

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: P934170

Luminaire Tested: SQ4-FA-025U-125D-935-1D-UNV-STD-W-4

Issue Date: 12/17/2024

**Test Information**

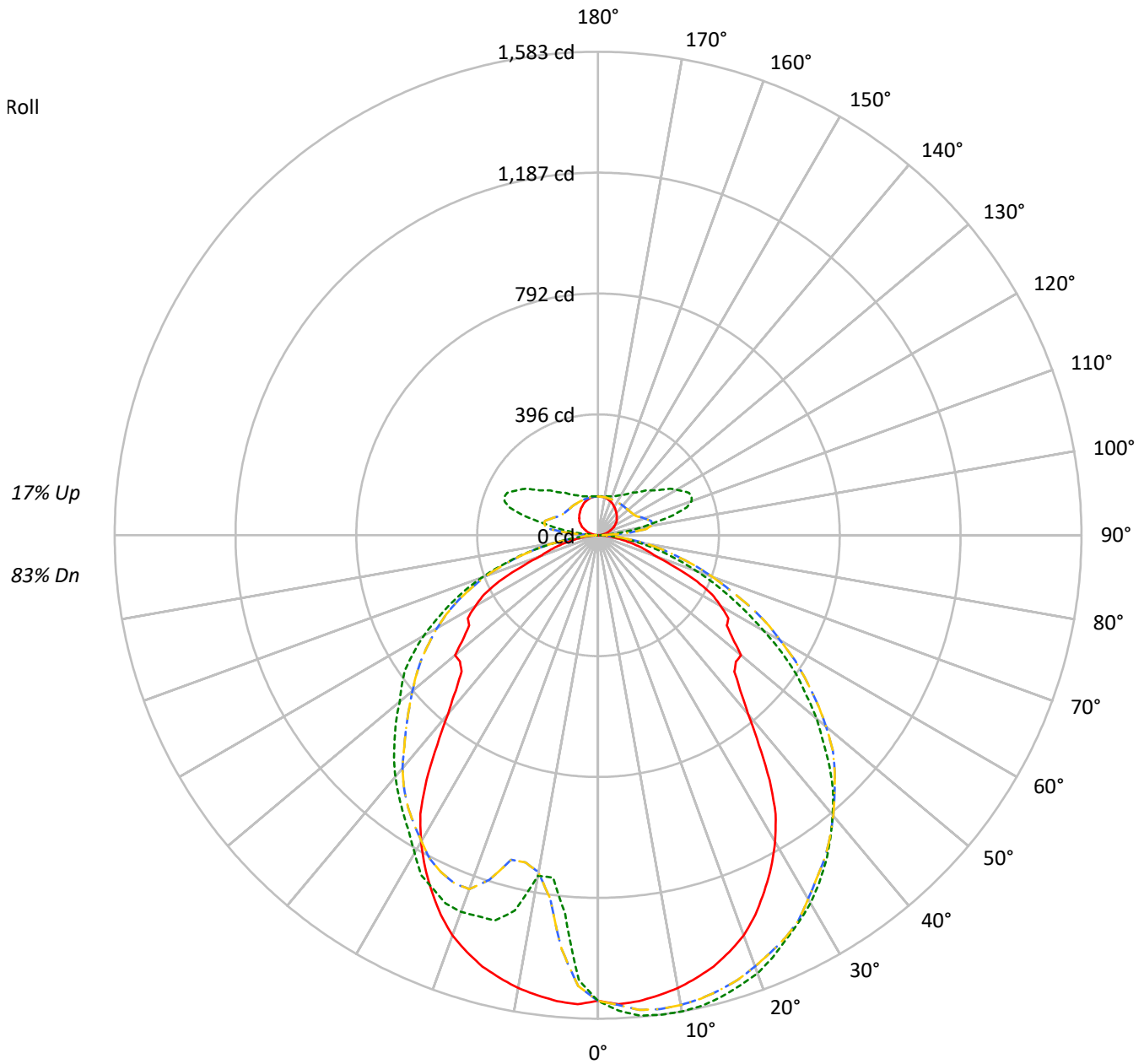
Test Method: LM-79-2019  
Report Number: P934170  
REPORT IS A COMBINATION OF REPORTS P933686 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-025U-125D-935-1D-UNV-STD-W-4  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4776.3 lumens  
Efficiency: N/A  
Efficacy: 96.3 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: P934170  
CATALOG NUMBER: SQ4-FA-025U-125D-935-1D-UNV-STD-W-4

### Luminous Intensity Polar Plot



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



TEST NUMBER: P934170

CATALOG NUMBER: SQ4-FA-025U-125D-935-1D-UNV-STD-W-4

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

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	14142	14142	14142	14142
5°	14232	14275	14232	11225
10°	14121	14062	14121	10054
15°	13951	13757	13951	11488
20°	13644	13397	13644	11512
25°	13030	12870	13030	11268
30°	12244	12433	12244	10733
35°	10899	11880	10899	10144
40°	9067	11230	9067	9699
45°	8085	10468	8085	9187
50°	8569	9559	8569	8674
55°	8041	8581	8041	8377
60°	8259	7287	8259	7673
65°	7452	6025	7452	6734
70°	5123	4801	5123	5644
75°	4447	3549	4447	4250
80°	3510	2347	3510	2555
85°	1913	1243	1913	1056

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 12415 cd/sqm



TEST NUMBER: P934170

CATALOG NUMBER: SQ4-FA-025U-125D-935-1D-UNV-STD-W-4

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	137.6	2.9
10°-20°	390.6	8.2
20°-30°	603.8	12.6
30°-40°	720.8	15.1
40°-50°	725.0	15.2
50°-60°	630.9	13.2
60°-70°	447.3	9.4
70°-80°	236.6	5.0
80°-90°	59.4	1.2
90°-100°	62.0	1.3
100°-110°	162.9	3.4
110°-120°	169.0	3.5
120°-130°	135.5	2.8
130°-140°	106.3	2.2
140°-150°	81.6	1.7
150°-160°	58.8	1.2
160°-170°	36.0	0.8
170°-180°	12.1	0.3
0°-30°	1132.0	23.7
0°-40°	1852.8	38.8
0°-60°	3208.7	67.2
0°-90°	3952.0	82.7
90°-120°	393.9	8.2
90°-150°	717.3	15.0
90°-180°	824.0	17.3
0°-180°	4776.3	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1524	1524	1524	1524	1524	
5°	1531	1579	1531	1241	1531	145
15°	1462	1564	1462	1306	1462	411
25°	1288	1459	1288	1278	1288	591
35°	979	1302	979	1112	979	606
45°	632	1073	632	942	632	506
55°	515	792	515	773	515	473
65°	358	477	358	534	358	342
75°	136	226	136	271	136	142
85°	23	58	23	49	23	31
90°	1	3	1	3	1	2
95°	8	38	8	38	8	9
105°	29	255	29	255	29	31
115°	52	328	52	328	52	51
125°	72	262	72	262	72	64
135°	86	203	86	203	86	67
145°	100	165	100	165	100	63
155°	113	142	113	142	113	52
165°	122	132	122	132	122	35
175°	127	128	127	128	127	12
180°	127	127	127	127	127	



