

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: P933943

Luminaire Tested: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P933943
REPORT IS A COMBINATION OF REPORTS P933680 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

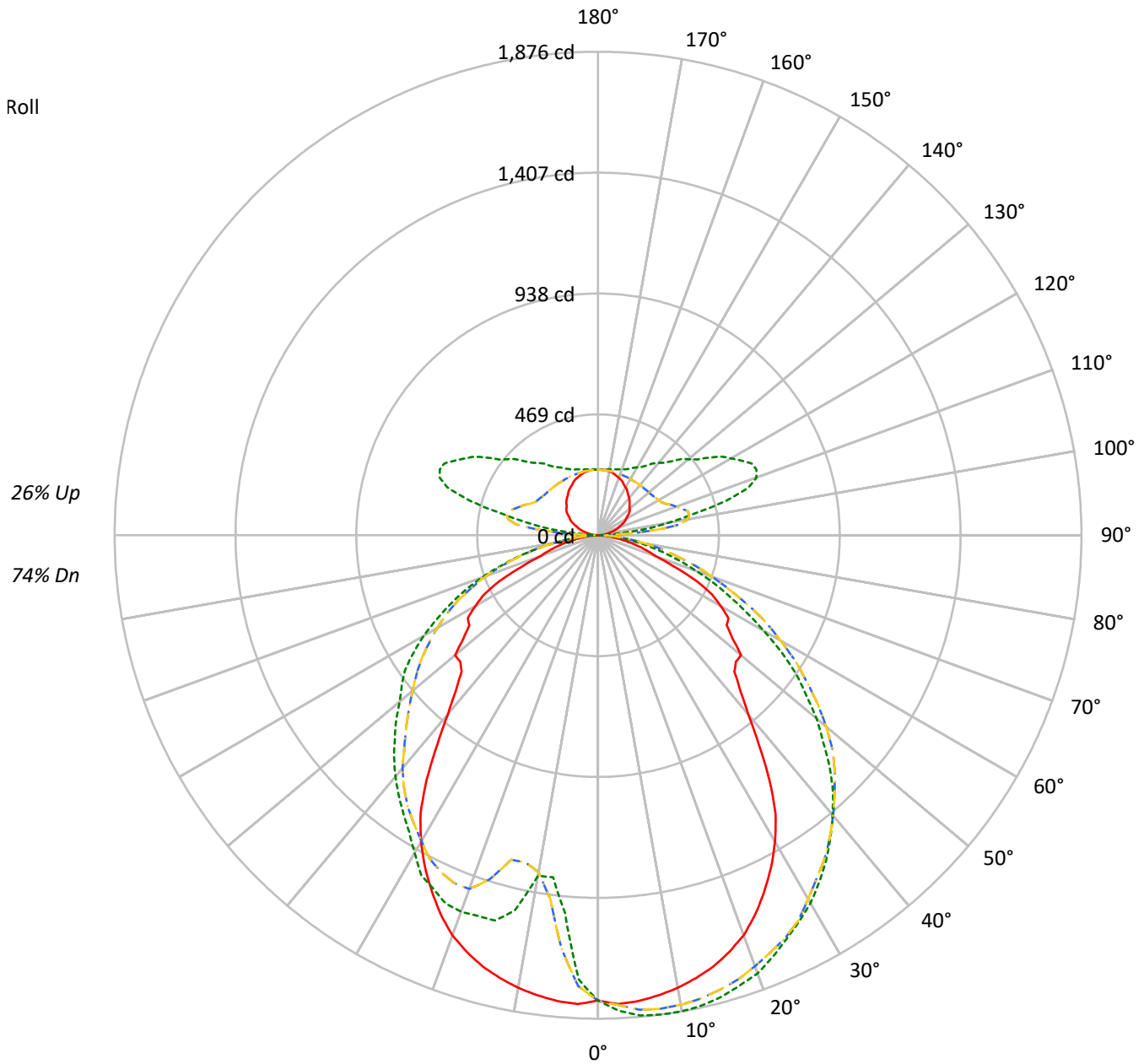
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6335.1 lumens
Efficiency: N/A
Efficacy: 105.6 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 60
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: P933943
CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-2700K

Luminous Intensity Polar Plot



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



TEST NUMBER: P933943

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-2700K

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	113	113	113	113	107	107	107	107	97	97	97	87	87	87	78	78	78	78	78	78	74
1	103	99	95	91	98	94	90	87	85	82	80	77	75	73	69	68	66	66	66	66	62
2	94	86	80	75	89	82	77	72	75	70	66	68	64	61	61	58	56	56	56	56	52
3	86	76	68	62	81	72	66	60	66	60	56	60	55	52	54	51	48	48	48	48	44
4	79	67	59	53	74	64	57	51	59	52	48	53	48	44	48	44	41	41	41	41	38
5	72	60	52	45	68	57	50	44	52	46	41	48	42	38	43	39	36	36	36	36	33
6	67	54	46	39	63	52	44	38	47	41	36	43	38	34	39	35	31	31	31	31	29
7	62	49	41	35	58	47	39	34	43	36	32	39	34	30	36	31	28	28	28	28	26
8	57	44	36	31	54	43	35	30	39	33	28	36	31	27	33	28	25	25	25	25	23
9	53	41	33	28	51	39	32	27	36	30	25	33	28	24	30	26	23	23	23	23	21
10	50	37	30	25	48	36	29	24	33	27	23	31	25	22	28	24	20	20	20	20	19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8377	8377	8377	8377
5°	8440	8456	8440	6649
10°	8383	8330	8383	5955
15°	8292	8149	8292	6805
20°	8119	7936	8119	6819
25°	7764	7624	7764	6674
30°	7305	7365	7305	6357
35°	6512	7037	6512	6009
40°	5427	6652	5427	5745
45°	4849	6201	4849	5442
50°	5151	5663	5151	5139
55°	4846	5083	4846	4962
60°	4996	4317	4996	4545
65°	4529	3568	4529	3989
70°	3137	2844	3137	3344
75°	2751	2102	2751	2518
80°	2216	1389	2216	1513
85°	1272	736	1272	626

