792.1	795.6	798.3	797.8
180°	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0



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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°	20.2	20.2	20.2	20.2	20.2	27.0	36.0	40.5	34.8	23.5	14.9
92.5°	81.1	65.0	81.1	97.2	101.2	143.5	199.9	228.1	200.2	144.6	102.8
95°	282.7	233.9	282.7	331.5	343.7	451.3	594.9	666.6	563.0	355.8	200.4
97.5°	677.4	584.6	677.4	770.3	793.5	861.6	952.3	997.6	824.8	479.3	220.1
100°	976.0	865.4	976.0	1086.6	1114.3	1109.3	1102.7	1099.3	907.6	524.2	236.6
102.5°	1269.7	1175.0	1269.7	1364.6	1388.2	1301.5	1186.0	1128.1	933.7	544.8	253.2
105°	1644.3	1593.4	1644.3	1695.2	1707.9	1513.6	1254.5	1125.0	936.7	560.1	277.7
107.5°	1889.7	1902.0	1889.7	1877.3	1874.2	1603.1	1241.7	1061.0	895.0	563.0	313.9
110°	1983.2	2036.2	1983.2	1930.1	1916.8	1613.8	1209.7	1007.7	858.1	558.7	334.1





TEST NUMBER: P935237

CATALOG NUMBER: SQ4-FA-100U-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°	1991.5	2073.0	1991.5	1910.0	1889.7	1579.5	1166.0	959.2	825.8	558.9	358.6
115°	1938.7	2051.7	1938.7	1825.8	1797.5	1498.7	1100.3	901.1	788.7	564.0	395.4
117.5°	1826.7	1952.0	1826.7	1701.4	1670.1	1400.4	1040.9	861.1	765.6	574.4	431.1
120°	1736.5	1858.2	1736.5	1614.7	1584.3	1337.9	1009.4	845.2	757.8	583.0	451.9
122.5°	1648.6	1768.7	1648.6	1528.5	1498.5	1276.7	980.9	832.9	753.7	595.2	476.4
125°	1523.3	1633.9	1523.3	1412.7	1385.1	1196.5	945.3	819.6	750.4	611.8	507.9
127.5°	1410.6	1503.9	1410.6	1317.2	1293.9	1132.1	916.3	808.4	748.4	628.3	538.3
130°	1344.1	1430.3	1344.1	1257.9	1236.4	1092.3	900.2	804.2	749.6	640.4	558.5
132.5°	1283.8	1361.1	1283.8	1206.6	1187.3	1058.4	886.4	800.4	750.4	650.2	575.0
135°	1201.2	1267.8	1201.2	1134.7	1118.1	1010.0	866.0	794.0	749.6	660.8	594.2
137.5°	1135.0	1189.5	1135.0	1080.5	1066.9	975.6	853.9	793.0	754.3	676.8	618.7
140°	1089.5	1140.4	1089.5	1038.5	1025.8	947.0	841.8	789.2	755.0	686.5	635.2
142.5°	1051.9	1095.7	1051.9	1008.0	997.0	927.8	835.4	789.2	757.7	694.7	647.5
145°	995.4	1028.5	995.4	962.2	953.9	897.3	821.7	783.9	757.8	705.4	666.1
147.5°	952.0	979.5	952.0	924.5	917.7	873.1	813.6	783.9	762.9	721.0	689.5
150°	924.7	947.0	924.7	902.4	896.8	859.2	809.0	783.9	765.6	729.2	701.8
152.5°	901.4	918.2	901.4	884.5	880.3	848.2	805.4	783.9	767.4	734.6	709.9
155°	874.5	885.6	874.5	863.4	860.6	835.1	801.0	783.9	771.4	746.3	727.4
157.5°	853.4	861.1	853.4	845.6	843.6	823.7	797.2	783.9	775.3	758.0	745.0
160°	840.7	845.2	840.7	836.2	835.1	818.0	795.3	783.9	777.1	763.3	753.0
162.5°	832.3	836.6	832.3	828.1	827.1	812.7	793.5	783.9	779.0	769.0	761.5
165°	820.5	824.9	820.5	815.9	814.8	804.5	790.8	783.9	781.7	777.2	773.8
167.5°	811.8	813.7	811.8	810.0	809.5	802.7	793.7	789.2	787.3	783.5	780.7
170°	809.5	809.5	809.5	809.5	809.5	802.7	793.7	789.2	789.1	788.9	788.7
172.5°	803.1	801.5	803.1	804.8	805.2	799.9	792.8	789.2	789.2	789.2	789.2
175°	799.4	799.4	799.4	799.4	799.4	796.0	791.4	789.2	790.2	792.4	794.0
177.5°	795.9	794.0	795.9	797.8	798.3	795.6	792.1	790.3	791.2	792.8	794.0
180°	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0