TEST NUMBER: P934170  
 CATALOG NUMBER: SQ4-FA-025U-125D-935-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1
2.5°	1537.0	1537.0	1545.7	1548.6	1548.6	1544.2	1539.9	1544.2	1557.2	1561.5	1560.1
5°	1531.2	1542.8	1558.6	1561.5	1564.4	1563.0	1560.1	1563.0	1577.4	1580.3	1581.7
7.5°	1519.7	1541.4	1561.5	1565.9	1570.2	1565.9	1564.4	1567.3	1581.7	1584.6	1584.6
10°	1505.3	1535.6	1558.6	1561.5	1565.9	1561.5	1561.5	1567.3	1581.7	1584.6	1586.1
12.5°	1485.1	1527.0	1548.6	1551.4	1557.2	1555.8	1554.3	1560.1	1574.5	1577.4	1577.4
15°	1462.0	1511.1	1531.2	1534.1	1544.2	1541.4	1541.4	1547.1	1563.0	1567.3	1565.9
17.5°	1430.3	1490.9	1513.9	1518.3	1525.5	1524.1	1525.5	1531.2	1545.7	1548.6	1550.0
20°	1394.3	1463.5	1490.9	1495.2	1502.4	1502.4	1502.4	1509.7	1524.1	1529.9	1529.9
22.5°	1345.2	1434.7	1463.5	1466.4	1475.0	1475.0	1477.9	1488.0	1501.0	1502.4	1502.4
25°	1287.5	1402.9	1427.4	1436.1	1444.7	1449.1	1453.4	1459.1	1463.5	1462.0	1463.5
27.5°	1227.1	1362.5	1394.3	1400.0	1411.6	1415.9	1421.6	1423.1	1424.5	1428.9	1426.0
30°	1159.2	1306.3	1353.9	1359.7	1378.5	1381.3	1375.6	1378.5	1385.6	1388.5	1391.4
32.5°	1082.8	1222.7	1312.1	1325.0	1342.4	1333.7	1332.3	1336.6	1348.1	1348.1	1351.0
35°	979.0	1157.8	1273.1	1284.7	1297.7	1287.5	1293.3	1294.8	1302.0	1306.3	1304.9
37.5°	865.1	1101.6	1232.8	1241.4	1251.5	1238.6	1247.2	1251.5	1257.3	1254.4	1254.4
40°	764.2	1013.6	1185.2	1191.0	1199.6	1189.6	1198.2	1201.1	1204.0	1201.1	1199.6
42.5°	689.2	917.0	1134.8	1141.9	1136.1	1143.4	1146.3	1152.1	1147.7	1141.9	1141.9
45°	631.5	891.1	1079.9	1088.6	1079.9	1091.5	1095.8	1095.8	1082.8	1079.9	1078.5
47.5°	612.8	839.1	1025.1	1025.1	1020.9	1035.3	1042.4	1032.4	1019.4	1015.1	1015.1
50°	611.3	781.5	950.2	944.4	964.6	981.9	974.7	964.6	954.5	938.6	938.6
52.5°	555.1	710.8	853.6	875.2	907.0	917.0	905.5	895.4	878.1	870.9	865.1
55°	514.8	637.3	765.6	808.9	842.0	855.0	833.4	823.3	797.4	793.0	790.1
57.5°	506.1	530.6	684.9	739.7	780.0	778.6	765.6	746.9	725.2	721.0	719.5
60°	464.3	383.6	598.4	663.3	705.0	700.8	689.2	671.9	651.7	648.8	646.0
62.5°	421.1	278.3	500.3	573.8	633.0	631.5	621.4	595.5	581.1	573.8	568.1
65°	357.6	233.6	356.1	477.3	562.3	565.2	543.6	524.8	509.0	500.3	498.8
67.5°	272.5	190.3	240.8	398.0	494.6	491.7	464.3	455.6	435.5	431.1	422.5
70°	201.8	126.9	167.2	323.0	428.2	421.1	399.4	389.3	370.5	360.5	354.7
72.5°	167.2	102.4	122.5	250.9	360.5	351.8	333.0	321.5	305.7	297.0	291.2
75°	135.6	108.1	93.7	186.0	292.7	287.0	269.7	258.1	245.1	233.6	235.0
77.5°	99.5	101.0	75.0	137.0	232.2	223.5	213.4	198.9	193.2	181.6	181.6
80°	75.0	79.3	56.2	93.7	167.2	167.2	158.6	148.5	138.4	132.7	132.7
82.5°	50.4	50.4	41.8	59.1	113.9	109.6	103.8	101.0	95.2	92.3	92.3
85°	23.1	28.8	26.0	36.0	62.0	64.9	64.9	62.0	60.6	57.7	59.1
87.5°	7.2	13.0	15.8	20.2	31.7	33.1	34.6	34.6	34.6	36.0	36.0
90°	0.9	1.5	2.2	2.4	3.7	5.5	6.5	5.8	4.3	3.2	3.2
92.5°	3.4	9.2	15.0	16.4	23.2	32.1	36.6	32.0	23.0	16.2	15.5
95°	8.2	18.8	29.5	32.1	57.0	90.1	106.8	95.3	72.2	55.0	53.1
97.5°	14.1	23.5	32.9	35.3	76.8	132.1	159.8	152.5	137.9	127.0	123.3
100°	18.7	27.3	35.8	37.9	83.9	145.4	176.0	176.5	177.6	178.4	174.0
102.5°	22.7	30.6	38.6	40.6	87.2	149.5	180.6	189.9	208.4	222.3	218.5
105°	29.4	36.1	42.8	44.5	89.7	150.0	180.1	200.9	242.4	273.5	271.4
107.5°	36.2	42.4	48.7	50.3	90.1	143.3	169.9	198.9	256.7	300.2	300.7
110°	40.8	46.4	52.1	53.5	89.5	137.4	161.4	193.7	258.4	307.0	309.1