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7431 cd/sqm



TEST NUMBER: P933943

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	163.0	2.6
10°-20°	462.7	7.3
20°-30°	715.3	11.3
30°-40°	853.9	13.5
40°-50°	859.0	13.6
50°-60°	747.4	11.8
60°-70°	529.9	8.4
70°-80°	280.4	4.4
80°-90°	70.8	1.1
90°-100°	124.3	2.0
100°-110°	326.7	5.2
110°-120°	338.8	5.3
120°-130°	271.7	4.3
130°-140°	213.2	3.4
140°-150°	163.7	2.6
150°-160°	117.8	1.9
160°-170°	72.1	1.1
170°-180°	24.4	0.4
0°-30°	1341.1	21.2
0°-40°	2195.0	34.6
0°-60°	3801.4	60.0
0°-90°	4682.5	73.9
90°-120°	789.7	12.5
90°-150°	1438.3	22.7
90°-180°	1653.0	26.1
0°-180°	6335.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1806	1806	1806	1806	1806	
5°	1814	1870	1814	1471	1814	172
15°	1732	1853	1732	1548	1732	487
25°	1525	1729	1525	1513	1525	700
35°	1160	1542	1160	1317	1160	718
45°	748	1271	748	1115	748	599
55°	610	938	610	916	610	560
65°	424	565	424	632	424	405
75°	161	268	161	321	161	169
85°	27	68	27	58	27	37
90°	2	6	2	6	2	3
95°	16	75	16	75	16	18
105°	59	512	59	512	59	62
115°	104	659	104	659	104	103
125°	146	525	146	525	146	129
135°	173	407	173	407	173	134
145°	201	330	201	330	201	126
155°	227	284	227	284	227	104
165°	245	265	245	265	245	69
175°	255	257	255	257	255	24
180°	255	255	255	255	255	



TEST NUMBER: P933943

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5
2.5°	1820.9	1820.9	1831.2	1834.6	1834.6	1829.5	1824.3	1829.5	1844.8	1850.0	1848.2
5°	1814.1	1827.7	1846.5	1850.0	1853.4	1851.7	1848.2	1851.7	1868.7	1872.2	1873.9
7.5°	1800.4	1826.0	1850.0	1855.1	1860.2	1855.1	1853.4	1856.8	1873.9	1877.3	1877.3
10°	1783.3	1819.2	1846.5	1850.0	1855.1	1850.0	1850.0	1856.8	1873.9	1877.3	1879.0
12.5°	1759.4	1809.0	1834.6	1838.0	1844.8	1843.1	1841.4	1848.2	1865.3	1868.7	1868.7
15°	1732.1	1790.2	1814.1	1817.5	1829.5	1826.0	1826.0	1832.9	1851.7	1856.8	1855.1
17.5°	1694.5	1766.3	1793.6	1798.7	1807.2	1805.5	1807.2	1814.1	1831.2	1834.6	1836.3
20°	1651.8	1733.8	1766.3	1771.4	1779.9	1779.9	1779.9	1788.5	1805.5	1812.4	1812.4
22.5°	1593.7	1699.6	1733.8	1737.2	1747.5	1747.5	1750.9	1762.8	1778.2	1779.9	1779.9
25°	1525.4	1662.0	1691.1	1701.3	1711.6	1716.7	1721.8	1728.7	1733.8	1732.1	1733.8
27.5°	1453.6	1614.2	1651.8	1658.6	1672.3	1677.4	1684.3	1686.0	1687.7	1692.8	1689.4
30°	1373.4	1547.6	1604.0	1610.8	1633.0	1636.4	1629.6	1633.0	1641.5	1645.0	1648.4
32.5°	1282.8	1448.5	1554.4	1569.8	1590.3	1580.1	1578.3	1583.5	1597.1	1597.1	1600.6
35°	1159.8	1371.6	1508.3	1522.0	1537.3	1525.4	1532.2	1533.9	1542.5	1547.6	1545.9
37.5°	1024.9	1305.0	1460.5	1470.7	1482.7	1467.3	1477.6	1482.7	1489.5	1486.1	1486.1
40°	905.4	1200.8	1404.1	1410.9	1421.2	1409.2	1419.5	1422.9	1426.3	1422.9	1421.2
42.5°	816.5	1086.4	1344.3	1352.9	1346.0	1354.6	1358.0	1364.8	1359.7	1352.9	1352.9
45°	748.2	1055.6	1279.4	1289.6	1279.4	1293.1	1298.2	1298.2	1282.8	1279.4	1277.7
47.5°	726.0	994.2	1214.5	1214.5	1209.4	1226.4	1235.0	1223.0	1207.7	1202.5	1202.5
50°	724.3	925.9	1125.7	1118.8	1142.7	1163.2	1154.7	1142.7	1130.8	1112.0	1112.0
52.5°	657.7	842.2	1011.3	1036.8	1074.4	1086.4	1072.7	1060.7	1040.2	1031.7	1024.9
55°	609.8	755.0	907.1	958.3	997.6	1013.0	987.4	975.4	944.7	939.5	936.1
57.5°	599.6	628.6	811.4	876.3	924.2	922.5	907.1	884.9	859.3	854.1	852.4
60°	550.1	454.4	708.9	785.8	835.3	830.2	816.5	796.0	772.1	768.7	765.3
62.5°	498.8	329.7	592.8	679.9	749.9	748.2	736.3	705.5	688.4	679.9	673.1
65°	423.6	276.7	421.9	565.4	666.2	669.6	644.0	621.8	603.0	592.8	591.1
67.5°	322.9	225.5	285.3	471.5	585.9	582.5	550.1	539.8	515.9	510.8	500.5
70°	239.2	150.3	198.2	382.6	507.4	498.8	473.2	461.2	439.0	427.1	420.2
72.5°	198.2	121.3	145.2	297.2	427.1	416.8	394.6	380.9	362.2	351.9	345.1
75°	160.6	128.1	111.0	220.4	346.8	339.9	319.4	305.8	290.4	276.7	278.4
77.5°	117.9	119.6	88.8	162.3	275.0	264.8	252.8	235.7	228.9	215.2	215.2
80°	88.8	94.0	66.6	111.0	198.2	198.2	187.9	176.0	164.0	157.2	157.2
82.5°	59.8	59.8	49.5	70.0	135.0	129.8	123.0	119.6	112.7	109.3	109.3
85°	27.3	34.2	30.7	42.7	73.5	76.9	76.9	73.5	71.7	68.3	70.0
87.5°	8.5	15.4	18.8	23.9	37.6	39.3	41.0	41.0	41.0	42.7	42.7
90°	1.7	3.1	4.4	4.8	7.5	11.2	13.0	11.5	8.6	6.5	6.5
92.5°	6.8	18.4	30.2	33.1	46.5	64.3	73.2	64.1	46.1	32.5	31.3
95°	16.4	37.7	59.0	64.3	114.2	180.7	214.0	191.0	144.9	110.4	106.4
97.5°	28.4	47.2	65.9	70.6	153.8	264.8	320.3	305.8	276.7	254.8	247.4
100°	37.7	54.7	71.7	75.9	168.3	291.3	352.9	354.0	356.2	357.8	348.9
102.5°	45.5	61.4	77.3	81.2	174.9	299.8	362.2	380.8	417.8	445.7	438.1
105°	58.8	72.3	85.8	89.2	179.9	300.7	361.2	402.8	486.0	548.4	544.3
107.5°	72.5	85.1	97.6	100.8	180.7	287.3	340.6	398.6	514.7	601.7	602.8
110°	81.8	93.1	104.5	107.3	179.4	275.5	323.5	388.4	518.1	615.4	619.7



