

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: P933849

Luminaire Tested: SQ4-FA-025U-050D-930-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P933849
REPORT IS A COMBINATION OF REPORTS P933673 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-050D-930-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

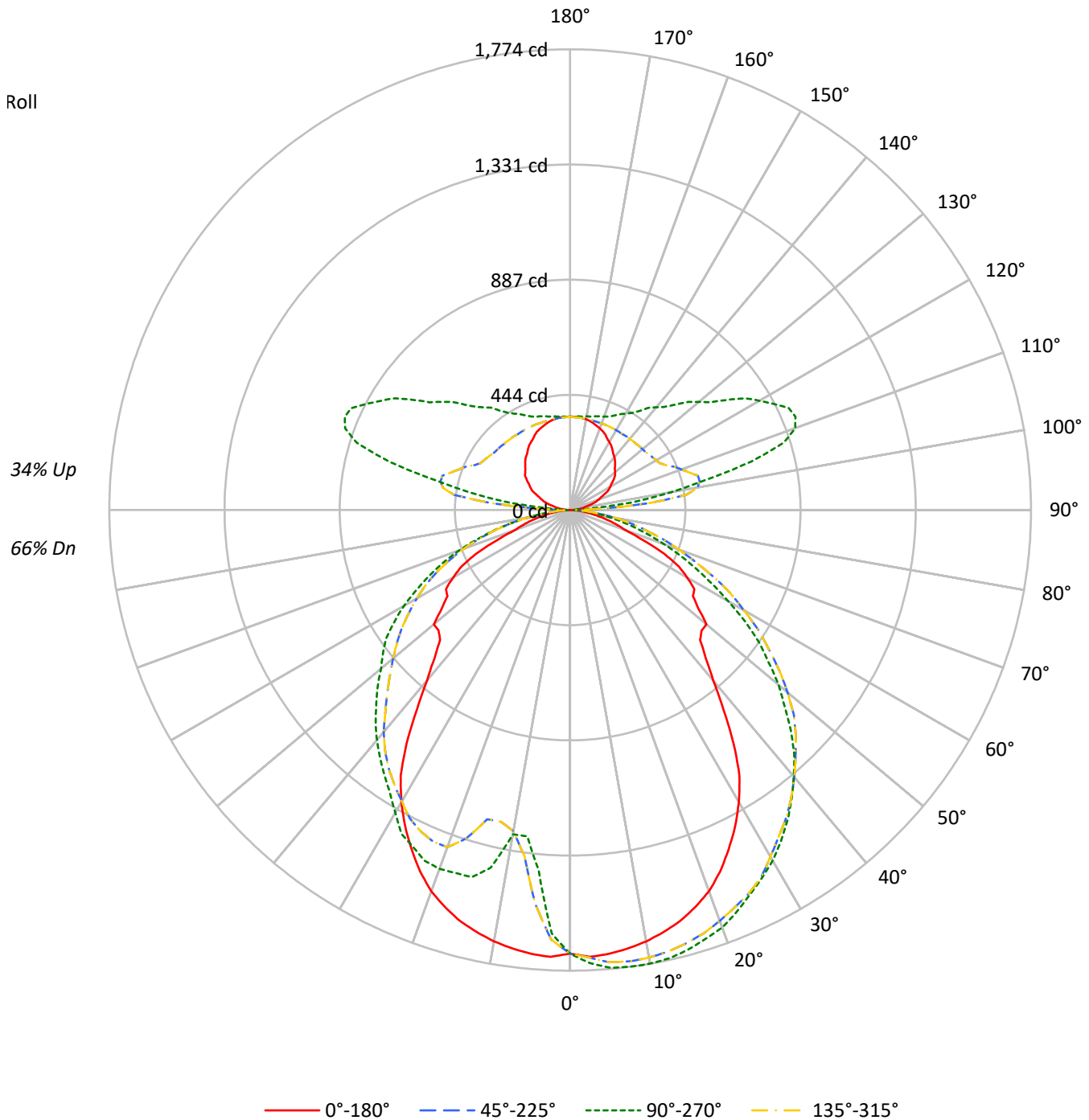
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6759.7 lumens
Efficiency: N/A
Efficacy: 102.4 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 66
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: P933849
CATALOG NUMBER: SQ4-FA-025U-050D-930-1D-UNV-STD-W-12

Luminous Intensity Polar Plot





TEST NUMBER: P933849

CATALOG NUMBER: SQ4-FA-025U-050D-930-1D-UNV-STD-W-12

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	111	111	111	111	104	104	104	104	92	92	92	81	81	81	70	70	70	70	70	70	66
1	101	97	93	89	95	91	88	85	81	78	76	71	69	68	62	61	60	60	60	60	55
2	92	85	78	73	87	80	74	70	71	67	63	63	59	56	55	52	50	50	50	50	46
3	84	75	67	61	79	70	64	58	63	57	53	55	51	48	49	46	43	43	43	43	39
4	77	66	58	52	72	62	55	49	56	50	45	49	45	41	43	40	37	37	37	37	34
5	71	59	50	44	66	56	48	43	50	44	39	44	39	35	39	35	32	32	32	32	29
6	65	53	45	39	61	50	43	37	45	39	34	40	35	31	35	31	28	28	28	28	26
7	60	48	40	34	57	45	38	33	41	35	30	36	31	28	32	28	25	25	25	25	23
8	56	43	35	30	53	41	34	29	37	31	27	33	28	25	30	26	22	22	22	22	20
9	52	40	32	27	49	38	31	26	34	28	24	31	26	22	27	23	20	20	20	20	18
10	49	36	29	24	46	35	28	23	31	26	22	28	23	20	25	21	18	18	18	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5282	5282	5282	5282
5°	5323	5332	5323	4192
10°	5290	5252	5290	3755
15°	5234	5138	5234	4291
20°	5127	5004	5127	4300
25°	4905	4807	4905	4208
30°	4617	4644	4617	4009
35°	4118	4437	4118	3789
40°	3433	4194	3433	3623
45°	3070	3910	3070	3432
50°	3264	3570	3264	3240
55°	3074	3205	3074	3129
60°	3173	2722	3173	2866
65°	2881	2250	2881	2515
70°	2000	1793	2000	2108
75°	1759	1326	1759	1587
80°	1429	876	1429	955
85°	839	464	839	394