TEST NUMBER: P934170

CATALOG NUMBER: SQ4-FA-025U-125D-935-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	45.3	50.7	56.1	57.4	89.5	132.2	153.6	186.8	253.0	302.6	305.9
115°	52.1	57.1	62.0	63.3	90.3	126.4	144.3	176.2	240.0	287.8	292.3
117.5°	58.9	63.4	67.9	69.0	92.0	122.6	137.9	166.7	224.2	267.4	272.5
120°	62.8	67.1	71.3	72.3	93.3	121.3	135.3	161.6	214.3	253.7	258.6
122.5°	66.6	70.9	75.1	76.3	95.3	120.6	133.3	157.0	204.4	239.9	244.7
125°	72.5	76.4	80.3	81.4	98.0	120.1	131.2	151.3	191.6	221.8	226.2
127.5°	77.3	81.3	85.2	86.2	100.6	119.8	129.4	146.7	181.3	207.2	211.0
130°	79.8	84.1	88.4	89.5	102.6	120.0	128.7	144.2	174.9	198.0	201.4
132.5°	82.6	86.8	91.1	92.1	104.1	120.1	128.1	141.9	169.5	190.2	193.2
135°	86.5	90.3	94.2	95.2	105.8	120.0	127.1	138.6	161.7	179.0	181.6
137.5°	90.5	94.3	98.2	99.1	108.4	120.7	126.9	136.7	156.2	170.8	173.0
140°	93.8	97.3	100.9	101.7	109.9	120.9	126.4	134.8	151.7	164.3	166.3
142.5°	96.4	99.6	102.8	103.7	111.3	121.3	126.4	133.8	148.6	159.7	161.5
145°	100.3	103.1	106.0	106.7	113.0	121.3	125.5	131.5	143.6	152.8	154.1
147.5°	104.2	106.9	109.7	110.4	115.4	122.2	125.5	130.3	139.8	147.0	148.1
150°	106.8	109.2	111.8	112.4	116.7	122.6	125.5	129.5	137.6	143.6	144.5
152.5°	109.4	111.3	113.1	113.7	117.6	122.9	125.5	128.9	135.8	141.0	141.7
155°	113.3	114.7	116.1	116.5	119.5	123.5	125.5	128.2	133.8	137.9	138.3
157.5°	116.2	117.6	118.9	119.3	121.3	124.1	125.5	127.6	131.9	135.0	135.4
160°	118.2	119.2	120.3	120.6	122.2	124.4	125.5	127.3	131.0	133.7	133.8
162.5°	120.1	120.9	121.8	121.9	123.1	124.7	125.5	127.0	130.1	132.4	132.6
165°	122.3	122.9	123.7	123.9	124.4	125.2	125.5	126.6	128.8	130.4	130.6
167.5°	124.2	124.6	124.9	125.0	125.4	126.0	126.4	127.0	128.5	129.6	129.7
170°	125.5	125.8	126.2	126.3	126.3	126.4	126.4	127.0	128.5	129.6	129.6
172.5°	126.2	126.3	126.4	126.4	126.4	126.4	126.4	126.9	128.1	128.9	128.8
175°	127.1	127.1	127.1	127.1	126.9	126.5	126.4	126.7	127.5	128.0	128.0
177.5°	127.1	127.1	127.1	127.1	126.9	126.7	126.5	126.8	127.4	127.8	127.7
180°	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1



