

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: P934089

Luminaire Tested: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-6-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934089
REPORT IS A COMBINATION OF REPORTS P933683 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-6-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

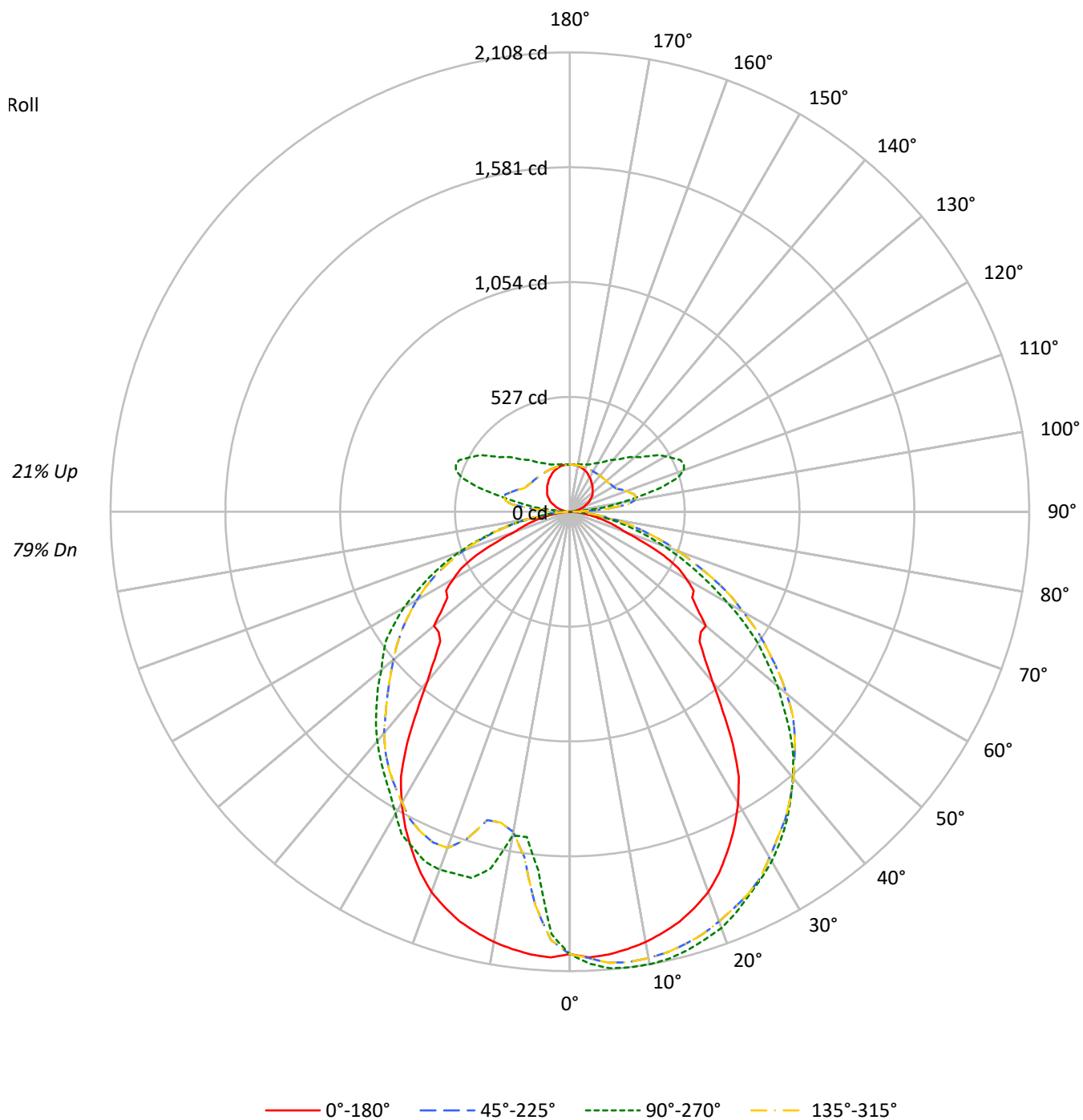
Lumens per Lamp: N/A
Luminaire Lumens: 6669.6 lumens
Efficiency: N/A
Efficacy: 114.6 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 58.2
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: P934089

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-6-3500K

Luminous Intensity Polar Plot



TEST NUMBER: P934089

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-6-3500K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	114	114	114	114	109	109	109	109	99	99	99	91	91	91	83	83	83
1	104	100	96	92	100	96	92	89	88	85	82	80	78	76	73	72	70
2	95	87	81	76	91	84	78	73	77	72	68	70	67	64	65	62	59
3	87	77	69	63	83	74	67	61	68	62	57	62	58	54	57	54	50
4	79	68	60	53	76	65	58	52	60	54	49	56	50	46	51	47	43
5	73	61	52	46	70	58	51	45	54	47	42	50	44	40	46	41	38
6	67	55	46	40	64	53	45	39	49	42	37	45	39	35	42	37	33
7	62	50	41	35	59	48	40	34	44	38	33	41	35	31	38	33	30
8	58	45	37	31	55	44	36	31	40	34	29	38	32	28	35	30	26
9	54	41	33	28	52	40	33	27	37	31	26	35	29	25	32	27	24
10	51	38	30	25	48	37	30	25	34	28	24	32	27	23	30	25	22

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12556	12556	12556	12556
5°	12645	12674	12645	9966
10°	12556	12485	12556	8926
15°	12415	12214	12415	10199
20°	12151	11894	12151	10221
25°	11614	11427	11614	10005
30°	10923	11039	10923	9528
35°	9733	10548	9733	9006
40°	8105	9970	8105	8611
45°	7238	9294	7238	8157
50°	7683	8487	7683	7701
55°	7222	7618	7222	7438
60°	7435	6470	7435	6813
65°	6731	5349	6731	5979
70°	4649	4262	4649	5011
75°	4062	3151	4062	3773
80°	3248	2084	3248	2268
85°	1830	1103	1830	938