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 4702 cd/sqm



TEST NUMBER: P933849

CATALOG NUMBER: SQ4-FA-025U-050D-930-1D-UNV-STD-W-12

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	154.1	2.3
10°-20°	437.7	6.5
20°-30°	676.6	10.0
30°-40°	807.7	11.9
40°-50°	812.4	12.0
50°-60°	706.9	10.5
60°-70°	501.2	7.4
70°-80°	265.2	3.9
80°-90°	67.4	1.0
90°-100°	175.3	2.6
100°-110°	460.7	6.8
110°-120°	477.7	7.1
120°-130°	383.2	5.7
130°-140°	300.7	4.4
140°-150°	230.8	3.4
150°-160°	166.2	2.5
160°-170°	101.7	1.5
170°-180°	34.4	0.5
0°-30°	1268.4	18.8
0°-40°	2076.0	30.7
0°-60°	3595.3	53.2
0°-90°	4429.1	65.5
90°-120°	1113.7	16.5
90°-150°	2028.3	30.0
90°-180°	2331.0	34.5
0°-180°	6759.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1708	1708	1708	1708	1708	
5°	1716	1769	1716	1391	1716	163
15°	1638	1753	1638	1464	1638	461
25°	1443	1635	1443	1431	1443	662
35°	1097	1459	1097	1246	1097	679
45°	708	1202	708	1055	708	567
55°	577	887	577	866	577	530
65°	401	535	401	598	401	383
75°	152	254	152	304	152	160
85°	26	65	26	55	26	35
90°	2	9	2	9	2	3
95°	23	106	23	106	23	26
105°	83	721	83	721	83	88
115°	147	929	147	929	147	146
125°	205	740	205	740	205	182
135°	244	574	244	574	244	189
145°	284	466	284	466	284	178
155°	320	401	320	401	320	147
165°	346	374	346	374	346	98
175°	360	362	360	362	360	34
180°	360	360	360	360	360	



TEST NUMBER: P933849

CATALOG NUMBER: SQ4-FA-025U-050D-930-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7
2.5°	1722.2	1722.2	1731.9	1735.1	1735.1	1730.3	1725.5	1730.3	1744.8	1749.7	1748.1
5°	1715.8	1728.7	1746.4	1749.7	1752.9	1751.3	1748.1	1751.3	1767.5	1770.7	1772.3
7.5°	1702.8	1727.1	1749.7	1754.6	1759.4	1754.6	1752.9	1756.2	1772.3	1775.5	1775.5
10°	1686.7	1720.6	1746.4	1749.7	1754.6	1749.7	1749.7	1756.2	1772.3	1775.5	1777.2
12.5°	1664.1	1711.0	1735.1	1738.4	1744.8	1743.2	1741.6	1748.1	1764.3	1767.5	1767.5
15°	1638.2	1693.1	1715.8	1719.0	1730.3	1727.1	1727.1	1733.5	1751.3	1756.2	1754.6
17.5°	1602.7	1670.6	1696.4	1701.2	1709.3	1707.7	1709.3	1715.8	1731.9	1735.1	1736.8
20°	1562.3	1639.8	1670.6	1675.4	1683.5	1683.5	1683.5	1691.5	1707.7	1714.2	1714.2
22.5°	1507.4	1607.5	1639.8	1643.1	1652.7	1652.7	1656.0	1667.3	1681.8	1683.5	1683.5
25°	1442.8	1572.0	1599.4	1609.1	1618.8	1623.7	1628.6	1635.0	1639.8	1638.2	1639.8
27.5°	1374.9	1526.7	1562.3	1568.7	1581.7	1586.5	1593.0	1594.6	1596.2	1601.0	1597.8
30°	1298.9	1463.7	1517.0	1523.5	1544.5	1547.8	1541.3	1544.5	1552.6	1555.8	1559.0
32.5°	1213.3	1370.0	1470.2	1484.7	1504.1	1494.5	1492.8	1497.7	1510.6	1510.6	1513.8
35°	1097.0	1297.3	1426.6	1439.5	1454.1	1442.8	1449.2	1450.8	1458.9	1463.7	1462.1
37.5°	969.4	1234.3	1381.3	1391.0	1402.4	1387.8	1397.5	1402.4	1408.8	1405.6	1405.6
40°	856.2	1135.8	1328.0	1334.5	1344.1	1332.9	1342.5	1345.8	1349.0	1345.8	1344.1
42.5°	772.2	1027.5	1271.5	1279.6	1273.1	1281.2	1284.4	1290.9	1286.0	1279.6	1279.6
45°	707.6	998.5	1210.1	1219.8	1210.1	1223.0	1227.9	1227.9	1213.3	1210.1	1208.4
47.5°	686.6	940.3	1148.7	1148.7	1143.9	1160.0	1168.0	1156.8	1142.3	1137.4	1137.4
50°	685.0	875.7	1064.7	1058.2	1080.8	1100.2	1092.2	1080.8	1069.5	1051.8	1051.8
52.5°	622.0	796.5	956.5	980.7	1016.2	1027.5	1014.6	1003.3	983.9	975.8	969.4
55°	576.8	714.1	857.8	906.3	943.5	958.1	933.8	922.5	893.4	888.6	885.4
57.5°	567.1	594.5	767.4	828.8	874.1	872.5	857.8	836.9	812.6	807.8	806.2
60°	520.3	429.8	670.5	743.2	790.0	785.2	772.2	752.9	730.2	727.0	723.8
62.5°	471.8	311.8	560.6	643.0	709.2	707.6	696.4	667.2	651.1	643.0	636.5
65°	400.7	261.7	399.1	534.8	630.1	633.3	609.1	588.1	570.3	560.6	559.0
67.5°	305.4	213.3	269.8	445.9	554.2	550.9	520.3	510.5	487.9	483.1	473.4
70°	226.2	142.2	187.4	361.9	479.9	471.8	447.5	436.2	415.2	403.9	397.4
72.5°	187.4	114.7	137.3	281.1	403.9	394.2	373.2	360.3	342.5	332.8	326.3
75°	151.8	121.2	105.0	208.4	327.9	321.5	302.1	289.2	274.6	261.7	263.3
77.5°	111.5	113.1	84.0	153.5	260.1	250.5	239.1	223.0	216.5	203.6	203.6
80°	84.0	88.9	63.0	105.0	187.4	187.4	177.7	166.4	155.1	148.6	148.6
82.5°	56.5	56.5	46.8	66.2	127.6	122.8	116.4	113.1	106.6	103.4	103.4
85°	25.9	32.3	29.1	40.4	69.5	72.7	72.7	69.5	67.9	64.6	66.2
87.5°	8.1	14.5	17.7	22.6	35.6	37.2	38.8	38.8	38.8	40.4	40.4
90°	2.4	4.3	6.3	6.7	10.6	15.7	18.3	16.3	12.2	9.2	9.2
92.5°	9.6	26.0	42.5	46.6	65.4	90.7	103.3	90.5	65.0	45.9	44.0
95°	23.1	53.2	83.2	90.7	161.1	255.0	301.8	269.3	204.4	155.6	150.1
97.5°	40.1	66.6	93.1	99.7	217.0	373.5	451.7	431.1	390.1	359.3	348.7
100°	53.1	77.1	101.1	107.1	237.4	411.0	497.8	499.3	502.3	504.5	492.0
102.5°	64.2	86.6	109.0	114.6	246.7	422.8	510.8	537.0	589.2	628.5	617.7
105°	83.0	102.0	120.9	125.7	253.6	424.1	509.3	568.0	685.3	773.3	767.5
107.5°	102.3	120.0	137.7	142.1	254.9	405.2	480.4	562.2	725.8	848.6	850.0
110°	115.3	131.3	147.3	151.3	252.9	388.5	456.3	547.7	730.6	867.9	873.9