TEST NUMBER: P933943

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	90.9	101.6	112.4	115.1	179.5	265.1	308.0	374.4	507.1	606.7	613.3
115°	104.5	114.5	124.4	126.9	181.1	253.2	289.3	353.3	481.2	577.1	586.2
117.5°	118.0	127.1	136.1	138.5	184.5	245.8	276.5	334.2	449.6	536.2	546.3
120°	125.9	134.4	143.0	145.1	187.2	243.3	271.4	324.1	429.5	508.6	518.4
122.5°	133.6	142.2	150.8	153.0	191.2	242.0	267.4	314.9	409.9	481.1	490.8
125°	145.5	153.3	161.1	163.1	196.4	240.9	263.2	303.5	384.2	444.7	453.5
127.5°	155.0	162.9	170.8	172.8	201.7	240.3	259.6	294.2	363.5	415.4	423.0
130°	160.1	168.7	177.1	179.3	205.6	240.7	258.2	289.0	350.7	396.9	403.8
132.5°	165.4	174.0	182.4	184.6	208.7	240.9	257.0	284.6	339.8	381.2	387.4
135°	173.3	181.1	188.8	190.8	212.2	240.7	255.0	278.1	324.3	359.0	364.3
137.5°	181.3	189.0	196.7	198.7	217.3	242.1	254.6	274.2	313.2	342.5	346.9
140°	188.0	195.1	202.2	204.0	220.5	242.4	253.4	270.3	304.1	329.4	333.5
142.5°	193.2	199.7	206.3	207.9	223.1	243.3	253.4	268.3	297.9	320.1	323.6
145°	201.1	206.8	212.4	213.9	226.5	243.3	251.7	263.8	288.1	306.3	308.9
147.5°	208.9	214.5	220.0	221.4	231.5	245.0	251.7	261.3	280.3	294.6	296.8
150°	214.0	219.1	224.0	225.3	234.1	245.8	251.7	259.7	275.9	287.9	289.7
152.5°	219.3	223.1	226.9	227.9	235.8	246.4	251.7	258.5	272.3	282.6	284.0
155°	227.2	230.0	232.8	233.5	239.6	247.7	251.7	257.2	268.1	276.3	277.2
157.5°	233.0	235.7	238.5	239.2	243.3	248.9	251.7	256.0	264.4	270.8	271.4
160°	236.9	239.1	241.2	241.7	245.0	249.5	251.7	255.4	262.6	268.1	268.5
162.5°	240.9	242.5	244.0	244.5	246.8	250.1	251.7	254.8	260.9	265.5	265.9
165°	245.2	246.7	248.1	248.5	249.6	251.0	251.7	253.9	258.3	261.6	262.0
167.5°	249.1	249.8	250.5	250.7	251.6	252.8	253.4	254.9	257.8	259.9	260.1
170°	251.7	252.4	253.1	253.2	253.3	253.4	253.4	254.9	257.8	259.9	259.9
172.5°	253.1	253.2	253.4	253.4	253.4	253.4	253.4	254.5	256.8	258.5	258.4
175°	255.0	255.0	255.0	255.0	254.4	253.8	253.4	254.1	255.6	256.7	256.7
177.5°	255.0	255.0	255.0	255.0	254.5	254.0	253.8	254.4	255.5	256.3	256.2
180°	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0