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 11100 cd/sqm

TEST NUMBER: P934089

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-6-3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.2	2.7
10°-20°	520.2	7.8
20°-30°	804.1	12.1
30°-40°	960.0	14.4
40°-50°	965.6	14.5
50°-60°	840.2	12.6
60°-70°	595.7	8.9
70°-80°	315.2	4.7
80°-90°	79.3	1.2
90°-100°	105.7	1.6
100°-110°	278.0	4.2
110°-120°	288.2	4.3
120°-130°	231.2	3.5
130°-140°	181.4	2.7
140°-150°	139.2	2.1
150°-160°	100.3	1.5
160°-170°	61.4	0.9
170°-180°	20.7	0.3
0°-30°	1507.5	22.6
0°-40°	2467.5	37.0
0°-60°	4273.3	64.1
0°-90°	5263.5	78.9
90°-120°	671.9	10.1
90°-150°	1223.8	18.3
90°-180°	1406.0	21.1
0°-180°	6669.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2030	2030	2030	2030	2030	
5°	2039	2103	2039	1653	2039	193
15°	1947	2083	1947	1740	1947	548
25°	1715	1943	1715	1701	1715	787
35°	1304	1734	1304	1480	1304	807
45°	841	1429	841	1254	841	674
55°	686	1054	686	1029	686	630
65°	476	636	476	710	476	455
75°	180	302	180	361	180	190
85°	31	77	31	65	31	41
90°	2	6	2	6	2	3
95°	14	64	14	64	14	16
105°	50	435	50	435	50	53
115°	89	560	89	560	89	88
125°	124	446	124	446	124	110
135°	148	346	148	346	148	114
145°	171	281	171	281	171	107
155°	193	242	193	242	193	89
165°	209	225	209	225	209	59
175°	217	218	217	218	217	21
180°	217	217	217	217	217	

TEST NUMBER: P934089

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-6-3500K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7
2.5°	2047.0	2047.0	2058.5	2062.3	2062.3	2056.6	2050.8	2056.6	2073.9	2079.7	2077.7
5°	2039.3	2054.7	2075.8	2079.7	2083.4	2081.5	2077.7	2081.5	2100.7	2104.6	2106.5
7.5°	2024.0	2052.7	2079.7	2085.4	2091.1	2085.4	2083.4	2087.3	2106.5	2110.4	2110.4
10°	2004.8	2045.1	2075.8	2079.7	2085.4	2079.7	2079.7	2087.3	2106.5	2110.4	2112.2
12.5°	1977.8	2033.5	2062.3	2066.2	2073.9	2071.9	2070.0	2077.7	2096.9	2100.7	2100.7
15°	1947.1	2012.4	2039.3	2043.1	2056.6	2052.7	2052.7	2060.4	2081.5	2087.3	2085.4
17.5°	1904.9	1985.5	2016.3	2022.0	2031.6	2029.7	2031.6	2039.3	2058.5	2062.3	2064.3
20°	1856.9	1949.0	1985.5	1991.3	2000.9	2000.9	2000.9	2010.5	2029.7	2037.4	2037.4
22.5°	1791.6	1910.7	1949.0	1952.9	1964.5	1964.5	1968.2	1981.7	1999.0	2000.9	2000.9
25°	1714.7	1868.4	1901.1	1912.5	1924.0	1929.9	1935.6	1943.3	1949.0	1947.1	1949.0
27.5°	1634.1	1814.6	1856.9	1864.5	1880.0	1885.7	1893.3	1895.3	1897.2	1902.9	1899.1
30°	1543.9	1739.7	1803.1	1810.8	1835.8	1839.5	1831.9	1835.8	1845.4	1849.2	1853.0
32.5°	1442.1	1628.4	1747.4	1764.7	1787.7	1776.2	1774.3	1780.1	1795.5	1795.5	1799.2
35°	1303.9	1542.0	1695.6	1711.0	1728.2	1714.7	1722.5	1724.3	1733.9	1739.7	1737.8
37.5°	1152.1	1467.1	1641.8	1653.3	1666.8	1649.5	1661.0	1666.8	1674.4	1670.7	1670.7
40°	1017.7	1349.9	1578.4	1586.2	1597.7	1584.2	1595.7	1599.5	1603.4	1599.5	1597.7
42.5°	917.8	1221.2	1511.3	1520.8	1513.2	1522.8	1526.6	1534.3	1528.5	1520.8	1520.8
45°	841.1	1186.7	1438.3	1449.8	1438.3	1453.6	1459.4	1459.4	1442.1	1438.3	1436.3
47.5°	816.1	1117.5	1365.3	1365.3	1359.5	1378.7	1388.3	1374.9	1357.6	1351.9	1351.9
50°	814.2	1040.8	1265.4	1257.8	1284.6	1307.7	1298.1	1284.6	1271.2	1250.1	1250.1
52.5°	739.3	946.7	1136.7	1165.6	1207.9	1221.2	1205.9	1192.5	1169.4	1159.8	1152.1
55°	685.6	848.7	1019.7	1077.2	1121.4	1138.7	1109.9	1096.4	1061.9	1056.1	1052.3
57.5°	674.0	706.7	912.1	985.1	1038.9	1036.9	1019.7	994.7	965.9	960.1	958.2
60°	618.3	510.8	796.9	883.3	939.0	933.2	917.8	894.9	867.9	864.2	860.3
62.5°	560.7	370.6	666.3	764.3	843.0	841.1	827.6	793.0	773.8	764.3	756.6
65°	476.3	311.0	474.3	635.6	748.9	752.7	723.9	698.9	677.8	666.3	664.4
67.5°	362.9	253.5	320.6	529.9	658.6	654.9	618.3	606.8	579.9	574.1	562.6
70°	268.8	169.0	222.8	430.1	570.4	560.7	531.9	518.5	493.5	480.0	472.4
72.5°	222.8	136.3	163.2	334.1	480.0	468.5	443.6	428.2	407.1	395.5	387.9
75°	180.5	144.0	124.8	247.7	389.8	382.2	359.1	343.7	326.5	311.0	313.0
77.5°	132.5	134.4	99.8	182.5	309.1	297.7	284.2	265.0	257.3	242.0	242.0
80°	99.8	105.6	74.9	124.8	222.8	222.8	211.2	197.8	184.3	176.6	176.6
82.5°	67.2	67.2	55.7	78.7	151.7	145.9	138.3	134.4	126.7	122.9	122.9
85°	30.7	38.4	34.6	48.0	82.6	86.4	86.4	82.6	80.6	76.8	78.7
87.5°	9.6	17.2	21.1	26.8	42.2	44.2	46.1	46.1	46.1	48.0	48.0
90°	1.5	2.6	3.8	4.1	6.4	9.5	11.0	9.8	7.4	5.5	5.5
92.5°	5.8	15.7	25.6	28.1	39.5	54.7	62.3	54.6	39.1	27.6	26.6
95°	14.0	32.1	50.2	54.7	97.2	153.8	182.1	162.5	123.3	93.9	90.6
97.5°	24.1	40.1	56.1	60.1	130.9	225.3	272.5	260.1	235.4	216.8	210.5
100°	32.1	46.5	61.0	64.6	143.2	248.0	300.3	301.2	303.0	304.4	296.8
102.5°	38.8	52.3	65.8	69.2	148.8	255.0	308.1	323.9	355.5	379.3	372.8
105°	50.1	61.5	73.0	75.9	153.0	255.8	307.3	342.6	413.5	466.6	463.1
107.5°	61.7	72.4	83.0	85.8	153.8	244.5	289.8	339.2	438.0	512.0	512.9
110°	69.6	79.3	88.9	91.3	152.6	234.4	275.3	330.5	440.9	523.6	527.2