TEST NUMBER: P933849

CATALOG NUMBER: SQ4-FA-025U-050D-930-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	128.2	143.3	158.6	162.4	253.0	373.9	434.3	528.0	715.2	855.6	864.8
115°	147.4	161.5	175.5	179.1	255.4	357.1	408.0	498.2	678.5	813.8	826.6
117.5°	166.5	179.2	192.0	195.2	260.1	346.7	389.9	471.4	634.1	756.2	770.4
120°	177.5	189.6	201.6	204.6	263.9	343.0	382.6	457.0	605.8	717.3	731.1
122.5°	188.5	200.6	212.6	215.7	269.5	341.2	377.1	444.1	578.0	678.5	692.0
125°	205.1	216.2	227.2	230.0	277.0	339.7	371.1	427.9	541.7	627.1	639.6
127.5°	218.6	229.7	240.9	243.7	284.5	338.9	366.0	414.8	512.6	585.8	596.4
130°	225.8	237.8	249.9	252.9	290.0	339.3	364.1	407.6	494.6	559.8	569.6
132.5°	233.4	245.3	257.4	260.3	294.4	339.7	362.4	401.3	479.2	537.6	546.4
135°	244.4	255.4	266.3	269.0	299.2	339.4	359.5	392.1	457.3	506.2	513.8
137.5°	255.8	266.6	277.4	280.1	306.4	341.5	359.0	386.6	441.6	483.0	489.2
140°	265.2	275.1	285.1	287.6	310.8	341.8	357.3	381.1	428.7	464.5	470.2
142.5°	272.4	281.6	290.8	293.2	314.5	343.0	357.3	378.2	420.0	451.4	456.4
145°	283.5	291.6	299.6	301.6	319.4	343.0	354.9	372.0	406.2	431.9	435.6
147.5°	294.6	302.4	310.3	312.2	326.4	345.5	354.9	368.4	395.3	415.5	418.6
150°	301.8	308.9	316.0	317.7	330.1	346.7	354.9	366.3	389.1	406.1	408.6
152.5°	309.3	314.7	320.0	321.4	332.5	347.5	354.9	364.6	384.1	398.6	400.5
155°	320.4	324.3	328.3	329.3	337.8	349.2	354.9	362.6	378.1	389.7	391.0
157.5°	328.6	332.4	336.4	337.3	343.2	351.0	354.9	360.9	372.9	381.9	382.8
160°	334.2	337.2	340.2	341.0	345.6	351.8	354.9	360.1	370.3	378.1	378.5
162.5°	339.7	342.0	344.2	344.8	348.2	352.7	354.9	359.3	367.9	374.4	374.9
165°	345.8	347.8	349.9	350.3	351.9	353.9	354.9	358.1	364.2	368.9	369.4
167.5°	351.3	352.3	353.2	353.5	354.8	356.5	357.3	359.3	363.4	366.5	366.7
170°	354.9	355.9	356.9	357.1	357.2	357.3	357.3	359.3	363.4	366.5	366.5
172.5°	356.9	357.1	357.3	357.3	357.3	357.3	357.3	358.9	362.2	364.6	364.4
175°	359.5	359.5	359.5	359.5	358.8	357.8	357.3	358.4	360.4	361.9	361.9
177.5°	359.5	359.5	359.5	359.5	358.9	358.2	357.8	358.6	360.2	361.4	361.2
180°	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5



