

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: P933968

Luminaire Tested: SQ4-FA-025U-075D-93050-1D-UNV-STD-W-8-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P933968
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-93050-1D-UNV-STD-W-8-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

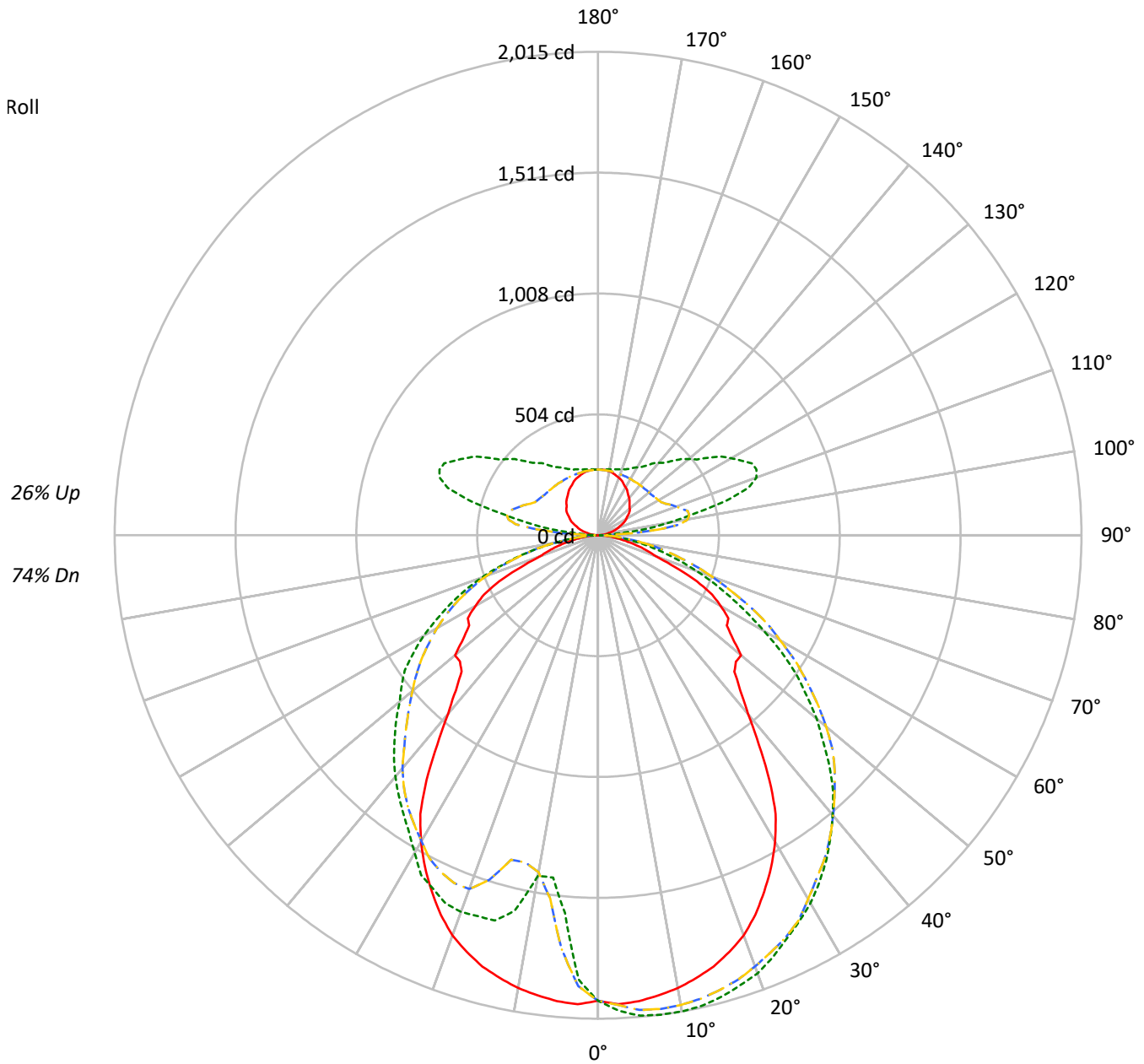
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6806.6 lumens
Efficiency: N/A
Efficacy: 113.4 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: P933968
CATALOG NUMBER: SQ4-FA-025U-075D-93050-1D-UNV-STD-W-8-5000K

Luminous Intensity Polar Plot



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



TEST NUMBER: P933968

CATALOG NUMBER: SQ4-FA-025U-075D-93050-1D-UNV-STD-W-8-5000K

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9000	9000	9000	9000
5°	9068	9086	9068	7144
10°	9007	8950	9007	6398
15°	8909	8756	8909	7311
20°	8723	8526	8723	7326
25°	8341	8191	8341	7171
30°	7849	7913	7849	6830
35°	6997	7561	6997	6456
40°	5831	7147	5831	6172
45°	5210	6662	5210	5847
50°	5535	6084	5535	5521
55°	5207	5461	5207	5332
60°	5368	4638	5368	4883
65°	4867	3834	4867	4286
70°	3371	3056	3371	3592
75°	2954	2259	2954	2705
80°	2380	1493	2380	1626
85°	1369	791	1369	672

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7984 cd/sqm



TEST NUMBER: P933968

CATALOG NUMBER: SQ4-FA-025U-075D-93050-1D-UNV-STD-W-8-5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	175.1	2.6
10°-20°	497.2	7.3
20°-30°	768.6	11.3
30°-40°	917.5	13.5
40°-50°	922.9	13.6
50°-60°	803.0	11.8
60°-70°	569.4	8.4
70°-80°	301.2	4.4
80°-90°	76.1	1.1
90°-100°	133.5	2.0
100°-110°	351.0	5.2
110°-120°	364.0	5.3
120°-130°	292.0	4.3
130°-140°	229.1	3.4
140°-150°	175.8	2.6
150°-160°	126.6	1.9
160°-170°	77.5	1.1
170°-180°	26.2	0.4
0°-30°	1440.9	21.2
0°-40°	2358.3	34.6
0°-60°	4084.3	60.0
0°-90°	5030.9	73.9
90°-120°	848.5	12.5
90°-150°	1545.4	22.7
90°-180°	1776.0	26.1
0°-180°	6806.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1940	1940	1940	1940	1940	
5°	1949	2010	1949	1580	1949	185
15°	1861	1991	1861	1663	1861	524
25°	1639	1857	1639	1626	1639	753
35°	1246	1657	1246	1415	1246	771
45°	804	1365	804	1198	804	644
55°	655	1008	655	984	655	602
65°	455	608	455	679	455	435
75°	172	288	172	345	172	181
85°	29	73	29	62	29	40
90°	2	7	2	7	2	3
95°	18	81	18	81	18	20
105°	63	550	63	550	63	67
115°	112	708	112	708	112	111
125°	156	564	156	564	156	139
135°	186	437	186	437	186	144
145°	216	355	216	355	216	135
155°	244	306	244	306	244	112
165°	264	285	264	285	264	74
175°	274	276	274	276	274	26
180°	274	274	274	274	274	



