

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: P934158

Luminaire Tested: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-4-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934158
REPORT IS A COMBINATION OF REPORTS P933686 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-4-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

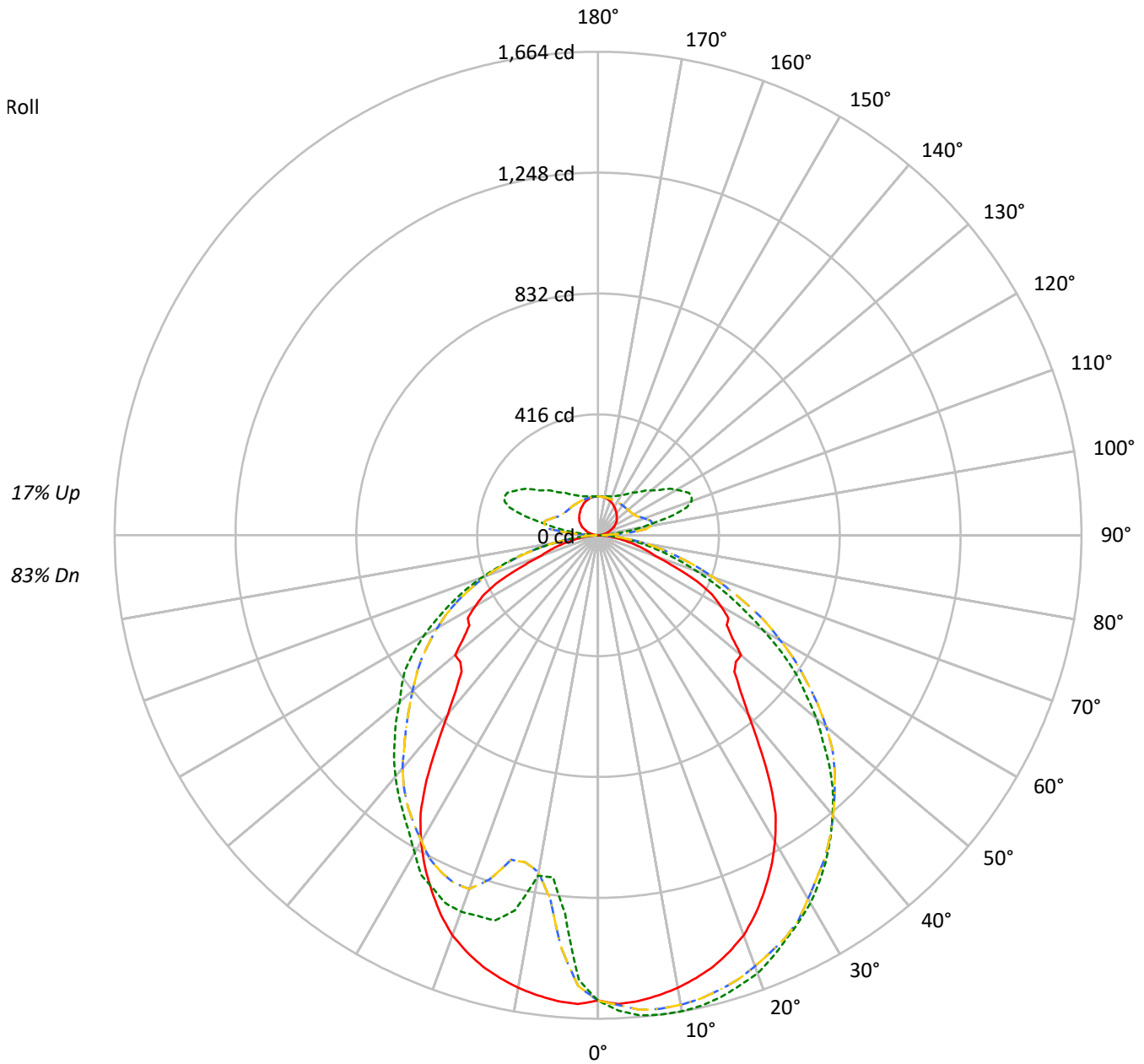
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5019.1 lumens
Efficiency: N/A
Efficacy: 101.2 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 49.6
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: P934158
CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-4-3500K

Luminous Intensity Polar Plot



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



TEST NUMBER: P934158

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-4-3500K

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
RCR																				
0	115	115	115	115	110	110	110	110	102	102	102	94	94	94	86	86	86	83		
1	105	101	97	93	101	97	93	90	89	87	84	83	80	78	76	75	73	70		
2	96	88	82	76	92	85	79	74	78	74	70	73	69	66	67	64	62	59		
3	88	78	70	64	84	75	68	62	69	63	59	64	60	56	60	56	52	50		
4	80	69	60	54	77	66	59	53	62	55	50	57	52	48	53	49	45	43		
5	74	61	53	46	70	59	51	45	55	49	43	52	46	41	48	43	39	37		
6	68	55	47	40	65	53	45	40	50	43	38	47	41	36	44	39	35	32		
7	63	50	42	36	60	48	41	35	45	39	34	42	37	32	40	35	31	29		
8	59	46	37	32	56	44	36	31	41	35	30	39	33	29	37	31	28	26		
9	55	42	34	28	52	40	33	28	38	32	27	36	30	26	34	29	25	23		
10	51	38	31	26	49	37	30	25	35	29	24	33	28	24	31	26	23	21		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14861	14861	14861	14861
5°	14956	15001	14956	11796
10°	14839	14778	14839	10565
15°	14661	14457	14661	12072
20°	14338	14078	14338	12097
25°	13693	13524	13693	11840
30°	12867	13065	12867	11278
35°	11454	12484	11454	10659
40°	9527	11800	9527	10192
45°	8496	11000	8496	9655
50°	9005	10045	9005	9115
55°	8449	9016	8449	8803
60°	8679	7658	8679	8064
65°	7831	6331	7831	7076
70°	5385	5046	5385	5931
75°	4670	3730	4670	4466
80°	3688	2466	3688	2683
85°	2012	1306	2012	1110

