

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: P936170

Luminaire Tested: SQ4-FA-150U-125D-935-1D-UNV-STD-W-4

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P936170
REPORT IS A COMBINATION OF REPORTS P933782 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-125D-935-1D-UNV-STD-W-4
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

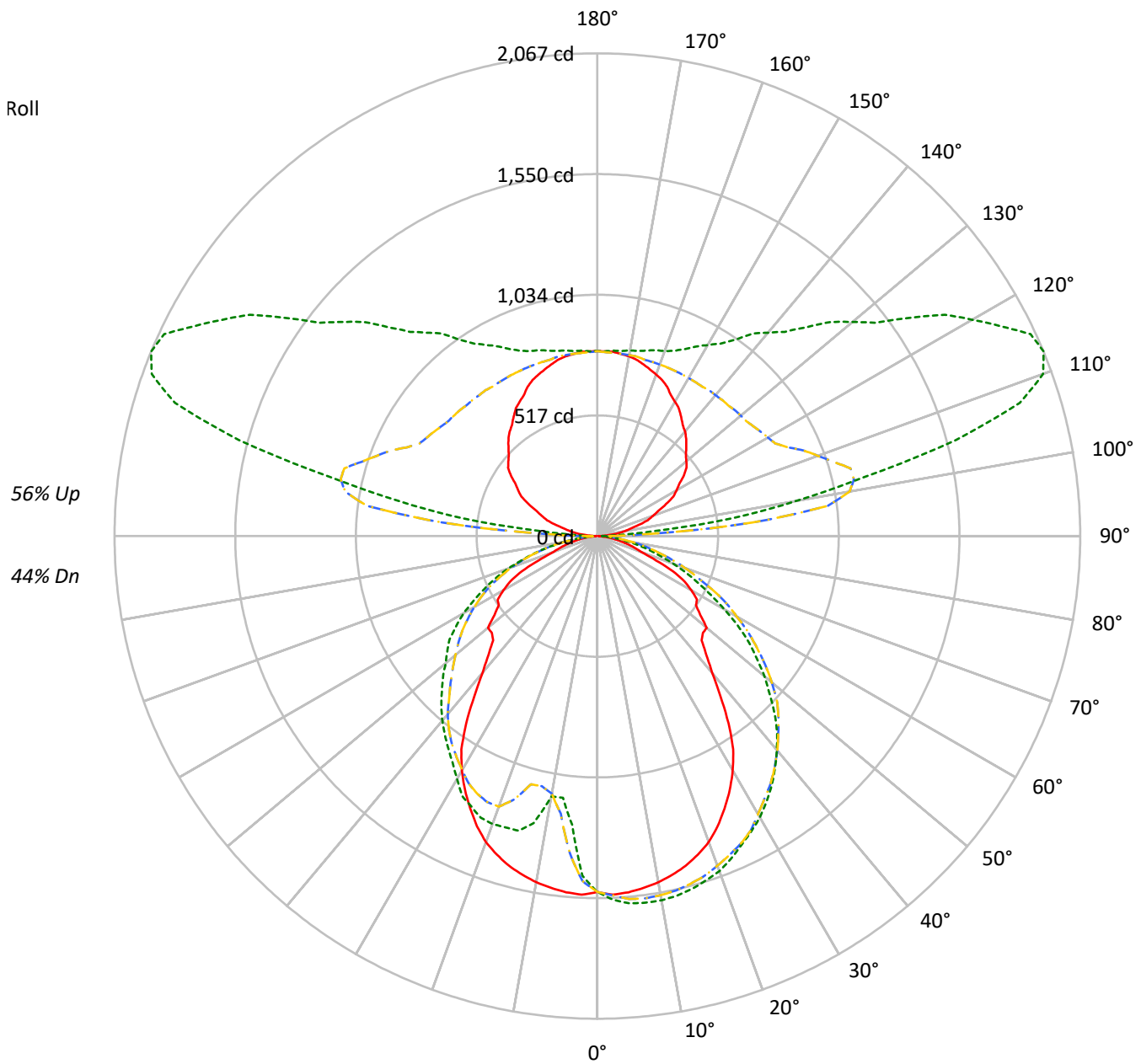
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9087.5 lumens
Efficiency: N/A
Efficacy: 109.2 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: General Diffuse