TEST NUMBER: P933849

CATALOG NUMBER: SQ4-FA-025U-050D-930-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7
2.5°	1751.3	1746.4	1751.3	1748.1	1749.7	1744.8	1730.3	1725.5	1730.3	1735.1	1735.1
5°	1772.3	1769.1	1772.3	1772.3	1770.7	1767.5	1751.3	1748.1	1751.3	1752.9	1749.7
7.5°	1778.8	1773.9	1778.8	1775.5	1775.5	1772.3	1756.2	1752.9	1754.6	1759.4	1754.6
10°	1778.8	1773.9	1778.8	1777.2	1775.5	1772.3	1756.2	1749.7	1749.7	1754.6	1749.7
12.5°	1770.7	1767.5	1770.7	1767.5	1767.5	1764.3	1748.1	1741.6	1743.2	1744.8	1738.4
15°	1757.8	1752.9	1757.8	1754.6	1756.2	1751.3	1733.5	1727.1	1727.1	1730.3	1719.0
17.5°	1738.4	1731.9	1738.4	1736.8	1735.1	1731.9	1715.8	1709.3	1707.7	1709.3	1701.2
20°	1715.8	1711.0	1715.8	1714.2	1714.2	1707.7	1691.5	1683.5	1683.5	1683.5	1675.4
22.5°	1680.2	1675.4	1680.2	1683.5	1683.5	1681.8	1667.3	1656.0	1652.7	1652.7	1643.1
25°	1639.8	1635.0	1639.8	1639.8	1638.2	1639.8	1635.0	1628.6	1623.7	1618.8	1609.1
27.5°	1601.0	1597.8	1601.0	1597.8	1601.0	1596.2	1594.6	1593.0	1586.5	1581.7	1568.7
30°	1562.3	1559.0	1562.3	1559.0	1555.8	1552.6	1544.5	1541.3	1547.8	1544.5	1523.5
32.5°	1513.8	1510.6	1513.8	1513.8	1510.6	1510.6	1497.7	1492.8	1494.5	1504.1	1484.7
35°	1463.7	1458.9	1463.7	1462.1	1463.7	1458.9	1450.8	1449.2	1442.8	1454.1	1439.5
37.5°	1405.6	1400.8	1405.6	1405.6	1405.6	1408.8	1402.4	1397.5	1387.8	1402.4	1391.0
40°	1345.8	1339.3	1345.8	1344.1	1345.8	1349.0	1345.8	1342.5	1332.9	1344.1	1334.5
42.5°	1278.0	1276.3	1278.0	1279.6	1279.6	1286.0	1290.9	1284.4	1281.2	1273.1	1279.6
45°	1205.2	1202.0	1205.2	1208.4	1210.1	1213.3	1227.9	1227.9	1223.0	1210.1	1219.8
47.5°	1127.7	1119.6	1127.7	1137.4	1137.4	1142.3	1156.8	1168.0	1160.0	1143.9	1148.7
50°	1045.3	1046.9	1045.3	1051.8	1051.8	1069.5	1080.8	1092.2	1100.2	1080.8	1058.2
52.5°	964.5	962.9	964.5	969.4	975.8	983.9	1003.3	1014.6	1027.5	1016.2	980.7
55°	883.7	887.0	883.7	885.4	888.6	893.4	922.5	933.8	958.1	943.5	906.3
57.5°	802.9	798.1	802.9	806.2	807.8	812.6	836.9	857.8	872.5	874.1	828.8
60°	709.2	702.8	709.2	723.8	727.0	730.2	752.9	772.2	785.2	790.0	743.2
62.5°	626.8	615.6	626.8	636.5	643.0	651.1	667.2	696.4	707.6	709.2	643.0
65°	539.6	534.8	539.6	559.0	560.6	570.3	588.1	609.1	633.3	630.1	534.8
67.5°	460.4	460.4	460.4	473.4	483.1	487.9	510.5	520.3	550.9	554.2	445.9
70°	387.8	386.2	387.8	397.4	403.9	415.2	436.2	447.5	471.8	479.9	361.9
72.5°	318.3	316.6	318.3	326.3	332.8	342.5	360.3	373.2	394.2	403.9	281.1
75°	256.9	253.7	256.9	263.3	261.7	274.6	289.2	302.1	321.5	327.9	208.4
77.5°	197.1	197.1	197.1	203.6	203.6	216.5	223.0	239.1	250.5	260.1	153.5
80°	147.0	145.4	147.0	148.6	148.6	155.1	166.4	177.7	187.4	187.4	105.0
82.5°	103.4	100.1	103.4	103.4	103.4	106.6	113.1	116.4	122.8	127.6	66.2
85°	64.6	64.6	64.6	66.2	64.6	67.9	69.5	72.7	72.7	69.5	40.4
87.5°	42.0	40.4	42.0	40.4	40.4	38.8	38.8	38.8	37.2	35.6	22.6
90°	9.2	9.2	9.2	9.2	9.2	12.2	16.3	18.3	15.7	10.6	6.7
92.5°	36.8	29.5	36.8	44.0	45.9	65.0	90.5	103.3	90.7	65.4	46.6
95°	128.0	105.9	128.0	150.1	155.6	204.4	269.3	301.8	255.0	161.1	90.7
97.5°	306.7	264.7	306.7	348.7	359.3	390.1	431.1	451.7	373.5	217.0	99.7
100°	442.0	391.9	442.0	492.0	504.5	502.3	499.3	497.8	411.0	237.4	107.1
102.5°	574.9	532.0	574.9	617.7	628.5	589.2	537.0	510.8	422.8	246.7	114.6
105°	744.5	721.4	744.5	767.5	773.3	685.3	568.0	509.3	424.1	253.6	125.7
107.5°	855.6	861.1	855.6	850.0	848.6	725.8	562.2	480.4	405.2	254.9	142.1
110°	897.9	921.9	897.9	873.9	867.9	730.6	547.7	456.3	388.5	252.9	151.3



TEST NUMBER: P933849

CATALOG NUMBER: SQ4-FA-025U-050D-930-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	901.7	938.5	901.7	864.8	855.6	715.2	528.0	434.3	373.9	253.0	162.4
115°	877.8	928.9	877.8	826.6	813.8	678.5	498.2	408.0	357.1	255.4	179.1
117.5°	827.1	883.8	827.1	770.4	756.2	634.1	471.4	389.9	346.7	260.1	195.2
120°	786.2	841.3	786.2	731.1	717.3	605.8	457.0	382.6	343.0	263.9	204.6
122.5°	746.5	800.8	746.5	692.0	678.5	578.0	444.1	377.1	341.2	269.5	215.7
125°	689.6	739.7	689.6	639.6	627.1	541.7	427.9	371.1	339.7	277.0	230.0
127.5°	638.6	680.9	638.6	596.4	585.8	512.6	414.8	366.0	338.9	284.5	243.7
130°	608.6	647.6	608.6	569.6	559.8	494.6	407.6	364.1	339.3	290.0	252.9
132.5°	581.3	616.2	581.3	546.4	537.6	479.2	401.3	362.4	339.7	294.4	260.3
135°	543.9	574.0	543.9	513.8	506.2	457.3	392.1	359.5	339.4	299.2	269.0
137.5°	513.8	538.6	513.8	489.2	483.0	441.6	386.6	359.0	341.5	306.4	280.1
140°	493.3	516.3	493.3	470.2	464.5	428.7	381.1	357.3	341.8	310.8	287.6
142.5°	476.3	496.1	476.3	456.4	451.4	420.0	378.2	357.3	343.0	314.5	293.2
145°	450.6	465.7	450.6	435.6	431.9	406.2	372.0	354.9	343.0	319.4	301.6
147.5°	431.1	443.5	431.1	418.6	415.5	395.3	368.4	354.9	345.5	326.4	312.2
150°	418.7	428.7	418.7	408.6	406.1	389.1	366.3	354.9	346.7	330.1	317.7
152.5°	408.1	415.7	408.1	400.5	398.6	384.1	364.6	354.9	347.5	332.5	321.4
155°	396.0	401.0	396.0	391.0	389.7	378.1	362.6	354.9	349.2	337.8	329.3
157.5°	386.4	389.9	386.4	382.8	381.9	372.9	360.9	354.9	351.0	343.2	337.3
160°	380.6	382.6	380.6	378.5	378.1	370.3	360.1	354.9	351.8	345.6	341.0
162.5°	376.8	378.8	376.8	374.9	374.4	367.9	359.3	354.9	352.7	348.2	344.8
165°	371.5	373.5	371.5	369.4	368.9	364.2	358.1	354.9	353.9	351.9	350.3
167.5°	367.5	368.4	367.5	366.7	366.5	363.4	359.3	357.3	356.5	354.8	353.5
170°	366.5	366.5	366.5	366.5	366.5	363.4	359.3	357.3	357.3	357.2	357.1
172.5°	363.6	362.9	363.6	364.4	364.6	362.2	358.9	357.3	357.3	357.3	357.3
175°	361.9	361.9	361.9	361.9	361.9	360.4	358.4	357.3	357.8	358.8	359.5
177.5°	360.4	359.5	360.4	361.2	361.4	360.2	358.6	357.8	358.2	358.9	359.5
180°	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5