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13047 cd/sqm



TEST NUMBER: P934158

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-4-3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.6	2.9
10°-20°	410.5	8.2
20°-30°	634.5	12.6
30°-40°	757.5	15.1
40°-50°	761.9	15.2
50°-60°	662.9	13.2
60°-70°	470.0	9.4
70°-80°	248.7	5.0
80°-90°	62.4	1.2
90°-100°	65.1	1.3
100°-110°	171.2	3.4
110°-120°	177.5	3.5
120°-130°	142.4	2.8
130°-140°	111.7	2.2
140°-150°	85.8	1.7
150°-160°	61.8	1.2
160°-170°	37.8	0.8
170°-180°	12.8	0.3
0°-30°	1189.5	23.7
0°-40°	1947.0	38.8
0°-60°	3371.8	67.2
0°-90°	4153.0	82.7
90°-120°	413.9	8.2
90°-150°	753.8	15.0
90°-180°	866.0	17.3
0°-180°	5019.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1602	1602	1602	1602	1602	
5°	1609	1659	1609	1305	1609	153
15°	1536	1644	1536	1373	1536	432
25°	1353	1533	1353	1342	1353	621
35°	1029	1368	1029	1168	1029	636
45°	664	1127	664	989	664	532
55°	541	832	541	812	541	497
65°	376	502	376	561	376	359
75°	142	238	142	285	142	150
85°	24	61	24	52	24	33
90°	1	3	1	3	1	2
95°	9	39	9	39	9	10
105°	31	268	31	268	31	33
115°	55	345	55	345	55	54
125°	76	275	76	275	76	68
135°	91	213	91	213	91	70
145°	105	173	105	173	105	66
155°	119	149	119	149	119	55
165°	128	139	128	139	128	36
175°	134	134	134	134	134	13
180°	134	134	134	134	134	



TEST NUMBER: P934158

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-4-3500K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5
2.5°	1615.1	1615.1	1624.3	1627.3	1627.3	1622.8	1618.2	1622.8	1636.4	1640.9	1639.4
5°	1609.1	1621.2	1637.9	1640.9	1644.0	1642.4	1639.4	1642.4	1657.6	1660.6	1662.1
7.5°	1597.0	1619.7	1640.9	1645.5	1650.0	1645.5	1644.0	1647.0	1662.1	1665.2	1665.2
10°	1581.8	1613.6	1637.9	1640.9	1645.5	1640.9	1640.9	1647.0	1662.1	1665.2	1666.7
12.5°	1560.6	1604.6	1627.3	1630.3	1636.4	1634.8	1633.3	1639.4	1654.5	1657.6	1657.6
15°	1536.4	1587.9	1609.1	1612.1	1622.8	1619.7	1619.7	1625.8	1642.4	1647.0	1645.5
17.5°	1503.0	1566.7	1590.9	1595.4	1603.1	1601.5	1603.1	1609.1	1624.3	1627.3	1628.8
20°	1465.2	1537.9	1566.7	1571.2	1578.8	1578.8	1578.8	1586.4	1601.5	1607.6	1607.6
22.5°	1413.6	1507.6	1537.9	1540.9	1550.0	1550.0	1553.0	1563.7	1577.3	1578.8	1578.8
25°	1353.0	1474.2	1500.0	1509.1	1518.2	1522.7	1527.3	1533.3	1537.9	1536.4	1537.9
27.5°	1289.4	1431.8	1465.2	1471.2	1483.4	1487.9	1493.9	1495.4	1497.0	1501.5	1498.5
30°	1218.2	1372.7	1422.7	1428.8	1448.5	1451.5	1445.5	1448.5	1456.0	1459.1	1462.1
32.5°	1137.9	1284.9	1378.8	1392.4	1410.7	1401.5	1400.0	1404.6	1416.7	1416.7	1419.7
35°	1028.8	1216.6	1337.9	1350.0	1363.6	1353.0	1359.1	1360.6	1368.2	1372.7	1371.3
37.5°	909.1	1157.5	1295.4	1304.6	1315.1	1301.5	1310.6	1315.1	1321.2	1318.2	1318.2
40°	803.0	1065.2	1245.5	1251.6	1260.6	1250.0	1259.1	1262.1	1265.2	1262.1	1260.6
42.5°	724.2	963.6	1192.5	1200.0	1193.9	1201.5	1204.6	1210.6	1206.1	1200.0	1200.0
45°	663.6	936.4	1134.8	1143.9	1134.8	1147.0	1151.6	1151.6	1137.9	1134.8	1133.4
47.5°	643.9	881.8	1077.2	1077.2	1072.8	1087.9	1095.4	1084.8	1071.2	1066.7	1066.7
50°	642.4	821.2	998.5	992.5	1013.7	1031.8	1024.2	1013.7	1003.0	986.4	986.4
52.5°	583.3	747.0	897.0	919.7	953.1	963.6	951.5	940.9	922.7	915.2	909.1
55°	540.9	669.7	804.5	850.0	884.8	898.4	875.8	865.1	837.9	833.4	830.3
57.5°	531.8	557.6	719.7	777.3	819.7	818.2	804.5	784.8	762.1	757.6	756.1
60°	487.9	403.1	628.8	697.0	740.9	736.4	724.2	706.0	684.8	681.8	678.8
62.5°	442.5	292.4	525.7	603.0	665.1	663.6	653.0	625.7	610.6	603.0	597.0
65°	375.8	245.5	374.2	501.6	590.9	593.9	571.2	551.5	534.9	525.7	524.2
67.5°	286.3	200.0	253.0	418.2	519.7	516.7	487.9	478.8	457.6	453.0	444.0
70°	212.1	133.3	175.7	339.4	450.0	442.5	419.7	409.1	389.4	378.8	372.7
72.5°	175.7	107.6	128.7	263.7	378.8	369.7	350.0	337.9	321.2	312.1	306.0
75°	142.4	113.6	98.5	195.4	307.5	301.5	283.4	271.2	257.6	245.5	246.9
77.5°	104.6	106.1	78.8	144.0	244.0	234.8	224.3	209.1	203.1	190.9	190.9
80°	78.8	83.4	59.1	98.5	175.7	175.7	166.7	156.1	145.5	139.4	139.4
82.5°	53.0	53.0	44.0	62.1	119.7	115.1	109.0	106.1	100.0	97.0	97.0
85°	24.3	30.3	27.3	37.9	65.2	68.2	68.2	65.2	63.7	60.6	62.1
87.5°	7.6	13.6	16.7	21.2	33.3	34.8	36.3	36.3	36.3	37.9	37.9
90°	0.9	1.6	2.3	2.5	3.9	5.8	6.8	6.1	4.6	3.4	3.4
92.5°	3.6	9.7	15.8	17.3	24.4	33.8	38.4	33.7	24.2	17.0	16.3
95°	8.6	19.8	31.0	33.8	59.9	94.7	112.2	100.1	75.9	57.8	55.8
97.5°	14.9	24.7	34.6	37.1	80.7	138.8	167.9	160.3	145.0	133.5	129.6
100°	19.7	28.6	37.6	39.8	88.2	152.7	185.0	185.5	186.7	187.5	182.8
102.5°	23.8	32.1	40.6	42.6	91.7	157.1	189.8	199.6	219.0	233.6	229.6
105°	30.9	38.0	44.9	46.7	94.3	157.6	189.3	211.1	254.7	287.4	285.2
107.5°	38.1	44.6	51.2	52.8	94.7	150.6	178.5	209.0	269.8	315.4	316.0
110°	42.9	48.8	54.7	56.2	94.0	144.4	169.6	203.6	271.5	322.6	324.8