TEST NUMBER: P934170

CATALOG NUMBER: SQ4-FA-025U-125D-935-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1
2.5°	1563.0	1558.6	1563.0	1560.1	1561.5	1557.2	1544.2	1539.9	1544.2	1548.6	1548.6
5°	1581.7	1578.8	1581.7	1581.7	1580.3	1577.4	1563.0	1560.1	1563.0	1564.4	1561.5
7.5°	1587.4	1583.2	1587.4	1584.6	1584.6	1581.7	1567.3	1564.4	1565.9	1570.2	1565.9
10°	1587.4	1583.2	1587.4	1586.1	1584.6	1581.7	1567.3	1561.5	1561.5	1565.9	1561.5
12.5°	1580.3	1577.4	1580.3	1577.4	1577.4	1574.5	1560.1	1554.3	1555.8	1557.2	1551.4
15°	1568.7	1564.4	1568.7	1565.9	1567.3	1563.0	1547.1	1541.4	1541.4	1544.2	1534.1
17.5°	1551.4	1545.7	1551.4	1550.0	1548.6	1545.7	1531.2	1525.5	1524.1	1525.5	1518.3
20°	1531.2	1527.0	1531.2	1529.9	1529.9	1524.1	1509.7	1502.4	1502.4	1502.4	1495.2
22.5°	1499.5	1495.2	1499.5	1502.4	1502.4	1501.0	1488.0	1477.9	1475.0	1475.0	1466.4
25°	1463.5	1459.1	1463.5	1463.5	1462.0	1463.5	1459.1	1453.4	1449.1	1444.7	1436.1
27.5°	1428.9	1426.0	1428.9	1426.0	1428.9	1424.5	1423.1	1421.6	1415.9	1411.6	1400.0
30°	1394.3	1391.4	1394.3	1391.4	1388.5	1385.6	1378.5	1375.6	1381.3	1378.5	1359.7
32.5°	1351.0	1348.1	1351.0	1351.0	1348.1	1348.1	1336.6	1332.3	1333.7	1342.4	1325.0
35°	1306.3	1302.0	1306.3	1304.9	1306.3	1302.0	1294.8	1293.3	1287.5	1297.7	1284.7
37.5°	1254.4	1250.1	1254.4	1254.4	1254.4	1257.3	1251.5	1247.2	1238.6	1251.5	1241.4
40°	1201.1	1195.3	1201.1	1199.6	1201.1	1204.0	1201.1	1198.2	1189.6	1199.6	1191.0
42.5°	1140.5	1139.0	1140.5	1141.9	1141.9	1147.7	1152.1	1146.3	1143.4	1136.1	1141.9
45°	1075.6	1072.8	1075.6	1078.5	1079.9	1082.8	1095.8	1095.8	1091.5	1079.9	1088.6
47.5°	1006.4	999.2	1006.4	1015.1	1015.1	1019.4	1032.4	1042.4	1035.3	1020.9	1025.1
50°	932.9	934.3	932.9	938.6	938.6	954.5	964.6	974.7	981.9	964.6	944.4
52.5°	860.8	859.3	860.8	865.1	870.9	878.1	895.4	905.5	917.0	907.0	875.2
55°	788.7	791.6	788.7	790.1	793.0	797.4	823.3	833.4	855.0	842.0	808.9
57.5°	716.6	712.3	716.6	719.5	721.0	725.2	746.9	765.6	778.6	780.0	739.7
60°	633.0	627.2	633.0	646.0	648.8	651.7	671.9	689.2	700.8	705.0	663.3
62.5°	559.4	549.4	559.4	568.1	573.8	581.1	595.5	621.4	631.5	633.0	573.8
65°	481.6	477.3	481.6	498.8	500.3	509.0	524.8	543.6	565.2	562.3	477.3
67.5°	410.9	410.9	410.9	422.5	431.1	435.5	455.6	464.3	491.7	494.6	398.0
70°	346.1	344.6	346.1	354.7	360.5	370.5	389.3	399.4	421.1	428.2	323.0
72.5°	284.1	282.6	284.1	291.2	297.0	305.7	321.5	333.0	351.8	360.5	250.9
75°	229.3	226.4	229.3	235.0	233.6	245.1	258.1	269.7	287.0	292.7	186.0
77.5°	175.9	175.9	175.9	181.6	181.6	193.2	198.9	213.4	223.5	232.2	137.0
80°	131.2	129.8	131.2	132.7	132.7	138.4	148.5	158.6	167.2	167.2	93.7
82.5°	92.3	89.4	92.3	92.3	92.3	95.2	101.0	103.8	109.6	113.9	59.1
85°	57.7	57.7	57.7	59.1	57.7	60.6	62.0	64.9	64.9	62.0	36.0
87.5°	37.5	36.0	37.5	36.0	36.0	34.6	34.6	34.6	33.1	31.7	20.2
90°	3.2	3.2	3.2	3.2	3.2	4.3	5.8	6.5	5.5	3.7	2.4
92.5°	13.0	10.4	13.0	15.5	16.2	23.0	32.0	36.6	32.1	23.2	16.4
95°	45.3	37.5	45.3	53.1	55.0	72.2	95.3	106.8	90.1	57.0	32.1
97.5°	108.5	93.6	108.5	123.3	127.0	137.9	152.5	159.8	132.1	76.8	35.3
100°	156.3	138.6	156.3	174.0	178.4	177.6	176.5	176.0	145.4	83.9	37.9
102.5°	203.3	188.1	203.3	218.5	222.3	208.4	189.9	180.6	149.5	87.2	40.6
105°	263.4	255.2	263.4	271.4	273.5	242.4	200.9	180.1	150.0	89.7	44.5
107.5°	302.6	304.6	302.6	300.7	300.2	256.7	198.9	169.9	143.3	90.1	50.3
110°	317.5	326.1	317.5	309.1	307.0	258.4	193.7	161.4	137.4	89.5	53.5





TEST NUMBER: P934170

CATALOG NUMBER: SQ4-FA-025U-125D-935-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	318.9	331.9	318.9	305.9	302.6	253.0	186.8	153.6	132.2	89.5	57.4
115°	310.5	328.5	310.5	292.3	287.8	240.0	176.2	144.3	126.4	90.3	63.3
117.5°	292.5	312.6	292.5	272.5	267.4	224.2	166.7	137.9	122.6	92.0	69.0
120°	278.1	297.5	278.1	258.6	253.7	214.3	161.6	135.3	121.3	93.3	72.3
122.5°	263.9	283.2	263.9	244.7	239.9	204.4	157.0	133.3	120.6	95.3	76.3
125°	243.9	261.6	243.9	226.2	221.8	191.6	151.3	131.2	120.1	98.0	81.4
127.5°	225.9	240.8	225.9	211.0	207.2	181.3	146.7	129.4	119.8	100.6	86.2
130°	215.2	229.0	215.2	201.4	198.0	174.9	144.2	128.7	120.0	102.6	89.5
132.5°	205.6	217.9	205.6	193.2	190.2	169.5	141.9	128.1	120.1	104.1	92.1
135°	192.4	203.0	192.4	181.6	179.0	161.7	138.6	127.1	120.0	105.8	95.2
137.5°	181.7	190.5	181.7	173.0	170.8	156.2	136.7	126.9	120.7	108.4	99.1
140°	174.4	182.6	174.4	166.3	164.3	151.7	134.8	126.4	120.9	109.9	101.7
142.5°	168.4	175.4	168.4	161.5	159.7	148.6	133.8	126.4	121.3	111.3	103.7
145°	159.4	164.7	159.4	154.1	152.8	143.6	131.5	125.5	121.3	113.0	106.7
147.5°	152.4	156.9	152.4	148.1	147.0	139.8	130.3	125.5	122.2	115.4	110.4
150°	148.1	151.7	148.1	144.5	143.6	137.6	129.5	125.5	122.6	116.7	112.4
152.5°	144.3	147.1	144.3	141.7	141.0	135.8	128.9	125.5	122.9	117.6	113.7
155°	140.1	141.9	140.1	138.3	137.9	133.8	128.2	125.5	123.5	119.5	116.5
157.5°	136.7	137.9	136.7	135.4	135.0	131.9	127.6	125.5	124.1	121.3	119.3
160°	134.6	135.3	134.6	133.8	133.7	131.0	127.3	125.5	124.4	122.2	120.6
162.5°	133.3	133.9	133.3	132.6	132.4	130.1	127.0	125.5	124.7	123.1	121.9
165°	131.4	132.1	131.4	130.6	130.4	128.8	126.6	125.5	125.2	124.4	123.9
167.5°	129.9	130.3	129.9	129.7	129.6	128.5	127.0	126.4	126.0	125.4	125.0
170°	129.6	129.6	129.6	129.6	129.6	128.5	127.0	126.4	126.4	126.3	126.3
172.5°	128.6	128.3	128.6	128.8	128.9	128.1	126.9	126.4	126.4	126.4	126.4
175°	128.0	128.0	128.0	128.0	128.0	127.5	126.7	126.4	126.5	126.9	127.1
177.5°	127.5	127.1	127.5	127.7	127.8	127.4	126.8	126.5	126.7	126.9	127.1
180°	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1