Input Watts (W): 83.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P936170
CATALOG NUMBER: SQ4-FA-150U-125D-935-1D-UNV-STD-W-4

Luminous Intensity Polar Plot



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



TEST NUMBER: P936170

CATALOG NUMBER: SQ4-FA-150U-125D-935-1D-UNV-STD-W-4

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	106	106	106	106	97	97	97	97	80	80	80	64	64	64	50	50	50	44	44	44	44
1	96	92	88	85	88	84	81	78	70	68	66	57	55	54	44	43	42	37	37	37	37
2	88	80	74	69	80	74	69	64	61	58	54	50	47	45	39	37	36	31	31	31	31
3	80	71	63	58	73	65	59	54	54	49	46	44	41	38	35	32	30	26	26	26	26
4	73	63	55	49	67	57	51	45	48	43	39	39	35	32	31	28	26	22	22	22	22
5	67	56	48	42	61	51	44	39	43	37	33	35	31	28	28	25	23	19	19	19	19
6	62	50	42	36	56	46	39	34	39	33	29	32	28	24	25	22	20	17	17	17	17
7	57	45	37	31	52	41	34	29	35	29	25	29	25	22	23	20	18	15	15	15	15
8	53	41	33	28	48	38	31	26	32	26	23	26	22	19	21	18	16	13	13	13	13
9	49	37	30	25	45	34	28	23	29	24	20	24	20	17	19	16	14	12	12	12	12
10	46	34	27	22	42	31	25	21	27	22	18	22	18	16	18	15	13	11	11	11	11

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: P936170

CATALOG NUMBER: SQ4-FA-150U-125D-935-1D-UNV-STD-W-4

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	137.6	1.5
10°-20°	390.6	4.3
20°-30°	603.8	6.6
30°-40°	720.8	7.9
40°-50°	725.0	8.0
50°-60°	630.9	6.9
60°-70°	447.3	4.9
70°-80°	236.6	2.6
80°-90°	62.0	0.7
90°-100°	386.0	4.2
100°-110°	1014.7	11.2
110°-120°	1052.2	11.6
120°-130°	843.9	9.3
130°-140°	662.2	7.3
140°-150°	508.3	5.6
150°-160°	366.0	4.0
160°-170°	224.0	2.5
170°-180°	75.7	0.8
0°-30°	1132.0	12.5
0°-40°	1852.8	20.4
0°-60°	3208.7	35.3
0°-90°	3954.6	43.5
90°-120°	2452.8	27.0
90°-150°	4467.2	49.2
90°-180°	5133.0	56.5
0°-180°	9087.5	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°	5	20	5	20	5	5
95°	51	233	51	233	51	57
105°	183	1589	183	1589	183	194
115°	325	2046	325	2046	325	321
125°	452	1629	452	1629	452	401
135°	538	1264	538	1264	538	416
145°	624	1026	624	1026	624	391
155°	706	883	706	883	706	324
165°	762	823	762	823	762	215
175°	792	797	792	797	792	75
180°	792	792	792	792	792	