TEST NUMBER: P933968

CATALOG NUMBER: SQ4-FA-025U-075D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9
2.5°	1956.4	1956.4	1967.4	1971.1	1971.1	1965.6	1960.1	1965.6	1982.1	1987.6	1985.8
5°	1949.1	1963.8	1984.0	1987.6	1991.3	1989.5	1985.8	1989.5	2007.8	2011.5	2013.3
7.5°	1934.4	1961.9	1987.6	1993.1	1998.6	1993.1	1991.3	1995.0	2013.3	2017.0	2017.0
10°	1916.1	1954.6	1984.0	1987.6	1993.1	1987.6	1987.6	1995.0	2013.3	2017.0	2018.8
12.5°	1890.4	1943.6	1971.1	1974.8	1982.1	1980.3	1978.5	1985.8	2004.2	2007.8	2007.8
15°	1861.0	1923.4	1949.1	1952.8	1965.6	1961.9	1961.9	1969.3	1989.5	1995.0	1993.1
17.5°	1820.6	1897.7	1927.1	1932.6	1941.8	1939.9	1941.8	1949.1	1967.4	1971.1	1973.0
20°	1774.7	1862.8	1897.7	1903.2	1912.4	1912.4	1912.4	1921.6	1939.9	1947.3	1947.3
22.5°	1712.3	1826.1	1862.8	1866.5	1877.5	1877.5	1881.2	1894.0	1910.5	1912.4	1912.4
25°	1638.9	1785.7	1816.9	1828.0	1839.0	1844.5	1850.0	1857.3	1862.8	1861.0	1862.8
27.5°	1561.8	1734.4	1774.7	1782.1	1796.8	1802.3	1809.6	1811.4	1813.3	1818.8	1815.1
30°	1475.6	1662.8	1723.3	1730.7	1754.5	1758.2	1750.9	1754.5	1763.7	1767.4	1771.1
32.5°	1378.3	1556.3	1670.1	1686.6	1708.7	1697.6	1695.8	1701.3	1716.0	1716.0	1719.7
35°	1246.1	1473.7	1620.6	1635.2	1651.8	1638.9	1646.3	1648.1	1657.3	1662.8	1660.9
37.5°	1101.1	1402.1	1569.2	1580.2	1593.0	1576.5	1587.5	1593.0	1600.4	1596.7	1596.7
40°	972.8	1290.2	1508.6	1515.9	1527.0	1514.1	1525.1	1528.8	1532.5	1528.8	1527.0
42.5°	877.3	1167.2	1444.4	1453.5	1446.2	1455.4	1459.0	1466.4	1460.9	1453.5	1453.5
45°	803.9	1134.2	1374.6	1385.6	1374.6	1389.3	1394.8	1394.8	1378.3	1374.6	1372.8
47.5°	780.0	1068.2	1304.9	1304.9	1299.4	1317.7	1326.9	1314.0	1297.5	1292.0	1292.0
50°	778.2	994.8	1209.4	1202.1	1227.8	1249.8	1240.6	1227.8	1214.9	1194.7	1194.7
52.5°	706.6	904.8	1086.6	1114.0	1154.4	1167.2	1152.5	1139.7	1117.7	1108.5	1101.1
55°	655.2	811.2	974.6	1029.7	1071.9	1088.4	1060.9	1048.0	1015.0	1009.5	1005.8
57.5°	644.2	675.4	871.8	941.6	992.9	991.1	974.6	950.7	923.2	917.7	915.9
60°	591.0	488.2	761.7	844.3	897.5	892.0	877.3	855.3	829.6	825.9	822.3
62.5°	535.9	354.2	636.9	730.5	805.7	803.9	791.1	758.0	739.7	730.5	723.1
65°	455.2	297.3	453.3	607.5	715.8	719.5	691.9	668.1	647.9	636.9	635.0
67.5°	346.9	242.3	306.5	506.6	629.5	625.9	591.0	580.0	554.3	548.8	537.8
70°	257.0	161.5	212.9	411.1	545.1	535.9	508.4	495.6	471.7	458.8	451.5
72.5°	212.9	130.3	156.0	319.4	458.8	447.8	424.0	409.3	389.1	378.1	370.7
75°	172.5	137.7	119.3	236.8	372.6	365.2	343.2	328.5	312.0	297.3	299.2
77.5°	126.6	128.5	95.4	174.4	295.5	284.5	271.6	253.3	245.9	231.3	231.3
80°	95.4	100.9	71.6	119.3	212.9	212.9	201.9	189.0	176.2	168.9	168.9
82.5°	64.2	64.2	53.2	75.3	145.0	139.5	132.1	128.5	121.1	117.5	117.5
85°	29.4	36.7	33.0	45.9	78.9	82.6	82.6	78.9	77.1	73.4	75.3
87.5°	9.2	16.5	20.2	25.7	40.4	42.2	44.0	44.0	44.0	45.9	45.9
90°	1.8	3.3	4.8	5.1	8.1	12.0	13.9	12.4	9.3	7.0	7.0
92.5°	7.3	19.8	32.4	35.5	49.9	69.1	78.6	68.9	49.6	35.0	33.6
95°	17.6	40.5	63.4	69.1	122.7	194.2	230.0	205.2	155.7	118.6	114.3
97.5°	30.6	50.7	70.8	75.9	165.3	284.5	344.1	328.5	297.2	273.7	265.8
100°	40.5	58.7	77.0	81.6	180.8	313.0	379.2	380.4	382.7	384.4	374.9
102.5°	48.9	66.0	83.1	87.3	187.9	322.1	389.2	409.1	448.9	478.9	470.7
105°	63.2	77.7	92.2	95.8	193.3	323.1	388.1	432.8	522.2	589.2	584.8
107.5°	77.9	91.4	104.9	108.3	194.2	308.7	366.0	428.3	553.0	646.5	647.6
110°	87.9	100.0	112.2	115.3	192.7	296.0	347.6	417.3	556.7	661.2	665.8