TEST NUMBER: P934158

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-4-3500K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	47.6	53.3	58.9	60.3	94.0	139.0	161.4	196.3	265.8	318.0	321.4
115°	54.8	60.0	65.2	66.5	94.9	132.8	151.7	185.2	252.2	302.4	307.2
117.5°	61.9	66.6	71.4	72.5	96.7	128.8	145.0	175.2	235.6	281.0	286.3
120°	66.0	70.5	74.9	76.0	98.0	127.5	142.2	169.8	225.2	266.6	271.7
122.5°	70.0	74.5	79.0	80.1	100.1	126.8	140.1	165.0	214.8	252.1	257.1
125°	76.2	80.3	84.4	85.5	103.0	126.2	137.9	159.0	201.4	233.0	237.7
127.5°	81.2	85.4	89.5	90.6	105.7	125.9	136.0	154.2	190.5	217.7	221.7
130°	83.9	88.4	92.8	94.0	107.8	126.1	135.3	151.5	183.8	208.1	211.7
132.5°	86.8	91.2	95.7	96.8	109.4	126.2	134.7	149.2	178.1	199.8	203.1
135°	90.9	94.9	99.0	100.0	111.2	126.1	133.6	145.7	169.9	188.1	190.9
137.5°	95.1	99.1	103.1	104.1	113.9	126.9	133.4	143.6	164.1	179.5	181.8
140°	98.6	102.2	106.0	106.9	115.5	127.0	132.8	141.6	159.4	172.6	174.8
142.5°	101.3	104.7	108.1	109.0	116.9	127.5	132.8	140.6	156.1	167.8	169.7
145°	105.4	108.3	111.4	112.1	118.7	127.5	131.9	138.2	150.9	160.5	162.0
147.5°	109.5	112.4	115.3	116.0	121.3	128.4	131.9	136.9	146.9	154.4	155.6
150°	112.2	114.8	117.5	118.1	122.7	128.8	131.9	136.1	144.6	150.9	151.8
152.5°	115.0	116.9	118.9	119.4	123.6	129.1	131.9	135.5	142.7	148.2	148.9
155°	119.1	120.5	122.0	122.4	125.5	129.7	131.9	134.7	140.6	144.9	145.3
157.5°	122.1	123.6	125.0	125.3	127.5	130.4	131.9	134.1	138.6	141.9	142.3
160°	124.2	125.3	126.4	126.7	128.4	130.7	131.9	133.8	137.6	140.5	140.7
162.5°	126.2	127.0	127.9	128.1	129.4	131.1	131.9	133.5	136.7	139.1	139.3
165°	128.5	129.2	130.0	130.2	130.7	131.5	131.9	133.0	135.4	137.1	137.3
167.5°	130.5	130.9	131.3	131.3	131.8	132.4	132.8	133.5	135.0	136.2	136.3
170°	131.9	132.2	132.6	132.7	132.7	132.8	132.8	133.5	135.0	136.2	136.2
172.5°	132.6	132.7	132.8	132.8	132.8	132.8	132.8	133.4	134.6	135.5	135.4
175°	133.6	133.6	133.6	133.6	133.3	133.0	132.8	133.1	133.9	134.5	134.5
177.5°	133.6	133.6	133.6	133.6	133.4	133.1	133.0	133.2	133.8	134.3	134.2
180°	133.6	133.6	133.6	133.6	133.6	133.6	133.6	133.6	133.6	133.6	133.6