TEST NUMBER: P933943

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5
2.5°	1851.7	1846.5	1851.7	1848.2	1850.0	1844.8	1829.5	1824.3	1829.5	1834.6	1834.6
5°	1873.9	1870.5	1873.9	1873.9	1872.2	1868.7	1851.7	1848.2	1851.7	1853.4	1850.0
7.5°	1880.7	1875.6	1880.7	1877.3	1877.3	1873.9	1856.8	1853.4	1855.1	1860.2	1855.1
10°	1880.7	1875.6	1880.7	1879.0	1877.3	1873.9	1856.8	1850.0	1850.0	1855.1	1850.0
12.5°	1872.2	1868.7	1872.2	1868.7	1868.7	1865.3	1848.2	1841.4	1843.1	1844.8	1838.0
15°	1858.5	1853.4	1858.5	1855.1	1856.8	1851.7	1832.9	1826.0	1826.0	1829.5	1817.5
17.5°	1838.0	1831.2	1838.0	1836.3	1834.6	1831.2	1814.1	1807.2	1805.5	1807.2	1798.7
20°	1814.1	1809.0	1814.1	1812.4	1812.4	1805.5	1788.5	1779.9	1779.9	1779.9	1771.4
22.5°	1776.5	1771.4	1776.5	1779.9	1779.9	1778.2	1762.8	1750.9	1747.5	1747.5	1737.2
25°	1733.8	1728.7	1733.8	1733.8	1732.1	1733.8	1728.7	1721.8	1716.7	1711.6	1701.3
27.5°	1692.8	1689.4	1692.8	1689.4	1692.8	1687.7	1686.0	1684.3	1677.4	1672.3	1658.6
30°	1651.8	1648.4	1651.8	1648.4	1645.0	1641.5	1633.0	1629.6	1636.4	1633.0	1610.8
32.5°	1600.6	1597.1	1600.6	1600.6	1597.1	1597.1	1583.5	1578.3	1580.1	1590.3	1569.8
35°	1547.6	1542.5	1547.6	1545.9	1547.6	1542.5	1533.9	1532.2	1525.4	1537.3	1522.0
37.5°	1486.1	1481.0	1486.1	1486.1	1486.1	1489.5	1482.7	1477.6	1467.3	1482.7	1470.7
40°	1422.9	1416.1	1422.9	1421.2	1422.9	1426.3	1422.9	1419.5	1409.2	1421.2	1410.9
42.5°	1351.1	1349.4	1351.1	1352.9	1352.9	1359.7	1364.8	1358.0	1354.6	1346.0	1352.9
45°	1274.3	1270.9	1274.3	1277.7	1279.4	1282.8	1298.2	1298.2	1293.1	1279.4	1289.6
47.5°	1192.3	1183.7	1192.3	1202.5	1202.5	1207.7	1223.0	1235.0	1226.4	1209.4	1214.5
50°	1105.2	1106.9	1105.2	1112.0	1112.0	1130.8	1142.7	1154.7	1163.2	1142.7	1118.8
52.5°	1019.7	1018.1	1019.7	1024.9	1031.7	1040.2	1060.7	1072.7	1086.4	1074.4	1036.8
55°	934.4	937.8	934.4	936.1	939.5	944.7	975.4	987.4	1013.0	997.6	958.3
57.5°	849.0	843.9	849.0	852.4	854.1	859.3	884.9	907.1	922.5	924.2	876.3
60°	749.9	743.1	749.9	765.3	768.7	772.1	796.0	816.5	830.2	835.3	785.8
62.5°	662.8	650.8	662.8	673.1	679.9	688.4	705.5	736.3	748.2	749.9	679.9
65°	570.6	565.4	570.6	591.1	592.8	603.0	621.8	644.0	669.6	666.2	565.4
67.5°	486.9	486.9	486.9	500.5	510.8	515.9	539.8	550.1	582.5	585.9	471.5
70°	410.0	408.3	410.0	420.2	427.1	439.0	461.2	473.2	498.8	507.4	382.6
72.5°	336.5	334.8	336.5	345.1	351.9	362.2	380.9	394.6	416.8	427.1	297.2
75°	271.6	268.2	271.6	278.4	276.7	290.4	305.8	319.4	339.9	346.8	220.4
77.5°	208.4	208.4	208.4	215.2	215.2	228.9	235.7	252.8	264.8	275.0	162.3
80°	155.5	153.7	155.5	157.2	157.2	164.0	176.0	187.9	198.2	198.2	111.0
82.5°	109.3	105.9	109.3	109.3	109.3	112.7	119.6	123.0	129.8	135.0	70.0
85°	68.3	68.3	68.3	70.0	68.3	71.7	73.5	76.9	76.9	73.5	42.7
87.5°	44.4	42.7	44.4	42.7	42.7	41.0	41.0	41.0	39.3	37.6	23.9
90°	6.5	6.5	6.5	6.5	6.5	8.6	11.5	13.0	11.2	7.5	4.8
92.5°	26.1	20.8	26.1	31.3	32.5	46.1	64.1	73.2	64.3	46.5	33.1
95°	90.8	75.1	90.8	106.4	110.4	144.9	191.0	214.0	180.7	114.2	64.3
97.5°	217.5	187.7	217.5	247.4	254.8	276.7	305.8	320.3	264.8	153.8	70.6
100°	313.4	277.8	313.4	348.9	357.8	356.2	354.0	352.9	291.3	168.3	75.9
102.5°	407.7	377.3	407.7	438.1	445.7	417.8	380.8	362.2	299.8	174.9	81.2
105°	527.9	511.5	527.9	544.3	548.4	486.0	402.8	361.2	300.7	179.9	89.2
107.5°	606.7	610.6	606.7	602.8	601.7	514.7	398.6	340.6	287.3	180.7	100.8
110°	636.7	653.7	636.7	619.7	615.4	518.1	388.4	323.5	275.5	179.4	107.3



TEST NUMBER: P933943

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	639.4	665.5	639.4	613.3	606.7	507.1	374.4	308.0	265.1	179.5	115.1
115°	622.5	658.7	622.5	586.2	577.1	481.2	353.3	289.3	253.2	181.1	126.9
117.5°	586.5	626.8	586.5	546.3	536.2	449.6	334.2	276.5	245.8	184.5	138.5
120°	557.5	596.6	557.5	518.4	508.6	429.5	324.1	271.4	243.3	187.2	145.1
122.5°	529.3	567.8	529.3	490.8	481.1	409.9	314.9	267.4	242.0	191.2	153.0
125°	489.1	524.6	489.1	453.5	444.7	384.2	303.5	263.2	240.9	196.4	163.1
127.5°	452.9	482.8	452.9	423.0	415.4	363.5	294.2	259.6	240.3	201.7	172.8
130°	431.5	459.2	431.5	403.8	396.9	350.7	289.0	258.2	240.7	205.6	179.3
132.5°	412.2	437.0	412.2	387.4	381.2	339.8	284.6	257.0	240.9	208.7	184.6
135°	385.6	407.0	385.6	364.3	359.0	324.3	278.1	255.0	240.7	212.2	190.8
137.5°	364.4	381.9	364.4	346.9	342.5	313.2	274.2	254.6	242.1	217.3	198.7
140°	349.8	366.2	349.8	333.5	329.4	304.1	270.3	253.4	242.4	220.5	204.0
142.5°	337.7	351.7	337.7	323.6	320.1	297.9	268.3	253.4	243.3	223.1	207.9
145°	319.6	330.2	319.6	308.9	306.3	288.1	263.8	251.7	243.3	226.5	213.9
147.5°	305.6	314.5	305.6	296.8	294.6	280.3	261.3	251.7	245.0	231.5	221.4
150°	296.9	304.1	296.9	289.7	287.9	275.9	259.7	251.7	245.8	234.1	225.3
152.5°	289.4	294.8	289.4	284.0	282.6	272.3	258.5	251.7	246.4	235.8	227.9
155°	280.8	284.3	280.8	277.2	276.3	268.1	257.2	251.7	247.7	239.6	233.5
157.5°	274.0	276.5	274.0	271.4	270.8	264.4	256.0	251.7	248.9	243.3	239.2
160°	269.9	271.4	269.9	268.5	268.1	262.6	255.4	251.7	249.5	245.0	241.7
162.5°	267.3	268.6	267.3	265.9	265.5	260.9	254.8	251.7	250.1	246.8	244.5
165°	263.4	264.9	263.4	262.0	261.6	258.3	253.9	251.7	251.0	249.6	248.5
167.5°	260.7	261.3	260.7	260.1	259.9	257.8	254.9	253.4	252.8	251.6	250.7
170°	259.9	259.9	259.9	259.9	259.9	257.8	254.9	253.4	253.4	253.3	253.2
172.5°	257.9	257.3	257.9	258.4	258.5	256.8	254.5	253.4	253.4	253.4	253.4
175°	256.7	256.7	256.7	256.7	256.7	255.6	254.1	253.4	253.8	254.4	255.0
177.5°	255.6	255.0	255.6	256.2	256.3	255.5	254.4	253.8	254.0	254.5	255.0
180°	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0