TEST NUMBER: P935237

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

**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°	13.8	9.6	5.3	9.6	13.8	14.9	23.5	34.8	40.5	36.0	27.0
92.5°	93.8	57.6	21.4	57.6	93.8	102.8	144.6	200.2	228.1	199.9	143.5
95°	183.8	117.4	51.2	117.4	183.8	200.4	355.8	563.0	666.6	594.9	451.3
97.5°	205.5	147.0	88.5	147.0	205.5	220.1	479.3	824.8	997.6	952.3	861.6
100°	223.4	170.3	117.3	170.3	223.4	236.6	524.2	907.6	1099.3	1102.7	1109.3
102.5°	240.8	191.3	141.8	191.3	240.8	253.2	544.8	933.7	1128.1	1186.0	1301.5
105°	267.2	225.2	183.3	225.2	267.2	277.7	560.1	936.7	1125.0	1254.5	1513.6
107.5°	304.2	265.0	225.9	265.0	304.2	313.9	563.0	895.0	1061.0	1241.7	1603.1
110°	325.3	290.0	254.7	290.0	325.3	334.1	558.7	858.1	1007.7	1209.7	1613.8



TEST NUMBER: P935237

CATALOG NUMBER: SQ4-FA-100U-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°	350.3	316.6	283.0	316.6	350.3	358.6	558.9	825.8	959.2	1166.0	1579.5
115°	387.6	356.6	325.6	356.6	387.6	395.4	564.0	788.7	901.1	1100.3	1498.7
117.5°	424.1	395.9	367.7	395.9	424.1	431.1	574.4	765.6	861.1	1040.9	1400.4
120°	445.3	418.8	392.2	418.8	445.3	451.9	583.0	757.8	845.2	1009.4	1337.9
122.5°	469.8	443.0	416.2	443.0	469.8	476.4	595.2	753.7	832.9	980.9	1276.7
125°	501.8	477.4	452.9	477.4	501.8	507.9	611.8	750.4	819.6	945.3	1196.5
127.5°	532.1	507.4	482.8	507.4	532.1	538.3	628.3	748.4	808.4	916.3	1132.1
130°	551.9	525.4	498.8	525.4	551.9	558.5	640.4	749.6	804.2	900.2	1092.3
132.5°	568.3	541.9	515.3	541.9	568.3	575.0	650.2	750.4	800.4	886.4	1058.4
135°	588.2	564.0	539.8	564.0	588.2	594.2	660.8	749.6	794.0	866.0	1010.0
137.5°	612.8	588.8	564.8	588.8	612.8	618.7	676.8	754.3	793.0	853.9	975.6
140°	629.7	607.7	585.7	607.7	629.7	635.2	686.5	755.0	789.2	841.8	947.0
142.5°	642.4	622.1	601.6	622.1	642.4	647.5	694.7	757.7	789.2	835.4	927.8
145°	661.7	643.9	626.2	643.9	661.7	666.1	705.4	757.8	783.9	821.7	897.3
147.5°	685.2	667.9	650.7	667.9	685.2	689.5	721.0	762.9	783.9	813.6	873.1
150°	697.9	682.3	666.6	682.3	697.9	701.8	729.2	765.6	783.9	809.0	859.2
152.5°	706.9	695.1	683.2	695.1	706.9	709.9	734.6	767.4	783.9	805.4	848.2
155°	725.2	716.4	707.7	716.4	725.2	727.4	746.3	771.4	783.9	801.0	835.1
157.5°	742.8	734.4	725.8	734.4	742.8	745.0	758.0	775.3	783.9	797.2	823.7
160°	751.4	744.7	738.1	744.7	751.4	753.0	763.3	777.1	783.9	795.3	818.0
162.5°	760.3	755.3	750.4	755.3	760.3	761.5	769.0	779.0	783.9	793.5	812.7
165°	772.6	768.1	763.7	768.1	772.6	773.8	777.2	781.7	783.9	790.8	804.5
167.5°	780.2	778.0	775.9	778.0	780.2	780.7	783.5	787.3	789.2	793.7	802.7
170°	788.2	786.1	783.9	786.1	788.2	788.7	788.9	789.1	789.2	793.7	802.7
172.5°	789.1	788.6	788.2	788.6	789.1	789.2	789.2	789.2	789.2	792.8	799.9
175°	794.0	794.0	794.0	794.0	794.0	794.0	792.4	790.2	789.2	791.4	796.0
177.5°	794.0	794.0	794.0	794.0	794.0	794.0	792.8	791.2	790.3	792.1	795.6
180°	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0