TEST NUMBER: P936170
 CATALOG NUMBER: SQ4-FA-150U-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°	5.3	9.5	13.8	14.9	23.4	34.8	40.4	35.9	26.9	20.2	20.2
92.5°	21.2	57.3	93.5	102.6	144.2	199.6	227.4	199.3	143.1	101.0	97.0
95°	51.0	117.2	183.3	199.8	354.8	561.5	664.8	593.2	450.1	342.8	330.6
97.5°	88.2	146.5	204.9	219.5	477.9	822.5	994.8	949.6	859.1	791.3	768.1
100°	116.9	169.8	222.7	235.9	522.7	905.1	1096.3	1099.6	1106.2	1111.2	1083.6
102.5°	141.3	190.8	240.1	252.4	543.3	931.1	1125.0	1182.6	1297.9	1384.3	1360.7
105°	182.8	224.7	266.4	276.9	558.5	934.0	1121.7	1250.9	1509.3	1703.1	1690.5
107.5°	225.4	264.3	303.3	313.0	561.4	892.5	1058.0	1238.2	1598.6	1868.9	1872.0
110°	254.0	289.2	324.4	333.2	557.1	855.6	1004.8	1206.3	1609.3	1911.5	1924.7



TEST NUMBER: P936170

CATALOG NUMBER: SQ4-FA-150U-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°	282.2	315.8	349.3	357.7	557.3	823.5	956.5	1162.7	1575.1	1884.4	1904.6
115°	324.7	355.6	386.6	394.3	562.4	786.6	898.6	1097.2	1494.5	1792.4	1820.6
117.5°	366.7	394.8	422.9	429.9	572.9	763.5	858.7	1038.0	1396.5	1665.4	1696.7
120°	391.1	417.6	444.0	450.6	581.3	755.6	842.8	1006.6	1334.1	1579.9	1610.2
122.5°	415.0	441.7	468.4	475.1	593.6	751.6	830.6	978.1	1273.1	1494.3	1524.2
125°	451.7	476.0	500.4	506.4	610.0	748.2	817.3	942.6	1193.1	1381.1	1408.7
127.5°	481.5	506.0	530.5	536.7	626.5	746.3	806.2	913.8	1128.9	1290.3	1313.5
130°	497.4	523.8	550.2	556.9	638.6	747.5	801.9	897.7	1089.2	1232.8	1254.3
132.5°	513.8	540.3	566.8	573.4	648.3	748.2	798.2	883.9	1055.4	1183.9	1203.2
135°	538.3	562.4	586.4	592.5	658.9	747.5	791.8	863.6	1007.1	1114.8	1131.5
137.5°	563.3	587.1	611.0	616.9	674.9	752.1	790.7	851.4	972.8	1063.9	1077.4
140°	584.0	606.0	628.0	633.5	684.7	752.9	787.0	839.4	944.3	1022.9	1035.6
142.5°	600.0	620.3	640.5	645.6	692.8	755.6	787.0	833.1	925.2	994.3	1005.2
145°	624.4	642.2	659.8	664.2	703.4	755.6	781.7	819.4	894.7	951.2	959.4
147.5°	648.8	666.1	683.3	687.6	719.0	760.8	781.7	811.4	870.6	915.0	921.9
150°	664.8	680.4	695.9	699.8	727.1	763.5	781.7	806.8	856.8	894.3	899.9
152.5°	681.3	693.1	704.9	707.8	732.5	765.3	781.7	803.1	845.9	877.9	882.1
155°	705.7	714.5	723.2	725.4	744.1	769.2	781.7	798.8	832.7	858.2	861.0
157.5°	723.8	732.3	740.7	742.9	755.8	773.1	781.7	794.9	821.3	841.2	843.1
160°	736.0	742.6	749.2	750.9	761.2	774.9	781.7	793.0	815.7	832.7	833.8
162.5°	748.2	753.2	758.1	759.4	766.8	776.8	781.7	791.3	810.4	824.7	825.8
165°	761.5	765.9	770.5	771.6	775.0	779.5	781.7	788.5	802.2	812.5	813.6
167.5°	773.7	775.8	778.0	778.5	781.3	785.1	787.0	791.5	800.5	807.2	807.7
170°	781.7	783.8	786.0	786.5	786.7	786.9	787.0	791.5	800.5	807.2	807.2
172.5°	786.0	786.4	786.9	787.0	787.0	787.0	787.0	790.6	797.6	802.9	802.5
175°	791.8	791.8	791.8	791.8	790.1	788.0	787.0	789.2	793.7	797.1	797.1
177.5°	791.8	791.8	791.8	791.8	790.6	789.0	788.1	789.9	793.4	796.0	795.5
180°	791.8	791.8	791.8	791.8	791.8	791.8	791.8	791.8	791.8	791.8	791.8