TEST NUMBER: P934089

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-6-3500K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	77.3	86.5	95.6	98.0	152.6	225.6	262.0	318.5	431.5	516.2	521.7
115°	89.0	97.5	105.9	108.0	154.1	215.4	246.1	300.6	409.4	491.0	498.7
117.5°	100.5	108.1	115.8	117.7	156.9	209.1	235.3	284.4	382.6	456.2	464.7
120°	107.2	114.4	121.6	123.5	159.3	207.1	230.9	275.8	365.5	432.9	441.2
122.5°	113.7	121.0	128.3	130.1	162.6	205.9	227.5	267.9	348.7	409.4	417.6
125°	123.7	130.4	137.1	138.8	167.2	205.0	223.9	258.2	326.9	378.4	386.0
127.5°	131.9	138.6	145.4	147.0	171.6	204.5	220.8	250.3	309.3	353.5	359.9
130°	136.2	143.5	150.7	152.5	174.9	204.7	219.7	245.9	298.4	337.7	343.6
132.5°	140.8	148.1	155.2	157.1	177.6	205.0	218.7	242.2	289.1	324.3	329.6
135°	147.5	154.1	160.7	162.3	180.5	204.8	217.0	236.6	276.0	305.4	310.0
137.5°	154.4	160.9	167.3	169.0	184.9	206.1	216.7	233.3	266.6	291.5	295.2
140°	160.0	166.0	172.0	173.5	187.6	206.3	215.6	229.9	258.7	280.2	283.7
142.5°	164.3	169.9	175.5	176.8	189.7	207.0	215.6	228.2	253.5	272.4	275.4
145°	171.0	175.9	180.7	182.0	192.7	207.0	214.1	224.4	245.1	260.6	262.8
147.5°	177.7	182.5	187.2	188.4	197.0	208.4	214.1	222.3	238.5	250.7	252.5
150°	182.1	186.3	190.7	191.8	199.2	209.2	214.1	221.0	234.7	245.0	246.5
152.5°	186.6	189.8	193.1	193.9	200.7	209.7	214.1	220.0	231.7	240.5	241.7
155°	193.3	195.7	198.2	198.7	203.9	210.8	214.1	218.8	228.1	235.1	235.9
157.5°	198.3	200.6	202.9	203.5	207.1	211.8	214.1	217.7	225.0	230.4	231.0
160°	201.6	203.5	205.2	205.7	208.5	212.3	214.1	217.2	223.5	228.1	228.4
162.5°	204.9	206.3	207.7	208.0	210.1	212.8	214.1	216.8	222.0	226.0	226.3
165°	208.6	209.8	211.0	211.3	212.3	213.6	214.1	216.0	219.8	222.6	222.9
167.5°	211.9	212.5	213.1	213.3	214.1	215.1	215.6	216.9	219.3	221.1	221.2
170°	214.1	214.7	215.3	215.4	215.5	215.6	215.6	216.9	219.3	221.1	221.1
172.5°	215.3	215.4	215.6	215.6	215.6	215.6	215.6	216.6	218.5	220.0	219.9
175°	217.0	217.0	217.0	217.0	216.5	215.9	215.6	216.2	217.4	218.4	218.4
177.5°	217.0	217.0	217.0	217.0	216.6	216.1	215.9	216.4	217.3	218.1	218.0
180°	217.0	217.0	217.0	217.0	217.0	217.0	217.0	217.0	217.0	217.0	217.0

