

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: P933944

Luminaire Tested: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-3000K

Issue Date: 12/17/2024

**Test Information**

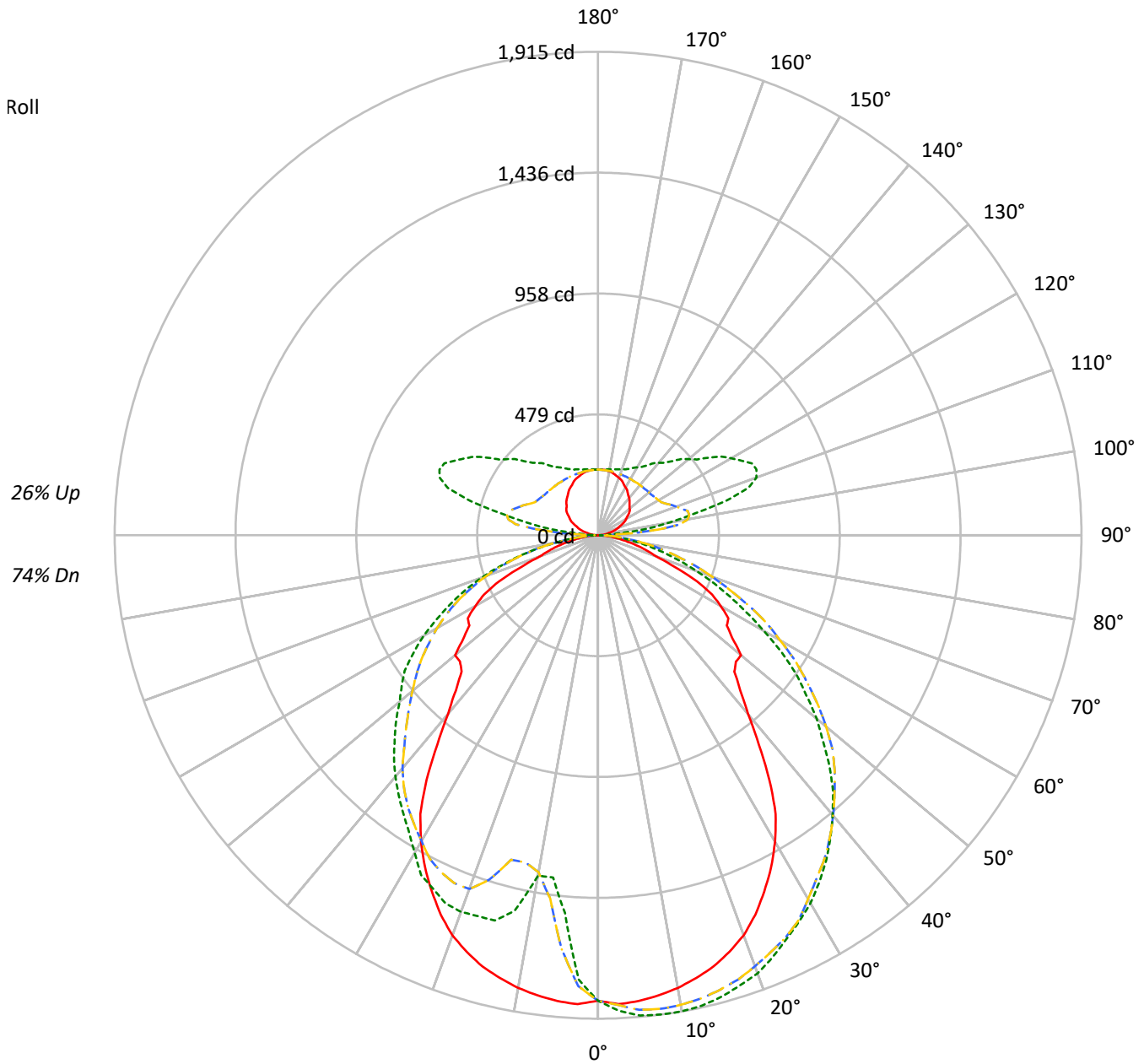
Test Method: LM-79-2019  
Report Number: P933944  
REPORT IS A COMBINATION OF REPORTS P933680 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-3000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6467.9 lumens  
Efficiency: N/A  
Efficacy: 107.8 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: P933944  
CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-3000K

### Luminous Intensity Polar Plot



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



TEST NUMBER: P933944

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-3000K

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	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°	8553	8553	8553	8553
5°	8616	8634	8616	6789
10°	8559	8504	8559	6080
15°	8466	8320	8466	6947
20°	8289	8102	8289	6962
25°	7927	7783	7927	6815
30°	7458	7519	7458	6490
35°	6648	7185	6648	6135
40°	5541	6791	5541	5866
45°	4950	6331	4950	5556
50°	5259	5781	5259	5246
55°	4948	5190	4948	5066
60°	5101	4408	5101	4641
65°	4624	3643	4624	4073
70°	3203	2903	3203	3414
75°	2807	2146	2807	2570
80°	2263	1419	2263	1545
85°	1300	752	1300	639

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 7587 cd/sqm



TEST NUMBER: P933944

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-3000K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	166.4	2.6
10°-20°	472.4	7.3
20°-30°	730.3	11.3
30°-40°	871.8	13.5
40°-50°	877.0	13.6
50°-60°	763.1	11.8
60°-70°	541.0	8.4
70°-80°	286.2	4.4
80°-90°	72.3	1.1
90°-100°	126.9	2.0
100°-110°	333.6	5.2
110°-120°	345.9	5.3
120°-130°	277.4	4.3
130°-140°	217.7	3.4
140°-150°	167.1	2.6
150°-160°	120.3	1.9
160°-170°	73.6	1.1
170°-180°	24.9	0.4
0°-30°	1369.2	21.2
0°-40°	2241.0	34.6
0°-60°	3881.0	60.0
0°-90°	4780.6	73.9
90°-120°	806.3	12.5
90°-150°	1468.5	22.7
90°-180°	1687.0	26.1
0°-180°	6467.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1843	1843	1843	1843	1843	
5°	1852	1910	1852	1502	1852	176
15°	1768	1892	1768	1580	1768	498
25°	1557	1765	1557	1545	1557	715
35°	1184	1575	1184	1345	1184	733
45°	764	1298	764	1139	764	612
55°	623	958	623	935	623	572
65°	432	577	432	645	432	413
75°	164	274	164	328	164	172
85°	28	70	28	59	28	38
90°	2	7	2	7	2	3
95°	17	77	17	77	17	19
105°	60	522	60	522	60	64
115°	107	672	107	672	107	105
125°	148	536	148	536	148	132
135°	177	416	177	416	177	137
145°	205	337	205	337	205	129
155°	232	290	232	290	232	107
165°	250	270	250	270	250	71
175°	260	262	260	262	260	25
180°	260	260	260	260	260	