TEST NUMBER: P934158

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-4-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5
2.5°	1642.4	1637.9	1642.4	1639.4	1640.9	1636.4	1622.8	1618.2	1622.8	1627.3	1627.3
5°	1662.1	1659.1	1662.1	1662.1	1660.6	1657.6	1642.4	1639.4	1642.4	1644.0	1640.9
7.5°	1668.1	1663.7	1668.1	1665.2	1665.2	1662.1	1647.0	1644.0	1645.5	1650.0	1645.5
10°	1668.1	1663.7	1668.1	1666.7	1665.2	1662.1	1647.0	1640.9	1640.9	1645.5	1640.9
12.5°	1660.6	1657.6	1660.6	1657.6	1657.6	1654.5	1639.4	1633.3	1634.8	1636.4	1630.3
15°	1648.4	1644.0	1648.4	1645.5	1647.0	1642.4	1625.8	1619.7	1619.7	1622.8	1612.1
17.5°	1630.3	1624.3	1630.3	1628.8	1627.3	1624.3	1609.1	1603.1	1601.5	1603.1	1595.4
20°	1609.1	1604.6	1609.1	1607.6	1607.6	1601.5	1586.4	1578.8	1578.8	1578.8	1571.2
22.5°	1575.7	1571.2	1575.7	1578.8	1578.8	1577.3	1563.7	1553.0	1550.0	1550.0	1540.9
25°	1537.9	1533.3	1537.9	1537.9	1536.4	1537.9	1533.3	1527.3	1522.7	1518.2	1509.1
27.5°	1501.5	1498.5	1501.5	1498.5	1501.5	1497.0	1495.4	1493.9	1487.9	1483.4	1471.2
30°	1465.2	1462.1	1465.2	1462.1	1459.1	1456.0	1448.5	1445.5	1451.5	1448.5	1428.8
32.5°	1419.7	1416.7	1419.7	1419.7	1416.7	1416.7	1404.6	1400.0	1401.5	1410.7	1392.4
35°	1372.7	1368.2	1372.7	1371.3	1372.7	1368.2	1360.6	1359.1	1353.0	1363.6	1350.0
37.5°	1318.2	1313.6	1318.2	1318.2	1318.2	1321.2	1315.1	1310.6	1301.5	1315.1	1304.6
40°	1262.1	1256.0	1262.1	1260.6	1262.1	1265.2	1262.1	1259.1	1250.0	1260.6	1251.6
42.5°	1198.5	1196.9	1198.5	1200.0	1200.0	1206.1	1210.6	1204.6	1201.5	1193.9	1200.0
45°	1130.3	1127.3	1130.3	1133.4	1134.8	1137.9	1151.6	1151.6	1147.0	1134.8	1143.9
47.5°	1057.5	1050.0	1057.5	1066.7	1066.7	1071.2	1084.8	1095.4	1087.9	1072.8	1077.2
50°	980.3	981.8	980.3	986.4	986.4	1003.0	1013.7	1024.2	1031.8	1013.7	992.5
52.5°	904.5	903.0	904.5	909.1	915.2	922.7	940.9	951.5	963.6	953.1	919.7
55°	828.8	831.8	828.8	830.3	833.4	837.9	865.1	875.8	898.4	884.8	850.0
57.5°	753.0	748.5	753.0	756.1	757.6	762.1	784.8	804.5	818.2	819.7	777.3
60°	665.1	659.1	665.1	678.8	681.8	684.8	706.0	724.2	736.4	740.9	697.0
62.5°	587.9	577.3	587.9	597.0	603.0	610.6	625.7	653.0	663.6	665.1	603.0
65°	506.0	501.6	506.0	524.2	525.7	534.9	551.5	571.2	593.9	590.9	501.6
67.5°	431.8	431.8	431.8	444.0	453.0	457.6	478.8	487.9	516.7	519.7	418.2
70°	363.7	362.2	363.7	372.7	378.8	389.4	409.1	419.7	442.5	450.0	339.4
72.5°	298.5	297.0	298.5	306.0	312.1	321.2	337.9	350.0	369.7	378.8	263.7
75°	240.9	237.9	240.9	246.9	245.5	257.6	271.2	283.4	301.5	307.5	195.4
77.5°	184.9	184.9	184.9	190.9	190.9	203.1	209.1	224.3	234.8	244.0	144.0
80°	137.9	136.4	137.9	139.4	139.4	145.5	156.1	166.7	175.7	175.7	98.5
82.5°	97.0	93.9	97.0	97.0	97.0	100.0	106.1	109.0	115.1	119.7	62.1
85°	60.6	60.6	60.6	62.1	60.6	63.7	65.2	68.2	68.2	65.2	37.9
87.5°	39.4	37.9	39.4	37.9	37.9	36.3	36.3	36.3	34.8	33.3	21.2
90°	3.4	3.4	3.4	3.4	3.4	4.6	6.1	6.8	5.8	3.9	2.5
92.5°	13.6	10.9	13.6	16.3	17.0	24.2	33.7	38.4	33.8	24.4	17.3
95°	47.6	39.4	47.6	55.8	57.8	75.9	100.1	112.2	94.7	59.9	33.8
97.5°	114.0	98.4	114.0	129.6	133.5	145.0	160.3	167.9	138.8	80.7	37.1
100°	164.3	145.7	164.3	182.8	187.5	186.7	185.5	185.0	152.7	88.2	39.8
102.5°	213.6	197.7	213.6	229.6	233.6	219.0	199.6	189.8	157.1	91.7	42.6
105°	276.7	268.1	276.7	285.2	287.4	254.7	211.1	189.3	157.6	94.3	46.7
107.5°	318.0	320.1	318.0	316.0	315.4	269.8	209.0	178.5	150.6	94.7	52.8
110°	333.7	342.6	333.7	324.8	322.6	271.5	203.6	169.6	144.4	94.0	56.2



TEST NUMBER: P934158

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-4-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	335.1	348.8	335.1	321.4	318.0	265.8	196.3	161.4	139.0	94.0	60.3
115°	326.3	345.2	326.3	307.2	302.4	252.2	185.2	151.7	132.8	94.9	66.5
117.5°	307.4	328.5	307.4	286.3	281.0	235.6	175.2	145.0	128.8	96.7	72.5
120°	292.2	312.6	292.2	271.7	266.6	225.2	169.8	142.2	127.5	98.0	76.0
122.5°	277.4	297.6	277.4	257.1	252.1	214.8	165.0	140.1	126.8	100.1	80.1
125°	256.3	275.0	256.3	237.7	233.0	201.4	159.0	137.9	126.2	103.0	85.5
127.5°	237.3	253.0	237.3	221.7	217.7	190.5	154.2	136.0	125.9	105.7	90.6
130°	226.2	240.7	226.2	211.7	208.1	183.8	151.5	135.3	126.1	107.8	94.0
132.5°	216.0	229.0	216.0	203.1	199.8	178.1	149.2	134.7	126.2	109.4	96.8
135°	202.2	213.4	202.2	190.9	188.1	169.9	145.7	133.6	126.1	111.2	100.0
137.5°	191.0	200.2	191.0	181.8	179.5	164.1	143.6	133.4	126.9	113.9	104.1
140°	183.3	191.9	183.3	174.8	172.6	159.4	141.6	132.8	127.0	115.5	106.9
142.5°	177.0	184.3	177.0	169.7	167.8	156.1	140.6	132.8	127.5	116.9	109.0
145°	167.5	173.1	167.5	162.0	160.5	150.9	138.2	131.9	127.5	118.7	112.1
147.5°	160.2	164.8	160.2	155.6	154.4	146.9	136.9	131.9	128.4	121.3	116.0
150°	155.6	159.4	155.6	151.8	150.9	144.6	136.1	131.9	128.8	122.7	118.1
152.5°	151.7	154.5	151.7	148.9	148.2	142.7	135.5	131.9	129.1	123.6	119.4
155°	147.2	149.1	147.2	145.3	144.9	140.6	134.7	131.9	129.7	125.5	122.4
157.5°	143.6	145.0	143.6	142.3	141.9	138.6	134.1	131.9	130.4	127.5	125.3
160°	141.5	142.2	141.5	140.7	140.5	137.6	133.8	131.9	130.7	128.4	126.7
162.5°	140.0	140.7	140.0	139.3	139.1	136.7	133.5	131.9	131.1	129.4	128.1
165°	138.1	138.8	138.1	137.3	137.1	135.4	133.0	131.9	131.5	130.7	130.2
167.5°	136.5	136.9	136.5	136.3	136.2	135.0	133.5	132.8	132.4	131.8	131.3
170°	136.2	136.2	136.2	136.2	136.2	135.0	133.5	132.8	132.8	132.7	132.7
172.5°	135.1	134.8	135.1	135.4	135.5	134.6	133.4	132.8	132.8	132.8	132.8
175°	134.5	134.5	134.5	134.5	134.5	133.9	133.1	132.8	133.0	133.3	133.6
177.5°	133.9	133.6	133.9	134.2	134.3	133.8	133.2	133.0	133.1	133.4	133.6
180°	133.6	133.6	133.6	133.6	133.6	133.6	133.6	133.6	133.6	133.6	133.6