TEST NUMBER: P934089

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-6-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7
2.5°	2081.5	2075.8	2081.5	2077.7	2079.7	2073.9	2056.6	2050.8	2056.6	2062.3	2062.3
5°	2106.5	2102.6	2106.5	2106.5	2104.6	2100.7	2081.5	2077.7	2081.5	2083.4	2079.7
7.5°	2114.2	2108.4	2114.2	2110.4	2110.4	2106.5	2087.3	2083.4	2085.4	2091.1	2085.4
10°	2114.2	2108.4	2114.2	2112.2	2110.4	2106.5	2087.3	2079.7	2079.7	2085.4	2079.7
12.5°	2104.6	2100.7	2104.6	2100.7	2100.7	2096.9	2077.7	2070.0	2071.9	2073.9	2066.2
15°	2089.3	2083.4	2089.3	2085.4	2087.3	2081.5	2060.4	2052.7	2052.7	2056.6	2043.1
17.5°	2066.2	2058.5	2066.2	2064.3	2062.3	2058.5	2039.3	2031.6	2029.7	2031.6	2022.0
20°	2039.3	2033.5	2039.3	2037.4	2037.4	2029.7	2010.5	2000.9	2000.9	2000.9	1991.3
22.5°	1997.0	1991.3	1997.0	2000.9	2000.9	1999.0	1981.7	1968.2	1964.5	1964.5	1952.9
25°	1949.0	1943.3	1949.0	1949.0	1947.1	1949.0	1943.3	1935.6	1929.9	1924.0	1912.5
27.5°	1902.9	1899.1	1902.9	1899.1	1902.9	1897.2	1895.3	1893.3	1885.7	1880.0	1864.5
30°	1856.9	1853.0	1856.9	1853.0	1849.2	1845.4	1835.8	1831.9	1839.5	1835.8	1810.8
32.5°	1799.2	1795.5	1799.2	1799.2	1795.5	1795.5	1780.1	1774.3	1776.2	1787.7	1764.7
35°	1739.7	1733.9	1739.7	1737.8	1739.7	1733.9	1724.3	1722.5	1714.7	1728.2	1711.0
37.5°	1670.7	1664.8	1670.7	1670.7	1670.7	1674.4	1666.8	1661.0	1649.5	1666.8	1653.3
40°	1599.5	1591.9	1599.5	1597.7	1599.5	1603.4	1599.5	1595.7	1584.2	1597.7	1586.2
42.5°	1518.9	1517.0	1518.9	1520.8	1520.8	1528.5	1534.3	1526.6	1522.8	1513.2	1520.8
45°	1432.5	1428.7	1432.5	1436.3	1438.3	1442.1	1459.4	1459.4	1453.6	1438.3	1449.8
47.5°	1340.3	1330.7	1340.3	1351.9	1351.9	1357.6	1374.9	1388.3	1378.7	1359.5	1365.3
50°	1242.4	1244.3	1242.4	1250.1	1250.1	1271.2	1284.6	1298.1	1307.7	1284.6	1257.8
52.5°	1146.4	1144.5	1146.4	1152.1	1159.8	1169.4	1192.5	1205.9	1221.2	1207.9	1165.6
55°	1050.4	1054.2	1050.4	1052.3	1056.1	1061.9	1096.4	1109.9	1138.7	1121.4	1077.2
57.5°	954.4	948.6	954.4	958.2	960.1	965.9	994.7	1019.7	1036.9	1038.9	985.1
60°	843.0	835.3	843.0	860.3	864.2	867.9	894.9	917.8	933.2	939.0	883.3
62.5°	745.1	731.6	745.1	756.6	764.3	773.8	793.0	827.6	841.1	843.0	764.3
65°	641.4	635.6	641.4	664.4	666.3	677.8	698.9	723.9	752.7	748.9	635.6
67.5°	547.3	547.3	547.3	562.6	574.1	579.9	606.8	618.3	654.9	658.6	529.9
70°	460.9	458.9	460.9	472.4	480.0	493.5	518.5	531.9	560.7	570.4	430.1
72.5°	378.3	376.4	378.3	387.9	395.5	407.1	428.2	443.6	468.5	480.0	334.1
75°	305.3	301.5	305.3	313.0	311.0	326.5	343.7	359.1	382.2	389.8	247.7
77.5°	234.3	234.3	234.3	242.0	242.0	257.3	265.0	284.2	297.7	309.1	182.5
80°	174.7	172.9	174.7	176.6	176.6	184.3	197.8	211.2	222.8	222.8	124.8
82.5°	122.9	119.1	122.9	122.9	122.9	126.7	134.4	138.3	145.9	151.7	78.7
85°	76.8	76.8	76.8	78.7	76.8	80.6	82.6	86.4	86.4	82.6	48.0
87.5°	49.9	48.0	49.9	48.0	48.0	46.1	46.1	46.1	44.2	42.2	26.8
90°	5.5	5.5	5.5	5.5	5.5	7.4	9.8	11.0	9.5	6.4	4.1
92.5°	22.1	17.7	22.1	26.6	27.6	39.1	54.6	62.3	54.7	39.5	28.1
95°	77.2	64.0	77.2	90.6	93.9	123.3	162.5	182.1	153.8	97.2	54.7
97.5°	185.1	159.7	185.1	210.5	216.8	235.4	260.1	272.5	225.3	130.9	60.1
100°	266.7	236.4	266.7	296.8	304.4	303.0	301.2	300.3	248.0	143.2	64.6
102.5°	346.9	321.0	346.9	372.8	379.3	355.5	323.9	308.1	255.0	148.8	69.2
105°	449.2	435.3	449.2	463.1	466.6	413.5	342.6	307.3	255.8	153.0	75.9
107.5°	516.2	519.6	516.2	512.9	512.0	438.0	339.2	289.8	244.5	153.8	85.8
110°	541.8	556.3	541.8	527.2	523.6	440.9	330.5	275.3	234.4	152.6	91.3



TEST NUMBER: P934089

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-6-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	544.0	566.3	544.0	521.7	516.2	431.5	318.5	262.0	225.6	152.6	98.0
115°	529.6	560.5	529.6	498.7	491.0	409.4	300.6	246.1	215.4	154.1	108.0
117.5°	499.0	533.2	499.0	464.7	456.2	382.6	284.4	235.3	209.1	156.9	117.7
120°	474.4	507.7	474.4	441.2	432.9	365.5	275.8	230.9	207.1	159.3	123.5
122.5°	450.4	483.1	450.4	417.6	409.4	348.7	267.9	227.5	205.9	162.6	130.1
125°	416.1	446.3	416.1	386.0	378.4	326.9	258.2	223.9	205.0	167.2	138.8
127.5°	385.4	410.9	385.4	359.9	353.5	309.3	250.3	220.8	204.5	171.6	147.0
130°	367.2	390.7	367.2	343.6	337.7	298.4	245.9	219.7	204.7	174.9	152.5
132.5°	350.7	371.8	350.7	329.6	324.3	289.1	242.2	218.7	205.0	177.6	157.1
135°	328.1	346.3	328.1	310.0	305.4	276.0	236.6	217.0	204.8	180.5	162.3
137.5°	310.1	324.9	310.1	295.2	291.5	266.6	233.3	216.7	206.1	184.9	169.0
140°	297.6	311.5	297.6	283.7	280.2	258.7	229.9	215.6	206.3	187.6	173.5
142.5°	287.3	299.3	287.3	275.4	272.4	253.5	228.2	215.6	207.0	189.7	176.8
145°	271.9	281.0	271.9	262.8	260.6	245.1	224.4	214.1	207.0	192.7	182.0
147.5°	260.1	267.5	260.1	252.5	250.7	238.5	222.3	214.1	208.4	197.0	188.4
150°	252.6	258.7	252.6	246.5	245.0	234.7	221.0	214.1	209.2	199.2	191.8
152.5°	246.2	250.9	246.2	241.7	240.5	231.7	220.0	214.1	209.7	200.7	193.9
155°	238.9	242.0	238.9	235.9	235.1	228.1	218.8	214.1	210.8	203.9	198.7
157.5°	233.1	235.3	233.1	231.0	230.4	225.0	217.7	214.1	211.8	207.1	203.5
160°	229.7	230.9	229.7	228.4	228.1	223.5	217.2	214.1	212.3	208.5	205.7
162.5°	227.4	228.6	227.4	226.3	226.0	222.0	216.8	214.1	212.8	210.1	208.0
165°	224.1	225.4	224.1	222.9	222.6	219.8	216.0	214.1	213.6	212.3	211.3
167.5°	221.8	222.3	221.8	221.2	221.1	219.3	216.9	215.6	215.1	214.1	213.3
170°	221.1	221.1	221.1	221.1	221.1	219.3	216.9	215.6	215.6	215.5	215.4
172.5°	219.4	219.0	219.4	219.9	220.0	218.5	216.6	215.6	215.6	215.6	215.6
175°	218.4	218.4	218.4	218.4	218.4	217.4	216.2	215.6	215.9	216.5	217.0
177.5°	217.4	217.0	217.4	218.0	218.1	217.3	216.4	215.9	216.1	216.6	217.0
180°	217.0	217.0	217.0	217.0	217.0	217.0	217.0	217.0	217.0	217.0	217.0