TEST NUMBER: P933944

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4
2.5°	1859.1	1859.1	1869.6	1873.0	1873.0	1867.8	1862.6	1867.8	1883.5	1888.7	1887.0
5°	1852.1	1866.1	1885.3	1888.7	1892.2	1890.5	1887.0	1890.5	1907.9	1911.4	1913.2
7.5°	1838.2	1864.3	1888.7	1894.0	1899.2	1894.0	1892.2	1895.7	1913.2	1916.6	1916.6
10°	1820.7	1857.3	1885.3	1888.7	1894.0	1888.7	1888.7	1895.7	1913.2	1916.6	1918.4
12.5°	1796.3	1846.9	1873.0	1876.5	1883.5	1881.8	1880.0	1887.0	1904.4	1907.9	1907.9
15°	1768.4	1827.7	1852.1	1855.6	1867.8	1864.3	1864.3	1871.3	1890.5	1895.7	1894.0
17.5°	1730.0	1803.3	1831.2	1836.4	1845.1	1843.4	1845.1	1852.1	1869.6	1873.0	1874.8
20°	1686.4	1770.1	1803.3	1808.5	1817.2	1817.2	1817.2	1826.0	1843.4	1850.4	1850.4
22.5°	1627.1	1735.3	1770.1	1773.6	1784.1	1784.1	1787.6	1799.8	1815.5	1817.2	1817.2
25°	1557.4	1696.9	1726.5	1737.0	1747.5	1752.7	1757.9	1764.9	1770.1	1768.4	1770.1
27.5°	1484.1	1648.1	1686.4	1693.4	1707.4	1712.6	1719.6	1721.3	1723.1	1728.3	1724.8
30°	1402.1	1580.0	1637.6	1644.6	1667.2	1670.7	1663.8	1667.2	1676.0	1679.5	1682.9
32.5°	1309.7	1478.9	1587.0	1602.7	1623.6	1613.2	1611.4	1616.7	1630.6	1630.6	1634.1
35°	1184.1	1400.4	1539.9	1553.9	1569.6	1557.4	1564.3	1566.1	1574.8	1580.0	1578.3
37.5°	1046.4	1332.4	1491.1	1501.6	1513.8	1498.1	1508.5	1513.8	1520.7	1517.3	1517.3
40°	924.4	1226.0	1433.5	1440.5	1451.0	1438.8	1449.2	1452.7	1456.2	1452.7	1451.0
42.5°	833.7	1109.1	1372.5	1381.2	1374.2	1383.0	1386.4	1393.4	1388.2	1381.2	1381.2
45°	763.9	1077.7	1306.2	1316.7	1306.2	1320.2	1325.4	1325.4	1309.7	1306.2	1304.5
47.5°	741.2	1015.0	1239.9	1239.9	1234.7	1252.2	1260.9	1248.7	1233.0	1227.7	1227.7
50°	739.5	945.3	1149.3	1142.3	1166.7	1187.6	1178.9	1166.7	1154.5	1135.3	1135.3
52.5°	671.5	859.8	1032.5	1058.6	1096.9	1109.1	1095.2	1083.0	1062.1	1053.3	1046.4
55°	622.6	770.9	926.1	978.4	1018.5	1034.2	1008.1	995.9	964.5	959.2	955.7
57.5°	612.2	641.8	828.4	894.7	943.5	941.8	926.1	903.4	877.3	872.0	870.3
60°	561.6	463.9	723.8	802.3	852.8	847.6	833.7	812.7	788.3	784.8	781.3
62.5°	509.3	336.6	605.2	694.1	765.6	763.9	751.7	720.3	702.9	694.1	687.2
65°	432.5	282.5	430.8	577.3	680.2	683.7	657.5	634.8	615.7	605.2	603.4
67.5°	329.6	230.2	291.3	481.4	598.2	594.7	561.6	551.1	526.7	521.5	511.0
70°	244.2	153.5	202.3	390.7	518.0	509.3	483.1	470.9	448.2	436.0	429.0
72.5°	202.3	123.8	148.2	303.5	436.0	425.6	402.9	388.9	369.7	359.3	352.3
75°	163.9	130.8	113.4	225.0	354.0	347.1	326.1	312.2	296.5	282.5	284.3
77.5°	120.3	122.1	90.7	165.7	280.8	270.3	258.1	240.7	233.7	219.8	219.8
80°	90.7	95.9	68.0	113.4	202.3	202.3	191.8	179.6	167.4	160.5	160.5
82.5°	61.0	61.0	50.6	71.5	137.8	132.5	125.6	122.1	115.1	111.6	111.6
85°	27.9	34.9	31.4	43.6	75.0	78.5	78.5	75.0	73.3	69.8	71.5
87.5°	8.7	15.7	19.2	24.4	38.4	40.1	41.9	41.9	41.9	43.6	43.6
90°	1.7	3.1	4.5	4.9	7.7	11.4	13.3	11.8	8.8	6.6	6.6
92.5°	7.0	18.8	30.8	33.7	47.4	65.7	74.7	65.5	47.1	33.2	31.9
95°	16.7	38.5	60.3	65.7	116.6	184.5	218.5	195.0	148.0	112.7	108.7
97.5°	29.0	48.2	67.3	72.1	157.1	270.3	327.0	312.2	282.5	260.1	252.5
100°	38.5	55.8	73.2	77.5	171.8	297.5	360.3	361.5	363.6	365.3	356.2
102.5°	46.5	62.7	78.9	82.9	178.6	306.1	369.8	388.8	426.6	455.0	447.3
105°	60.1	73.9	87.6	91.0	183.7	307.0	368.8	411.3	496.2	559.8	555.7
107.5°	74.0	86.9	99.7	102.9	184.5	293.4	347.8	407.0	525.5	614.3	615.4
110°	83.5	95.1	106.6	109.5	183.1	281.2	330.3	396.5	529.0	628.3	632.7