TEST NUMBER: P935237

CATALOG NUMBER: SQ4-FA-100U-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°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	27.0	36.0	40.5	34.8
92.5°	101.2	97.2	81.1	65.0	81.1	97.2	101.2	143.5	199.9	228.1	200.2
95°	343.7	331.5	282.7	233.9	282.7	331.5	343.7	451.3	594.9	666.6	563.0
97.5°	793.5	770.3	677.4	584.6	677.4	770.3	793.5	861.6	952.3	997.6	824.8
100°	1114.3	1086.6	976.0	865.4	976.0	1086.6	1114.3	1109.3	1102.7	1099.3	907.6
102.5°	1388.2	1364.6	1269.7	1175.0	1269.7	1364.6	1388.2	1301.5	1186.0	1128.1	933.7
105°	1707.9	1695.2	1644.3	1593.4	1644.3	1695.2	1707.9	1513.6	1254.5	1125.0	936.7
107.5°	1874.2	1877.3	1889.7	1902.0	1889.7	1877.3	1874.2	1603.1	1241.7	1061.0	895.0
110°	1916.8	1930.1	1983.2	2036.2	1983.2	1930.1	1916.8	1613.8	1209.7	1007.7	858.1



TEST NUMBER: P935237

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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1889.7	1910.0	1991.5	2073.0	1991.5	1910.0	1889.7	1579.5	1166.0	959.2	825.8
115°	1797.5	1825.8	1938.7	2051.7	1938.7	1825.8	1797.5	1498.7	1100.3	901.1	788.7
117.5°	1670.1	1701.4	1826.7	1952.0	1826.7	1701.4	1670.1	1400.4	1040.9	861.1	765.6
120°	1584.3	1614.7	1736.5	1858.2	1736.5	1614.7	1584.3	1337.9	1009.4	845.2	757.8
122.5°	1498.5	1528.5	1648.6	1768.7	1648.6	1528.5	1498.5	1276.7	980.9	832.9	753.7
125°	1385.1	1412.7	1523.3	1633.9	1523.3	1412.7	1385.1	1196.5	945.3	819.6	750.4
127.5°	1293.9	1317.2	1410.6	1503.9	1410.6	1317.2	1293.9	1132.1	916.3	808.4	748.4
130°	1236.4	1257.9	1344.1	1430.3	1344.1	1257.9	1236.4	1092.3	900.2	804.2	749.6
132.5°	1187.3	1206.6	1283.8	1361.1	1283.8	1206.6	1187.3	1058.4	886.4	800.4	750.4
135°	1118.1	1134.7	1201.2	1267.8	1201.2	1134.7	1118.1	1010.0	866.0	794.0	749.6
137.5°	1066.9	1080.5	1135.0	1189.5	1135.0	1080.5	1066.9	975.6	853.9	793.0	754.3
140°	1025.8	1038.5	1089.5	1140.4	1089.5	1038.5	1025.8	947.0	841.8	789.2	755.0
142.5°	997.0	1008.0	1051.9	1095.7	1051.9	1008.0	997.0	927.8	835.4	789.2	757.7
145°	953.9	962.2	995.4	1028.5	995.4	962.2	953.9	897.3	821.7	783.9	757.8
147.5°	917.7	924.5	952.0	979.5	952.0	924.5	917.7	873.1	813.6	783.9	762.9
150°	896.8	902.4	924.7	947.0	924.7	902.4	896.8	859.2	809.0	783.9	765.6
152.5°	880.3	884.5	901.4	918.2	901.4	884.5	880.3	848.2	805.4	783.9	767.4
155°	860.6	863.4	874.5	885.6	874.5	863.4	860.6	835.1	801.0	783.9	771.4
157.5°	843.6	845.6	853.4	861.1	853.4	845.6	843.6	823.7	797.2	783.9	775.3
160°	835.1	836.2	840.7	845.2	840.7	836.2	835.1	818.0	795.3	783.9	777.1
162.5°	827.1	828.1	832.3	836.6	832.3	828.1	827.1	812.7	793.5	783.9	779.0
165°	814.8	815.9	820.5	824.9	820.5	815.9	814.8	804.5	790.8	783.9	781.7
167.5°	809.5	810.0	811.8	813.7	811.8	810.0	809.5	802.7	793.7	789.2	787.3
170°	809.5	809.5	809.5	809.5	809.5	809.5	809.5	802.7	793.7	789.2	789.1
172.5°	805.2	804.8	803.1	801.5	803.1	804.8	805.2	799.9	792.8	789.2	789.2
175°	799.4	799.4	799.4	799.4	799.4	799.4	799.4	796.0	791.4	789.2	790.2
177.5°	798.3	797.8	795.9	794.0	795.9	797.8	798.3	795.6	792.1	790.3	791.2
180°	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0