TEST NUMBER: P933849

CATALOG NUMBER: SQ4-FA-025U-050D-930-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7
2.5°	1731.9	1722.2	1722.2	1706.1	1699.6	1694.7	1686.7	1662.5	1656.0	1649.5	1659.2
5°	1746.4	1728.7	1715.8	1686.7	1662.5	1652.7	1622.1	1563.9	1525.1	1496.1	1479.9
7.5°	1749.7	1727.1	1702.8	1657.6	1599.4	1573.6	1479.9	1373.3	1344.1	1318.4	1302.1
10°	1746.4	1720.6	1686.7	1618.8	1481.5	1436.2	1342.5	1273.1	1255.3	1250.5	1255.3
12.5°	1735.1	1711.0	1664.1	1551.0	1358.8	1328.0	1273.1	1232.7	1229.5	1237.6	1281.2
15°	1715.8	1693.1	1638.2	1460.5	1290.9	1268.3	1229.5	1214.9	1232.7	1289.2	1420.1
17.5°	1696.4	1670.6	1602.7	1371.7	1239.2	1223.0	1195.5	1224.7	1324.8	1400.8	1444.4
20°	1670.6	1639.8	1562.3	1307.0	1202.0	1187.5	1174.5	1305.4	1381.3	1408.8	1433.0
22.5°	1639.8	1607.5	1507.4	1261.8	1163.2	1151.9	1160.0	1350.6	1381.3	1400.8	1421.7
25°	1599.4	1572.0	1442.8	1226.3	1132.6	1119.6	1150.3	1345.8	1363.6	1368.4	1410.4
27.5°	1562.3	1526.7	1374.9	1193.9	1095.4	1090.6	1158.4	1324.8	1337.7	1342.5	1387.8
30°	1517.0	1463.7	1298.9	1160.0	1056.6	1055.0	1160.0	1298.9	1295.7	1308.6	1353.9
32.5°	1470.2	1370.0	1213.3	1118.0	1019.4	1017.8	1148.7	1260.1	1256.9	1274.7	1308.6
35°	1426.6	1297.3	1097.0	1069.5	972.6	974.2	1121.2	1214.9	1216.5	1232.7	1253.7
37.5°	1381.3	1234.3	969.4	1016.2	927.4	927.4	1084.0	1172.9	1169.7	1174.5	1203.6
40°	1328.0	1135.8	856.2	946.7	885.4	880.5	1038.8	1127.7	1116.4	1114.8	1155.1
42.5°	1271.5	1027.5	772.2	854.6	836.9	830.4	983.9	1072.7	1051.8	1056.6	1108.3
45°	1210.1	998.5	707.6	722.1	786.8	782.0	924.1	1009.8	995.2	1008.2	1061.5
47.5°	1148.7	940.3	686.6	599.4	733.5	731.9	857.8	948.3	940.3	953.2	1009.8
50°	1064.7	875.7	685.0	513.8	673.7	680.1	778.7	888.6	888.6	899.9	959.7
52.5°	956.5	796.5	622.0	465.3	604.3	623.6	709.2	836.9	840.1	851.4	904.7
55°	857.8	714.1	576.8	428.2	521.9	563.9	641.4	783.6	790.0	801.3	849.8
57.5°	767.4	594.5	567.1	384.5	445.9	486.3	581.6	731.9	735.1	744.8	791.7
60°	670.5	429.8	520.3	337.7	379.7	410.3	526.7	670.5	681.7	688.3	728.6
62.5°	560.6	311.8	471.8	305.4	347.4	353.8	481.5	612.3	626.8	631.7	656.0
65°	399.1	261.7	400.7	277.9	313.4	315.0	433.0	552.5	565.5	573.5	591.3
67.5°	269.8	213.3	305.4	252.1	287.6	289.2	386.2	483.1	500.8	507.3	518.6
70°	187.4	142.2	226.2	224.6	258.5	261.7	336.1	420.0	436.2	441.1	447.5
72.5°	137.3	114.7	187.4	202.0	227.8	231.0	284.3	349.0	365.1	369.9	373.2
75°	105.0	121.2	151.8	176.1	193.8	195.5	232.6	284.3	295.7	298.9	300.5
77.5°	84.0	113.1	111.5	142.2	158.4	155.1	182.6	219.7	229.4	229.4	229.4
80°	63.0	88.9	84.0	101.8	116.4	113.1	130.9	156.7	160.0	163.2	161.6
82.5°	46.8	56.5	56.5	64.6	77.6	74.4	87.2	101.8	101.8	101.8	105.0
85°	29.1	32.3	25.9	34.0	43.6	42.0	48.5	54.9	56.5	56.5	53.3
87.5°	17.7	14.5	8.1	12.9	19.4	19.4	22.6	24.3	22.6	22.6	22.6
90°	6.3	4.3	2.4	4.3	6.3	6.7	10.6	15.7	18.3	16.3	12.2
92.5°	42.5	26.0	9.6	26.0	42.5	46.6	65.4	90.7	103.3	90.5	65.0
95°	83.2	53.2	23.1	53.2	83.2	90.7	161.1	255.0	301.8	269.3	204.4
97.5°	93.1	66.6	40.1	66.6	93.1	99.7	217.0	373.5	451.7	431.1	390.1
100°	101.1	77.1	53.1	77.1	101.1	107.1	237.4	411.0	497.8	499.3	502.3
102.5°	109.0	86.6	64.2	86.6	109.0	114.6	246.7	422.8	510.8	537.0	589.2
105°	120.9	102.0	83.0	102.0	120.9	125.7	253.6	424.1	509.3	568.0	685.3
107.5°	137.7	120.0	102.3	120.0	137.7	142.1	254.9	405.2	480.4	562.2	725.8
110°	147.3	131.3	115.3	131.3	147.3	151.3	252.9	388.5	456.3	547.7	730.6