TEST NUMBER: P934089

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-6-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7
2.5°	2058.5	2047.0	2047.0	2027.7	2020.1	2014.4	2004.8	1975.9	1968.2	1960.6	1972.1
5°	2075.8	2054.7	2039.3	2004.8	1975.9	1964.5	1927.9	1858.8	1812.7	1778.1	1758.9
7.5°	2079.7	2052.7	2024.0	1970.2	1901.1	1870.3	1758.9	1632.2	1597.7	1566.9	1547.7
10°	2075.8	2045.1	2004.8	1924.0	1760.9	1707.1	1595.7	1513.2	1492.1	1486.3	1492.1
12.5°	2062.3	2033.5	1977.8	1843.4	1614.9	1578.4	1513.2	1465.1	1461.3	1470.9	1522.8
15°	2039.3	2012.4	1947.1	1735.9	1534.3	1507.4	1461.3	1444.0	1465.1	1532.4	1687.9
17.5°	2016.3	1985.5	1904.9	1630.2	1472.8	1453.6	1420.9	1455.5	1574.6	1664.8	1716.7
20°	1985.5	1949.0	1856.9	1553.5	1428.7	1411.3	1396.0	1551.6	1641.8	1674.4	1703.2
22.5°	1949.0	1910.7	1791.6	1499.7	1382.6	1369.1	1378.7	1605.3	1641.8	1664.8	1689.8
25°	1901.1	1868.4	1714.7	1457.5	1346.1	1330.7	1367.3	1599.5	1620.7	1626.5	1676.4
27.5°	1856.9	1814.6	1634.1	1419.1	1301.9	1296.1	1376.9	1574.6	1589.9	1595.7	1649.5
30°	1803.1	1739.7	1543.9	1378.7	1255.8	1253.9	1378.7	1543.9	1540.0	1555.4	1609.1
32.5°	1747.4	1628.4	1442.1	1328.8	1211.6	1209.8	1365.3	1497.8	1493.9	1515.0	1555.4
35°	1695.6	1542.0	1303.9	1271.2	1156.0	1157.9	1332.7	1444.0	1445.9	1465.1	1490.1
37.5°	1641.8	1467.1	1152.1	1207.9	1102.2	1102.2	1288.5	1394.1	1390.2	1396.0	1430.5
40°	1578.4	1349.9	1017.7	1125.3	1052.3	1046.5	1234.7	1340.3	1326.9	1325.0	1373.0
42.5°	1511.3	1221.2	917.8	1015.8	994.7	987.0	1169.4	1275.0	1250.1	1255.8	1317.3
45°	1438.3	1186.7	841.1	858.3	935.2	929.4	1098.4	1200.1	1182.9	1198.3	1261.6
47.5°	1365.3	1117.5	816.1	712.4	871.8	869.9	1019.7	1127.1	1117.5	1133.0	1200.1
50°	1265.4	1040.8	814.2	610.7	800.8	808.4	925.6	1056.1	1056.1	1069.6	1140.6
52.5°	1136.7	946.7	739.3	553.0	718.1	741.2	843.0	994.7	998.6	1011.9	1075.3
55°	1019.7	848.7	685.6	508.8	620.3	670.2	762.3	931.3	939.0	952.4	1010.1
57.5°	912.1	706.7	674.0	457.0	529.9	578.0	691.3	869.9	873.7	885.3	940.9
60°	796.9	510.8	618.3	401.4	451.3	487.7	626.0	796.9	810.4	818.0	866.0
62.5°	666.3	370.6	560.7	362.9	412.9	420.5	572.2	727.8	745.1	750.8	779.7
65°	474.3	311.0	476.3	330.2	372.5	374.4	514.6	656.7	672.1	681.7	702.8
67.5°	320.6	253.5	362.9	299.5	341.8	343.7	458.9	574.1	595.3	602.9	616.4
70°	222.8	169.0	268.8	267.0	307.3	311.0	399.4	499.2	518.5	524.2	531.9
72.5°	163.2	136.3	222.8	240.0	270.7	274.6	338.0	414.7	434.0	439.7	443.6
75°	124.8	144.0	180.5	209.3	230.4	232.4	276.6	338.0	351.4	355.2	357.2
77.5°	99.8	134.4	132.5	169.0	188.2	184.3	217.0	261.1	272.7	272.7	272.7
80°	74.9	105.6	99.8	120.9	138.3	134.4	155.5	186.2	190.1	193.9	192.1
82.5°	55.7	67.2	67.2	76.8	92.2	88.4	103.7	120.9	120.9	120.9	124.8
85°	34.6	38.4	30.7	40.3	51.8	49.9	57.7	65.3	67.2	67.2	63.4
87.5°	21.1	17.2	9.6	15.4	23.1	23.1	26.8	28.8	26.8	26.8	26.8
90°	3.8	2.6	1.5	2.6	3.8	4.1	6.4	9.5	11.0	9.8	7.4
92.5°	25.6	15.7	5.8	15.7	25.6	28.1	39.5	54.7	62.3	54.6	39.1
95°	50.2	32.1	14.0	32.1	50.2	54.7	97.2	153.8	182.1	162.5	123.3
97.5°	56.1	40.1	24.1	40.1	56.1	60.1	130.9	225.3	272.5	260.1	235.4
100°	61.0	46.5	32.1	46.5	61.0	64.6	143.2	248.0	300.3	301.2	303.0
102.5°	65.8	52.3	38.8	52.3	65.8	69.2	148.8	255.0	308.1	323.9	355.5
105°	73.0	61.5	50.1	61.5	73.0	75.9	153.0	255.8	307.3	342.6	413.5
107.5°	83.0	72.4	61.7	72.4	83.0	85.8	153.8	244.5	289.8	339.2	438.0
110°	88.9	79.3	69.6	79.3	88.9	91.3	152.6	234.4	275.3	330.5	440.9