TEST NUMBER: P933968

CATALOG NUMBER: SQ4-FA-025U-075D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	97.6	109.2	120.8	123.7	192.8	284.9	330.9	402.2	544.8	651.8	658.9
115°	112.3	123.0	133.7	136.4	194.6	272.1	310.8	379.6	517.0	620.1	629.8
117.5°	126.8	136.6	146.3	148.8	198.2	264.1	297.1	359.1	483.1	576.1	587.0
120°	135.3	144.4	153.6	155.9	201.2	261.5	291.6	348.2	461.5	546.5	556.9
122.5°	143.5	152.8	162.1	164.4	205.4	260.0	287.3	338.4	440.4	516.9	527.3
125°	156.3	164.7	173.1	175.2	211.1	258.9	282.7	326.1	412.8	477.8	487.3
127.5°	166.6	175.0	183.5	185.6	216.8	258.1	278.9	316.1	390.6	446.4	454.4
130°	172.1	181.2	190.3	192.6	220.9	258.6	277.4	310.5	376.8	426.5	433.9
132.5°	177.8	186.9	196.0	198.3	224.3	258.9	276.1	305.8	365.1	409.6	416.3
135°	186.2	194.6	202.9	205.0	228.0	258.6	273.9	298.8	348.4	385.7	391.4
137.5°	194.8	203.1	211.3	213.5	233.5	260.2	273.6	294.6	336.5	368.0	372.7
140°	202.0	209.6	217.2	219.1	236.9	260.4	272.3	290.5	326.7	353.9	358.3
142.5°	207.6	214.6	221.6	223.4	239.7	261.5	272.3	288.2	320.1	344.0	347.7
145°	216.0	222.2	228.2	229.8	243.4	261.5	270.4	283.5	309.5	329.1	331.9
147.5°	224.5	230.4	236.4	237.9	248.7	263.2	270.4	280.7	301.2	316.5	318.9
150°	230.0	235.4	240.7	242.1	251.5	264.1	270.4	279.1	296.4	309.4	311.3
152.5°	235.7	239.7	243.8	244.8	253.4	264.8	270.4	277.8	292.6	303.7	305.1
155°	244.1	247.1	250.2	250.9	257.4	266.1	270.4	276.3	288.1	296.9	297.8
157.5°	250.3	253.3	256.2	257.0	261.5	267.4	270.4	275.0	284.1	291.0	291.6
160°	254.6	256.9	259.2	259.7	263.3	268.1	270.4	274.4	282.2	288.1	288.4
162.5°	258.8	260.5	262.2	262.6	265.2	268.7	270.4	273.7	280.4	285.3	285.7
165°	263.5	265.0	266.6	267.0	268.2	269.7	270.4	272.8	277.5	281.1	281.5
167.5°	267.7	268.4	269.2	269.3	270.4	271.6	272.3	273.8	277.0	279.3	279.4
170°	270.4	271.2	271.9	272.1	272.2	272.3	272.3	273.8	277.0	279.3	279.3
172.5°	271.9	272.1	272.3	272.3	272.3	272.3	272.3	273.5	276.0	277.8	277.6
175°	273.9	273.9	273.9	273.9	273.4	272.6	272.3	273.0	274.6	275.8	275.8
177.5°	273.9	273.9	273.9	273.9	273.5	272.9	272.6	273.3	274.5	275.4	275.2
180°	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9