TEST NUMBER: P934170  
 CATALOG NUMBER: SQ4-FA-025U-125D-935-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1
2.5°	1545.7	1537.0	1537.0	1522.6	1516.8	1512.5	1505.3	1483.7	1477.9	1472.2	1480.8
5°	1558.6	1542.8	1531.2	1505.3	1483.7	1475.0	1447.6	1395.7	1361.2	1335.2	1320.8
7.5°	1561.5	1541.4	1519.7	1479.3	1427.4	1404.4	1320.8	1225.6	1199.6	1176.5	1162.1
10°	1558.6	1535.6	1505.3	1444.7	1322.2	1281.8	1198.2	1136.1	1120.3	1116.0	1120.3
12.5°	1548.6	1527.0	1485.1	1384.2	1212.6	1185.2	1136.1	1100.1	1097.3	1104.4	1143.4
15°	1531.2	1511.1	1462.0	1303.5	1152.1	1131.9	1097.3	1084.3	1100.1	1150.6	1267.4
17.5°	1513.9	1490.9	1430.3	1224.2	1105.9	1091.5	1067.0	1092.9	1182.3	1250.1	1289.0
20°	1490.9	1463.5	1394.3	1166.5	1072.8	1059.8	1048.2	1165.0	1232.8	1257.3	1278.9
22.5°	1463.5	1434.7	1345.2	1126.1	1038.2	1028.0	1035.3	1205.4	1232.8	1250.1	1268.8
25°	1427.4	1402.9	1287.5	1094.4	1010.7	999.2	1026.6	1201.1	1216.9	1221.3	1258.7
27.5°	1394.3	1362.5	1227.1	1065.5	977.6	973.2	1033.8	1182.3	1193.8	1198.2	1238.6
30°	1353.9	1306.3	1159.2	1035.3	943.0	941.5	1035.3	1159.2	1156.3	1167.9	1208.3
32.5°	1312.1	1222.7	1082.8	997.8	909.9	908.4	1025.1	1124.6	1121.7	1137.6	1167.9
35°	1273.1	1157.8	979.0	954.5	868.0	869.5	1000.7	1084.3	1085.7	1100.1	1118.8
37.5°	1232.8	1101.6	865.1	907.0	827.6	827.6	967.4	1046.8	1043.9	1048.2	1074.2
40°	1185.2	1013.6	764.2	844.9	790.1	785.8	927.1	1006.4	996.3	994.9	1030.9
42.5°	1134.8	917.0	689.2	762.7	746.9	741.2	878.1	957.4	938.6	943.0	989.1
45°	1079.9	891.1	631.5	644.5	702.2	697.9	824.7	901.2	888.2	899.7	947.3
47.5°	1025.1	839.1	612.8	535.0	654.6	653.1	765.6	846.4	839.1	850.7	901.2
50°	950.2	781.5	611.3	458.5	601.3	607.0	695.0	793.0	793.0	803.1	856.4
52.5°	853.6	710.8	555.1	415.3	539.2	556.5	633.0	746.9	749.8	759.9	807.4
55°	765.6	637.3	514.8	382.1	465.7	503.2	572.5	699.3	705.0	715.2	758.5
57.5°	684.9	530.6	506.1	343.2	398.0	434.0	519.0	653.1	656.0	664.7	706.5
60°	598.4	383.6	464.3	301.4	338.8	366.2	470.0	598.4	608.5	614.2	650.2
62.5°	500.3	278.3	421.1	272.5	310.0	315.8	429.7	546.5	559.4	563.8	585.4
65°	356.1	233.6	357.6	248.0	279.7	281.2	386.4	493.1	504.6	511.9	527.7
67.5°	240.8	190.3	272.5	224.9	256.6	258.1	344.6	431.1	447.0	452.8	462.8
70°	167.2	126.9	201.8	200.4	230.7	233.6	299.9	374.9	389.3	393.6	399.4
72.5°	122.5	102.4	167.2	180.2	203.3	206.2	253.7	311.4	325.9	330.2	333.0
75°	93.7	108.1	135.6	157.2	173.0	174.5	207.6	253.7	263.9	266.8	268.2
77.5°	75.0	101.0	99.5	126.9	141.3	138.4	162.9	196.1	204.7	204.7	204.7
80°	56.2	79.3	75.0	90.8	103.8	101.0	116.8	139.9	142.7	145.6	144.2
82.5°	41.8	50.4	50.4	57.7	69.2	66.3	77.9	90.8	90.8	90.8	93.7
85°	26.0	28.8	23.1	30.2	38.9	37.5	43.3	49.0	50.4	50.4	47.5
87.5°	15.8	13.0	7.2	11.5	17.3	17.3	20.2	21.6	20.2	20.2	20.2
90°	2.2	1.5	0.9	1.5	2.2	2.4	3.7	5.5	6.5	5.8	4.3
92.5°	15.0	9.2	3.4	9.2	15.0	16.4	23.2	32.1	36.6	32.0	23.0
95°	29.5	18.8	8.2	18.8	29.5	32.1	57.0	90.1	106.8	95.3	72.2
97.5°	32.9	23.5	14.1	23.5	32.9	35.3	76.8	132.1	159.8	152.5	137.9
100°	35.8	27.3	18.7	27.3	35.8	37.9	83.9	145.4	176.0	176.5	177.6
102.5°	38.6	30.6	22.7	30.6	38.6	40.6	87.2	149.5	180.6	189.9	208.4
105°	42.8	36.1	29.4	36.1	42.8	44.5	89.7	150.0	180.1	200.9	242.4
107.5°	48.7	42.4	36.2	42.4	48.7	50.3	90.1	143.3	169.9	198.9	256.7
110°	52.1	46.4	40.8	46.4	52.1	53.5	89.5	137.4	161.4	193.7	258.4