TEST NUMBER: P933944

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	92.8	103.8	114.8	117.6	183.2	270.7	314.5	382.2	517.7	619.4	626.1
115°	106.7	116.9	127.1	129.6	184.9	258.6	295.4	360.7	491.3	589.2	598.5
117.5°	120.5	129.8	139.0	141.4	188.4	251.0	282.3	341.2	459.0	547.5	557.8
120°	128.5	137.3	146.0	148.2	191.1	248.4	277.0	330.8	438.5	519.3	529.2
122.5°	136.4	145.2	154.0	156.2	195.2	247.0	273.0	321.5	418.5	491.2	501.1
125°	148.5	156.5	164.5	166.5	200.6	246.0	268.7	309.8	392.2	454.0	463.1
127.5°	158.3	166.3	174.4	176.4	206.0	245.3	265.0	300.4	371.1	424.2	431.8
130°	163.5	172.2	180.9	183.0	209.9	245.7	263.6	295.1	358.1	405.2	412.3
132.5°	168.9	177.6	186.3	188.4	213.1	246.0	262.4	290.6	346.9	389.2	395.6
135°	176.9	184.9	192.8	194.8	216.6	245.7	260.3	283.9	331.1	366.5	371.9
137.5°	185.1	193.0	200.8	202.8	221.8	247.2	260.0	279.9	319.8	349.7	354.1
140°	191.9	199.2	206.4	208.2	225.1	247.5	258.7	276.0	310.4	336.3	340.4
142.5°	197.3	203.9	210.6	212.3	227.8	248.4	258.7	273.9	304.2	326.8	330.4
145°	205.3	211.1	216.9	218.4	231.3	248.4	257.0	269.4	294.1	312.7	315.4
147.5°	213.3	219.0	224.6	226.0	236.3	250.1	257.0	266.8	286.2	300.8	303.0
150°	218.5	223.7	228.7	230.0	239.0	251.0	257.0	265.2	281.7	294.0	295.8
152.5°	223.9	227.8	231.7	232.7	240.8	251.6	257.0	264.0	278.0	288.6	290.0
155°	232.0	234.8	237.7	238.4	244.6	252.9	257.0	262.6	273.7	282.1	283.0
157.5°	237.9	240.7	243.5	244.2	248.4	254.1	257.0	261.3	270.0	276.5	277.1
160°	241.9	244.1	246.3	246.8	250.2	254.7	257.0	260.7	268.2	273.7	274.1
162.5°	245.9	247.6	249.1	249.6	252.0	255.3	257.0	260.1	266.4	271.1	271.5
165°	250.4	251.8	253.3	253.7	254.8	256.3	257.0	259.3	263.7	267.1	267.5
167.5°	254.4	255.1	255.8	255.9	256.9	258.1	258.7	260.2	263.2	265.4	265.5
170°	257.0	257.7	258.4	258.6	258.6	258.7	258.7	260.2	263.2	265.4	265.4
172.5°	258.4	258.6	258.7	258.7	258.7	258.7	258.7	259.9	262.2	264.0	263.8
175°	260.3	260.3	260.3	260.3	259.8	259.1	258.7	259.4	260.9	262.0	262.0
177.5°	260.3	260.3	260.3	260.3	259.9	259.3	259.1	259.7	260.8	261.7	261.5
180°	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3