TEST NUMBER: P934089

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-6-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	95.6	86.5	77.3	86.5	95.6	98.0	152.6	225.6	262.0	318.5	431.5
115°	105.9	97.5	89.0	97.5	105.9	108.0	154.1	215.4	246.1	300.6	409.4
117.5°	115.8	108.1	100.5	108.1	115.8	117.7	156.9	209.1	235.3	284.4	382.6
120°	121.6	114.4	107.2	114.4	121.6	123.5	159.3	207.1	230.9	275.8	365.5
122.5°	128.3	121.0	113.7	121.0	128.3	130.1	162.6	205.9	227.5	267.9	348.7
125°	137.1	130.4	123.7	130.4	137.1	138.8	167.2	205.0	223.9	258.2	326.9
127.5°	145.4	138.6	131.9	138.6	145.4	147.0	171.6	204.5	220.8	250.3	309.3
130°	150.7	143.5	136.2	143.5	150.7	152.5	174.9	204.7	219.7	245.9	298.4
132.5°	155.2	148.1	140.8	148.1	155.2	157.1	177.6	205.0	218.7	242.2	289.1
135°	160.7	154.1	147.5	154.1	160.7	162.3	180.5	204.8	217.0	236.6	276.0
137.5°	167.3	160.9	154.4	160.9	167.3	169.0	184.9	206.1	216.7	233.3	266.6
140°	172.0	166.0	160.0	166.0	172.0	173.5	187.6	206.3	215.6	229.9	258.7
142.5°	175.5	169.9	164.3	169.9	175.5	176.8	189.7	207.0	215.6	228.2	253.5
145°	180.7	175.9	171.0	175.9	180.7	182.0	192.7	207.0	214.1	224.4	245.1
147.5°	187.2	182.5	177.7	182.5	187.2	188.4	197.0	208.4	214.1	222.3	238.5
150°	190.7	186.3	182.1	186.3	190.7	191.8	199.2	209.2	214.1	221.0	234.7
152.5°	193.1	189.8	186.6	189.8	193.1	193.9	200.7	209.7	214.1	220.0	231.7
155°	198.2	195.7	193.3	195.7	198.2	198.7	203.9	210.8	214.1	218.8	228.1
157.5°	202.9	200.6	198.3	200.6	202.9	203.5	207.1	211.8	214.1	217.7	225.0
160°	205.2	203.5	201.6	203.5	205.2	205.7	208.5	212.3	214.1	217.2	223.5
162.5°	207.7	206.3	204.9	206.3	207.7	208.0	210.1	212.8	214.1	216.8	222.0
165°	211.0	209.8	208.6	209.8	211.0	211.3	212.3	213.6	214.1	216.0	219.8
167.5°	213.1	212.5	211.9	212.5	213.1	213.3	214.1	215.1	215.6	216.9	219.3
170°	215.3	214.7	214.1	214.7	215.3	215.4	215.5	215.6	215.6	216.9	219.3
172.5°	215.6	215.4	215.3	215.4	215.6	215.6	215.6	215.6	215.6	216.6	218.5
175°	217.0	217.0	217.0	217.0	217.0	217.0	216.5	215.9	215.6	216.2	217.4
177.5°	217.0	217.0	217.0	217.0	217.0	217.0	216.6	216.1	215.9	216.4	217.3
180°	217.0	217.0	217.0	217.0	217.0	217.0	217.0	217.0	217.0	217.0	217.0

TEST NUMBER: P934089

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-6-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7	2029.7
2.5°	1958.6	1952.9	1960.6	1939.5	1960.6	1952.9	1958.6	1972.1	1960.6	1968.2	1975.9
5°	1718.6	1709.0	1678.3	1653.3	1678.3	1709.0	1718.6	1758.9	1778.1	1812.7	1858.8
7.5°	1536.2	1528.5	1520.8	1505.4	1520.8	1528.5	1536.2	1547.7	1566.9	1597.7	1632.2
10°	1495.8	1497.8	1509.3	1507.4	1509.3	1497.8	1495.8	1492.1	1486.3	1492.1	1513.2
12.5°	1599.5	1616.9	1680.2	1676.4	1680.2	1616.9	1599.5	1522.8	1470.9	1461.3	1465.1
15°	1718.6	1724.3	1737.8	1739.7	1737.8	1724.3	1718.6	1687.9	1532.4	1465.1	1444.0
17.5°	1730.1	1732.1	1741.7	1741.7	1741.7	1732.1	1730.1	1716.7	1664.8	1574.6	1455.5
20°	1720.6	1724.3	1743.6	1747.4	1743.6	1724.3	1720.6	1703.2	1674.4	1641.8	1551.6
22.5°	1716.7	1724.3	1739.7	1737.8	1739.7	1724.3	1716.7	1689.8	1664.8	1641.8	1605.3
25°	1697.5	1697.5	1699.4	1701.4	1699.4	1697.5	1697.5	1676.4	1626.5	1620.7	1599.5
27.5°	1657.2	1661.0	1672.5	1670.7	1672.5	1661.0	1657.2	1649.5	1595.7	1589.9	1574.6
30°	1620.7	1616.9	1607.3	1599.5	1607.3	1616.9	1620.7	1609.1	1555.4	1540.0	1543.9
32.5°	1559.2	1549.6	1540.0	1534.3	1540.0	1549.6	1559.2	1555.4	1515.0	1493.9	1497.8
35°	1486.3	1488.2	1486.3	1480.5	1486.3	1488.2	1486.3	1490.1	1465.1	1445.9	1444.0
37.5°	1434.4	1438.3	1436.3	1428.7	1436.3	1438.3	1434.4	1430.5	1396.0	1390.2	1394.1
40°	1380.6	1382.6	1380.6	1374.9	1380.6	1382.6	1380.6	1373.0	1325.0	1326.9	1340.3
42.5°	1328.8	1326.9	1321.1	1317.3	1321.1	1326.9	1328.8	1317.3	1255.8	1250.1	1275.0
45°	1269.3	1271.2	1259.7	1253.9	1259.7	1271.2	1269.3	1261.6	1198.3	1182.9	1200.1
47.5°	1209.8	1209.8	1200.1	1194.4	1200.1	1209.8	1209.8	1200.1	1133.0	1117.5	1127.1
50°	1146.4	1144.5	1131.0	1129.1	1131.0	1144.5	1146.4	1140.6	1069.6	1056.1	1056.1
52.5°	1073.5	1073.5	1075.3	1079.2	1075.3	1073.5	1073.5	1075.3	1011.9	998.6	994.7
55°	1010.1	1011.9	1025.4	1029.3	1025.4	1011.9	1010.1	1010.1	952.4	939.0	931.3
57.5°	944.8	944.8	954.4	954.4	954.4	944.8	944.8	940.9	885.3	873.7	869.9
60°	869.9	873.7	881.4	879.5	881.4	873.7	869.9	866.0	818.0	810.4	796.9
62.5°	791.1	795.0	796.9	793.0	796.9	795.0	791.1	779.7	750.8	745.1	727.8
65°	708.5	712.4	714.3	710.5	714.3	712.4	708.5	702.8	681.7	672.1	656.7
67.5°	624.0	622.2	620.3	627.9	620.3	622.2	624.0	616.4	602.9	595.3	574.1
70°	537.7	537.7	535.8	539.5	535.8	537.7	537.7	531.9	524.2	518.5	499.2
72.5°	445.4	443.6	451.3	445.4	451.3	443.6	445.4	443.6	439.7	434.0	414.7
75°	355.2	359.1	355.2	361.0	355.2	359.1	355.2	357.2	355.2	351.4	338.0
77.5°	270.7	274.6	270.7	270.7	270.7	274.6	270.7	272.7	272.7	272.7	261.1
80°	192.1	190.1	190.1	188.2	190.1	190.1	192.1	192.1	193.9	190.1	186.2
82.5°	122.9	120.9	120.9	124.8	120.9	120.9	122.9	124.8	120.9	120.9	120.9
85°	67.2	69.1	65.3	65.3	65.3	69.1	67.2	63.4	67.2	67.2	65.3
87.5°	25.0	23.1	23.1	23.1	23.1	23.1	25.0	26.8	26.8	26.8	28.8
90°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	7.4	9.8	11.0	9.5
92.5°	27.6	26.6	22.1	17.7	22.1	26.6	27.6	39.1	54.6	62.3	54.7
95°	93.9	90.6	77.2	64.0	77.2	90.6	93.9	123.3	162.5	182.1	153.8
97.5°	216.8	210.5	185.1	159.7	185.1	210.5	216.8	235.4	260.1	272.5	225.3
100°	304.4	296.8	266.7	236.4	266.7	296.8	304.4	303.0	301.2	300.3	248.0
102.5°	379.3	372.8	346.9	321.0	346.9	372.8	379.3	355.5	323.9	308.1	255.0
105°	466.6	463.1	449.2	435.3	449.2	463.1	466.6	413.5	342.6	307.3	255.8
107.5°	512.0	512.9	516.2	519.6	516.2	512.9	512.0	438.0	339.2	289.8	244.5
110°	523.6	527.2	541.8	556.3	541.8	527.2	523.6	440.9	330.5	275.3	234.4