TEST NUMBER: P933968

CATALOG NUMBER: SQ4-FA-025U-075D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9
2.5°	1989.5	1984.0	1989.5	1985.8	1987.6	1982.1	1965.6	1960.1	1965.6	1971.1	1971.1
5°	2013.3	2009.7	2013.3	2013.3	2011.5	2007.8	1989.5	1985.8	1989.5	1991.3	1987.6
7.5°	2020.7	2015.2	2020.7	2017.0	2017.0	2013.3	1995.0	1991.3	1993.1	1998.6	1993.1
10°	2020.7	2015.2	2020.7	2018.8	2017.0	2013.3	1995.0	1987.6	1987.6	1993.1	1987.6
12.5°	2011.5	2007.8	2011.5	2007.8	2007.8	2004.2	1985.8	1978.5	1980.3	1982.1	1974.8
15°	1996.8	1991.3	1996.8	1993.1	1995.0	1989.5	1969.3	1961.9	1961.9	1965.6	1952.8
17.5°	1974.8	1967.4	1974.8	1973.0	1971.1	1967.4	1949.1	1941.8	1939.9	1941.8	1932.6
20°	1949.1	1943.6	1949.1	1947.3	1947.3	1939.9	1921.6	1912.4	1912.4	1912.4	1903.2
22.5°	1908.7	1903.2	1908.7	1912.4	1912.4	1910.5	1894.0	1881.2	1877.5	1877.5	1866.5
25°	1862.8	1857.3	1862.8	1862.8	1861.0	1862.8	1857.3	1850.0	1844.5	1839.0	1828.0
27.5°	1818.8	1815.1	1818.8	1815.1	1818.8	1813.3	1811.4	1809.6	1802.3	1796.8	1782.1
30°	1774.7	1771.1	1774.7	1771.1	1767.4	1763.7	1754.5	1750.9	1758.2	1754.5	1730.7
32.5°	1719.7	1716.0	1719.7	1719.7	1716.0	1716.0	1701.3	1695.8	1697.6	1708.7	1686.6
35°	1662.8	1657.3	1662.8	1660.9	1662.8	1657.3	1648.1	1646.3	1638.9	1651.8	1635.2
37.5°	1596.7	1591.2	1596.7	1596.7	1596.7	1600.4	1593.0	1587.5	1576.5	1593.0	1580.2
40°	1528.8	1521.4	1528.8	1527.0	1528.8	1532.5	1528.8	1525.1	1514.1	1527.0	1515.9
42.5°	1451.7	1449.9	1451.7	1453.5	1453.5	1460.9	1466.4	1459.0	1455.4	1446.2	1453.5
45°	1369.1	1365.4	1369.1	1372.8	1374.6	1378.3	1394.8	1394.8	1389.3	1374.6	1385.6
47.5°	1281.0	1271.8	1281.0	1292.0	1292.0	1297.5	1314.0	1326.9	1317.7	1299.4	1304.9
50°	1187.4	1189.2	1187.4	1194.7	1194.7	1214.9	1227.8	1240.6	1249.8	1227.8	1202.1
52.5°	1095.6	1093.9	1095.6	1101.1	1108.5	1117.7	1139.7	1152.5	1167.2	1154.4	1114.0
55°	1004.0	1007.6	1004.0	1005.8	1009.5	1015.0	1048.0	1060.9	1088.4	1071.9	1029.7
57.5°	912.2	906.7	912.2	915.9	917.7	923.2	950.7	974.6	991.1	992.9	941.6
60°	805.7	798.4	805.7	822.3	825.9	829.6	855.3	877.3	892.0	897.5	844.3
62.5°	712.1	699.3	712.1	723.1	730.5	739.7	758.0	791.1	803.9	805.7	730.5
65°	613.0	607.5	613.0	635.0	636.9	647.9	668.1	691.9	719.5	715.8	607.5
67.5°	523.1	523.1	523.1	537.8	548.8	554.3	580.0	591.0	625.9	629.5	506.6
70°	440.5	438.7	440.5	451.5	458.8	471.7	495.6	508.4	535.9	545.1	411.1
72.5°	361.6	359.7	361.6	370.7	378.1	389.1	409.3	424.0	447.8	458.8	319.4
75°	291.8	288.2	291.8	299.2	297.3	312.0	328.5	343.2	365.2	372.6	236.8
77.5°	223.9	223.9	223.9	231.3	231.3	245.9	253.3	271.6	284.5	295.5	174.4
80°	167.0	165.2	167.0	168.9	168.9	176.2	189.0	201.9	212.9	212.9	119.3
82.5°	117.5	113.8	117.5	117.5	117.5	121.1	128.5	132.1	139.5	145.0	75.3
85°	73.4	73.4	73.4	75.3	73.4	77.1	78.9	82.6	82.6	78.9	45.9
87.5°	47.7	45.9	47.7	45.9	45.9	44.0	44.0	44.0	42.2	40.4	25.7
90°	7.0	7.0	7.0	7.0	7.0	9.3	12.4	13.9	12.0	8.1	5.1
92.5°	28.0	22.4	28.0	33.6	35.0	49.6	68.9	78.6	69.1	49.9	35.5
95°	97.6	80.7	97.6	114.3	118.6	155.7	205.2	230.0	194.2	122.7	69.1
97.5°	233.6	201.6	233.6	265.8	273.7	297.2	328.5	344.1	284.5	165.3	75.9
100°	336.7	298.5	336.7	374.9	384.4	382.7	380.4	379.2	313.0	180.8	81.6
102.5°	438.0	405.3	438.0	470.7	478.9	448.9	409.1	389.2	322.1	187.9	87.3
105°	567.2	549.6	567.2	584.8	589.2	522.2	432.8	388.1	323.1	193.3	95.8
107.5°	651.8	656.1	651.8	647.6	646.5	553.0	428.3	366.0	308.7	194.2	108.3
110°	684.0	702.4	684.0	665.8	661.2	556.7	417.3	347.6	296.0	192.7	115.3



TEST NUMBER: P933968

CATALOG NUMBER: SQ4-FA-025U-075D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	687.0	715.1	687.0	658.9	651.8	544.8	402.2	330.9	284.9	192.8	123.7
115°	668.8	707.7	668.8	629.8	620.1	517.0	379.6	310.8	272.1	194.6	136.4
117.5°	630.2	673.4	630.2	587.0	576.1	483.1	359.1	297.1	264.1	198.2	148.8
120°	599.0	641.0	599.0	556.9	546.5	461.5	348.2	291.6	261.5	201.2	155.9
122.5°	568.7	610.1	568.7	527.3	516.9	440.4	338.4	287.3	260.0	205.4	164.4
125°	525.5	563.6	525.5	487.3	477.8	412.8	326.1	282.7	258.9	211.1	175.2
127.5°	486.6	518.8	486.6	454.4	446.4	390.6	316.1	278.9	258.1	216.8	185.6
130°	463.6	493.4	463.6	433.9	426.5	376.8	310.5	277.4	258.6	220.9	192.6
132.5°	442.9	469.5	442.9	416.3	409.6	365.1	305.8	276.1	258.9	224.3	198.3
135°	414.3	437.3	414.3	391.4	385.7	348.4	298.8	273.9	258.6	228.0	205.0
137.5°	391.5	410.3	391.5	372.7	368.0	336.5	294.6	273.6	260.2	233.5	213.5
140°	375.8	393.4	375.8	358.3	353.9	326.7	290.5	272.3	260.4	236.9	219.1
142.5°	362.9	377.9	362.9	347.7	344.0	320.1	288.2	272.3	261.5	239.7	223.4
145°	343.4	354.8	343.4	331.9	329.1	309.5	283.5	270.4	261.5	243.4	229.8
147.5°	328.4	337.9	328.4	318.9	316.5	301.2	280.7	270.4	263.2	248.7	237.9
150°	319.0	326.7	319.0	311.3	309.4	296.4	279.1	270.4	264.1	251.5	242.1
152.5°	310.9	316.7	310.9	305.1	303.7	292.6	277.8	270.4	264.8	253.4	244.8
155°	301.6	305.5	301.6	297.8	296.9	288.1	276.3	270.4	266.1	257.4	250.9
157.5°	294.4	297.1	294.4	291.6	291.0	284.1	275.0	270.4	267.4	261.5	257.0
160°	290.0	291.6	290.0	288.4	288.1	282.2	274.4	270.4	268.1	263.3	259.7
162.5°	287.1	288.6	287.1	285.7	285.3	280.4	273.7	270.4	268.7	265.2	262.6
165°	283.0	284.6	283.0	281.5	281.1	277.5	272.8	270.4	269.7	268.2	267.0
167.5°	280.1	280.7	280.1	279.4	279.3	277.0	273.8	272.3	271.6	270.4	269.3
170°	279.3	279.3	279.3	279.3	279.3	277.0	273.8	272.3	272.3	272.2	272.1
172.5°	277.1	276.5	277.1	277.6	277.8	276.0	273.5	272.3	272.3	272.3	272.3
175°	275.8	275.8	275.8	275.8	275.8	274.6	273.0	272.3	272.6	273.4	273.9
177.5°	274.6	273.9	274.6	275.2	275.4	274.5	273.3	272.6	272.9	273.5	273.9
180°	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9