TEST NUMBER: P936170

CATALOG NUMBER: SQ4-FA-150U-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°	20.2	20.2	20.2	20.2	20.2	26.9	35.9	40.4	34.8	23.4	14.9
92.5°	80.9	64.8	80.9	97.0	101.0	143.1	199.3	227.4	199.6	144.2	102.6
95°	281.9	233.3	281.9	330.6	342.8	450.1	593.2	664.8	561.5	354.8	199.8
97.5°	675.6	582.9	675.6	768.1	791.3	859.1	949.6	994.8	822.5	477.9	219.5
100°	973.3	863.0	973.3	1083.6	1111.2	1106.2	1099.6	1096.3	905.1	522.7	235.9
102.5°	1266.2	1171.8	1266.2	1360.7	1384.3	1297.9	1182.6	1125.0	931.1	543.3	252.4
105°	1639.7	1588.9	1639.7	1690.5	1703.1	1509.3	1250.9	1121.7	934.0	558.5	276.9
107.5°	1884.3	1896.6	1884.3	1872.0	1868.9	1598.6	1238.2	1058.0	892.5	561.4	313.0
110°	1977.6	2030.5	1977.6	1924.7	1911.5	1609.3	1206.3	1004.8	855.6	557.1	333.2



TEST NUMBER: P936170

CATALOG NUMBER: SQ4-FA-150U-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°	1985.9	2067.1	1985.9	1904.6	1884.4	1575.1	1162.7	956.5	823.5	557.3	357.7
115°	1933.3	2045.9	1933.3	1820.6	1792.4	1494.5	1097.2	898.6	786.6	562.4	394.3
117.5°	1821.6	1946.5	1821.6	1696.7	1665.4	1396.5	1038.0	858.7	763.5	572.9	429.9
120°	1731.6	1853.0	1731.6	1610.2	1579.9	1334.1	1006.6	842.8	755.6	581.3	450.6
122.5°	1644.0	1763.7	1644.0	1524.2	1494.3	1273.1	978.1	830.6	751.6	593.6	475.1
125°	1518.9	1629.3	1518.9	1408.7	1381.1	1193.1	942.6	817.3	748.2	610.0	506.4
127.5°	1406.6	1499.6	1406.6	1313.5	1290.3	1128.9	913.8	806.2	746.3	626.5	536.7
130°	1340.3	1426.2	1340.3	1254.3	1232.8	1089.2	897.7	801.9	747.5	638.6	556.9
132.5°	1280.1	1357.2	1280.1	1203.2	1183.9	1055.4	883.9	798.2	748.2	648.3	573.4
135°	1197.8	1264.2	1197.8	1131.5	1114.8	1007.1	863.6	791.8	747.5	658.9	592.5
137.5°	1131.8	1186.1	1131.8	1077.4	1063.9	972.8	851.4	790.7	752.1	674.9	616.9
140°	1086.4	1137.2	1086.4	1035.6	1022.9	944.3	839.4	787.0	752.9	684.7	633.5
142.5°	1048.9	1092.5	1048.9	1005.2	994.3	925.2	833.1	787.0	755.6	692.8	645.6
145°	992.6	1025.6	992.6	959.4	951.2	894.7	819.4	781.7	755.6	703.4	664.2
147.5°	949.3	976.7	949.3	921.9	915.0	870.6	811.4	781.7	760.8	719.0	687.6
150°	922.1	944.3	922.1	899.9	894.3	856.8	806.8	781.7	763.5	727.1	699.8
152.5°	898.9	915.6	898.9	882.1	877.9	845.9	803.1	781.7	765.3	732.5	707.8
155°	872.1	883.2	872.1	861.0	858.2	832.7	798.8	781.7	769.2	744.1	725.4
157.5°	850.9	858.7	850.9	843.1	841.2	821.3	794.9	781.7	773.1	755.8	742.9
160°	838.3	842.8	838.3	833.8	832.7	815.7	793.0	781.7	774.9	761.2	750.9
162.5°	830.0	834.3	830.0	825.8	824.7	810.4	791.3	781.7	776.8	766.8	759.4
165°	818.1	822.6	818.1	813.6	812.5	802.2	788.5	781.7	779.5	775.0	771.6
167.5°	809.6	811.4	809.6	807.7	807.2	800.5	791.5	787.0	785.1	781.3	778.5
170°	807.2	807.2	807.2	807.2	807.2	800.5	791.5	787.0	786.9	786.7	786.5
172.5°	800.9	799.3	800.9	802.5	802.9	797.6	790.6	787.0	787.0	787.0	787.0
175°	797.1	797.1	797.1	797.1	797.1	793.7	789.2	787.0	788.0	790.1	791.8
177.5°	793.6	791.8	793.6	795.5	796.0	793.4	789.9	788.1	789.0	790.6	791.8
180°	791.8	791.8	791.8	791.8	791.8	791.8	791.8	791.8	791.8	791.8	791.8