TEST NUMBER: P933943

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5
2.5°	1831.2	1820.9	1820.9	1803.8	1797.0	1791.9	1783.3	1757.7	1750.9	1744.0	1754.3
5°	1846.5	1827.7	1814.1	1783.3	1757.7	1747.5	1715.0	1653.5	1612.5	1581.8	1564.7
7.5°	1850.0	1826.0	1800.4	1752.6	1691.1	1663.8	1564.7	1451.9	1421.2	1393.9	1376.8
10°	1846.5	1819.2	1783.3	1711.6	1566.4	1518.6	1419.5	1346.0	1327.2	1322.1	1327.2
12.5°	1834.6	1809.0	1759.4	1639.8	1436.6	1404.1	1346.0	1303.3	1299.9	1308.4	1354.6
15°	1814.1	1790.2	1732.1	1544.2	1364.8	1340.9	1299.9	1284.5	1303.3	1363.1	1501.5
17.5°	1793.6	1766.3	1694.5	1450.2	1310.1	1293.1	1264.0	1294.8	1400.7	1481.0	1527.1
20°	1766.3	1733.8	1651.8	1381.9	1270.9	1255.5	1241.8	1380.2	1460.5	1489.5	1515.1
22.5°	1733.8	1699.6	1593.7	1334.1	1229.9	1217.9	1226.4	1428.0	1460.5	1481.0	1503.2
25°	1691.1	1662.0	1525.4	1296.5	1197.4	1183.7	1216.2	1422.9	1441.7	1446.8	1491.2
27.5°	1651.8	1614.2	1453.6	1262.3	1158.1	1153.0	1224.7	1400.7	1414.4	1419.5	1467.3
30°	1604.0	1547.6	1373.4	1226.4	1117.1	1115.4	1226.4	1373.4	1369.9	1383.6	1431.4
32.5°	1554.4	1448.5	1282.8	1182.0	1077.8	1076.1	1214.5	1332.4	1328.9	1347.7	1383.6
35°	1508.3	1371.6	1159.8	1130.8	1028.3	1030.0	1185.4	1284.5	1286.2	1303.3	1325.5
37.5°	1460.5	1305.0	1024.9	1074.4	980.5	980.5	1146.2	1240.1	1236.7	1241.8	1272.6
40°	1404.1	1200.8	905.4	1001.0	936.1	931.0	1098.3	1192.3	1180.3	1178.6	1221.3
42.5°	1344.3	1086.4	816.5	903.7	884.9	878.0	1040.2	1134.2	1112.0	1117.1	1171.8
45°	1279.4	1055.6	748.2	763.6	831.9	826.8	977.1	1067.6	1052.2	1065.9	1122.2
47.5°	1214.5	994.2	726.0	633.8	775.5	773.8	907.1	1002.7	994.2	1007.9	1067.6
50°	1125.7	925.9	724.3	543.2	712.3	719.2	823.4	939.5	939.5	951.5	1014.7
52.5°	1011.3	842.2	657.7	492.0	638.9	659.4	749.9	884.9	888.3	900.3	956.6
55°	907.1	755.0	609.8	452.7	551.8	596.2	678.2	828.5	835.3	847.3	898.5
57.5°	811.4	628.6	599.6	406.6	471.5	514.2	615.0	773.8	777.3	787.5	837.0
60°	708.9	454.4	550.1	357.0	401.4	433.9	556.9	708.9	720.9	727.7	770.4
62.5°	592.8	329.7	498.8	322.9	367.3	374.1	509.1	647.4	662.8	667.9	693.6
65°	421.9	276.7	423.6	293.8	331.4	333.1	457.8	584.2	597.9	606.4	625.2
67.5°	285.3	225.5	322.9	266.5	304.1	305.8	408.3	510.8	529.6	536.4	548.4
70°	198.2	150.3	239.2	237.4	273.3	276.7	355.3	444.1	461.2	466.4	473.2
72.5°	145.2	121.3	198.2	213.5	240.9	244.3	300.7	369.0	386.1	391.2	394.6
75°	111.0	128.1	160.6	186.2	205.0	206.7	246.0	300.7	312.6	316.0	317.7
77.5°	88.8	119.6	117.9	150.3	167.4	164.0	193.0	232.3	242.6	242.6	242.6
80°	66.6	94.0	88.8	107.6	123.0	119.6	138.4	165.7	169.1	172.5	170.8
82.5°	49.5	59.8	59.8	68.3	82.0	78.6	92.2	107.6	107.6	107.6	111.0
85°	30.7	34.2	27.3	35.9	46.1	44.4	51.2	58.1	59.8	59.8	56.4
87.5°	18.8	15.4	8.5	13.7	20.5	20.5	23.9	25.6	23.9	23.9	23.9
90°	4.4	3.1	1.7	3.1	4.4	4.8	7.5	11.2	13.0	11.5	8.6
92.5°	30.2	18.4	6.8	18.4	30.2	33.1	46.5	64.3	73.2	64.1	46.1
95°	59.0	37.7	16.4	37.7	59.0	64.3	114.2	180.7	214.0	191.0	144.9
97.5°	65.9	47.2	28.4	47.2	65.9	70.6	153.8	264.8	320.3	305.8	276.7
100°	71.7	54.7	37.7	54.7	71.7	75.9	168.3	291.3	352.9	354.0	356.2
102.5°	77.3	61.4	45.5	61.4	77.3	81.2	174.9	299.8	362.2	380.8	417.8
105°	85.8	72.3	58.8	72.3	85.8	89.2	179.9	300.7	361.2	402.8	486.0
107.5°	97.6	85.1	72.5	85.1	97.6	100.8	180.7	287.3	340.6	398.6	514.7
110°	104.5	93.1	81.8	93.1	104.5	107.3	179.4	275.5	323.5	388.4	518.1