TEST NUMBER: P933944

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4
2.5°	1890.5	1885.3	1890.5	1887.0	1888.7	1883.5	1867.8	1862.6	1867.8	1873.0	1873.0
5°	1913.2	1909.7	1913.2	1913.2	1911.4	1907.9	1890.5	1887.0	1890.5	1892.2	1888.7
7.5°	1920.1	1914.9	1920.1	1916.6	1916.6	1913.2	1895.7	1892.2	1894.0	1899.2	1894.0
10°	1920.1	1914.9	1920.1	1918.4	1916.6	1913.2	1895.7	1888.7	1888.7	1894.0	1888.7
12.5°	1911.4	1907.9	1911.4	1907.9	1907.9	1904.4	1887.0	1880.0	1881.8	1883.5	1876.5
15°	1897.5	1892.2	1897.5	1894.0	1895.7	1890.5	1871.3	1864.3	1864.3	1867.8	1855.6
17.5°	1876.5	1869.6	1876.5	1874.8	1873.0	1869.6	1852.1	1845.1	1843.4	1845.1	1836.4
20°	1852.1	1846.9	1852.1	1850.4	1850.4	1843.4	1826.0	1817.2	1817.2	1817.2	1808.5
22.5°	1813.7	1808.5	1813.7	1817.2	1817.2	1815.5	1799.8	1787.6	1784.1	1784.1	1773.6
25°	1770.1	1764.9	1770.1	1770.1	1768.4	1770.1	1764.9	1757.9	1752.7	1747.5	1737.0
27.5°	1728.3	1724.8	1728.3	1724.8	1728.3	1723.1	1721.3	1719.6	1712.6	1707.4	1693.4
30°	1686.4	1682.9	1686.4	1682.9	1679.5	1676.0	1667.2	1663.8	1670.7	1667.2	1644.6
32.5°	1634.1	1630.6	1634.1	1634.1	1630.6	1630.6	1616.7	1611.4	1613.2	1623.6	1602.7
35°	1580.0	1574.8	1580.0	1578.3	1580.0	1574.8	1566.1	1564.3	1557.4	1569.6	1553.9
37.5°	1517.3	1512.0	1517.3	1517.3	1517.3	1520.7	1513.8	1508.5	1498.1	1513.8	1501.6
40°	1452.7	1445.7	1452.7	1451.0	1452.7	1456.2	1452.7	1449.2	1438.8	1451.0	1440.5
42.5°	1379.5	1377.7	1379.5	1381.2	1381.2	1388.2	1393.4	1386.4	1383.0	1374.2	1381.2
45°	1301.0	1297.5	1301.0	1304.5	1306.2	1309.7	1325.4	1325.4	1320.2	1306.2	1316.7
47.5°	1217.3	1208.6	1217.3	1227.7	1227.7	1233.0	1248.7	1260.9	1252.2	1234.7	1239.9
50°	1128.3	1130.1	1128.3	1135.3	1135.3	1154.5	1166.7	1178.9	1187.6	1166.7	1142.3
52.5°	1041.1	1039.5	1041.1	1046.4	1053.3	1062.1	1083.0	1095.2	1109.1	1096.9	1058.6
55°	954.0	957.5	954.0	955.7	959.2	964.5	995.9	1008.1	1034.2	1018.5	978.4
57.5°	866.8	861.6	866.8	870.3	872.0	877.3	903.4	926.1	941.8	943.5	894.7
60°	765.6	758.7	765.6	781.3	784.8	788.3	812.7	833.7	847.6	852.8	802.3
62.5°	676.7	664.5	676.7	687.2	694.1	702.9	720.3	751.7	763.9	765.6	694.1
65°	582.5	577.3	582.5	603.4	605.2	615.7	634.8	657.5	683.7	680.2	577.3
67.5°	497.1	497.1	497.1	511.0	521.5	526.7	551.1	561.6	594.7	598.2	481.4
70°	418.6	416.8	418.6	429.0	436.0	448.2	470.9	483.1	509.3	518.0	390.7
72.5°	343.6	341.8	343.6	352.3	359.3	369.7	388.9	402.9	425.6	436.0	303.5
75°	277.3	273.8	277.3	284.3	282.5	296.5	312.2	326.1	347.1	354.0	225.0
77.5°	212.8	212.8	212.8	219.8	219.8	233.7	240.7	258.1	270.3	280.8	165.7
80°	158.7	157.0	158.7	160.5	160.5	167.4	179.6	191.8	202.3	202.3	113.4
82.5°	111.6	108.1	111.6	111.6	111.6	115.1	122.1	125.6	132.5	137.8	71.5
85°	69.8	69.8	69.8	71.5	69.8	73.3	75.0	78.5	78.5	75.0	43.6
87.5°	45.3	43.6	45.3	43.6	43.6	41.9	41.9	41.9	40.1	38.4	24.4
90°	6.6	6.6	6.6	6.6	6.6	8.8	11.8	13.3	11.4	7.7	4.9
92.5°	26.6	21.3	26.6	31.9	33.2	47.1	65.5	74.7	65.7	47.4	33.7
95°	92.7	76.7	92.7	108.7	112.7	148.0	195.0	218.5	184.5	116.6	65.7
97.5°	222.0	191.6	222.0	252.5	260.1	282.5	312.2	327.0	270.3	157.1	72.1
100°	319.9	283.7	319.9	356.2	365.3	363.6	361.5	360.3	297.5	171.8	77.5
102.5°	416.2	385.2	416.2	447.3	455.0	426.6	388.8	369.8	306.1	178.6	82.9
105°	539.0	522.3	539.0	555.7	559.8	496.2	411.3	368.8	307.0	183.7	91.0
107.5°	619.4	623.4	619.4	615.4	614.3	525.5	407.0	347.8	293.4	184.5	102.9
110°	650.0	667.5	650.0	632.7	628.3	529.0	396.5	330.3	281.2	183.1	109.5





TEST NUMBER: P933944

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	652.8	679.5	652.8	626.1	619.4	517.7	382.2	314.5	270.7	183.2	117.6
115°	635.5	672.5	635.5	598.5	589.2	491.3	360.7	295.4	258.6	184.9	129.6
117.5°	598.8	639.9	598.8	557.8	547.5	459.0	341.2	282.3	251.0	188.4	141.4
120°	569.2	609.1	569.2	529.2	519.3	438.5	330.8	277.0	248.4	191.1	148.2
122.5°	540.4	579.7	540.4	501.1	491.2	418.5	321.5	273.0	247.0	195.2	156.2
125°	499.3	535.6	499.3	463.1	454.0	392.2	309.8	268.7	246.0	200.6	166.5
127.5°	462.4	493.0	462.4	431.8	424.2	371.1	300.4	265.0	245.3	206.0	176.4
130°	440.6	468.8	440.6	412.3	405.2	358.1	295.1	263.6	245.7	209.9	183.0
132.5°	420.8	446.1	420.8	395.6	389.2	346.9	290.6	262.4	246.0	213.1	188.4
135°	393.7	415.5	393.7	371.9	366.5	331.1	283.9	260.3	245.7	216.6	194.8
137.5°	372.0	389.9	372.0	354.1	349.7	319.8	279.9	260.0	247.2	221.8	202.8
140°	357.1	373.8	357.1	340.4	336.3	310.4	276.0	258.7	247.5	225.1	208.2
142.5°	344.8	359.1	344.8	330.4	326.8	304.2	273.9	258.7	248.4	227.8	212.3
145°	326.3	337.1	326.3	315.4	312.7	294.1	269.4	257.0	248.4	231.3	218.4
147.5°	312.0	321.1	312.0	303.0	300.8	286.2	266.8	257.0	250.1	236.3	226.0
150°	303.1	310.4	303.1	295.8	294.0	281.7	265.2	257.0	251.0	239.0	230.0
152.5°	295.4	300.9	295.4	290.0	288.6	278.0	264.0	257.0	251.6	240.8	232.7
155°	286.6	290.3	286.6	283.0	282.1	273.7	262.6	257.0	252.9	244.6	238.4
157.5°	279.7	282.3	279.7	277.1	276.5	270.0	261.3	257.0	254.1	248.4	244.2
160°	275.6	277.0	275.6	274.1	273.7	268.2	260.7	257.0	254.7	250.2	246.8
162.5°	272.9	274.3	272.9	271.5	271.1	266.4	260.1	257.0	255.3	252.0	249.6
165°	268.9	270.4	268.9	267.5	267.1	263.7	259.3	257.0	256.3	254.8	253.7
167.5°	266.1	266.8	266.1	265.5	265.4	263.2	260.2	258.7	258.1	256.9	255.9
170°	265.4	265.4	265.4	265.4	265.4	263.2	260.2	258.7	258.7	258.6	258.6
172.5°	263.3	262.7	263.3	263.8	264.0	262.2	259.9	258.7	258.7	258.7	258.7
175°	262.0	262.0	262.0	262.0	262.0	260.9	259.4	258.7	259.1	259.8	260.3
177.5°	260.9	260.3	260.9	261.5	261.7	260.8	259.7	259.1	259.3	259.9	260.3
180°	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3