TEST NUMBER: P936170
 CATALOG NUMBER: SQ4-FA-150U-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°	13.8	9.5	5.3	9.5	13.8	14.9	23.4	34.8	40.4	35.9	26.9
92.5°	93.5	57.3	21.2	57.3	93.5	102.6	144.2	199.6	227.4	199.3	143.1
95°	183.3	117.2	51.0	117.2	183.3	199.8	354.8	561.5	664.8	593.2	450.1
97.5°	204.9	146.5	88.2	146.5	204.9	219.5	477.9	822.5	994.8	949.6	859.1
100°	222.7	169.8	116.9	169.8	222.7	235.9	522.7	905.1	1096.3	1099.6	1106.2
102.5°	240.1	190.8	141.3	190.8	240.1	252.4	543.3	931.1	1125.0	1182.6	1297.9
105°	266.4	224.7	182.8	224.7	266.4	276.9	558.5	934.0	1121.7	1250.9	1509.3
107.5°	303.3	264.3	225.4	264.3	303.3	313.0	561.4	892.5	1058.0	1238.2	1598.6
110°	324.4	289.2	254.0	289.2	324.4	333.2	557.1	855.6	1004.8	1206.3	1609.3



TEST NUMBER: P936170

CATALOG NUMBER: SQ4-FA-150U-125D-935-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	349.3	315.8	282.2	315.8	349.3	357.7	557.3	823.5	956.5	1162.7	1575.1
115°	386.6	355.6	324.7	355.6	386.6	394.3	562.4	786.6	898.6	1097.2	1494.5
117.5°	422.9	394.8	366.7	394.8	422.9	429.9	572.9	763.5	858.7	1038.0	1396.5
120°	444.0	417.6	391.1	417.6	444.0	450.6	581.3	755.6	842.8	1006.6	1334.1
122.5°	468.4	441.7	415.0	441.7	468.4	475.1	593.6	751.6	830.6	978.1	1273.1
125°	500.4	476.0	451.7	476.0	500.4	506.4	610.0	748.2	817.3	942.6	1193.1
127.5°	530.5	506.0	481.5	506.0	530.5	536.7	626.5	746.3	806.2	913.8	1128.9
130°	550.2	523.8	497.4	523.8	550.2	556.9	638.6	747.5	801.9	897.7	1089.2
132.5°	566.8	540.3	513.8	540.3	566.8	573.4	648.3	748.2	798.2	883.9	1055.4
135°	586.4	562.4	538.3	562.4	586.4	592.5	658.9	747.5	791.8	863.6	1007.1
137.5°	611.0	587.1	563.3	587.1	611.0	616.9	674.9	752.1	790.7	851.4	972.8
140°	628.0	606.0	584.0	606.0	628.0	633.5	684.7	752.9	787.0	839.4	944.3
142.5°	640.5	620.3	600.0	620.3	640.5	645.6	692.8	755.6	787.0	833.1	925.2
145°	659.8	642.2	624.4	642.2	659.8	664.2	703.4	755.6	781.7	819.4	894.7