TEST NUMBER: P934158

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-4-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5
2.5°	1624.3	1615.1	1615.1	1600.0	1593.9	1589.4	1581.8	1559.1	1553.0	1547.0	1556.1
5°	1637.9	1621.2	1609.1	1581.8	1559.1	1550.0	1521.2	1466.7	1430.4	1403.0	1387.9
7.5°	1640.9	1619.7	1597.0	1554.5	1500.0	1475.7	1387.9	1287.9	1260.6	1236.3	1221.2
10°	1637.9	1613.6	1581.8	1518.2	1389.4	1347.0	1259.1	1193.9	1177.2	1172.8	1177.2
12.5°	1627.3	1604.6	1560.6	1454.5	1274.2	1245.5	1193.9	1156.0	1153.1	1160.6	1201.5
15°	1609.1	1587.9	1536.4	1369.7	1210.6	1189.4	1153.1	1139.4	1156.0	1209.1	1331.9
17.5°	1590.9	1566.7	1503.0	1286.4	1162.1	1147.0	1121.2	1148.5	1242.4	1313.6	1354.5
20°	1566.7	1537.9	1465.2	1225.8	1127.3	1113.7	1101.5	1224.2	1295.4	1321.2	1344.0
22.5°	1537.9	1507.6	1413.6	1183.3	1090.9	1080.3	1087.9	1266.7	1295.4	1313.6	1333.3
25°	1500.0	1474.2	1353.0	1150.0	1062.1	1050.0	1078.8	1262.1	1278.8	1283.3	1322.7
27.5°	1465.2	1431.8	1289.4	1119.7	1027.3	1022.7	1086.4	1242.4	1254.5	1259.1	1301.5
30°	1422.7	1372.7	1218.2	1087.9	990.9	989.4	1087.9	1218.2	1215.1	1227.3	1269.7
32.5°	1378.8	1284.9	1137.9	1048.5	956.1	954.6	1077.2	1181.8	1178.8	1195.4	1227.3
35°	1337.9	1216.6	1028.8	1003.0	912.1	913.7	1051.5	1139.4	1140.9	1156.0	1175.7
37.5°	1295.4	1157.5	909.1	953.1	869.7	869.7	1016.6	1100.0	1096.9	1101.5	1128.8
40°	1245.5	1065.2	803.0	887.9	830.3	825.7	974.3	1057.5	1047.0	1045.5	1083.3
42.5°	1192.5	963.6	724.2	801.5	784.8	778.8	922.7	1006.1	986.4	990.9	1039.4
45°	1134.8	936.4	663.6	677.3	737.9	733.4	866.7	947.0	933.4	945.4	995.5
47.5°	1077.2	881.8	643.9	562.2	687.9	686.3	804.5	889.4	881.8	894.0	947.0
50°	998.5	821.2	642.4	481.9	631.8	637.9	730.3	833.4	833.4	843.9	900.0
52.5°	897.0	747.0	583.3	436.4	566.6	584.8	665.1	784.8	787.9	798.5	848.5
55°	804.5	669.7	540.9	401.5	489.4	528.8	601.6	734.9	740.9	751.5	797.0
57.5°	719.7	557.6	531.8	360.6	418.2	456.1	545.4	686.3	689.4	698.5	742.4
60°	628.8	403.1	487.9	316.7	356.1	384.8	493.9	628.8	639.4	645.4	683.3
62.5°	525.7	292.4	442.5	286.3	325.7	331.8	451.5	574.3	587.9	592.4	615.2
65°	374.2	245.5	375.8	260.6	293.9	295.5	406.0	518.2	530.3	537.9	554.6
67.5°	253.0	200.0	286.3	236.4	269.7	271.2	362.2	453.0	469.7	475.8	486.3
70°	175.7	133.3	212.1	210.6	242.5	245.5	315.1	393.9	409.1	413.6	419.7
72.5°	128.7	107.6	175.7	189.4	213.6	216.7	266.6	327.2	342.5	346.9	350.0
75°	98.5	113.6	142.4	165.2	181.8	183.4	218.2	266.6	277.3	280.3	281.8
77.5°	78.8	106.1	104.6	133.3	148.4	145.5	171.2	206.1	215.1	215.1	215.1
80°	59.1	83.4	78.8	95.4	109.0	106.1	122.7	147.0	150.0	153.0	151.5
82.5°	44.0	53.0	53.0	60.6	72.7	69.7	81.8	95.4	95.4	95.4	98.5
85°	27.3	30.3	24.3	31.8	40.9	39.4	45.5	51.5	53.0	53.0	50.0
87.5°	16.7	13.6	7.6	12.1	18.2	18.2	21.2	22.7	21.2	21.2	21.2
90°	2.3	1.6	0.9	1.6	2.3	2.5	3.9	5.8	6.8	6.1	4.6
92.5°	15.8	9.7	3.6	9.7	15.8	17.3	24.4	33.8	38.4	33.7	24.2
95°	31.0	19.8	8.6	19.8	31.0	33.8	59.9	94.7	112.2	100.1	75.9
97.5°	34.6	24.7	14.9	24.7	34.6	37.1	80.7	138.8	167.9	160.3	145.0
100°	37.6	28.6	19.7	28.6	37.6	39.8	88.2	152.7	185.0	185.5	186.7
102.5°	40.6	32.1	23.8	32.1	40.6	42.6	91.7	157.1	189.8	199.6	219.0
105°	44.9	38.0	30.9	38.0	44.9	46.7	94.3	157.6	189.3	211.1	254.7
107.5°	51.2	44.6	38.1	44.6	51.2	52.8	94.7	150.6	178.5	209.0	269.8
110°	54.7	48.8	42.9	48.8	54.7	56.2	94.0	144.4	169.6	203.6	271.5