TEST NUMBER: P934170

CATALOG NUMBER: SQ4-FA-025U-125D-935-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	56.1	50.7	45.3	50.7	56.1	57.4	89.5	132.2	153.6	186.8	253.0
115°	62.0	57.1	52.1	57.1	62.0	63.3	90.3	126.4	144.3	176.2	240.0
117.5°	67.9	63.4	58.9	63.4	67.9	69.0	92.0	122.6	137.9	166.7	224.2
120°	71.3	67.1	62.8	67.1	71.3	72.3	93.3	121.3	135.3	161.6	214.3
122.5°	75.1	70.9	66.6	70.9	75.1	76.3	95.3	120.6	133.3	157.0	204.4
125°	80.3	76.4	72.5	76.4	80.3	81.4	98.0	120.1	131.2	151.3	191.6
127.5°	85.2	81.3	77.3	81.3	85.2	86.2	100.6	119.8	129.4	146.7	181.3
130°	88.4	84.1	79.8	84.1	88.4	89.5	102.6	120.0	128.7	144.2	174.9
132.5°	91.1	86.8	82.6	86.8	91.1	92.1	104.1	120.1	128.1	141.9	169.5
135°	94.2	90.3	86.5	90.3	94.2	95.2	105.8	120.0	127.1	138.6	161.7
137.5°	98.2	94.3	90.5	94.3	98.2	99.1	108.4	120.7	126.9	136.7	156.2
140°	100.9	97.3	93.8	97.3	100.9	101.7	109.9	120.9	126.4	134.8	151.7
142.5°	102.8	99.6	96.4	99.6	102.8	103.7	111.3	121.3	126.4	133.8	148.6
145°	106.0	103.1	100.3	103.1	106.0	106.7	113.0	121.3	125.5	131.5	143.6
147.5°	109.7	106.9	104.2	106.9	109.7	110.4	115.4	122.2	125.5	130.3	139.8
150°	111.8	109.2	106.8	109.2	111.8	112.4	116.7	122.6	125.5	129.5	137.6
152.5°	113.1	111.3	109.4	111.3	113.1	113.7	117.6	122.9	125.5	128.9	135.8
155°	116.1	114.7	113.3	114.7	116.1	116.5	119.5	123.5	125.5	128.2	133.8
157.5°	118.9	117.6	116.2	117.6	118.9	119.3	121.3	124.1	125.5	127.6	131.9
160°	120.3	119.2	118.2	119.2	120.3	120.6	122.2	124.4	125.5	127.3	131.0
162.5°	121.8	120.9	120.1	120.9	121.8	121.9	123.1	124.7	125.5	127.0	130.1
165°	123.7	122.9	122.3	122.9	123.7	123.9	124.4	125.2	125.5	126.6	128.8
167.5°	124.9	124.6	124.2	124.6	124.9	125.0	125.4	126.0	126.4	127.0	128.5
170°	126.2	125.8	125.5	125.8	126.2	126.3	126.3	126.4	126.4	127.0	128.5
172.5°	126.4	126.3	126.2	126.3	126.4	126.4	126.4	126.4	126.4	126.9	128.1
175°	127.1	127.1	127.1	127.1	127.1	127.1	126.9	126.5	126.4	126.7	127.5
177.5°	127.1	127.1	127.1	127.1	127.1	127.1	126.9	126.7	126.5	126.8	127.4
180°	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1



TEST NUMBER: P934170  
 CATALOG NUMBER: SQ4-FA-025U-125D-935-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1
2.5°	1470.7	1466.4	1472.2	1456.2	1472.2	1466.4	1470.7	1480.8	1472.2	1477.9	1483.7
5°	1290.4	1283.3	1260.2	1241.4	1260.2	1283.3	1290.4	1320.8	1335.2	1361.2	1395.7
7.5°	1153.5	1147.7	1141.9	1130.4	1141.9	1147.7	1153.5	1162.1	1176.5	1199.6	1225.6
10°	1123.2	1124.6	1133.3	1131.9	1133.3	1124.6	1123.2	1120.3	1116.0	1120.3	1136.1
12.5°	1201.1	1214.0	1261.6	1258.7	1261.6	1214.0	1201.1	1143.4	1104.4	1097.3	1100.1
15°	1290.4	1294.8	1304.9	1306.3	1304.9	1294.8	1290.4	1267.4	1150.6	1100.1	1084.3
17.5°	1299.1	1300.6	1307.7	1307.7	1307.7	1300.6	1299.1	1289.0	1250.1	1182.3	1092.9
20°	1291.9	1294.8	1309.2	1312.1	1309.2	1294.8	1291.9	1278.9	1257.3	1232.8	1165.0
22.5°	1289.0	1294.8	1306.3	1304.9	1306.3	1294.8	1289.0	1268.8	1250.1	1232.8	1205.4
25°	1274.6	1274.6	1276.0	1277.5	1276.0	1274.6	1274.6	1258.7	1221.3	1216.9	1201.1
27.5°	1244.3	1247.2	1255.8	1254.4	1255.8	1247.2	1244.3	1238.6	1198.2	1193.8	1182.3
30°	1216.9	1214.0	1206.9	1201.1	1206.9	1214.0	1216.9	1208.3	1167.9	1156.3	1159.2
32.5°	1170.8	1163.6	1156.3	1152.1	1156.3	1163.6	1170.8	1167.9	1137.6	1121.7	1124.6
35°	1116.0	1117.4	1116.0	1111.7	1116.0	1117.4	1116.0	1118.8	1100.1	1085.7	1084.3
37.5°	1077.1	1079.9	1078.5	1072.8	1078.5	1079.9	1077.1	1074.2	1048.2	1043.9	1046.8
40°	1036.7	1038.2	1036.7	1032.4	1036.7	1038.2	1036.7	1030.9	994.9	996.3	1006.4
42.5°	997.8	996.3	992.0	989.1	992.0	996.3	997.8	989.1	943.0	938.6	957.4
45°	953.0	954.5	945.9	941.5	945.9	954.5	953.0	947.3	899.7	888.2	901.2
47.5°	908.4	908.4	901.2	896.8	901.2	908.4	908.4	901.2	850.7	839.1	846.4
50°	860.8	859.3	849.3	847.8	849.3	859.3	860.8	856.4	803.1	793.0	793.0
52.5°	806.0	806.0	807.4	810.3	807.4	806.0	806.0	807.4	759.9	749.8	746.9
55°	758.5	759.9	770.0	772.8	770.0	759.9	758.5	758.5	715.2	705.0	699.3
57.5°	709.4	709.4	716.6	716.6	716.6	709.4	709.4	706.5	664.7	656.0	653.1
60°	653.1	656.0	661.8	660.4	661.8	656.0	653.1	650.2	614.2	608.5	598.4
62.5°	594.0	596.9	598.4	595.5	598.4	596.9	594.0	585.4	563.8	559.4	546.5
65°	532.1	535.0	536.3	533.5	536.3	535.0	532.1	527.7	511.9	504.6	493.1
67.5°	468.6	467.2	465.7	471.5	465.7	467.2	468.6	462.8	452.8	447.0	431.1
70°	403.7	403.7	402.3	405.1	402.3	403.7	403.7	399.4	393.6	389.3	374.9
72.5°	334.5	333.0	338.8	334.5	338.8	333.0	334.5	333.0	330.2	325.9	311.4
75°	266.8	269.7	266.8	271.1	266.8	269.7	266.8	268.2	266.8	263.9	253.7
77.5°	203.3	206.2	203.3	203.3	203.3	206.2	203.3	204.7	204.7	204.7	196.1
80°	144.2	142.7	142.7	141.3	142.7	142.7	144.2	144.2	145.6	142.7	139.9
82.5°	92.3	90.8	90.8	93.7	90.8	90.8	92.3	93.7	90.8	90.8	90.8
85°	50.4	51.9	49.0	49.0	49.0	51.9	50.4	47.5	50.4	50.4	49.0
87.5°	18.7	17.3	17.3	17.3	17.3	17.3	18.7	20.2	20.2	20.2	21.6
90°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	4.3	5.8	6.5	5.5
92.5°	16.2	15.5	13.0	10.4	13.0	15.5	16.2	23.0	32.0	36.6	32.1
95°	55.0	53.1	45.3	37.5	45.3	53.1	55.0	72.2	95.3	106.8	90.1
97.5°	127.0	123.3	108.5	93.6	108.5	123.3	127.0	137.9	152.5	159.8	132.1
100°	178.4	174.0	156.3	138.6	156.3	174.0	178.4	177.6	176.5	176.0	145.4
102.5°	222.3	218.5	203.3	188.1	203.3	218.5	222.3	208.4	189.9	180.6	149.5
105°	273.5	271.4	263.4	255.2	263.4	271.4	273.5	242.4	200.9	180.1	150.0
107.5°	300.2	300.7	302.6	304.6	302.6	300.7	300.2	256.7	198.9	169.9	143.3
110°	307.0	309.1	317.5	326.1	317.5	309.1	307.0	258.4	193.7	161.4	137.4