TEST NUMBER: P933968

CATALOG NUMBER: SQ4-FA-025U-075D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9
2.5°	1967.4	1956.4	1956.4	1938.1	1930.7	1925.2	1916.1	1888.5	1881.2	1873.8	1884.9
5°	1984.0	1963.8	1949.1	1916.1	1888.5	1877.5	1842.6	1776.6	1732.5	1699.5	1681.1
7.5°	1987.6	1961.9	1934.4	1883.0	1816.9	1787.6	1681.1	1560.0	1527.0	1497.6	1479.2
10°	1984.0	1954.6	1916.1	1839.0	1683.0	1631.6	1525.1	1446.2	1426.0	1420.5	1426.0
12.5°	1971.1	1943.6	1890.4	1761.9	1543.5	1508.6	1446.2	1400.3	1396.6	1405.8	1455.4
15°	1949.1	1923.4	1861.0	1659.1	1466.4	1440.7	1396.6	1380.1	1400.3	1464.5	1613.2
17.5°	1927.1	1897.7	1820.6	1558.2	1407.7	1389.3	1358.1	1391.1	1504.9	1591.2	1640.7
20°	1897.7	1862.8	1774.7	1484.7	1365.4	1348.9	1334.2	1482.9	1569.2	1600.4	1627.9
22.5°	1862.8	1826.1	1712.3	1433.3	1321.4	1308.5	1317.7	1534.3	1569.2	1591.2	1615.1
25°	1816.9	1785.7	1638.9	1393.0	1286.5	1271.8	1306.7	1528.8	1549.0	1554.5	1602.2
27.5°	1774.7	1734.4	1561.8	1356.3	1244.3	1238.8	1315.9	1504.9	1519.6	1525.1	1576.5
30°	1723.3	1662.8	1475.6	1317.7	1200.3	1198.4	1317.7	1475.6	1471.9	1486.6	1538.0
32.5°	1670.1	1556.3	1378.3	1270.0	1158.0	1156.2	1304.9	1431.5	1427.8	1448.0	1486.6
35°	1620.6	1473.7	1246.1	1214.9	1104.8	1106.6	1273.7	1380.1	1382.0	1400.3	1424.2
37.5°	1569.2	1402.1	1101.1	1154.4	1053.5	1053.5	1231.5	1332.4	1328.7	1334.2	1367.3
40°	1508.6	1290.2	972.8	1075.5	1005.8	1000.3	1180.1	1281.0	1268.2	1266.3	1312.2
42.5°	1444.4	1167.2	877.3	970.9	950.7	943.4	1117.7	1218.6	1194.7	1200.3	1259.0
45°	1374.6	1134.2	803.9	820.4	893.8	888.3	1049.8	1147.0	1130.5	1145.2	1205.8
47.5°	1304.9	1068.2	780.0	680.9	833.3	831.4	974.6	1077.4	1068.2	1082.9	1147.0
50°	1209.4	994.8	778.2	583.7	765.4	772.7	884.7	1009.5	1009.5	1022.3	1090.2
52.5°	1086.6	904.8	706.6	528.6	686.4	708.5	805.7	950.7	954.4	967.3	1027.8
55°	974.6	811.2	655.2	486.4	592.8	640.6	728.6	890.2	897.5	910.4	965.4
57.5°	871.8	675.4	644.2	436.8	506.6	552.5	660.7	831.4	835.1	846.1	899.3
60°	761.7	488.2	591.0	383.6	431.3	466.2	598.3	761.7	774.5	781.9	827.8
62.5°	636.9	354.2	535.9	346.9	394.6	402.0	546.9	695.6	712.1	717.6	745.2
65°	453.3	297.3	455.2	315.7	356.1	357.9	491.9	627.7	642.4	651.6	671.8
67.5°	306.5	242.3	346.9	286.3	326.7	328.5	438.7	548.8	569.0	576.3	589.2
70°	212.9	161.5	257.0	255.1	293.7	297.3	381.8	477.2	495.6	501.1	508.4
72.5°	156.0	130.3	212.9	229.4	258.8	262.5	323.0	396.4	414.8	420.3	424.0
75°	119.3	137.7	172.5	200.1	220.2	222.1	264.3	323.0	335.9	339.5	341.4
77.5°	95.4	128.5	126.6	161.5	179.9	176.2	207.4	249.6	260.6	260.6	260.6
80°	71.6	100.9	95.4	115.6	132.1	128.5	148.7	178.0	181.7	185.4	183.5
82.5°	53.2	64.2	64.2	73.4	88.1	84.4	99.1	115.6	115.6	115.6	119.3
85°	33.0	36.7	29.4	38.5	49.6	47.7	55.1	62.4	64.2	64.2	60.6
87.5°	20.2	16.5	9.2	14.7	22.0	22.0	25.7	27.5	25.7	25.7	25.7
90°	4.8	3.3	1.8	3.3	4.8	5.1	8.1	12.0	13.9	12.4	9.3
92.5°	32.4	19.8	7.3	19.8	32.4	35.5	49.9	69.1	78.6	68.9	49.6
95°	63.4	40.5	17.6	40.5	63.4	69.1	122.7	194.2	230.0	205.2	155.7
97.5°	70.8	50.7	30.6	50.7	70.8	75.9	165.3	284.5	344.1	328.5	297.2
100°	77.0	58.7	40.5	58.7	77.0	81.6	180.8	313.0	379.2	380.4	382.7
102.5°	83.1	66.0	48.9	66.0	83.1	87.3	187.9	322.1	389.2	409.1	448.9
105°	92.2	77.7	63.2	77.7	92.2	95.8	193.3	323.1	388.1	432.8	522.2
107.5°	104.9	91.4	77.9	91.4	104.9	108.3	194.2	308.7	366.0	428.3	553.0
110°	112.2	100.0	87.9	100.0	112.2	115.3	192.7	296.0	347.6	417.3	556.7