TEST NUMBER: P934158

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-4-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	58.9	53.3	47.6	53.3	58.9	60.3	94.0	139.0	161.4	196.3	265.8
115°	65.2	60.0	54.8	60.0	65.2	66.5	94.9	132.8	151.7	185.2	252.2
117.5°	71.4	66.6	61.9	66.6	71.4	72.5	96.7	128.8	145.0	175.2	235.6
120°	74.9	70.5	66.0	70.5	74.9	76.0	98.0	127.5	142.2	169.8	225.2
122.5°	79.0	74.5	70.0	74.5	79.0	80.1	100.1	126.8	140.1	165.0	214.8
125°	84.4	80.3	76.2	80.3	84.4	85.5	103.0	126.2	137.9	159.0	201.4
127.5°	89.5	85.4	81.2	85.4	89.5	90.6	105.7	125.9	136.0	154.2	190.5
130°	92.8	88.4	83.9	88.4	92.8	94.0	107.8	126.1	135.3	151.5	183.8
132.5°	95.7	91.2	86.8	91.2	95.7	96.8	109.4	126.2	134.7	149.2	178.1
135°	99.0	94.9	90.9	94.9	99.0	100.0	111.2	126.1	133.6	145.7	169.9
137.5°	103.1	99.1	95.1	99.1	103.1	104.1	113.9	126.9	133.4	143.6	164.1
140°	106.0	102.2	98.6	102.2	106.0	106.9	115.5	127.0	132.8	141.6	159.4
142.5°	108.1	104.7	101.3	104.7	108.1	109.0	116.9	127.5	132.8	140.6	156.1
145°	111.4	108.3	105.4	108.3	111.4	112.1	118.7	127.5	131.9	138.2	150.9
147.5°	115.3	112.4	109.5	112.4	115.3	116.0	121.3	128.4	131.9	136.9	146.9
150°	117.5	114.8	112.2	114.8	117.5	118.1	122.7	128.8	131.9	136.1	144.6
152.5°	118.9	116.9	115.0	116.9	118.9	119.4	123.6	129.1	131.9	135.5	142.7
155°	122.0	120.5	119.1	120.5	122.0	122.4	125.5	129.7	131.9	134.7	140.6
157.5°	125.0	123.6	122.1	123.6	125.0	125.3	127.5	130.4	131.9	134.1	138.6
160°	126.4	125.3	124.2	125.3	126.4	126.7	128.4	130.7	131.9	133.8	137.6
162.5°	127.9	127.0	126.2	127.0	127.9	128.1	129.4	131.1	131.9	133.5	136.7
165°	130.0	129.2	128.5	129.2	130.0	130.2	130.7	131.5	131.9	133.0	135.4
167.5°	131.3	130.9	130.5	130.9	131.3	131.3	131.8	132.4	132.8	133.5	135.0
170°	132.6	132.2	131.9	132.2	132.6	132.7	132.7	132.8	132.8	133.5	135.0
172.5°	132.8	132.7	132.6	132.7	132.8	132.8	132.8	132.8	132.8	133.4	134.6
175°	133.6	133.6	133.6	133.6	133.6	133.6	133.3	133.0	132.8	133.1	133.9
177.5°	133.6	133.6	133.6	133.6	133.6	133.6	133.4	133.1	133.0	133.2	133.8
180°	133.6	133.6	133.6	133.6	133.6	133.6	133.6	133.6	133.6	133.6	133.6



TEST NUMBER: P934158

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-4-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5
2.5°	1545.5	1540.9	1547.0	1530.3	1547.0	1540.9	1545.5	1556.1	1547.0	1553.0	1559.1
5°	1356.0	1348.5	1324.3	1304.6	1324.3	1348.5	1356.0	1387.9	1403.0	1430.4	1466.7
7.5°	1212.2	1206.1	1200.0	1187.9	1200.0	1206.1	1212.2	1221.2	1236.3	1260.6	1287.9
10°	1180.3	1181.8	1190.9	1189.4	1190.9	1181.8	1180.3	1177.2	1172.8	1177.2	1193.9
12.5°	1262.1	1275.7	1325.8	1322.7	1325.8	1275.7	1262.1	1201.5	1160.6	1153.1	1156.0
15°	1356.0	1360.6	1371.3	1372.7	1371.3	1360.6	1356.0	1331.9	1209.1	1156.0	1139.4
17.5°	1365.2	1366.7	1374.2	1374.2	1374.2	1366.7	1365.2	1354.5	1313.6	1242.4	1148.5
20°	1357.6	1360.6	1375.7	1378.8	1375.7	1360.6	1357.6	1344.0	1321.2	1295.4	1224.2
22.5°	1354.5	1360.6	1372.7	1371.3	1372.7	1360.6	1354.5	1333.3	1313.6	1295.4	1266.7
25°	1339.4	1339.4	1340.9	1342.4	1340.9	1339.4	1339.4	1322.7	1283.3	1278.8	1262.1
27.5°	1307.6	1310.6	1319.7	1318.2	1319.7	1310.6	1307.6	1301.5	1259.1	1254.5	1242.4
30°	1278.8	1275.7	1268.2	1262.1	1268.2	1275.7	1278.8	1269.7	1227.3	1215.1	1218.2
32.5°	1230.3	1222.7	1215.1	1210.6	1215.1	1222.7	1230.3	1227.3	1195.4	1178.8	1181.8
35°	1172.8	1174.2	1172.8	1168.2	1172.8	1174.2	1172.8	1175.7	1156.0	1140.9	1139.4
37.5°	1131.9	1134.8	1133.4	1127.3	1133.4	1134.8	1131.9	1128.8	1101.5	1096.9	1100.0
40°	1089.4	1090.9	1089.4	1084.8	1089.4	1090.9	1089.4	1083.3	1045.5	1047.0	1057.5
42.5°	1048.5	1047.0	1042.4	1039.4	1042.4	1047.0	1048.5	1039.4	990.9	986.4	1006.1
45°	1001.5	1003.0	994.0	989.4	994.0	1003.0	1001.5	995.5	945.4	933.4	947.0
47.5°	954.6	954.6	947.0	942.4	947.0	954.6	954.6	947.0	894.0	881.8	889.4
50°	904.5	903.0	892.4	890.9	892.4	903.0	904.5	900.0	843.9	833.4	833.4
52.5°	847.0	847.0	848.5	851.5	848.5	847.0	847.0	848.5	798.5	787.9	784.8
55°	797.0	798.5	809.1	812.1	809.1	798.5	797.0	797.0	751.5	740.9	734.9
57.5°	745.4	745.4	753.0	753.0	753.0	745.4	745.4	742.4	698.5	689.4	686.3
60°	686.3	689.4	695.5	694.0	695.5	689.4	686.3	683.3	645.4	639.4	628.8
62.5°	624.2	627.3	628.8	625.7	628.8	627.3	624.2	615.2	592.4	587.9	574.3
65°	559.1	562.2	563.6	560.6	563.6	562.2	559.1	554.6	537.9	530.3	518.2
67.5°	492.4	490.9	489.4	495.5	489.4	490.9	492.4	486.3	475.8	469.7	453.0
70°	424.2	424.2	422.8	425.7	422.8	424.2	424.2	419.7	413.6	409.1	393.9
72.5°	351.5	350.0	356.1	351.5	356.1	350.0	351.5	350.0	346.9	342.5	327.2
75°	280.3	283.4	280.3	284.9	280.3	283.4	280.3	281.8	280.3	277.3	266.6
77.5°	213.6	216.7	213.6	213.6	213.6	216.7	213.6	215.1	215.1	215.1	206.1
80°	151.5	150.0	150.0	148.4	150.0	150.0	151.5	151.5	153.0	150.0	147.0
82.5°	97.0	95.4	95.4	98.5	95.4	95.4	97.0	98.5	95.4	95.4	95.4
85°	53.0	54.5	51.5	51.5	51.5	54.5	53.0	50.0	53.0	53.0	51.5
87.5°	19.7	18.2	18.2	18.2	18.2	18.2	19.7	21.2	21.2	21.2	22.7
90°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	4.6	6.1	6.8	5.8
92.5°	17.0	16.3	13.6	10.9	13.6	16.3	17.0	24.2	33.7	38.4	33.8
95°	57.8	55.8	47.6	39.4	47.6	55.8	57.8	75.9	100.1	112.2	94.7
97.5°	133.5	129.6	114.0	98.4	114.0	129.6	133.5	145.0	160.3	167.9	138.8
100°	187.5	182.8	164.3	145.7	164.3	182.8	187.5	186.7	185.5	185.0	152.7
102.5°	233.6	229.6	213.6	197.7	213.6	229.6	233.6	219.0	199.6	189.8	157.1
105°	287.4	285.2	276.7	268.1	276.7	285.2	287.4	254.7	211.1	189.3	157.6
107.5°	315.4	316.0	318.0	320.1	318.0	316.0	315.4	269.8	209.0	178.5	150.6
110°	322.6	324.8	333.7	342.6	333.7	324.8	322.6	271.5	203.6	169.6	144.4