TEST NUMBER: P933849

CATALOG NUMBER: SQ4-FA-025U-050D-930-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	158.6	143.3	128.2	143.3	158.6	162.4	253.0	373.9	434.3	528.0	715.2
115°	175.5	161.5	147.4	161.5	175.5	179.1	255.4	357.1	408.0	498.2	678.5
117.5°	192.0	179.2	166.5	179.2	192.0	195.2	260.1	346.7	389.9	471.4	634.1
120°	201.6	189.6	177.5	189.6	201.6	204.6	263.9	343.0	382.6	457.0	605.8
122.5°	212.6	200.6	188.5	200.6	212.6	215.7	269.5	341.2	377.1	444.1	578.0
125°	227.2	216.2	205.1	216.2	227.2	230.0	277.0	339.7	371.1	427.9	541.7
127.5°	240.9	229.7	218.6	229.7	240.9	243.7	284.5	338.9	366.0	414.8	512.6
130°	249.9	237.8	225.8	237.8	249.9	252.9	290.0	339.3	364.1	407.6	494.6
132.5°	257.4	245.3	233.4	245.3	257.4	260.3	294.4	339.7	362.4	401.3	479.2
135°	266.3	255.4	244.4	255.4	266.3	269.0	299.2	339.4	359.5	392.1	457.3
137.5°	277.4	266.6	255.8	266.6	277.4	280.1	306.4	341.5	359.0	386.6	441.6
140°	285.1	275.1	265.2	275.1	285.1	287.6	310.8	341.8	357.3	381.1	428.7
142.5°	290.8	281.6	272.4	281.6	290.8	293.2	314.5	343.0	357.3	378.2	420.0
145°	299.6	291.6	283.5	291.6	299.6	301.6	319.4	343.0	354.9	372.0	406.2
147.5°	310.3	302.4	294.6	302.4	310.3	312.2	326.4	345.5	354.9	368.4	395.3
150°	316.0	308.9	301.8	308.9	316.0	317.7	330.1	346.7	354.9	366.3	389.1
152.5°	320.0	314.7	309.3	314.7	320.0	321.4	332.5	347.5	354.9	364.6	384.1
155°	328.3	324.3	320.4	324.3	328.3	329.3	337.8	349.2	354.9	362.6	378.1
157.5°	336.4	332.4	328.6	332.4	336.4	337.3	343.2	351.0	354.9	360.9	372.9
160°	340.2	337.2	334.2	337.2	340.2	341.0	345.6	351.8	354.9	360.1	370.3
162.5°	344.2	342.0	339.7	342.0	344.2	344.8	348.2	352.7	354.9	359.3	367.9
165°	349.9	347.8	345.8	347.8	349.9	350.3	351.9	353.9	354.9	358.1	364.2
167.5°	353.2	352.3	351.3	352.3	353.2	353.5	354.8	356.5	357.3	359.3	363.4
170°	356.9	355.9	354.9	355.9	356.9	357.1	357.2	357.3	357.3	359.3	363.4
172.5°	357.3	357.1	356.9	357.1	357.3	357.3	357.3	357.3	357.3	358.9	362.2
175°	359.5	359.5	359.5	359.5	359.5	359.5	358.8	357.8	357.3	358.4	360.4
177.5°	359.5	359.5	359.5	359.5	359.5	359.5	358.9	358.2	357.8	358.6	360.2
180°	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5



TEST NUMBER: P933849

CATALOG NUMBER: SQ4-FA-025U-050D-930-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7
2.5°	1647.9	1643.1	1649.5	1631.8	1649.5	1643.1	1647.9	1659.2	1649.5	1656.0	1662.5
5°	1446.0	1437.9	1412.1	1391.0	1412.1	1437.9	1446.0	1479.9	1496.1	1525.1	1563.9
7.5°	1292.5	1286.0	1279.6	1266.7	1279.6	1286.0	1292.5	1302.1	1318.4	1344.1	1373.3
10°	1258.5	1260.1	1269.9	1268.3	1269.9	1260.1	1258.5	1255.3	1250.5	1255.3	1273.1
12.5°	1345.8	1360.4	1413.7	1410.4	1413.7	1360.4	1345.8	1281.2	1237.6	1229.5	1232.7
15°	1446.0	1450.8	1462.1	1463.7	1462.1	1450.8	1446.0	1420.1	1289.2	1232.7	1214.9
17.5°	1455.7	1457.3	1465.3	1465.3	1465.3	1457.3	1455.7	1444.4	1400.8	1324.8	1224.7
20°	1447.6	1450.8	1467.0	1470.2	1467.0	1450.8	1447.6	1433.0	1408.8	1381.3	1305.4
22.5°	1444.4	1450.8	1463.7	1462.1	1463.7	1450.8	1444.4	1421.7	1400.8	1381.3	1350.6
25°	1428.2	1428.2	1429.8	1431.4	1429.8	1428.2	1428.2	1410.4	1368.4	1363.6	1345.8
27.5°	1394.2	1397.5	1407.2	1405.6	1407.2	1397.5	1394.2	1387.8	1342.5	1337.7	1324.8
30°	1363.6	1360.4	1352.3	1345.8	1352.3	1360.4	1363.6	1353.9	1308.6	1295.7	1298.9
32.5°	1311.9	1303.8	1295.7	1290.9	1295.7	1303.8	1311.9	1308.6	1274.7	1256.9	1260.1
35°	1250.5	1252.1	1250.5	1245.6	1250.5	1252.1	1250.5	1253.7	1232.7	1216.5	1214.9
37.5°	1206.8	1210.1	1208.4	1202.0	1208.4	1210.1	1206.8	1203.6	1174.5	1169.7	1172.9
40°	1161.6	1163.2	1161.6	1156.8	1161.6	1163.2	1161.6	1155.1	1114.8	1116.4	1127.7
42.5°	1118.0	1116.4	1111.5	1108.3	1111.5	1116.4	1118.0	1108.3	1056.6	1051.8	1072.7
45°	1067.9	1069.5	1059.8	1055.0	1059.8	1069.5	1067.9	1061.5	1008.2	995.2	1009.8
47.5°	1017.8	1017.8	1009.8	1004.9	1009.8	1017.8	1017.8	1009.8	953.2	940.3	948.3
50°	964.5	962.9	951.6	949.9	951.6	962.9	964.5	959.7	899.9	888.6	888.6
52.5°	903.1	903.1	904.7	908.0	904.7	903.1	903.1	904.7	851.4	840.1	836.9
55°	849.8	851.4	862.7	866.0	862.7	851.4	849.8	849.8	801.3	790.0	783.6
57.5°	794.9	794.9	802.9	802.9	802.9	794.9	794.9	791.7	744.8	735.1	731.9
60°	731.9	735.1	741.6	740.0	741.6	735.1	731.9	728.6	688.3	681.7	670.5
62.5°	665.6	668.9	670.5	667.2	670.5	668.9	665.6	656.0	631.7	626.8	612.3
65°	596.1	599.4	601.0	597.8	601.0	599.4	596.1	591.3	573.5	565.5	552.5
67.5°	525.1	523.5	521.9	528.3	521.9	523.5	525.1	518.6	507.3	500.8	483.1
70°	452.3	452.3	450.7	454.0	450.7	452.3	452.3	447.5	441.1	436.2	420.0
72.5°	374.8	373.2	379.7	374.8	379.7	373.2	374.8	373.2	369.9	365.1	349.0
75°	298.9	302.1	298.9	303.7	298.9	302.1	298.9	300.5	298.9	295.7	284.3
77.5°	227.8	231.0	227.8	227.8	227.8	231.0	227.8	229.4	229.4	229.4	219.7
80°	161.6	160.0	160.0	158.4	160.0	160.0	161.6	161.6	163.2	160.0	156.7
82.5°	103.4	101.8	101.8	105.0	101.8	101.8	103.4	105.0	101.8	101.8	101.8
85°	56.5	58.1	54.9	54.9	54.9	58.1	56.5	53.3	56.5	56.5	54.9
87.5°	21.0	19.4	19.4	19.4	19.4	19.4	21.0	22.6	22.6	22.6	24.3
90°	9.2	9.2	9.2	9.2	9.2	9.2	9.2	12.2	16.3	18.3	15.7
92.5°	45.9	44.0	36.8	29.5	36.8	44.0	45.9	65.0	90.5	103.3	90.7
95°	155.6	150.1	128.0	105.9	128.0	150.1	155.6	204.4	269.3	301.8	255.0
97.5°	359.3	348.7	306.7	264.7	306.7	348.7	359.3	390.1	431.1	451.7	373.5
100°	504.5	492.0	442.0	391.9	442.0	492.0	504.5	502.3	499.3	497.8	411.0
102.5°	628.5	617.7	574.9	532.0	574.9	617.7	628.5	589.2	537.0	510.8	422.8
105°	773.3	767.5	744.5	721.4	744.5	767.5	773.3	685.3	568.0	509.3	424.1
107.5°	848.6	850.0	855.6	861.1	855.6	850.0	848.6	725.8	562.2	480.4	405.2
110°	867.9	873.9	897.9	921.9	897.9	873.9	867.9	730.6	547.7	456.3	388.5