TEST NUMBER: P934089

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-6-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	516.2	521.7	544.0	566.3	544.0	521.7	516.2	431.5	318.5	262.0	225.6
115°	491.0	498.7	529.6	560.5	529.6	498.7	491.0	409.4	300.6	246.1	215.4
117.5°	456.2	464.7	499.0	533.2	499.0	464.7	456.2	382.6	284.4	235.3	209.1
120°	432.9	441.2	474.4	507.7	474.4	441.2	432.9	365.5	275.8	230.9	207.1
122.5°	409.4	417.6	450.4	483.1	450.4	417.6	409.4	348.7	267.9	227.5	205.9
125°	378.4	386.0	416.1	446.3	416.1	386.0	378.4	326.9	258.2	223.9	205.0
127.5°	353.5	359.9	385.4	410.9	385.4	359.9	353.5	309.3	250.3	220.8	204.5
130°	337.7	343.6	367.2	390.7	367.2	343.6	337.7	298.4	245.9	219.7	204.7
132.5°	324.3	329.6	350.7	371.8	350.7	329.6	324.3	289.1	242.2	218.7	205.0
135°	305.4	310.0	328.1	346.3	328.1	310.0	305.4	276.0	236.6	217.0	204.8
137.5°	291.5	295.2	310.1	324.9	310.1	295.2	291.5	266.6	233.3	216.7	206.1
140°	280.2	283.7	297.6	311.5	297.6	283.7	280.2	258.7	229.9	215.6	206.3
142.5°	272.4	275.4	287.3	299.3	287.3	275.4	272.4	253.5	228.2	215.6	207.0
145°	260.6	262.8	271.9	281.0	271.9	262.8	260.6	245.1	224.4	214.1	207.0
147.5°	250.7	252.5	260.1	267.5	260.1	252.5	250.7	238.5	222.3	214.1	208.4
150°	245.0	246.5	252.6	258.7	252.6	246.5	245.0	234.7	221.0	214.1	209.2
152.5°	240.5	241.7	246.2	250.9	246.2	241.7	240.5	231.7	220.0	214.1	209.7
155°	235.1	235.9	238.9	242.0	238.9	235.9	235.1	228.1	218.8	214.1	210.8
157.5°	230.4	231.0	233.1	235.3	233.1	231.0	230.4	225.0	217.7	214.1	211.8
160°	228.1	228.4	229.7	230.9	229.7	228.4	228.1	223.5	217.2	214.1	212.3
162.5°	226.0	226.3	227.4	228.6	227.4	226.3	226.0	222.0	216.8	214.1	212.8
165°	222.6	222.9	224.1	225.4	224.1	222.9	222.6	219.8	216.0	214.1	213.6
167.5°	221.1	221.2	221.8	222.3	221.8	221.2	221.1	219.3	216.9	215.6	215.1
170°	221.1	221.1	221.1	221.1	221.1	221.1	221.1	219.3	216.9	215.6	215.6
172.5°	220.0	219.9	219.4	219.0	219.4	219.9	220.0	218.5	216.6	215.6	215.6
175°	218.4	218.4	218.4	218.4	218.4	218.4	218.4	217.4	216.2	215.6	215.9
177.5°	218.1	218.0	217.4	217.0	217.4	218.0	218.1	217.3	216.4	215.9	216.1
180°	217.0	217.0	217.0	217.0	217.0	217.0	217.0	217.0	217.0	217.0	217.0