TEST NUMBER: P934158

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-4-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	318.0	321.4	335.1	348.8	335.1	321.4	318.0	265.8	196.3	161.4	139.0
115°	302.4	307.2	326.3	345.2	326.3	307.2	302.4	252.2	185.2	151.7	132.8
117.5°	281.0	286.3	307.4	328.5	307.4	286.3	281.0	235.6	175.2	145.0	128.8
120°	266.6	271.7	292.2	312.6	292.2	271.7	266.6	225.2	169.8	142.2	127.5
122.5°	252.1	257.1	277.4	297.6	277.4	257.1	252.1	214.8	165.0	140.1	126.8
125°	233.0	237.7	256.3	275.0	256.3	237.7	233.0	201.4	159.0	137.9	126.2
127.5°	217.7	221.7	237.3	253.0	237.3	221.7	217.7	190.5	154.2	136.0	125.9
130°	208.1	211.7	226.2	240.7	226.2	211.7	208.1	183.8	151.5	135.3	126.1
132.5°	199.8	203.1	216.0	229.0	216.0	203.1	199.8	178.1	149.2	134.7	126.2
135°	188.1	190.9	202.2	213.4	202.2	190.9	188.1	169.9	145.7	133.6	126.1
137.5°	179.5	181.8	191.0	200.2	191.0	181.8	179.5	164.1	143.6	133.4	126.9
140°	172.6	174.8	183.3	191.9	183.3	174.8	172.6	159.4	141.6	132.8	127.0
142.5°	167.8	169.7	177.0	184.3	177.0	169.7	167.8	156.1	140.6	132.8	127.5
145°	160.5	162.0	167.5	173.1	167.5	162.0	160.5	150.9	138.2	131.9	127.5
147.5°	154.4	155.6	160.2	164.8	160.2	155.6	154.4	146.9	136.9	131.9	128.4
150°	150.9	151.8	155.6	159.4	155.6	151.8	150.9	144.6	136.1	131.9	128.8
152.5°	148.2	148.9	151.7	154.5	151.7	148.9	148.2	142.7	135.5	131.9	129.1
155°	144.9	145.3	147.2	149.1	147.2	145.3	144.9	140.6	134.7	131.9	129.7
157.5°	141.9	142.3	143.6	145.0	143.6	142.3	141.9	138.6	134.1	131.9	130.4
160°	140.5	140.7	141.5	142.2	141.5	140.7	140.5	137.6	133.8	131.9	130.7
162.5°	139.1	139.3	140.0	140.7	140.0	139.3	139.1	136.7	133.5	131.9	131.1
165°	137.1	137.3	138.1	138.8	138.1	137.3	137.1	135.4	133.0	131.9	131.5
167.5°	136.2	136.3	136.5	136.9	136.5	136.3	136.2	135.0	133.5	132.8	132.4
170°	136.2	136.2	136.2	136.2	136.2	136.2	136.2	135.0	133.5	132.8	132.8
172.5°	135.5	135.4	135.1	134.8	135.1	135.4	135.5	134.6	133.4	132.8	132.8
175°	134.5	134.5	134.5	134.5	134.5	134.5	134.5	133.9	133.1	132.8	133.0
177.5°	134.3	134.2	133.9	133.6	133.9	134.2	134.3	133.8	133.2	133.0	133.1
180°	133.6	133.6	133.6	133.6	133.6	133.6	133.6	133.6	133.6	133.6	133.6