TEST NUMBER: P933944

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4
2.5°	1869.6	1859.1	1859.1	1841.6	1834.7	1829.4	1820.7	1794.6	1787.6	1780.6	1791.1
5°	1885.3	1866.1	1852.1	1820.7	1794.6	1784.1	1751.0	1688.2	1646.3	1614.9	1597.5
7.5°	1888.7	1864.3	1838.2	1789.3	1726.5	1698.6	1597.5	1482.4	1451.0	1423.1	1405.6
10°	1885.3	1857.3	1820.7	1747.5	1599.2	1550.4	1449.2	1374.2	1355.1	1349.8	1355.1
12.5°	1873.0	1846.9	1796.3	1674.2	1466.7	1433.5	1374.2	1330.6	1327.1	1335.9	1383.0
15°	1852.1	1827.7	1768.4	1576.6	1393.4	1369.0	1327.1	1311.5	1330.6	1391.7	1532.9
17.5°	1831.2	1803.3	1730.0	1480.6	1337.6	1320.2	1290.5	1321.9	1430.0	1512.0	1559.1
20°	1803.3	1770.1	1686.4	1410.9	1297.5	1281.8	1267.9	1409.1	1491.1	1520.7	1546.9
22.5°	1770.1	1735.3	1627.1	1362.0	1255.6	1243.4	1252.2	1458.0	1491.1	1512.0	1534.7
25°	1726.5	1696.9	1557.4	1323.7	1222.5	1208.6	1241.7	1452.7	1471.9	1477.1	1522.5
27.5°	1686.4	1648.1	1484.1	1288.8	1182.4	1177.2	1250.4	1430.0	1444.0	1449.2	1498.1
30°	1637.6	1580.0	1402.1	1252.2	1140.5	1138.8	1252.2	1402.1	1398.7	1412.6	1461.4
32.5°	1587.0	1478.9	1309.7	1206.8	1100.4	1098.7	1239.9	1360.3	1356.8	1376.0	1412.6
35°	1539.9	1400.4	1184.1	1154.5	1049.8	1051.6	1210.3	1311.5	1313.2	1330.6	1353.3
37.5°	1491.1	1332.4	1046.4	1096.9	1001.1	1001.1	1170.2	1266.1	1262.6	1267.9	1299.2
40°	1433.5	1226.0	924.4	1022.0	955.7	950.5	1121.3	1217.3	1205.1	1203.3	1246.9
42.5°	1372.5	1109.1	833.7	922.6	903.4	896.5	1062.1	1158.0	1135.3	1140.5	1196.3
45°	1306.2	1077.7	763.9	779.6	849.4	844.1	997.6	1090.0	1074.3	1088.2	1145.8
47.5°	1239.9	1015.0	741.2	647.0	791.8	790.1	926.1	1023.8	1015.0	1029.0	1090.0
50°	1149.3	945.3	739.5	554.6	727.3	734.3	840.6	959.2	959.2	971.4	1036.0
52.5°	1032.5	859.8	671.5	502.3	652.3	673.2	765.6	903.4	906.9	919.1	976.7
55°	926.1	770.9	622.6	462.2	563.3	608.7	692.4	845.9	852.8	865.1	917.4
57.5°	828.4	641.8	612.2	415.1	481.4	525.0	627.9	790.1	793.6	804.0	854.6
60°	723.8	463.9	561.6	364.5	409.9	443.0	568.6	723.8	736.0	743.0	786.6
62.5°	605.2	336.6	509.3	329.6	375.0	382.0	519.7	661.0	676.7	681.9	708.1
65°	430.8	282.5	432.5	300.0	338.3	340.1	467.4	596.5	610.4	619.1	638.3
67.5°	291.3	230.2	329.6	272.1	310.4	312.2	416.8	521.5	540.7	547.6	559.8
70°	202.3	153.5	244.2	242.4	279.1	282.5	362.8	453.5	470.9	476.1	483.1
72.5°	148.2	123.8	202.3	218.0	245.9	249.4	307.0	376.7	394.2	399.4	402.9
75°	113.4	130.8	163.9	190.1	209.3	211.0	251.1	307.0	319.2	322.7	324.4
77.5°	90.7	122.1	120.3	153.5	170.9	167.4	197.1	237.2	247.7	247.7	247.7
80°	68.0	95.9	90.7	109.9	125.6	122.1	141.3	169.2	172.7	176.2	174.4
82.5°	50.6	61.0	61.0	69.8	83.7	80.2	94.2	109.9	109.9	109.9	113.4
85°	31.4	34.9	27.9	36.6	47.1	45.3	52.3	59.3	61.0	61.0	57.6
87.5°	19.2	15.7	8.7	14.0	20.9	20.9	24.4	26.2	24.4	24.4	24.4
90°	4.5	3.1	1.7	3.1	4.5	4.9	7.7	11.4	13.3	11.8	8.8
92.5°	30.8	18.8	7.0	18.8	30.8	33.7	47.4	65.7	74.7	65.5	47.1
95°	60.3	38.5	16.7	38.5	60.3	65.7	116.6	184.5	218.5	195.0	148.0
97.5°	67.3	48.2	29.0	48.2	67.3	72.1	157.1	270.3	327.0	312.2	282.5
100°	73.2	55.8	38.5	55.8	73.2	77.5	171.8	297.5	360.3	361.5	363.6
102.5°	78.9	62.7	46.5	62.7	78.9	82.9	178.6	306.1	369.8	388.8	426.6
105°	87.6	73.9	60.1	73.9	87.6	91.0	183.7	307.0	368.8	411.3	496.2
107.5°	99.7	86.9	74.0	86.9	99.7	102.9	184.5	293.4	347.8	407.0	525.5
110°	106.6	95.1	83.5	95.1	106.6	109.5	183.1	281.2	330.3	396.5	529.0