147.5°	683.3	666.1	648.8	666.1	683.3	687.6	719.0	760.8	781.7	811.4	870.6
150°	695.9	680.4	664.8	680.4	695.9	699.8	727.1	763.5	781.7	806.8	856.8
152.5°	704.9	693.1	681.3	693.1	704.9	707.8	732.5	765.3	781.7	803.1	845.9
155°	723.2	714.5	705.7	714.5	723.2	725.4	744.1	769.2	781.7	798.8	832.7
157.5°	740.7	732.3	723.8	732.3	740.7	742.9	755.8	773.1	781.7	794.9	821.3
160°	749.2	742.6	736.0	742.6	749.2	750.9	761.2	774.9	781.7	793.0	815.7
162.5°	758.1	753.2	748.2	753.2	758.1	759.4	766.8	776.8	781.7	791.3	810.4
165°	770.5	765.9	761.5	765.9	770.5	771.6	775.0	779.5	781.7	788.5	802.2
167.5°	778.0	775.8	773.7	775.8	778.0	778.5	781.3	785.1	787.0	791.5	800.5
170°	786.0	783.8	781.7	783.8	786.0	786.5	786.7	786.9	787.0	791.5	800.5
172.5°	786.9	786.4	786.0	786.4	786.9	787.0	787.0	787.0	787.0	790.6	797.6
175°	791.8	791.8	791.8	791.8	791.8	791.8	790.1	788.0	787.0	789.2	793.7
177.5°	791.8	791.8	791.8	791.8	791.8	791.8	790.6	789.0	788.1	789.9	793.4
180°	791.8	791.8	791.8	791.8	791.8	791.8	791.8	791.8	791.8	791.8	791.8



TEST NUMBER: P936170
 CATALOG NUMBER: SQ4-FA-150U-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°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	26.9	35.9	40.4	34.8
92.5°	101.0	97.0	80.9	64.8	80.9	97.0	101.0	143.1	199.3	227.4	199.6
95°	342.8	330.6	281.9	233.3	281.9	330.6	342.8	450.1	593.2	664.8	561.5
97.5°	791.3	768.1	675.6	582.9	675.6	768.1	791.3	859.1	949.6	994.8	822.5
100°	1111.2	1083.6	973.3	863.0	973.3	1083.6	1111.2	1106.2	1099.6	1096.3	905.1
102.5°	1384.3	1360.7	1266.2	1171.8	1266.2	1360.7	1384.3	1297.9	1182.6	1125.0	931.1
105°	1703.1	1690.5	1639.7	1588.9	1639.7	1690.5	1703.1	1509.3	1250.9	1121.7	934.0
107.5°	1868.9	1872.0	1884.3	1896.6	1884.3	1872.0	1868.9	1598.6	1238.2	1058.0	892.5
110°	1911.5	1924.7	1977.6	2030.5	1977.6	1924.7	1911.5	1609.3	1206.3	1004.8	855.6