TEST NUMBER: P934158

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-4-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1601.5	1601.5	1601.5	1601.5	1601.5
2.5°	1581.8	1589.4	1593.9	1600.0	1615.1
5°	1521.2	1550.0	1559.1	1581.8	1609.1
7.5°	1387.9	1475.7	1500.0	1554.5	1597.0
10°	1259.1	1347.0	1389.4	1518.2	1581.8
12.5°	1193.9	1245.5	1274.2	1454.5	1560.6
15°	1153.1	1189.4	1210.6	1369.7	1536.4
17.5°	1121.2	1147.0	1162.1	1286.4	1503.0
20°	1101.5	1113.7	1127.3	1225.8	1465.2
22.5°	1087.9	1080.3	1090.9	1183.3	1413.6
25°	1078.8	1050.0	1062.1	1150.0	1353.0
27.5°	1086.4	1022.7	1027.3	1119.7	1289.4
30°	1087.9	989.4	990.9	1087.9	1218.2
32.5°	1077.2	954.6	956.1	1048.5	1137.9
35°	1051.5	913.7	912.1	1003.0	1028.8
37.5°	1016.6	869.7	869.7	953.1	909.1
40°	974.3	825.7	830.3	887.9	803.0
42.5°	922.7	778.8	784.8	801.5	724.2
45°	866.7	733.4	737.9	677.3	663.6
47.5°	804.5	686.3	687.9	562.2	643.9
50°	730.3	637.9	631.8	481.9	642.4
52.5°	665.1	584.8	566.6	436.4	583.3
55°	601.6	528.8	489.4	401.5	540.9
57.5°	545.4	456.1	418.2	360.6	531.8
60°	493.9	384.8	356.1	316.7	487.9
62.5°	451.5	331.8	325.7	286.3	442.5
65°	406.0	295.5	293.9	260.6	375.8
67.5°	362.2	271.2	269.7	236.4	286.3
70°	315.1	245.5	242.5	210.6	212.1
72.5°	266.6	216.7	213.6	189.4	175.7
75°	218.2	183.4	181.8	165.2	142.4
77.5°	171.2	145.5	148.4	133.3	104.6
80°	122.7	106.1	109.0	95.4	78.8
82.5°	81.8	69.7	72.7	60.6	53.0
85°	45.5	39.4	40.9	31.8	24.3
87.5°	21.2	18.2	18.2	12.1	7.6
90°	3.9	2.5	2.3	1.6	0.9
92.5°	24.4	17.3	15.8	9.7	3.6
95°	59.9	33.8	31.0	19.8	8.6
97.5°	80.7	37.1	34.6	24.7	14.9
100°	88.2	39.8	37.6	28.6	19.7
102.5°	91.7	42.6	40.6	32.1	23.8
105°	94.3	46.7	44.9	38.0	30.9
107.5°	94.7	52.8	51.2	44.6	38.1
110°	94.0	56.2	54.7	48.8	42.9



TEST NUMBER: P934158

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-4-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	94.0	60.3	58.9	53.3	47.6
115°	94.9	66.5	65.2	60.0	54.8
117.5°	96.7	72.5	71.4	66.6	61.9
120°	98.0	76.0	74.9	70.5	66.0
122.5°	100.1	80.1	79.0	74.5	70.0
125°	103.0	85.5	84.4	80.3	76.2
127.5°	105.7	90.6	89.5	85.4	81.2
130°	107.8	94.0	92.8	88.4	83.9
132.5°	109.4	96.8	95.7	91.2	86.8
135°	111.2	100.0	99.0	94.9	90.9
137.5°	113.9	104.1	103.1	99.1	95.1
140°	115.5	106.9	106.0	102.2	98.6
142.5°	116.9	109.0	108.1	104.7	101.3
145°	118.7	112.1	111.4	108.3	105.4
147.5°	121.3	116.0	115.3	112.4	109.5
150°	122.7	118.1	117.5	114.8	112.2
152.5°	123.6	119.4	118.9	116.9	115.0
155°	125.5	122.4	122.0	120.5	119.1
157.5°	127.5	125.3	125.0	123.6	122.1
160°	128.4	126.7	126.4	125.3	124.2
162.5°	129.4	128.1	127.9	127.0	126.2
165°	130.7	130.2	130.0	129.2	128.5
167.5°	131.8	131.3	131.3	130.9	130.5
170°	132.7	132.7	132.6	132.2	131.9
172.5°	132.8	132.8	132.8	132.7	132.6
175°	133.3	133.6	133.6	133.6	133.6
177.5°	133.4	133.6	133.6	133.6	133.6
180°	133.6	133.6	133.6	133.6	133.6



TEST NUMBER: P934158
 CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-4-3500K

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	16.78	18.04	17.39	18.66	19.38	19.58	20.84	20.19	21.46	22.17
	3H	17.29	18.42	17.92	19.05	19.80	20.94	22.08	21.57	22.71	23.46
	4H	17.50	18.56	18.14	19.21	19.97	21.40	22.47	22.05	23.11	23.87
	6H	17.64	18.62	18.30	19.28	20.06	21.70	22.68	22.36	23.34	24.12
	8H	17.65	18.59	18.32	19.27	20.05	21.78	22.72	22.45	23.40	24.18
	12H	17.63	18.53	18.31	19.20	20.01	21.82	22.72	22.50	23.40	24.20
4H	2H	17.85	18.92	18.50	19.57	20.33	20.04	21.10	20.69	21.75	22.51
	3H	18.92	19.80	19.58	20.49	21.27	21.57	22.46	22.23	23.15	23.92
	4H	19.21	20.01	19.89	20.71	21.52	22.11	22.91	22.79	23.60	24.41
	6H	19.36	20.06	20.06	20.77	21.59	22.49	23.19	23.19	23.90	24.72
	8H	19.37	20.03	20.08	20.74	21.57	22.60	23.25	23.30	23.97	24.80
	12H	19.36	19.94	20.08	20.68	21.52	22.67	23.26	23.39	23.99	24.83
8H	4H	19.69	20.34	20.39	21.06	21.89	22.26	22.92	22.97	23.63	24.46
	6H	19.97	20.51	20.70	21.26	22.10	22.71	23.25	23.44	24.01	24.84
	8H	20.01	20.50	20.76	21.26	22.11	22.86	23.34	23.61	24.10	24.95
	12H	20.01	20.44	20.76	21.19	22.10	22.97	23.40	23.72	24.14	25.06
12H	4H	19.71	20.30	20.44	21.04	21.88	22.25	22.83	22.97	23.57	24.41
	6H	20.03	20.51	20.78	21.27	22.12	22.71	23.19	23.46	23.95	24.80
	8H	20.11	20.54	20.86	21.29	22.20	22.88	23.31	23.63	24.06	24.97