TEST NUMBER: P933944

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	114.8	103.8	92.8	103.8	114.8	117.6	183.2	270.7	314.5	382.2	517.7
115°	127.1	116.9	106.7	116.9	127.1	129.6	184.9	258.6	295.4	360.7	491.3
117.5°	139.0	129.8	120.5	129.8	139.0	141.4	188.4	251.0	282.3	341.2	459.0
120°	146.0	137.3	128.5	137.3	146.0	148.2	191.1	248.4	277.0	330.8	438.5
122.5°	154.0	145.2	136.4	145.2	154.0	156.2	195.2	247.0	273.0	321.5	418.5
125°	164.5	156.5	148.5	156.5	164.5	166.5	200.6	246.0	268.7	309.8	392.2
127.5°	174.4	166.3	158.3	166.3	174.4	176.4	206.0	245.3	265.0	300.4	371.1
130°	180.9	172.2	163.5	172.2	180.9	183.0	209.9	245.7	263.6	295.1	358.1
132.5°	186.3	177.6	168.9	177.6	186.3	188.4	213.1	246.0	262.4	290.6	346.9
135°	192.8	184.9	176.9	184.9	192.8	194.8	216.6	245.7	260.3	283.9	331.1
137.5°	200.8	193.0	185.1	193.0	200.8	202.8	221.8	247.2	260.0	279.9	319.8
140°	206.4	199.2	191.9	199.2	206.4	208.2	225.1	247.5	258.7	276.0	310.4
142.5°	210.6	203.9	197.3	203.9	210.6	212.3	227.8	248.4	258.7	273.9	304.2
145°	216.9	211.1	205.3	211.1	216.9	218.4	231.3	248.4	257.0	269.4	294.1
147.5°	224.6	219.0	213.3	219.0	224.6	226.0	236.3	250.1	257.0	266.8	286.2
150°	228.7	223.7	218.5	223.7	228.7	230.0	239.0	251.0	257.0	265.2	281.7
152.5°	231.7	227.8	223.9	227.8	231.7	232.7	240.8	251.6	257.0	264.0	278.0
155°	237.7	234.8	232.0	234.8	237.7	238.4	244.6	252.9	257.0	262.6	273.7
157.5°	243.5	240.7	237.9	240.7	243.5	244.2	248.4	254.1	257.0	261.3	270.0
160°	246.3	244.1	241.9	244.1	246.3	246.8	250.2	254.7	257.0	260.7	268.2
162.5°	249.1	247.6	245.9	247.6	249.1	249.6	252.0	255.3	257.0	260.1	266.4
165°	253.3	251.8	250.4	251.8	253.3	253.7	254.8	256.3	257.0	259.3	263.7
167.5°	255.8	255.1	254.4	255.1	255.8	255.9	256.9	258.1	258.7	260.2	263.2
170°	258.4	257.7	257.0	257.7	258.4	258.6	258.6	258.7	258.7	260.2	263.2
172.5°	258.7	258.6	258.4	258.6	258.7	258.7	258.7	258.7	258.7	259.9	262.2
175°	260.3	260.3	260.3	260.3	260.3	260.3	259.8	259.1	258.7	259.4	260.9
177.5°	260.3	260.3	260.3	260.3	260.3	260.3	259.9	259.3	259.1	259.7	260.8
180°	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3



TEST NUMBER: P933944

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4	1843.4
2.5°	1778.9	1773.6	1780.6	1761.4	1780.6	1773.6	1778.9	1791.1	1780.6	1787.6	1794.6
5°	1560.9	1552.1	1524.2	1501.6	1524.2	1552.1	1560.9	1597.5	1614.9	1646.3	1688.2
7.5°	1395.2	1388.2	1381.2	1367.3	1381.2	1388.2	1395.2	1405.6	1423.1	1451.0	1482.4
10°	1358.5	1360.3	1370.8	1369.0	1370.8	1360.3	1358.5	1355.1	1349.8	1355.1	1374.2
12.5°	1452.7	1468.4	1526.0	1522.5	1526.0	1468.4	1452.7	1383.0	1335.9	1327.1	1330.6
15°	1560.9	1566.1	1578.3	1580.0	1578.3	1566.1	1560.9	1532.9	1391.7	1330.6	1311.5
17.5°	1571.3	1573.1	1581.8	1581.8	1581.8	1573.1	1571.3	1559.1	1512.0	1430.0	1321.9
20°	1562.6	1566.1	1583.5	1587.0	1583.5	1566.1	1562.6	1546.9	1520.7	1491.1	1409.1
22.5°	1559.1	1566.1	1580.0	1578.3	1580.0	1566.1	1559.1	1534.7	1512.0	1491.1	1458.0
25°	1541.7	1541.7	1543.4	1545.2	1543.4	1541.7	1541.7	1522.5	1477.1	1471.9	1452.7
27.5°	1505.0	1508.5	1519.0	1517.3	1519.0	1508.5	1505.0	1498.1	1449.2	1444.0	1430.0
30°	1471.9	1468.4	1459.7	1452.7	1459.7	1468.4	1471.9	1461.4	1412.6	1398.7	1402.1
32.5°	1416.1	1407.4	1398.7	1393.4	1398.7	1407.4	1416.1	1412.6	1376.0	1356.8	1360.3
35°	1349.8	1351.6	1349.8	1344.6	1349.8	1351.6	1349.8	1353.3	1330.6	1313.2	1311.5
37.5°	1302.7	1306.2	1304.5	1297.5	1304.5	1306.2	1302.7	1299.2	1267.9	1262.6	1266.1
40°	1253.9	1255.6	1253.9	1248.7	1253.9	1255.6	1253.9	1246.9	1203.3	1205.1	1217.3
42.5°	1206.8	1205.1	1199.8	1196.3	1199.8	1205.1	1206.8	1196.3	1140.5	1135.3	1158.0
45°	1152.7	1154.5	1144.0	1138.8	1144.0	1154.5	1152.7	1145.8	1088.2	1074.3	1090.0
47.5°	1098.7	1098.7	1090.0	1084.7	1090.0	1098.7	1098.7	1090.0	1029.0	1015.0	1023.8
50°	1041.1	1039.5	1027.3	1025.5	1027.3	1039.5	1041.1	1036.0	971.4	959.2	959.2
52.5°	974.9	974.9	976.7	980.2	976.7	974.9	974.9	976.7	919.1	906.9	903.4
55°	917.4	919.1	931.3	934.8	931.3	919.1	917.4	917.4	865.1	852.8	845.9
57.5°	858.1	858.1	866.8	866.8	866.8	858.1	858.1	854.6	804.0	793.6	790.1
60°	790.1	793.6	800.5	798.8	800.5	793.6	790.1	786.6	743.0	736.0	723.8
62.5°	718.6	722.0	723.8	720.3	723.8	722.0	718.6	708.1	681.9	676.7	661.0
65°	643.6	647.0	648.8	645.3	648.8	647.0	643.6	638.3	619.1	610.4	596.5
67.5°	566.8	565.1	563.3	570.3	563.3	565.1	566.8	559.8	547.6	540.7	521.5
70°	488.3	488.3	486.6	490.1	486.6	488.3	488.3	483.1	476.1	470.9	453.5
72.5°	404.6	402.9	409.9	404.6	409.9	402.9	404.6	402.9	399.4	394.2	376.7
75°	322.7	326.1	322.7	327.9	322.7	326.1	322.7	324.4	322.7	319.2	307.0
77.5°	245.9	249.4	245.9	245.9	245.9	249.4	245.9	247.7	247.7	247.7	237.2
80°	174.4	172.7	172.7	170.9	172.7	172.7	174.4	174.4	176.2	172.7	169.2
82.5°	111.6	109.9	109.9	113.4	109.9	109.9	111.6	113.4	109.9	109.9	109.9
85°	61.0	62.8	59.3	59.3	59.3	62.8	61.0	57.6	61.0	61.0	59.3
87.5°	22.7	20.9	20.9	20.9	20.9	20.9	22.7	24.4	24.4	24.4	26.2
90°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	8.8	11.8	13.3	11.4
92.5°	33.2	31.9	26.6	21.3	26.6	31.9	33.2	47.1	65.5	74.7	65.7
95°	112.7	108.7	92.7	76.7	92.7	108.7	112.7	148.0	195.0	218.5	184.5
97.5°	260.1	252.5	222.0	191.6	222.0	252.5	260.1	282.5	312.2	327.0	270.3
100°	365.3	356.2	319.9	283.7	319.9	356.2	365.3	363.6	361.5	360.3	297.5
102.5°	455.0	447.3	416.2	385.2	416.2	447.3	455.0	426.6	388.8	369.8	306.1
105°	559.8	555.7	539.0	522.3	539.0	555.7	559.8	496.2	411.3	368.8	307.0
107.5°	614.3	615.4	619.4	623.4	619.4	615.4	614.3	525.5	407.0	347.8	293.4
110°	628.3	632.7	650.0	667.5	650.0	632.7	628.3	529.0	396.5	330.3	281.2