TEST NUMBER: P933849

CATALOG NUMBER: SQ4-FA-025U-050D-930-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	855.6	864.8	901.7	938.5	901.7	864.8	855.6	715.2	528.0	434.3	373.9
115°	813.8	826.6	877.8	928.9	877.8	826.6	813.8	678.5	498.2	408.0	357.1
117.5°	756.2	770.4	827.1	883.8	827.1	770.4	756.2	634.1	471.4	389.9	346.7
120°	717.3	731.1	786.2	841.3	786.2	731.1	717.3	605.8	457.0	382.6	343.0
122.5°	678.5	692.0	746.5	800.8	746.5	692.0	678.5	578.0	444.1	377.1	341.2
125°	627.1	639.6	689.6	739.7	689.6	639.6	627.1	541.7	427.9	371.1	339.7
127.5°	585.8	596.4	638.6	680.9	638.6	596.4	585.8	512.6	414.8	366.0	338.9
130°	559.8	569.6	608.6	647.6	608.6	569.6	559.8	494.6	407.6	364.1	339.3
132.5°	537.6	546.4	581.3	616.2	581.3	546.4	537.6	479.2	401.3	362.4	339.7
135°	506.2	513.8	543.9	574.0	543.9	513.8	506.2	457.3	392.1	359.5	339.4
137.5°	483.0	489.2	513.8	538.6	513.8	489.2	483.0	441.6	386.6	359.0	341.5
140°	464.5	470.2	493.3	516.3	493.3	470.2	464.5	428.7	381.1	357.3	341.8
142.5°	451.4	456.4	476.3	496.1	476.3	456.4	451.4	420.0	378.2	357.3	343.0
145°	431.9	435.6	450.6	465.7	450.6	435.6	431.9	406.2	372.0	354.9	343.0
147.5°	415.5	418.6	431.1	443.5	431.1	418.6	415.5	395.3	368.4	354.9	345.5
150°	406.1	408.6	418.7	428.7	418.7	408.6	406.1	389.1	366.3	354.9	346.7
152.5°	398.6	400.5	408.1	415.7	408.1	400.5	398.6	384.1	364.6	354.9	347.5
155°	389.7	391.0	396.0	401.0	396.0	391.0	389.7	378.1	362.6	354.9	349.2
157.5°	381.9	382.8	386.4	389.9	386.4	382.8	381.9	372.9	360.9	354.9	351.0
160°	378.1	378.5	380.6	382.6	380.6	378.5	378.1	370.3	360.1	354.9	351.8
162.5°	374.4	374.9	376.8	378.8	376.8	374.9	374.4	367.9	359.3	354.9	352.7
165°	368.9	369.4	371.5	373.5	371.5	369.4	368.9	364.2	358.1	354.9	353.9
167.5°	366.5	366.7	367.5	368.4	367.5	366.7	366.5	363.4	359.3	357.3	356.5
170°	366.5	366.5	366.5	366.5	366.5	366.5	366.5	363.4	359.3	357.3	357.3
172.5°	364.6	364.4	363.6	362.9	363.6	364.4	364.6	362.2	358.9	357.3	357.3
175°	361.9	361.9	361.9	361.9	361.9	361.9	361.9	360.4	358.4	357.3	357.8
177.5°	361.4	361.2	360.4	359.5	360.4	361.2	361.4	360.2	358.6	357.8	358.2
180°	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5