TEST NUMBER: P933943

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	112.4	101.6	90.9	101.6	112.4	115.1	179.5	265.1	308.0	374.4	507.1
115°	124.4	114.5	104.5	114.5	124.4	126.9	181.1	253.2	289.3	353.3	481.2
117.5°	136.1	127.1	118.0	127.1	136.1	138.5	184.5	245.8	276.5	334.2	449.6
120°	143.0	134.4	125.9	134.4	143.0	145.1	187.2	243.3	271.4	324.1	429.5
122.5°	150.8	142.2	133.6	142.2	150.8	153.0	191.2	242.0	267.4	314.9	409.9
125°	161.1	153.3	145.5	153.3	161.1	163.1	196.4	240.9	263.2	303.5	384.2
127.5°	170.8	162.9	155.0	162.9	170.8	172.8	201.7	240.3	259.6	294.2	363.5
130°	177.1	168.7	160.1	168.7	177.1	179.3	205.6	240.7	258.2	289.0	350.7
132.5°	182.4	174.0	165.4	174.0	182.4	184.6	208.7	240.9	257.0	284.6	339.8
135°	188.8	181.1	173.3	181.1	188.8	190.8	212.2	240.7	255.0	278.1	324.3
137.5°	196.7	189.0	181.3	189.0	196.7	198.7	217.3	242.1	254.6	274.2	313.2
140°	202.2	195.1	188.0	195.1	202.2	204.0	220.5	242.4	253.4	270.3	304.1
142.5°	206.3	199.7	193.2	199.7	206.3	207.9	223.1	243.3	253.4	268.3	297.9
145°	212.4	206.8	201.1	206.8	212.4	213.9	226.5	243.3	251.7	263.8	288.1
147.5°	220.0	214.5	208.9	214.5	220.0	221.4	231.5	245.0	251.7	261.3	280.3
150°	224.0	219.1	214.0	219.1	224.0	225.3	234.1	245.8	251.7	259.7	275.9
152.5°	226.9	223.1	219.3	223.1	226.9	227.9	235.8	246.4	251.7	258.5	272.3
155°	232.8	230.0	227.2	230.0	232.8	233.5	239.6	247.7	251.7	257.2	268.1
157.5°	238.5	235.7	233.0	235.7	238.5	239.2	243.3	248.9	251.7	256.0	264.4
160°	241.2	239.1	236.9	239.1	241.2	241.7	245.0	249.5	251.7	255.4	262.6
162.5°	244.0	242.5	240.9	242.5	244.0	244.5	246.8	250.1	251.7	254.8	260.9
165°	248.1	246.7	245.2	246.7	248.1	248.5	249.6	251.0	251.7	253.9	258.3
167.5°	250.5	249.8	249.1	249.8	250.5	250.7	251.6	252.8	253.4	254.9	257.8
170°	253.1	252.4	251.7	252.4	253.1	253.2	253.3	253.4	253.4	254.9	257.8
172.5°	253.4	253.2	253.1	253.2	253.4	253.4	253.4	253.4	253.4	254.5	256.8
175°	255.0	255.0	255.0	255.0	255.0	255.0	254.4	253.8	253.4	254.1	255.6
177.5°	255.0	255.0	255.0	255.0	255.0	255.0	254.5	254.0	253.8	254.4	255.5
180°	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0



TEST NUMBER: P933943

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5
2.5°	1742.3	1737.2	1744.0	1725.3	1744.0	1737.2	1742.3	1754.3	1744.0	1750.9	1757.7
5°	1528.8	1520.3	1492.9	1470.7	1492.9	1520.3	1528.8	1564.7	1581.8	1612.5	1653.5
7.5°	1366.5	1359.7	1352.9	1339.2	1352.9	1359.7	1366.5	1376.8	1393.9	1421.2	1451.9
10°	1330.6	1332.4	1342.6	1340.9	1342.6	1332.4	1330.6	1327.2	1322.1	1327.2	1346.0
12.5°	1422.9	1438.3	1494.6	1491.2	1494.6	1438.3	1422.9	1354.6	1308.4	1299.9	1303.3
15°	1528.8	1533.9	1545.9	1547.6	1545.9	1533.9	1528.8	1501.5	1363.1	1303.3	1284.5
17.5°	1539.1	1540.8	1549.3	1549.3	1549.3	1540.8	1539.1	1527.1	1481.0	1400.7	1294.8
20°	1530.5	1533.9	1551.0	1554.4	1551.0	1533.9	1530.5	1515.1	1489.5	1460.5	1380.2
22.5°	1527.1	1533.9	1547.6	1545.9	1547.6	1533.9	1527.1	1503.2	1481.0	1460.5	1428.0
25°	1510.0	1510.0	1511.7	1513.4	1511.7	1510.0	1510.0	1491.2	1446.8	1441.7	1422.9
27.5°	1474.1	1477.6	1487.8	1486.1	1487.8	1477.6	1474.1	1467.3	1419.5	1414.4	1400.7
30°	1441.7	1438.3	1429.7	1422.9	1429.7	1438.3	1441.7	1431.4	1383.6	1369.9	1373.4
32.5°	1387.0	1378.5	1369.9	1364.8	1369.9	1378.5	1387.0	1383.6	1347.7	1328.9	1332.4
35°	1322.1	1323.8	1322.1	1317.0	1322.1	1323.8	1322.1	1325.5	1303.3	1286.2	1284.5
37.5°	1276.0	1279.4	1277.7	1270.9	1277.7	1279.4	1276.0	1272.6	1241.8	1236.7	1240.1
40°	1228.2	1229.9	1228.2	1223.0	1228.2	1229.9	1228.2	1221.3	1178.6	1180.3	1192.3
42.5°	1182.0	1180.3	1175.2	1171.8	1175.2	1180.3	1182.0	1171.8	1117.1	1112.0	1134.2
45°	1129.1	1130.8	1120.5	1115.4	1120.5	1130.8	1129.1	1122.2	1065.9	1052.2	1067.6
47.5°	1076.1	1076.1	1067.6	1062.4	1067.6	1076.1	1076.1	1067.6	1007.9	994.2	1002.7
50°	1019.7	1018.1	1006.2	1004.5	1006.2	1018.1	1019.7	1014.7	951.5	939.5	939.5
52.5°	954.9	954.9	956.6	960.0	956.6	954.9	954.9	956.6	900.3	888.3	884.9
55°	898.5	900.3	912.2	915.6	912.2	900.3	898.5	898.5	847.3	835.3	828.5
57.5°	840.5	840.5	849.0	849.0	849.0	840.5	840.5	837.0	787.5	777.3	773.8
60°	773.8	777.3	784.1	782.4	784.1	777.3	773.8	770.4	727.7	720.9	708.9
62.5°	703.8	707.2	708.9	705.5	708.9	707.2	703.8	693.6	667.9	662.8	647.4
65°	630.3	633.8	635.5	632.1	635.5	633.8	630.3	625.2	606.4	597.9	584.2
67.5°	555.2	553.5	551.8	558.6	551.8	553.5	555.2	548.4	536.4	529.6	510.8
70°	478.3	478.3	476.6	480.0	476.6	478.3	478.3	473.2	466.4	461.2	444.1
72.5°	396.3	394.6	401.4	396.3	401.4	394.6	396.3	394.6	391.2	386.1	369.0
75°	316.0	319.4	316.0	321.2	316.0	319.4	316.0	317.7	316.0	312.6	300.7
77.5°	240.9	244.3	240.9	240.9	240.9	244.3	240.9	242.6	242.6	242.6	232.3
80°	170.8	169.1	169.1	167.4	169.1	169.1	170.8	170.8	172.5	169.1	165.7
82.5°	109.3	107.6	107.6	111.0	107.6	107.6	109.3	111.0	107.6	107.6	107.6
85°	59.8	61.5	58.1	58.1	58.1	61.5	59.8	56.4	59.8	59.8	58.1
87.5°	22.2	20.5	20.5	20.5	20.5	20.5	22.2	23.9	23.9	23.9	25.6
90°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	8.6	11.5	13.0	11.2
92.5°	32.5	31.3	26.1	20.8	26.1	31.3	32.5	46.1	64.1	73.2	64.3
95°	110.4	106.4	90.8	75.1	90.8	106.4	110.4	144.9	191.0	214.0	180.7
97.5°	254.8	247.4	217.5	187.7	217.5	247.4	254.8	276.7	305.8	320.3	264.8
100°	357.8	348.9	313.4	277.8	313.4	348.9	357.8	356.2	354.0	352.9	291.3
102.5°	445.7	438.1	407.7	377.3	407.7	438.1	445.7	417.8	380.8	362.2	299.8
105°	548.4	544.3	527.9	511.5	527.9	544.3	548.4	486.0	402.8	361.2	300.7
107.5°	601.7	602.8	606.7	610.6	606.7	602.8	601.7	514.7	398.6	340.6	287.3
110°	615.4	619.7	636.7	653.7	636.7	619.7	615.4	518.1	388.4	323.5	275.5