TEST NUMBER: P934170

CATALOG NUMBER: SQ4-FA-025U-125D-935-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	302.6	305.9	318.9	331.9	318.9	305.9	302.6	253.0	186.8	153.6	132.2
115°	287.8	292.3	310.5	328.5	310.5	292.3	287.8	240.0	176.2	144.3	126.4
117.5°	267.4	272.5	292.5	312.6	292.5	272.5	267.4	224.2	166.7	137.9	122.6
120°	253.7	258.6	278.1	297.5	278.1	258.6	253.7	214.3	161.6	135.3	121.3
122.5°	239.9	244.7	263.9	283.2	263.9	244.7	239.9	204.4	157.0	133.3	120.6
125°	221.8	226.2	243.9	261.6	243.9	226.2	221.8	191.6	151.3	131.2	120.1
127.5°	207.2	211.0	225.9	240.8	225.9	211.0	207.2	181.3	146.7	129.4	119.8
130°	198.0	201.4	215.2	229.0	215.2	201.4	198.0	174.9	144.2	128.7	120.0
132.5°	190.2	193.2	205.6	217.9	205.6	193.2	190.2	169.5	141.9	128.1	120.1
135°	179.0	181.6	192.4	203.0	192.4	181.6	179.0	161.7	138.6	127.1	120.0
137.5°	170.8	173.0	181.7	190.5	181.7	173.0	170.8	156.2	136.7	126.9	120.7
140°	164.3	166.3	174.4	182.6	174.4	166.3	164.3	151.7	134.8	126.4	120.9
142.5°	159.7	161.5	168.4	175.4	168.4	161.5	159.7	148.6	133.8	126.4	121.3
145°	152.8	154.1	159.4	164.7	159.4	154.1	152.8	143.6	131.5	125.5	121.3
147.5°	147.0	148.1	152.4	156.9	152.4	148.1	147.0	139.8	130.3	125.5	122.2
150°	143.6	144.5	148.1	151.7	148.1	144.5	143.6	137.6	129.5	125.5	122.6
152.5°	141.0	141.7	144.3	147.1	144.3	141.7	141.0	135.8	128.9	125.5	122.9
155°	137.9	138.3	140.1	141.9	140.1	138.3	137.9	133.8	128.2	125.5	123.5
157.5°	135.0	135.4	136.7	137.9	136.7	135.4	135.0	131.9	127.6	125.5	124.1
160°	133.7	133.8	134.6	135.3	134.6	133.8	133.7	131.0	127.3	125.5	124.4
162.5°	132.4	132.6	133.3	133.9	133.3	132.6	132.4	130.1	127.0	125.5	124.7
165°	130.4	130.6	131.4	132.1	131.4	130.6	130.4	128.8	126.6	125.5	125.2
167.5°	129.6	129.7	129.9	130.3	129.9	129.7	129.6	128.5	127.0	126.4	126.0
170°	129.6	129.6	129.6	129.6	129.6	129.6	129.6	128.5	127.0	126.4	126.4
172.5°	128.9	128.8	128.6	128.3	128.6	128.8	128.9	128.1	126.9	126.4	126.4
175°	128.0	128.0	128.0	128.0	128.0	128.0	128.0	127.5	126.7	126.4	126.5
177.5°	127.8	127.7	127.5	127.1	127.5	127.7	127.8	127.4	126.8	126.5	126.7
180°	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1