TEST NUMBER: P933968

CATALOG NUMBER: SQ4-FA-025U-075D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	120.8	109.2	97.6	109.2	120.8	123.7	192.8	284.9	330.9	402.2	544.8
115°	133.7	123.0	112.3	123.0	133.7	136.4	194.6	272.1	310.8	379.6	517.0
117.5°	146.3	136.6	126.8	136.6	146.3	148.8	198.2	264.1	297.1	359.1	483.1
120°	153.6	144.4	135.3	144.4	153.6	155.9	201.2	261.5	291.6	348.2	461.5
122.5°	162.1	152.8	143.5	152.8	162.1	164.4	205.4	260.0	287.3	338.4	440.4
125°	173.1	164.7	156.3	164.7	173.1	175.2	211.1	258.9	282.7	326.1	412.8
127.5°	183.5	175.0	166.6	175.0	183.5	185.6	216.8	258.1	278.9	316.1	390.6
130°	190.3	181.2	172.1	181.2	190.3	192.6	220.9	258.6	277.4	310.5	376.8
132.5°	196.0	186.9	177.8	186.9	196.0	198.3	224.3	258.9	276.1	305.8	365.1
135°	202.9	194.6	186.2	194.6	202.9	205.0	228.0	258.6	273.9	298.8	348.4
137.5°	211.3	203.1	194.8	203.1	211.3	213.5	233.5	260.2	273.6	294.6	336.5
140°	217.2	209.6	202.0	209.6	217.2	219.1	236.9	260.4	272.3	290.5	326.7
142.5°	221.6	214.6	207.6	214.6	221.6	223.4	239.7	261.5	272.3	288.2	320.1
145°	228.2	222.2	216.0	222.2	228.2	229.8	243.4	261.5	270.4	283.5	309.5
147.5°	236.4	230.4	224.5	230.4	236.4	237.9	248.7	263.2	270.4	280.7	301.2
150°	240.7	235.4	230.0	235.4	240.7	242.1	251.5	264.1	270.4	279.1	296.4
152.5°	243.8	239.7	235.7	239.7	243.8	244.8	253.4	264.8	270.4	277.8	292.6
155°	250.2	247.1	244.1	247.1	250.2	250.9	257.4	266.1	270.4	276.3	288.1
157.5°	256.2	253.3	250.3	253.3	256.2	257.0	261.5	267.4	270.4	275.0	284.1
160°	259.2	256.9	254.6	256.9	259.2	259.7	263.3	268.1	270.4	274.4	282.2
162.5°	262.2	260.5	258.8	260.5	262.2	262.6	265.2	268.7	270.4	273.7	280.4
165°	266.6	265.0	263.5	265.0	266.6	267.0	268.2	269.7	270.4	272.8	277.5
167.5°	269.2	268.4	267.7	268.4	269.2	269.3	270.4	271.6	272.3	273.8	277.0
170°	271.9	271.2	270.4	271.2	271.9	272.1	272.2	272.3	272.3	273.8	277.0
172.5°	272.3	272.1	271.9	272.1	272.3	272.3	272.3	272.3	272.3	273.5	276.0
175°	273.9	273.9	273.9	273.9	273.9	273.9	273.4	272.6	272.3	273.0	274.6
177.5°	273.9	273.9	273.9	273.9	273.9	273.9	273.5	272.9	272.6	273.3	274.5
180°	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9



TEST NUMBER: P933968

CATALOG NUMBER: SQ4-FA-025U-075D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9
2.5°	1872.0	1866.5	1873.8	1853.7	1873.8	1866.5	1872.0	1884.9	1873.8	1881.2	1888.5
5°	1642.6	1633.4	1604.0	1580.2	1604.0	1633.4	1642.6	1681.1	1699.5	1732.5	1776.6
7.5°	1468.2	1460.9	1453.5	1438.9	1453.5	1460.9	1468.2	1479.2	1497.6	1527.0	1560.0
10°	1429.7	1431.5	1442.5	1440.7	1442.5	1431.5	1429.7	1426.0	1420.5	1426.0	1446.2
12.5°	1528.8	1545.3	1605.9	1602.2	1605.9	1545.3	1528.8	1455.4	1405.8	1396.6	1400.3
15°	1642.6	1648.1	1660.9	1662.8	1660.9	1648.1	1642.6	1613.2	1464.5	1400.3	1380.1
17.5°	1653.6	1655.4	1664.6	1664.6	1664.6	1655.4	1653.6	1640.7	1591.2	1504.9	1391.1
20°	1644.4	1648.1	1666.4	1670.1	1666.4	1648.1	1644.4	1627.9	1600.4	1569.2	1482.9
22.5°	1640.7	1648.1	1662.8	1660.9	1662.8	1648.1	1640.7	1615.1	1591.2	1569.2	1534.3
25°	1622.4	1622.4	1624.2	1626.1	1624.2	1622.4	1622.4	1602.2	1554.5	1549.0	1528.8
27.5°	1583.8	1587.5	1598.5	1596.7	1598.5	1587.5	1583.8	1576.5	1525.1	1519.6	1504.9
30°	1549.0	1545.3	1536.1	1528.8	1536.1	1545.3	1549.0	1538.0	1486.6	1471.9	1475.6
32.5°	1490.2	1481.1	1471.9	1466.4	1471.9	1481.1	1490.2	1486.6	1448.0	1427.8	1431.5
35°	1420.5	1422.3	1420.5	1415.0	1420.5	1422.3	1420.5	1424.2	1400.3	1382.0	1380.1
37.5°	1370.9	1374.6	1372.8	1365.4	1372.8	1374.6	1370.9	1367.3	1334.2	1328.7	1332.4
40°	1319.6	1321.4	1319.6	1314.0	1319.6	1321.4	1319.6	1312.2	1266.3	1268.2	1281.0
42.5°	1270.0	1268.2	1262.7	1259.0	1262.7	1268.2	1270.0	1259.0	1200.3	1194.7	1218.6
45°	1213.1	1214.9	1203.9	1198.4	1203.9	1214.9	1213.1	1205.8	1145.2	1130.5	1147.0
47.5°	1156.2	1156.2	1147.0	1141.5	1147.0	1156.2	1156.2	1147.0	1082.9	1068.2	1077.4
50°	1095.6	1093.9	1081.0	1079.2	1081.0	1093.9	1095.6	1090.2	1022.3	1009.5	1009.5
52.5°	1026.0	1026.0	1027.8	1031.5	1027.8	1026.0	1026.0	1027.8	967.3	954.4	950.7
55°	965.4	967.3	980.1	983.8	980.1	967.3	965.4	965.4	910.4	897.5	890.2
57.5°	903.0	903.0	912.2	912.2	912.2	903.0	903.0	899.3	846.1	835.1	831.4
60°	831.4	835.1	842.4	840.6	842.4	835.1	831.4	827.8	781.9	774.5	761.7
62.5°	756.2	759.9	761.7	758.0	761.7	759.9	756.2	745.2	717.6	712.1	695.6
65°	677.3	680.9	682.8	679.1	682.8	680.9	677.3	671.8	651.6	642.4	627.7
67.5°	596.5	594.7	592.8	600.2	592.8	594.7	596.5	589.2	576.3	569.0	548.8
70°	513.9	513.9	512.1	515.7	512.1	513.9	513.9	508.4	501.1	495.6	477.2
72.5°	425.8	424.0	431.3	425.8	431.3	424.0	425.8	424.0	420.3	414.8	396.4
75°	339.5	343.2	339.5	345.1	339.5	343.2	339.5	341.4	339.5	335.9	323.0
77.5°	258.8	262.5	258.8	258.8	258.8	262.5	258.8	260.6	260.6	260.6	249.6
80°	183.5	181.7	181.7	179.9	181.7	181.7	183.5	183.5	185.4	181.7	178.0
82.5°	117.5	115.6	115.6	119.3	115.6	115.6	117.5	119.3	115.6	115.6	115.6
85°	64.2	66.1	62.4	62.4	62.4	66.1	64.2	60.6	64.2	64.2	62.4
87.5°	23.9	22.0	22.0	22.0	22.0	22.0	23.9	25.7	25.7	25.7	27.5
90°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	9.3	12.4	13.9	12.0
92.5°	35.0	33.6	28.0	22.4	28.0	33.6	35.0	49.6	68.9	78.6	69.1
95°	118.6	114.3	97.6	80.7	97.6	114.3	118.6	155.7	205.2	230.0	194.2
97.5°	273.7	265.8	233.6	201.6	233.6	265.8	273.7	297.2	328.5	344.1	284.5
100°	384.4	374.9	336.7	298.5	336.7	374.9	384.4	382.7	380.4	379.2	313.0
102.5°	478.9	470.7	438.0	405.3	438.0	470.7	478.9	448.9	409.1	389.2	322.1
105°	589.2	584.8	567.2	549.6	567.2	584.8	589.2	522.2	432.8	388.1	323.1
107.5°	646.5	647.6	651.8	656.1	651.8	647.6	646.5	553.0	428.3	366.0	308.7
110°	661.2	665.8	684.0	702.4	684.0	665.8	661.2	556.7	417.3	347.6	296.0