TEST NUMBER: P933943

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	606.7	613.3	639.4	665.5	639.4	613.3	606.7	507.1	374.4	308.0	265.1
115°	577.1	586.2	622.5	658.7	622.5	586.2	577.1	481.2	353.3	289.3	253.2
117.5°	536.2	546.3	586.5	626.8	586.5	546.3	536.2	449.6	334.2	276.5	245.8
120°	508.6	518.4	557.5	596.6	557.5	518.4	508.6	429.5	324.1	271.4	243.3
122.5°	481.1	490.8	529.3	567.8	529.3	490.8	481.1	409.9	314.9	267.4	242.0
125°	444.7	453.5	489.1	524.6	489.1	453.5	444.7	384.2	303.5	263.2	240.9
127.5°	415.4	423.0	452.9	482.8	452.9	423.0	415.4	363.5	294.2	259.6	240.3
130°	396.9	403.8	431.5	459.2	431.5	403.8	396.9	350.7	289.0	258.2	240.7
132.5°	381.2	387.4	412.2	437.0	412.2	387.4	381.2	339.8	284.6	257.0	240.9
135°	359.0	364.3	385.6	407.0	385.6	364.3	359.0	324.3	278.1	255.0	240.7
137.5°	342.5	346.9	364.4	381.9	364.4	346.9	342.5	313.2	274.2	254.6	242.1
140°	329.4	333.5	349.8	366.2	349.8	333.5	329.4	304.1	270.3	253.4	242.4
142.5°	320.1	323.6	337.7	351.7	337.7	323.6	320.1	297.9	268.3	253.4	243.3
145°	306.3	308.9	319.6	330.2	319.6	308.9	306.3	288.1	263.8	251.7	243.3
147.5°	294.6	296.8	305.6	314.5	305.6	296.8	294.6	280.3	261.3	251.7	245.0
150°	287.9	289.7	296.9	304.1	296.9	289.7	287.9	275.9	259.7	251.7	245.8
152.5°	282.6	284.0	289.4	294.8	289.4	284.0	282.6	272.3	258.5	251.7	246.4
155°	276.3	277.2	280.8	284.3	280.8	277.2	276.3	268.1	257.2	251.7	247.7
157.5°	270.8	271.4	274.0	276.5	274.0	271.4	270.8	264.4	256.0	251.7	248.9
160°	268.1	268.5	269.9	271.4	269.9	268.5	268.1	262.6	255.4	251.7	249.5
162.5°	265.5	265.9	267.3	268.6	267.3	265.9	265.5	260.9	254.8	251.7	250.1
165°	261.6	262.0	263.4	264.9	263.4	262.0	261.6	258.3	253.9	251.7	251.0
167.5°	259.9	260.1	260.7	261.3	260.7	260.1	259.9	257.8	254.9	253.4	252.8
170°	259.9	259.9	259.9	259.9	259.9	259.9	259.9	257.8	254.9	253.4	253.4
172.5°	258.5	258.4	257.9	257.3	257.9	258.4	258.5	256.8	254.5	253.4	253.4
175°	256.7	256.7	256.7	256.7	256.7	256.7	256.7	255.6	254.1	253.4	253.8
177.5°	256.3	256.2	255.6	255.0	255.6	256.2	256.3	255.5	254.4	253.8	254.0
180°	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0