TEST NUMBER: P933944

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	619.4	626.1	652.8	679.5	652.8	626.1	619.4	517.7	382.2	314.5	270.7
115°	589.2	598.5	635.5	672.5	635.5	598.5	589.2	491.3	360.7	295.4	258.6
117.5°	547.5	557.8	598.8	639.9	598.8	557.8	547.5	459.0	341.2	282.3	251.0
120°	519.3	529.2	569.2	609.1	569.2	529.2	519.3	438.5	330.8	277.0	248.4
122.5°	491.2	501.1	540.4	579.7	540.4	501.1	491.2	418.5	321.5	273.0	247.0
125°	454.0	463.1	499.3	535.6	499.3	463.1	454.0	392.2	309.8	268.7	246.0
127.5°	424.2	431.8	462.4	493.0	462.4	431.8	424.2	371.1	300.4	265.0	245.3
130°	405.2	412.3	440.6	468.8	440.6	412.3	405.2	358.1	295.1	263.6	245.7
132.5°	389.2	395.6	420.8	446.1	420.8	395.6	389.2	346.9	290.6	262.4	246.0
135°	366.5	371.9	393.7	415.5	393.7	371.9	366.5	331.1	283.9	260.3	245.7
137.5°	349.7	354.1	372.0	389.9	372.0	354.1	349.7	319.8	279.9	260.0	247.2
140°	336.3	340.4	357.1	373.8	357.1	340.4	336.3	310.4	276.0	258.7	247.5
142.5°	326.8	330.4	344.8	359.1	344.8	330.4	326.8	304.2	273.9	258.7	248.4
145°	312.7	315.4	326.3	337.1	326.3	315.4	312.7	294.1	269.4	257.0	248.4
147.5°	300.8	303.0	312.0	321.1	312.0	303.0	300.8	286.2	266.8	257.0	250.1
150°	294.0	295.8	303.1	310.4	303.1	295.8	294.0	281.7	265.2	257.0	251.0
152.5°	288.6	290.0	295.4	300.9	295.4	290.0	288.6	278.0	264.0	257.0	251.6
155°	282.1	283.0	286.6	290.3	286.6	283.0	282.1	273.7	262.6	257.0	252.9
157.5°	276.5	277.1	279.7	282.3	279.7	277.1	276.5	270.0	261.3	257.0	254.1
160°	273.7	274.1	275.6	277.0	275.6	274.1	273.7	268.2	260.7	257.0	254.7
162.5°	271.1	271.5	272.9	274.3	272.9	271.5	271.1	266.4	260.1	257.0	255.3
165°	267.1	267.5	268.9	270.4	268.9	267.5	267.1	263.7	259.3	257.0	256.3
167.5°	265.4	265.5	266.1	266.8	266.1	265.5	265.4	263.2	260.2	258.7	258.1
170°	265.4	265.4	265.4	265.4	265.4	265.4	265.4	263.2	260.2	258.7	258.7
172.5°	264.0	263.8	263.3	262.7	263.3	263.8	264.0	262.2	259.9	258.7	258.7
175°	262.0	262.0	262.0	262.0	262.0	262.0	262.0	260.9	259.4	258.7	259.1
177.5°	261.7	261.5	260.9	260.3	260.9	261.5	261.7	260.8	259.7	259.1	259.3
180°	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3