TEST NUMBER: P934089

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-6-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2029.7	2029.7	2029.7	2029.7	2029.7
2.5°	2004.8	2014.4	2020.1	2027.7	2047.0
5°	1927.9	1964.5	1975.9	2004.8	2039.3
7.5°	1758.9	1870.3	1901.1	1970.2	2024.0
10°	1595.7	1707.1	1760.9	1924.0	2004.8
12.5°	1513.2	1578.4	1614.9	1843.4	1977.8
15°	1461.3	1507.4	1534.3	1735.9	1947.1
17.5°	1420.9	1453.6	1472.8	1630.2	1904.9
20°	1396.0	1411.3	1428.7	1553.5	1856.9
22.5°	1378.7	1369.1	1382.6	1499.7	1791.6
25°	1367.3	1330.7	1346.1	1457.5	1714.7
27.5°	1376.9	1296.1	1301.9	1419.1	1634.1
30°	1378.7	1253.9	1255.8	1378.7	1543.9
32.5°	1365.3	1209.8	1211.6	1328.8	1442.1
35°	1332.7	1157.9	1156.0	1271.2	1303.9
37.5°	1288.5	1102.2	1102.2	1207.9	1152.1
40°	1234.7	1046.5	1052.3	1125.3	1017.7
42.5°	1169.4	987.0	994.7	1015.8	917.8
45°	1098.4	929.4	935.2	858.3	841.1
47.5°	1019.7	869.9	871.8	712.4	816.1
50°	925.6	808.4	800.8	610.7	814.2
52.5°	843.0	741.2	718.1	553.0	739.3
55°	762.3	670.2	620.3	508.8	685.6
57.5°	691.3	578.0	529.9	457.0	674.0
60°	626.0	487.7	451.3	401.4	618.3
62.5°	572.2	420.5	412.9	362.9	560.7
65°	514.6	374.4	372.5	330.2	476.3
67.5°	458.9	343.7	341.8	299.5	362.9
70°	399.4	311.0	307.3	267.0	268.8
72.5°	338.0	274.6	270.7	240.0	222.8
75°	276.6	232.4	230.4	209.3	180.5
77.5°	217.0	184.3	188.2	169.0	132.5
80°	155.5	134.4	138.3	120.9	99.8
82.5°	103.7	88.4	92.2	76.8	67.2
85°	57.7	49.9	51.8	40.3	30.7
87.5°	26.8	23.1	23.1	15.4	9.6
90°	6.4	4.1	3.8	2.6	1.5
92.5°	39.5	28.1	25.6	15.7	5.8
95°	97.2	54.7	50.2	32.1	14.0
97.5°	130.9	60.1	56.1	40.1	24.1
100°	143.2	64.6	61.0	46.5	32.1
102.5°	148.8	69.2	65.8	52.3	38.8
105°	153.0	75.9	73.0	61.5	50.1
107.5°	153.8	85.8	83.0	72.4	61.7
110°	152.6	91.3	88.9	79.3	69.6



TEST NUMBER: P934089

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-6-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	152.6	98.0	95.6	86.5	77.3
115°	154.1	108.0	105.9	97.5	89.0
117.5°	156.9	117.7	115.8	108.1	100.5
120°	159.3	123.5	121.6	114.4	107.2
122.5°	162.6	130.1	128.3	121.0	113.7
125°	167.2	138.8	137.1	130.4	123.7
127.5°	171.6	147.0	145.4	138.6	131.9
130°	174.9	152.5	150.7	143.5	136.2
132.5°	177.6	157.1	155.2	148.1	140.8
135°	180.5	162.3	160.7	154.1	147.5
137.5°	184.9	169.0	167.3	160.9	154.4
140°	187.6	173.5	172.0	166.0	160.0
142.5°	189.7	176.8	175.5	169.9	164.3
145°	192.7	182.0	180.7	175.9	171.0
147.5°	197.0	188.4	187.2	182.5	177.7
150°	199.2	191.8	190.7	186.3	182.1
152.5°	200.7	193.9	193.1	189.8	186.6
155°	203.9	198.7	198.2	195.7	193.3
157.5°	207.1	203.5	202.9	200.6	198.3
160°	208.5	205.7	205.2	203.5	201.6
162.5°	210.1	208.0	207.7	206.3	204.9
165°	212.3	211.3	211.0	209.8	208.6
167.5°	214.1	213.3	213.1	212.5	211.9
170°	215.5	215.4	215.3	214.7	214.1
172.5°	215.6	215.6	215.6	215.4	215.3
175°	216.5	217.0	217.0	217.0	217.0
177.5°	216.6	217.0	217.0	217.0	217.0
180°	217.0	217.0	217.0	217.0	217.0

TEST NUMBER: P934089

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-6-3500K

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	15.93	17.13	16.59	17.80	18.59	18.75	19.95	19.41	20.63	21.42
	3H	16.43	17.51	17.11	18.20	19.02	20.12	21.20	20.80	21.89	22.71
	4H	16.64	17.65	17.33	18.35	19.19	20.58	21.59	21.27	22.29	23.13
	6H	16.77	17.71	17.48	18.42	19.27	20.88	21.82	21.59	22.53	23.38
	8H	16.78	17.68	17.50	18.41	19.26	20.96	21.86	21.68	22.59	23.44
	12H	16.77	17.62	17.49	18.34	19.22	21.01	21.87	21.74	22.59	23.47
4H	2H	17.00	18.01	17.70	18.71	19.55	19.20	20.22	19.90	20.92	21.75
	3H	18.06	18.90	18.77	19.64	20.49	20.74	21.58	21.45	22.32	23.17
	4H	18.35	19.12	19.07	19.85	20.74	21.28	22.05	22.00	22.78	23.67
	6H	18.49	19.16	19.24	19.92	20.81	21.66	22.33	22.41	23.09	23.98
	8H	18.50	19.13	19.26	19.89	20.79	21.77	22.40	22.52	23.16	24.06
	12H	18.49	19.05	19.26	19.83	20.74	21.85	22.41	22.62	23.19	24.10
8H	4H	18.83	19.45	19.58	20.21	21.11	21.43	22.05	22.18	22.81	23.72
	6H	19.10	19.62	19.88	20.42	21.33	21.88	22.39	22.66	23.20	24.10
	8H	19.15	19.61	19.94	20.41	21.33	22.03	22.49	22.82	23.29	24.22
	12H	19.15	19.55	19.94	20.35	21.33	22.14	22.55	22.94	23.34	24.32
12H	4H	18.85	19.41	19.62	20.19	21.10	21.41	21.97	22.18	22.75	23.66
	6H	19.16	19.63	19.96	20.43	21.35	21.88	22.34	22.67	23.14	24.06
	8H	19.25	19.65	20.04	20.45	21.43	22.05	22.46	22.85	23.25	24.23

END OF REPORT