TEST NUMBER: P933943

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1805.5	1805.5	1805.5	1805.5	1805.5
2.5°	1783.3	1791.9	1797.0	1803.8	1820.9
5°	1715.0	1747.5	1757.7	1783.3	1814.1
7.5°	1564.7	1663.8	1691.1	1752.6	1800.4
10°	1419.5	1518.6	1566.4	1711.6	1783.3
12.5°	1346.0	1404.1	1436.6	1639.8	1759.4
15°	1299.9	1340.9	1364.8	1544.2	1732.1
17.5°	1264.0	1293.1	1310.1	1450.2	1694.5
20°	1241.8	1255.5	1270.9	1381.9	1651.8
22.5°	1226.4	1217.9	1229.9	1334.1	1593.7
25°	1216.2	1183.7	1197.4	1296.5	1525.4
27.5°	1224.7	1153.0	1158.1	1262.3	1453.6
30°	1226.4	1115.4	1117.1	1226.4	1373.4
32.5°	1214.5	1076.1	1077.8	1182.0	1282.8
35°	1185.4	1030.0	1028.3	1130.8	1159.8
37.5°	1146.2	980.5	980.5	1074.4	1024.9
40°	1098.3	931.0	936.1	1001.0	905.4
42.5°	1040.2	878.0	884.9	903.7	816.5
45°	977.1	826.8	831.9	763.6	748.2
47.5°	907.1	773.8	775.5	633.8	726.0
50°	823.4	719.2	712.3	543.2	724.3
52.5°	749.9	659.4	638.9	492.0	657.7
55°	678.2	596.2	551.8	452.7	609.8
57.5°	615.0	514.2	471.5	406.6	599.6
60°	556.9	433.9	401.4	357.0	550.1
62.5°	509.1	374.1	367.3	322.9	498.8
65°	457.8	333.1	331.4	293.8	423.6
67.5°	408.3	305.8	304.1	266.5	322.9
70°	355.3	276.7	273.3	237.4	239.2
72.5°	300.7	244.3	240.9	213.5	198.2
75°	246.0	206.7	205.0	186.2	160.6
77.5°	193.0	164.0	167.4	150.3	117.9
80°	138.4	119.6	123.0	107.6	88.8
82.5°	92.2	78.6	82.0	68.3	59.8
85°	51.2	44.4	46.1	35.9	27.3
87.5°	23.9	20.5	20.5	13.7	8.5
90°	7.5	4.8	4.4	3.1	1.7
92.5°	46.5	33.1	30.2	18.4	6.8
95°	114.2	64.3	59.0	37.7	16.4
97.5°	153.8	70.6	65.9	47.2	28.4
100°	168.3	75.9	71.7	54.7	37.7
102.5°	174.9	81.2	77.3	61.4	45.5
105°	179.9	89.2	85.8	72.3	58.8
107.5°	180.7	100.8	97.6	85.1	72.5
110°	179.4	107.3	104.5	93.1	81.8



TEST NUMBER: P933943

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	179.5	115.1	112.4	101.6	90.9
115°	181.1	126.9	124.4	114.5	104.5
117.5°	184.5	138.5	136.1	127.1	118.0
120°	187.2	145.1	143.0	134.4	125.9
122.5°	191.2	153.0	150.8	142.2	133.6
125°	196.4	163.1	161.1	153.3	145.5
127.5°	201.7	172.8	170.8	162.9	155.0
130°	205.6	179.3	177.1	168.7	160.1
132.5°	208.7	184.6	182.4	174.0	165.4
135°	212.2	190.8	188.8	181.1	173.3
137.5°	217.3	198.7	196.7	189.0	181.3
140°	220.5	204.0	202.2	195.1	188.0
142.5°	223.1	207.9	206.3	199.7	193.2
145°	226.5	213.9	212.4	206.8	201.1
147.5°	231.5	221.4	220.0	214.5	208.9
150°	234.1	225.3	224.0	219.1	214.0
152.5°	235.8	227.9	226.9	223.1	219.3
155°	239.6	233.5	232.8	230.0	227.2
157.5°	243.3	239.2	238.5	235.7	233.0
160°	245.0	241.7	241.2	239.1	236.9
162.5°	246.8	244.5	244.0	242.5	240.9
165°	249.6	248.5	248.1	246.7	245.2
167.5°	251.6	250.7	250.5	249.8	249.1
170°	253.3	253.2	253.1	252.4	251.7
172.5°	253.4	253.4	253.4	253.2	253.1
175°	254.4	255.0	255.0	255.0	255.0
177.5°	254.5	255.0	255.0	255.0	255.0
180°	255.0	255.0	255.0	255.0	255.0



TEST NUMBER: P933943

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-2700K

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	14.16	15.28	14.88	16.03	16.91	16.99	18.12	17.72	18.86	19.75
	3H	14.65	15.67	15.39	16.42	17.33	18.36	19.37	19.10	20.13	21.04
	4H	14.86	15.81	15.61	16.57	17.50	18.82	19.78	19.57	20.54	21.46
	6H	14.99	15.87	15.76	16.64	17.58	19.12	20.00	19.89	20.77	21.71
	8H	15.00	15.84	15.77	16.63	17.57	19.20	20.04	19.98	20.83	21.78
	12H	14.98	15.78	15.76	16.56	17.53	19.25	20.05	20.03	20.84	21.81
4H	2H	15.22	16.18	15.98	16.94	17.87	17.44	18.39	18.19	19.15	20.08
	3H	16.28	17.07	17.04	17.87	18.81	18.97	19.76	19.74	20.56	21.50
	4H	16.56	17.29	17.35	18.08	19.05	19.51	20.23	20.29	21.03	22.00
	6H	16.70	17.33	17.50	18.15	19.13	19.89	20.52	20.69	21.34	22.32
	8H	16.71	17.30	17.52	18.12	19.11	20.01	20.59	20.81	21.41	22.40
	12H	16.69	17.22	17.52	18.06	19.06	20.08	20.60	20.90	21.44	22.44
8H	4H	17.04	17.62	17.84	18.44	19.43	19.65	20.24	20.46	21.06	22.05
	6H	17.31	17.80	18.15	18.65	19.65	20.10	20.59	20.94	21.45	22.44
	8H	17.36	17.79	18.20	18.64	19.65	20.26	20.69	21.11	21.55	22.56
	12H	17.35	17.73	18.20	18.58	19.64	20.37	20.75	21.22	21.60	22.66
12H	4H	17.06	17.58	17.88	18.42	19.42	19.63	20.16	20.46	21.00	21.99
	6H	17.37	17.81	18.22	18.66	19.67	20.10	20.53	20.95	21.39	22.40
	8H	17.45	17.83	18.30	18.68	19.74	20.28	20.66	21.13	21.50	22.57