TEST NUMBER: P933944

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1843.4	1843.4	1843.4	1843.4	1843.4
2.5°	1820.7	1829.4	1834.7	1841.6	1859.1
5°	1751.0	1784.1	1794.6	1820.7	1852.1
7.5°	1597.5	1698.6	1726.5	1789.3	1838.2
10°	1449.2	1550.4	1599.2	1747.5	1820.7
12.5°	1374.2	1433.5	1466.7	1674.2	1796.3
15°	1327.1	1369.0	1393.4	1576.6	1768.4
17.5°	1290.5	1320.2	1337.6	1480.6	1730.0
20°	1267.9	1281.8	1297.5	1410.9	1686.4
22.5°	1252.2	1243.4	1255.6	1362.0	1627.1
25°	1241.7	1208.6	1222.5	1323.7	1557.4
27.5°	1250.4	1177.2	1182.4	1288.8	1484.1
30°	1252.2	1138.8	1140.5	1252.2	1402.1
32.5°	1239.9	1098.7	1100.4	1206.8	1309.7
35°	1210.3	1051.6	1049.8	1154.5	1184.1
37.5°	1170.2	1001.1	1001.1	1096.9	1046.4
40°	1121.3	950.5	955.7	1022.0	924.4
42.5°	1062.1	896.5	903.4	922.6	833.7
45°	997.6	844.1	849.4	779.6	763.9
47.5°	926.1	790.1	791.8	647.0	741.2
50°	840.6	734.3	727.3	554.6	739.5
52.5°	765.6	673.2	652.3	502.3	671.5
55°	692.4	608.7	563.3	462.2	622.6
57.5°	627.9	525.0	481.4	415.1	612.2
60°	568.6	443.0	409.9	364.5	561.6
62.5°	519.7	382.0	375.0	329.6	509.3
65°	467.4	340.1	338.3	300.0	432.5
67.5°	416.8	312.2	310.4	272.1	329.6
70°	362.8	282.5	279.1	242.4	244.2
72.5°	307.0	249.4	245.9	218.0	202.3
75°	251.1	211.0	209.3	190.1	163.9
77.5°	197.1	167.4	170.9	153.5	120.3
80°	141.3	122.1	125.6	109.9	90.7
82.5°	94.2	80.2	83.7	69.8	61.0
85°	52.3	45.3	47.1	36.6	27.9
87.5°	24.4	20.9	20.9	14.0	8.7
90°	7.7	4.9	4.5	3.1	1.7
92.5°	47.4	33.7	30.8	18.8	7.0
95°	116.6	65.7	60.3	38.5	16.7
97.5°	157.1	72.1	67.3	48.2	29.0
100°	171.8	77.5	73.2	55.8	38.5
102.5°	178.6	82.9	78.9	62.7	46.5
105°	183.7	91.0	87.6	73.9	60.1
107.5°	184.5	102.9	99.7	86.9	74.0
110°	183.1	109.5	106.6	95.1	83.5



TEST NUMBER: P933944

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	183.2	117.6	114.8	103.8	92.8
115°	184.9	129.6	127.1	116.9	106.7
117.5°	188.4	141.4	139.0	129.8	120.5
120°	191.1	148.2	146.0	137.3	128.5
122.5°	195.2	156.2	154.0	145.2	136.4
125°	200.6	166.5	164.5	156.5	148.5
127.5°	206.0	176.4	174.4	166.3	158.3
130°	209.9	183.0	180.9	172.2	163.5
132.5°	213.1	188.4	186.3	177.6	168.9
135°	216.6	194.8	192.8	184.9	176.9
137.5°	221.8	202.8	200.8	193.0	185.1
140°	225.1	208.2	206.4	199.2	191.9
142.5°	227.8	212.3	210.6	203.9	197.3
145°	231.3	218.4	216.9	211.1	205.3
147.5°	236.3	226.0	224.6	219.0	213.3
150°	239.0	230.0	228.7	223.7	218.5
152.5°	240.8	232.7	231.7	227.8	223.9
155°	244.6	238.4	237.7	234.8	232.0
157.5°	248.4	244.2	243.5	240.7	237.9
160°	250.2	246.8	246.3	244.1	241.9
162.5°	252.0	249.6	249.1	247.6	245.9
165°	254.8	253.7	253.3	251.8	250.4
167.5°	256.9	255.9	255.8	255.1	254.4
170°	258.6	258.6	258.4	257.7	257.0
172.5°	258.7	258.7	258.7	258.6	258.4
175°	259.8	260.3	260.3	260.3	260.3
177.5°	259.9	260.3	260.3	260.3	260.3
180°	260.3	260.3	260.3	260.3	260.3



TEST NUMBER: P933944

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-3000K

**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	14.23	15.36	14.95	16.10	16.98	17.07	18.19	17.79	18.94	19.82
	3H	14.73	15.74	15.46	16.49	17.40	18.44	19.45	19.17	20.20	21.11
	4H	14.93	15.88	15.68	16.64	17.57	18.89	19.85	19.65	20.61	21.54
	6H	15.06	15.94	15.83	16.71	17.65	19.19	20.07	19.96	20.84	21.79
	8H	15.07	15.91	15.85	16.70	17.64	19.28	20.12	20.05	20.91	21.85
	12H	15.05	15.85	15.83	16.63	17.60	19.33	20.13	20.11	20.91	21.88
4H	2H	15.30	16.25	16.05	17.01	17.94	17.51	18.46	18.26	19.22	20.15
	3H	16.35	17.14	17.12	17.94	18.88	19.04	19.84	19.81	20.63	21.58
	4H	16.63	17.36	17.42	18.15	19.13	19.58	20.30	20.37	21.10	22.07
	6H	16.77	17.40	17.58	18.22	19.20	19.96	20.59	20.77	21.41	22.39
	8H	16.79	17.37	17.59	18.19	19.18	20.08	20.66	20.88	21.48	22.47
	12H	16.77	17.29	17.59	18.13	19.13	20.15	20.67	20.97	21.51	22.51
8H	4H	17.11	17.70	17.92	18.51	19.50	19.73	20.31	20.53	21.13	22.12
	6H	17.38	17.87	18.22	18.73	19.72	20.18	20.66	21.01	21.52	22.51
	8H	17.43	17.86	18.27	18.71	19.72	20.33	20.76	21.18	21.62	22.63
	12H	17.42	17.80	18.27	18.65	19.72	20.44	20.82	21.29	21.67	22.74
12H	4H	17.13	17.66	17.96	18.49	19.49	19.70	20.23	20.53	21.07	22.07
	6H	17.45	17.88	18.29	18.73	19.74	20.18	20.61	21.02	21.46	22.47
	8H	17.53	17.90	18.37	18.75	19.82	20.35	20.73	21.20	21.58	22.64