TEST NUMBER: P933968

CATALOG NUMBER: SQ4-FA-025U-075D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	651.8	658.9	687.0	715.1	687.0	658.9	651.8	544.8	402.2	330.9	284.9
115°	620.1	629.8	668.8	707.7	668.8	629.8	620.1	517.0	379.6	310.8	272.1
117.5°	576.1	587.0	630.2	673.4	630.2	587.0	576.1	483.1	359.1	297.1	264.1
120°	546.5	556.9	599.0	641.0	599.0	556.9	546.5	461.5	348.2	291.6	261.5
122.5°	516.9	527.3	568.7	610.1	568.7	527.3	516.9	440.4	338.4	287.3	260.0
125°	477.8	487.3	525.5	563.6	525.5	487.3	477.8	412.8	326.1	282.7	258.9
127.5°	446.4	454.4	486.6	518.8	486.6	454.4	446.4	390.6	316.1	278.9	258.1
130°	426.5	433.9	463.6	493.4	463.6	433.9	426.5	376.8	310.5	277.4	258.6
132.5°	409.6	416.3	442.9	469.5	442.9	416.3	409.6	365.1	305.8	276.1	258.9
135°	385.7	391.4	414.3	437.3	414.3	391.4	385.7	348.4	298.8	273.9	258.6
137.5°	368.0	372.7	391.5	410.3	391.5	372.7	368.0	336.5	294.6	273.6	260.2
140°	353.9	358.3	375.8	393.4	375.8	358.3	353.9	326.7	290.5	272.3	260.4
142.5°	344.0	347.7	362.9	377.9	362.9	347.7	344.0	320.1	288.2	272.3	261.5
145°	329.1	331.9	343.4	354.8	343.4	331.9	329.1	309.5	283.5	270.4	261.5
147.5°	316.5	318.9	328.4	337.9	328.4	318.9	316.5	301.2	280.7	270.4	263.2
150°	309.4	311.3	319.0	326.7	319.0	311.3	309.4	296.4	279.1	270.4	264.1
152.5°	303.7	305.1	310.9	316.7	310.9	305.1	303.7	292.6	277.8	270.4	264.8
155°	296.9	297.8	301.6	305.5	301.6	297.8	296.9	288.1	276.3	270.4	266.1
157.5°	291.0	291.6	294.4	297.1	294.4	291.6	291.0	284.1	275.0	270.4	267.4
160°	288.1	288.4	290.0	291.6	290.0	288.4	288.1	282.2	274.4	270.4	268.1
162.5°	285.3	285.7	287.1	288.6	287.1	285.7	285.3	280.4	273.7	270.4	268.7
165°	281.1	281.5	283.0	284.6	283.0	281.5	281.1	277.5	272.8	270.4	269.7
167.5°	279.3	279.4	280.1	280.7	280.1	279.4	279.3	277.0	273.8	272.3	271.6
170°	279.3	279.3	279.3	279.3	279.3	279.3	279.3	277.0	273.8	272.3	272.3
172.5°	277.8	277.6	277.1	276.5	277.1	277.6	277.8	276.0	273.5	272.3	272.3
175°	275.8	275.8	275.8	275.8	275.8	275.8	275.8	274.6	273.0	272.3	272.6
177.5°	275.4	275.2	274.6	273.9	274.6	275.2	275.4	274.5	273.3	272.6	272.9
180°	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9