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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°	23.5	14.9	13.8	9.6	5.3
92.5°	144.6	102.8	93.8	57.6	21.4
95°	355.8	200.4	183.8	117.4	51.2
97.5°	479.3	220.1	205.5	147.0	88.5
100°	524.2	236.6	223.4	170.3	117.3
102.5°	544.8	253.2	240.8	191.3	141.8
105°	560.1	277.7	267.2	225.2	183.3
107.5°	563.0	313.9	304.2	265.0	225.9
110°	558.7	334.1	325.3	290.0	254.7



TEST NUMBER: P935237

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

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	558.9	358.6	350.3	316.6	283.0
115°	564.0	395.4	387.6	356.6	325.6
117.5°	574.4	431.1	424.1	395.9	367.7
120°	583.0	451.9	445.3	418.8	392.2
122.5°	595.2	476.4	469.8	443.0	416.2
125°	611.8	507.9	501.8	477.4	452.9
127.5°	628.3	538.3	532.1	507.4	482.8
130°	640.4	558.5	551.9	525.4	498.8
132.5°	650.2	575.0	568.3	541.9	515.3
135°	660.8	594.2	588.2	564.0	539.8
137.5°	676.8	618.7	612.8	588.8	564.8
140°	686.5	635.2	629.7	607.7	585.7
142.5°	694.7	647.5	642.4	622.1	601.6
145°	705.4	666.1	661.7	643.9	626.2
147.5°	721.0	689.5	685.2	667.9	650.7
150°	729.2	701.8	697.9	682.3	666.6
152.5°	734.6	709.9	706.9	695.1	683.2
155°	746.3	727.4	725.2	716.4	707.7
157.5°	758.0	745.0	742.8	734.4	725.8
160°	763.3	753.0	751.4	744.7	738.1
162.5°	769.0	761.5	760.3	755.3	750.4
165°	777.2	773.8	772.6	768.1	763.7
167.5°	783.5	780.7	780.2	778.0	775.9
170°	788.9	788.7	788.2	786.1	783.9
172.5°	789.2	789.2	789.1	788.6	788.2
175°	792.4	794.0	794.0	794.0	794.0
177.5°	792.8	794.0	794.0	794.0	794.0
180°	794.0	794.0	794.0	794.0	794.0



TEST NUMBER: P935237

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

**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	12.91	13.75	13.89	14.74	16.05	15.74	16.57	16.71	17.57	18.87
	3H	13.39	14.14	14.38	15.14	16.47	17.08	17.83	18.07	18.83	20.16
	4H	13.58	14.29	14.58	15.29	16.63	17.52	18.23	18.52	19.24	20.57
	6H	13.69	14.35	14.71	15.36	16.71	17.80	18.46	18.82	19.47	20.82
	8H	13.70	14.32	14.71	15.34	16.69	17.87	18.50	18.89	19.52	20.87
	12H	13.67	14.26	14.69	15.28	16.65	17.91	18.50	18.94	19.52	20.90
4H	2H	13.94	14.65	14.95	15.66	16.99	16.14	16.85	17.15	17.86	19.20
	3H	14.96	15.56	15.98	16.59	17.94	17.64	18.24	18.66	19.27	20.62
	4H	15.24	15.78	16.27	16.81	18.18	18.17	18.71	19.20	19.74	21.11
	6H	15.36	15.83	16.40	16.88	18.25	18.53	19.00	19.57	20.05	21.42
	8H	15.37	15.80	16.41	16.85	18.23	18.64	19.07	19.68	20.12	21.50
	12H	15.33	15.73	16.39	16.79	18.18	18.69	19.09	19.75	20.14	21.53
8H	4H	15.69	16.13	16.73	17.17	18.55	18.29	18.73	19.33	19.77	21.16
	6H	15.95	16.31	17.01	17.39	18.78	18.73	19.09	19.79	20.17	21.55
	8H	15.99	16.31	17.06	17.38	18.78	18.88	19.19	19.95	20.26	21.66
	12H	15.98	16.26	17.05	17.32	18.76	18.97	19.25	20.05	20.32	21.76
12H	4H	15.70	16.09	16.75	17.15	18.54	18.26	18.65	19.31	19.71	21.10
	6H	16.01	16.33	17.08	17.40	18.80	18.72	19.04	19.79	20.11	21.51
	8H	16.08	16.36	17.15	17.42	18.86	18.88	19.16	19.96	20.22	21.67