TEST NUMBER: P936170

CATALOG NUMBER: SQ4-FA-150U-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°	1884.4	1904.6	1985.9	2067.1	1985.9	1904.6	1884.4	1575.1	1162.7	956.5	823.5
115°	1792.4	1820.6	1933.3	2045.9	1933.3	1820.6	1792.4	1494.5	1097.2	898.6	786.6
117.5°	1665.4	1696.7	1821.6	1946.5	1821.6	1696.7	1665.4	1396.5	1038.0	858.7	763.5
120°	1579.9	1610.2	1731.6	1853.0	1731.6	1610.2	1579.9	1334.1	1006.6	842.8	755.6
122.5°	1494.3	1524.2	1644.0	1763.7	1644.0	1524.2	1494.3	1273.1	978.1	830.6	751.6
125°	1381.1	1408.7	1518.9	1629.3	1518.9	1408.7	1381.1	1193.1	942.6	817.3	748.2
127.5°	1290.3	1313.5	1406.6	1499.6	1406.6	1313.5	1290.3	1128.9	913.8	806.2	746.3
130°	1232.8	1254.3	1340.3	1426.2	1340.3	1254.3	1232.8	1089.2	897.7	801.9	747.5
132.5°	1183.9	1203.2	1280.1	1357.2	1280.1	1203.2	1183.9	1055.4	883.9	798.2	748.2
135°	1114.8	1131.5	1197.8	1264.2	1197.8	1131.5	1114.8	1007.1	863.6	791.8	747.5
137.5°	1063.9	1077.4	1131.8	1186.1	1131.8	1077.4	1063.9	972.8	851.4	790.7	752.1
140°	1022.9	1035.6	1086.4	1137.2	1086.4	1035.6	1022.9	944.3	839.4	787.0	752.9
142.5°	994.3	1005.2	1048.9	1092.5	1048.9	1005.2	994.3	925.2	833.1	787.0	755.6
145°	951.2	959.4	992.6	1025.6	992.6	959.4	951.2	894.7	819.4	781.7	755.6
147.5°	915.0	921.9	949.3	976.7	949.3	921.9	915.0	870.6	811.4	781.7	760.8
150°	894.3	899.9	922.1	944.3	922.1	899.9	894.3	856.8	806.8	781.7	763.5
152.5°	877.9	882.1	898.9	915.6	898.9	882.1	877.9	845.9	803.1	781.7	765.3
155°	858.2	861.0	872.1	883.2	872.1	861.0	858.2	832.7	798.8	781.7	769.2
157.5°	841.2	843.1	850.9	858.7	850.9	843.1	841.2	821.3	794.9	781.7	773.1
160°	832.7	833.8	838.3	842.8	838.3	833.8	832.7	815.7	793.0	781.7	774.9
162.5°	824.7	825.8	830.0	834.3	830.0	825.8	824.7	810.4	791.3	781.7	776.8
165°	812.5	813.6	818.1	822.6	818.1	813.6	812.5	802.2	788.5	781.7	779.5
167.5°	807.2	807.7	809.6	811.4	809.6	807.7	807.2	800.5	791.5	787.0	785.1
170°	807.2	807.2	807.2	807.2	807.2	807.2	807.2	800.5	791.5	787.0	786.9
172.5°	802.9	802.5	800.9	799.3	800.9	802.5	802.9	797.6	790.6	787.0	787.0
175°	797.1	797.1	797.1	797.1	797.1	797.1	797.1	793.7	789.2	787.0	788.0
177.5°	796.0	795.5	793.6	791.8	793.6	795.5	796.0	793.4	789.9	788.1	789.0
180°	791.8	791.8	791.8	791.8	791.8	791.8	791.8	791.8	791.8	791.8	791.8



TEST NUMBER: P936170
 CATALOG NUMBER: SQ4-FA-150U-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°	23.4	14.9	13.8	9.5	5.3
92.5°	144.2	102.6	93.5	57.3	21.2
95°	354.8	199.8	183.3	117.2	51.0
97.5°	477.9	219.5	204.9	146.5	88.2
100°	522.7	235.9	222.7	169.8	116.9
102.5°	543.3	252.4	240.1	190.8	141.3
105°	558.5	276.9	266.4	224.7	182.8
107.5°	561.4	313.0	303.3	264.3	225.4
110°	557.1	333.2	324.4	289.2	254.0