TEST NUMBER: P933968

CATALOG NUMBER: SQ4-FA-025U-075D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1939.9	1939.9	1939.9	1939.9	1939.9
2.5°	1916.1	1925.2	1930.7	1938.1	1956.4
5°	1842.6	1877.5	1888.5	1916.1	1949.1
7.5°	1681.1	1787.6	1816.9	1883.0	1934.4
10°	1525.1	1631.6	1683.0	1839.0	1916.1
12.5°	1446.2	1508.6	1543.5	1761.9	1890.4
15°	1396.6	1440.7	1466.4	1659.1	1861.0
17.5°	1358.1	1389.3	1407.7	1558.2	1820.6
20°	1334.2	1348.9	1365.4	1484.7	1774.7
22.5°	1317.7	1308.5	1321.4	1433.3	1712.3
25°	1306.7	1271.8	1286.5	1393.0	1638.9
27.5°	1315.9	1238.8	1244.3	1356.3	1561.8
30°	1317.7	1198.4	1200.3	1317.7	1475.6
32.5°	1304.9	1156.2	1158.0	1270.0	1378.3
35°	1273.7	1106.6	1104.8	1214.9	1246.1
37.5°	1231.5	1053.5	1053.5	1154.4	1101.1
40°	1180.1	1000.3	1005.8	1075.5	972.8
42.5°	1117.7	943.4	950.7	970.9	877.3
45°	1049.8	888.3	893.8	820.4	803.9
47.5°	974.6	831.4	833.3	680.9	780.0
50°	884.7	772.7	765.4	583.7	778.2
52.5°	805.7	708.5	686.4	528.6	706.6
55°	728.6	640.6	592.8	486.4	655.2
57.5°	660.7	552.5	506.6	436.8	644.2
60°	598.3	466.2	431.3	383.6	591.0
62.5°	546.9	402.0	394.6	346.9	535.9
65°	491.9	357.9	356.1	315.7	455.2
67.5°	438.7	328.5	326.7	286.3	346.9
70°	381.8	297.3	293.7	255.1	257.0
72.5°	323.0	262.5	258.8	229.4	212.9
75°	264.3	222.1	220.2	200.1	172.5
77.5°	207.4	176.2	179.9	161.5	126.6
80°	148.7	128.5	132.1	115.6	95.4
82.5°	99.1	84.4	88.1	73.4	64.2
85°	55.1	47.7	49.6	38.5	29.4
87.5°	25.7	22.0	22.0	14.7	9.2
90°	8.1	5.1	4.8	3.3	1.8
92.5°	49.9	35.5	32.4	19.8	7.3
95°	122.7	69.1	63.4	40.5	17.6
97.5°	165.3	75.9	70.8	50.7	30.6
100°	180.8	81.6	77.0	58.7	40.5
102.5°	187.9	87.3	83.1	66.0	48.9
105°	193.3	95.8	92.2	77.7	63.2
107.5°	194.2	108.3	104.9	91.4	77.9
110°	192.7	115.3	112.2	100.0	87.9



TEST NUMBER: P933968

CATALOG NUMBER: SQ4-FA-025U-075D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	192.8	123.7	120.8	109.2	97.6
115°	194.6	136.4	133.7	123.0	112.3
117.5°	198.2	148.8	146.3	136.6	126.8
120°	201.2	155.9	153.6	144.4	135.3
122.5°	205.4	164.4	162.1	152.8	143.5
125°	211.1	175.2	173.1	164.7	156.3
127.5°	216.8	185.6	183.5	175.0	166.6
130°	220.9	192.6	190.3	181.2	172.1
132.5°	224.3	198.3	196.0	186.9	177.8
135°	228.0	205.0	202.9	194.6	186.2
137.5°	233.5	213.5	211.3	203.1	194.8
140°	236.9	219.1	217.2	209.6	202.0
142.5°	239.7	223.4	221.6	214.6	207.6
145°	243.4	229.8	228.2	222.2	216.0
147.5°	248.7	237.9	236.4	230.4	224.5
150°	251.5	242.1	240.7	235.4	230.0
152.5°	253.4	244.8	243.8	239.7	235.7
155°	257.4	250.9	250.2	247.1	244.1
157.5°	261.5	257.0	256.2	253.3	250.3
160°	263.3	259.7	259.2	256.9	254.6
162.5°	265.2	262.6	262.2	260.5	258.8
165°	268.2	267.0	266.6	265.0	263.5
167.5°	270.4	269.3	269.2	268.4	267.7
170°	272.2	272.1	271.9	271.2	270.4
172.5°	272.3	272.3	272.3	272.1	271.9
175°	273.4	273.9	273.9	273.9	273.9
177.5°	273.5	273.9	273.9	273.9	273.9
180°	273.9	273.9	273.9	273.9	273.9



TEST NUMBER: P933968

CATALOG NUMBER: SQ4-FA-025U-075D-93050-1D-UNV-STD-W-8-5000K

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	14.41	15.53	15.13	16.28	17.16	17.24	18.37	17.97	19.11	20.00
	3H	14.90	15.92	15.64	16.67	17.58	18.61	19.62	19.35	20.38	21.29
	4H	15.11	16.06	15.86	16.82	17.75	19.07	20.02	19.82	20.79	21.71
	6H	15.24	16.12	16.01	16.89	17.83	19.37	20.25	20.14	21.02	21.96
	8H	15.25	16.09	16.02	16.88	17.82	19.45	20.29	20.23	21.08	22.03
	12H	15.23	16.03	16.01	16.81	17.78	19.50	20.30	20.28	21.09	22.06
4H	2H	15.47	16.43	16.23	17.19	18.12	17.69	18.64	18.44	19.40	20.33
	3H	16.52	17.32	17.29	18.12	19.06	19.22	20.01	19.99	20.81	21.75
	4H	16.81	17.53	17.60	18.33	19.30	19.76	20.48	20.54	21.28	22.25
	6H	16.95	17.58	17.75	18.40	19.38	20.14	20.77	20.94	21.59	22.57
	8H	16.96	17.55	17.77	18.37	19.36	20.25	20.84	21.06	21.66	22.65
	12H	16.94	17.47	17.77	18.31	19.31	20.33	20.85	21.15	21.69	22.69
8H	4H	17.29	17.87	18.09	18.69	19.68	19.90	20.49	20.71	21.31	22.30
	6H	17.56	18.04	18.39	18.90	19.90	20.35	20.84	21.19	21.70	22.69
	8H	17.61	18.04	18.45	18.89	19.90	20.51	20.94	21.36	21.80	22.80
	12H	17.60	17.98	18.45	18.83	19.89	20.62	21.00	21.47	21.85	22.91
12H	4H	17.31	17.83	18.13	18.67	19.67	19.88	20.41	20.71	21.25	22.24
	6H	17.62	18.05	18.47	18.91	19.92	20.35	20.78	21.20	21.64	22.65
	8H	17.70	18.08	18.55	18.93	19.99	20.53	20.91	21.38	21.75	22.82