TEST NUMBER: P934170  
 CATALOG NUMBER: SQ4-FA-025U-125D-935-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1524.1	1524.1	1524.1	1524.1	1524.1
2.5°	1505.3	1512.5	1516.8	1522.6	1537.0
5°	1447.6	1475.0	1483.7	1505.3	1531.2
7.5°	1320.8	1404.4	1427.4	1479.3	1519.7
10°	1198.2	1281.8	1322.2	1444.7	1505.3
12.5°	1136.1	1185.2	1212.6	1384.2	1485.1
15°	1097.3	1131.9	1152.1	1303.5	1462.0
17.5°	1067.0	1091.5	1105.9	1224.2	1430.3
20°	1048.2	1059.8	1072.8	1166.5	1394.3
22.5°	1035.3	1028.0	1038.2	1126.1	1345.2
25°	1026.6	999.2	1010.7	1094.4	1287.5
27.5°	1033.8	973.2	977.6	1065.5	1227.1
30°	1035.3	941.5	943.0	1035.3	1159.2
32.5°	1025.1	908.4	909.9	997.8	1082.8
35°	1000.7	869.5	868.0	954.5	979.0
37.5°	967.4	827.6	827.6	907.0	865.1
40°	927.1	785.8	790.1	844.9	764.2
42.5°	878.1	741.2	746.9	762.7	689.2
45°	824.7	697.9	702.2	644.5	631.5
47.5°	765.6	653.1	654.6	535.0	612.8
50°	695.0	607.0	601.3	458.5	611.3
52.5°	633.0	556.5	539.2	415.3	555.1
55°	572.5	503.2	465.7	382.1	514.8
57.5°	519.0	434.0	398.0	343.2	506.1
60°	470.0	366.2	338.8	301.4	464.3
62.5°	429.7	315.8	310.0	272.5	421.1
65°	386.4	281.2	279.7	248.0	357.6
67.5°	344.6	258.1	256.6	224.9	272.5
70°	299.9	233.6	230.7	200.4	201.8
72.5°	253.7	206.2	203.3	180.2	167.2
75°	207.6	174.5	173.0	157.2	135.6
77.5°	162.9	138.4	141.3	126.9	99.5
80°	116.8	101.0	103.8	90.8	75.0
82.5°	77.9	66.3	69.2	57.7	50.4
85°	43.3	37.5	38.9	30.2	23.1
87.5°	20.2	17.3	17.3	11.5	7.2
90°	3.7	2.4	2.2	1.5	0.9
92.5°	23.2	16.4	15.0	9.2	3.4
95°	57.0	32.1	29.5	18.8	8.2
97.5°	76.8	35.3	32.9	23.5	14.1
100°	83.9	37.9	35.8	27.3	18.7
102.5°	87.2	40.6	38.6	30.6	22.7
105°	89.7	44.5	42.8	36.1	29.4
107.5°	90.1	50.3	48.7	42.4	36.2
110°	89.5	53.5	52.1	46.4	40.8



TEST NUMBER: P934170

CATALOG NUMBER: SQ4-FA-025U-125D-935-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	89.5	57.4	56.1	50.7	45.3
115°	90.3	63.3	62.0	57.1	52.1
117.5°	92.0	69.0	67.9	63.4	58.9
120°	93.3	72.3	71.3	67.1	62.8
122.5°	95.3	76.3	75.1	70.9	66.6
125°	98.0	81.4	80.3	76.4	72.5
127.5°	100.6	86.2	85.2	81.3	77.3
130°	102.6	89.5	88.4	84.1	79.8
132.5°	104.1	92.1	91.1	86.8	82.6
135°	105.8	95.2	94.2	90.3	86.5
137.5°	108.4	99.1	98.2	94.3	90.5
140°	109.9	101.7	100.9	97.3	93.8
142.5°	111.3	103.7	102.8	99.6	96.4
145°	113.0	106.7	106.0	103.1	100.3
147.5°	115.4	110.4	109.7	106.9	104.2
150°	116.7	112.4	111.8	109.2	106.8
152.5°	117.6	113.7	113.1	111.3	109.4
155°	119.5	116.5	116.1	114.7	113.3
157.5°	121.3	119.3	118.9	117.6	116.2
160°	122.2	120.6	120.3	119.2	118.2
162.5°	123.1	121.9	121.8	120.9	120.1
165°	124.4	123.9	123.7	122.9	122.3
167.5°	125.4	125.0	124.9	124.6	124.2
170°	126.3	126.3	126.2	125.8	125.5
172.5°	126.4	126.4	126.4	126.3	126.2
175°	126.9	127.1	127.1	127.1	127.1
177.5°	126.9	127.1	127.1	127.1	127.1
180°	127.1	127.1	127.1	127.1	127.1



TEST NUMBER: P934170  
 CATALOG NUMBER: SQ4-FA-025U-125D-935-1D-UNV-STD-W-4

**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	16.61	17.87	17.22	18.49	19.20	19.41	20.67	20.02	21.29	22.00
	3H	17.11	18.25	17.74	18.88	19.63	20.77	21.90	21.40	22.54	23.29
	4H	17.32	18.39	17.97	19.04	19.80	21.23	22.29	21.87	22.94	23.70
	6H	17.46	18.45	18.12	19.11	19.88	21.52	22.51	22.19	23.17	23.94
	8H	17.48	18.42	18.15	19.10	19.87	21.61	22.54	22.28	23.22	24.00
	12H	17.46	18.36	18.14	19.03	19.84	21.65	22.55	22.33	23.22	24.03
4H	2H	17.68	18.75	18.33	19.40	20.16	19.86	20.93	20.51	21.58	22.34
	3H	18.74	19.63	19.41	20.32	21.10	21.40	22.29	22.06	22.97	23.75
	4H	19.04	19.84	19.72	20.53	21.34	21.93	22.74	22.61	23.43	24.24
	6H	19.18	19.88	19.88	20.60	21.42	22.31	23.01	23.01	23.73	24.55
	8H	19.20	19.85	19.90	20.57	21.40	22.42	23.08	23.13	23.79	24.63
	12H	19.18	19.77	19.91	20.51	21.35	22.50	23.08	23.22	23.82	24.66
8H	4H	19.52	20.17	20.22	20.88	21.72	22.09	22.75	22.80	23.46	24.29
	6H	19.79	20.34	20.53	21.09	21.93	22.54	23.08	23.27	23.83	24.67
	8H	19.84	20.32	20.59	21.08	21.93	22.69	23.17	23.44	23.93	24.78
	12H	19.84	20.27	20.59	21.02	21.93	22.80	23.22	23.55	23.97	24.88
12H	4H	19.54	20.13	20.27	20.87	21.70	22.07	22.66	22.80	23.40	24.24
	6H	19.86	20.34	20.61	21.10	21.95	22.54	23.02	23.28	23.78	24.63
	8H	19.94	20.37	20.69	21.12	22.03	22.71	23.14	23.46	23.89	24.80