TEST NUMBER: P936170

CATALOG NUMBER: SQ4-FA-150U-125D-935-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	557.3	357.7	349.3	315.8	282.2
115°	562.4	394.3	386.6	355.6	324.7
117.5°	572.9	429.9	422.9	394.8	366.7
120°	581.3	450.6	444.0	417.6	391.1
122.5°	593.6	475.1	468.4	441.7	415.0
125°	610.0	506.4	500.4	476.0	451.7
127.5°	626.5	536.7	530.5	506.0	481.5
130°	638.6	556.9	550.2	523.8	497.4
132.5°	648.3	573.4	566.8	540.3	513.8
135°	658.9	592.5	586.4	562.4	538.3
137.5°	674.9	616.9	611.0	587.1	563.3
140°	684.7	633.5	628.0	606.0	584.0
142.5°	692.8	645.6	640.5	620.3	600.0
145°	703.4	664.2	659.8	642.2	624.4
147.5°	719.0	687.6	683.3	666.1	648.8
150°	727.1	699.8	695.9	680.4	664.8
152.5°	732.5	707.8	704.9	693.1	681.3
155°	744.1	725.4	723.2	714.5	705.7
157.5°	755.8	742.9	740.7	732.3	723.8
160°	761.2	750.9	749.2	742.6	736.0
162.5°	766.8	759.4	758.1	753.2	748.2
165°	775.0	771.6	770.5	765.9	761.5
167.5°	781.3	778.5	778.0	775.8	773.7
170°	786.7	786.5	786.0	783.8	781.7
172.5°	787.0	787.0	786.9	786.4	786.0
175°	790.1	791.8	791.8	791.8	791.8
177.5°	790.6	791.8	791.8	791.8	791.8
180°	791.8	791.8	791.8	791.8	791.8



TEST NUMBER: P936170
 CATALOG NUMBER: SQ4-FA-150U-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	13.37	14.17	14.38	15.19	16.55	16.16	16.97	17.18	17.99	19.35
	3H	13.84	14.56	14.86	15.59	16.97	17.50	18.22	18.52	19.25	20.63
	4H	14.03	14.71	15.06	15.74	17.13	17.93	18.61	18.96	19.65	21.04
	6H	14.15	14.77	15.19	15.81	17.21	18.21	18.84	19.25	19.87	21.27
	8H	14.14	14.74	15.19	15.80	17.19	18.27	18.87	19.32	19.93	21.32
	12H	14.11	14.68	15.17	15.73	17.15	18.31	18.88	19.36	19.92	21.34
4H	2H	14.39	15.07	15.43	16.10	17.49	16.57	17.25	17.61	18.28	19.67
	3H	15.41	15.98	16.46	17.04	18.44	18.06	18.63	19.11	19.69	21.09
	4H	15.68	16.20	16.74	17.25	18.68	18.58	19.10	19.63	20.15	21.58
	6H	15.80	16.25	16.87	17.33	18.75	18.93	19.38	20.00	20.46	21.88
	8H	15.81	16.23	16.87	17.29	18.73	19.03	19.45	20.10	20.52	21.95
	12H	15.77	16.15	16.86	17.23	18.67	19.08	19.46	20.17	20.54	21.98
8H	4H	16.12	16.54	17.19	17.61	19.05	18.70	19.12	19.77	20.19	21.62
	6H	16.38	16.73	17.47	17.84	19.27	19.13	19.47	20.21	20.58	22.01
	8H	16.43	16.73	17.52	17.82	19.27	19.27	19.58	20.37	20.67	22.12
	12H	16.41	16.67	17.51	17.76	19.25	19.36	19.63	20.46	20.72	22.21
12H	4H	16.13	16.51	17.21	17.59	19.03	18.66	19.04	19.74	20.12	21.56
	6H	16.44	16.75	17.54	17.84	19.29	19.12	19.43	20.22	20.52	21.97
	8H	16.51	16.77	17.61	17.86	19.35	19.28	19.54	20.38	20.63	22.12