TEST NUMBER: P933849

CATALOG NUMBER: SQ4-FA-025U-050D-930-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1707.7	1707.7	1707.7	1707.7	1707.7
2.5°	1686.7	1694.7	1699.6	1706.1	1722.2
5°	1622.1	1652.7	1662.5	1686.7	1715.8
7.5°	1479.9	1573.6	1599.4	1657.6	1702.8
10°	1342.5	1436.2	1481.5	1618.8	1686.7
12.5°	1273.1	1328.0	1358.8	1551.0	1664.1
15°	1229.5	1268.3	1290.9	1460.5	1638.2
17.5°	1195.5	1223.0	1239.2	1371.7	1602.7
20°	1174.5	1187.5	1202.0	1307.0	1562.3
22.5°	1160.0	1151.9	1163.2	1261.8	1507.4
25°	1150.3	1119.6	1132.6	1226.3	1442.8
27.5°	1158.4	1090.6	1095.4	1193.9	1374.9
30°	1160.0	1055.0	1056.6	1160.0	1298.9
32.5°	1148.7	1017.8	1019.4	1118.0	1213.3
35°	1121.2	974.2	972.6	1069.5	1097.0
37.5°	1084.0	927.4	927.4	1016.2	969.4
40°	1038.8	880.5	885.4	946.7	856.2
42.5°	983.9	830.4	836.9	854.6	772.2
45°	924.1	782.0	786.8	722.1	707.6
47.5°	857.8	731.9	733.5	599.4	686.6
50°	778.7	680.1	673.7	513.8	685.0
52.5°	709.2	623.6	604.3	465.3	622.0
55°	641.4	563.9	521.9	428.2	576.8
57.5°	581.6	486.3	445.9	384.5	567.1
60°	526.7	410.3	379.7	337.7	520.3
62.5°	481.5	353.8	347.4	305.4	471.8
65°	433.0	315.0	313.4	277.9	400.7
67.5°	386.2	289.2	287.6	252.1	305.4
70°	336.1	261.7	258.5	224.6	226.2
72.5°	284.3	231.0	227.8	202.0	187.4
75°	232.6	195.5	193.8	176.1	151.8
77.5°	182.6	155.1	158.4	142.2	111.5
80°	130.9	113.1	116.4	101.8	84.0
82.5°	87.2	74.4	77.6	64.6	56.5
85°	48.5	42.0	43.6	34.0	25.9
87.5°	22.6	19.4	19.4	12.9	8.1
90°	10.6	6.7	6.3	4.3	2.4
92.5°	65.4	46.6	42.5	26.0	9.6
95°	161.1	90.7	83.2	53.2	23.1
97.5°	217.0	99.7	93.1	66.6	40.1
100°	237.4	107.1	101.1	77.1	53.1
102.5°	246.7	114.6	109.0	86.6	64.2
105°	253.6	125.7	120.9	102.0	83.0
107.5°	254.9	142.1	137.7	120.0	102.3
110°	252.9	151.3	147.3	131.3	115.3



TEST NUMBER: P933849

CATALOG NUMBER: SQ4-FA-025U-050D-930-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	253.0	162.4	158.6	143.3	128.2
115°	255.4	179.1	175.5	161.5	147.4
117.5°	260.1	195.2	192.0	179.2	166.5
120°	263.9	204.6	201.6	189.6	177.5
122.5°	269.5	215.7	212.6	200.6	188.5
125°	277.0	230.0	227.2	216.2	205.1
127.5°	284.5	243.7	240.9	229.7	218.6
130°	290.0	252.9	249.9	237.8	225.8
132.5°	294.4	260.3	257.4	245.3	233.4
135°	299.2	269.0	266.3	255.4	244.4
137.5°	306.4	280.1	277.4	266.6	255.8
140°	310.8	287.6	285.1	275.1	265.2
142.5°	314.5	293.2	290.8	281.6	272.4
145°	319.4	301.6	299.6	291.6	283.5
147.5°	326.4	312.2	310.3	302.4	294.6
150°	330.1	317.7	316.0	308.9	301.8
152.5°	332.5	321.4	320.0	314.7	309.3
155°	337.8	329.3	328.3	324.3	320.4
157.5°	343.2	337.3	336.4	332.4	328.6
160°	345.6	341.0	340.2	337.2	334.2
162.5°	348.2	344.8	344.2	342.0	339.7
165°	351.9	350.3	349.9	347.8	345.8
167.5°	354.8	353.5	353.2	352.3	351.3
170°	357.2	357.1	356.9	355.9	354.9
172.5°	357.3	357.3	357.3	357.1	356.9
175°	358.8	359.5	359.5	359.5	359.5
177.5°	358.9	359.5	359.5	359.5	359.5
180°	359.5	359.5	359.5	359.5	359.5



TEST NUMBER: P933849
 CATALOG NUMBER: SQ4-FA-025U-050D-930-1D-UNV-STD-W-12

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	11.92	12.94	12.73	13.77	14.80	14.77	15.79	15.58	16.62	17.65
	3H	12.40	13.32	13.23	14.16	15.22	16.13	17.05	16.96	17.89	18.95
	4H	12.60	13.47	13.44	14.32	15.39	16.59	17.45	17.43	18.30	19.37
	6H	12.73	13.53	13.58	14.39	15.47	16.89	17.68	17.74	18.54	19.63
	8H	12.74	13.50	13.60	14.37	15.46	16.97	17.73	17.83	18.60	19.69
	12H	12.71	13.44	13.58	14.31	15.42	17.02	17.74	17.88	18.61	19.72
4H	2H	12.97	13.84	13.82	14.69	15.76	15.19	16.06	16.04	16.91	17.98
	3H	14.02	14.74	14.87	15.62	16.71	16.72	17.44	17.58	18.33	19.41
	4H	14.30	14.95	15.17	15.83	16.95	17.26	17.92	18.13	18.80	19.91
	6H	14.43	15.00	15.32	15.90	17.02	17.64	18.21	18.53	19.11	20.23
	8H	14.44	14.97	15.33	15.87	17.00	17.75	18.28	18.64	19.18	20.31
	12H	14.42	14.89	15.32	15.81	16.95	17.82	18.30	18.73	19.22	20.35
8H	4H	14.77	15.30	15.66	16.20	17.33	17.40	17.93	18.29	18.83	19.96
	6H	15.04	15.47	15.95	16.42	17.54	17.85	18.28	18.76	19.23	20.35
	8H	15.08	15.47	16.01	16.40	17.55	18.00	18.39	18.93	19.33	20.47
	12H	15.07	15.41	16.00	16.34	17.54	18.11	18.45	19.04	19.38	20.58
12H	4H	14.78	15.26	15.69	16.18	17.31	17.37	17.85	18.28	18.77	19.90
	6H	15.10	15.49	16.02	16.42	17.57	17.84	18.23	18.77	19.17	20.31
	8H	15.17	15.51	16.10	16.44	17.64	18.02	18.36	18.95	19.28	20.48