

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: P936110

Luminaire Tested: SQ4-FA-150U-125D-830-1D-UNV-STD-W-4

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P936110
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-830-1D-UNV-STD-W-4
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

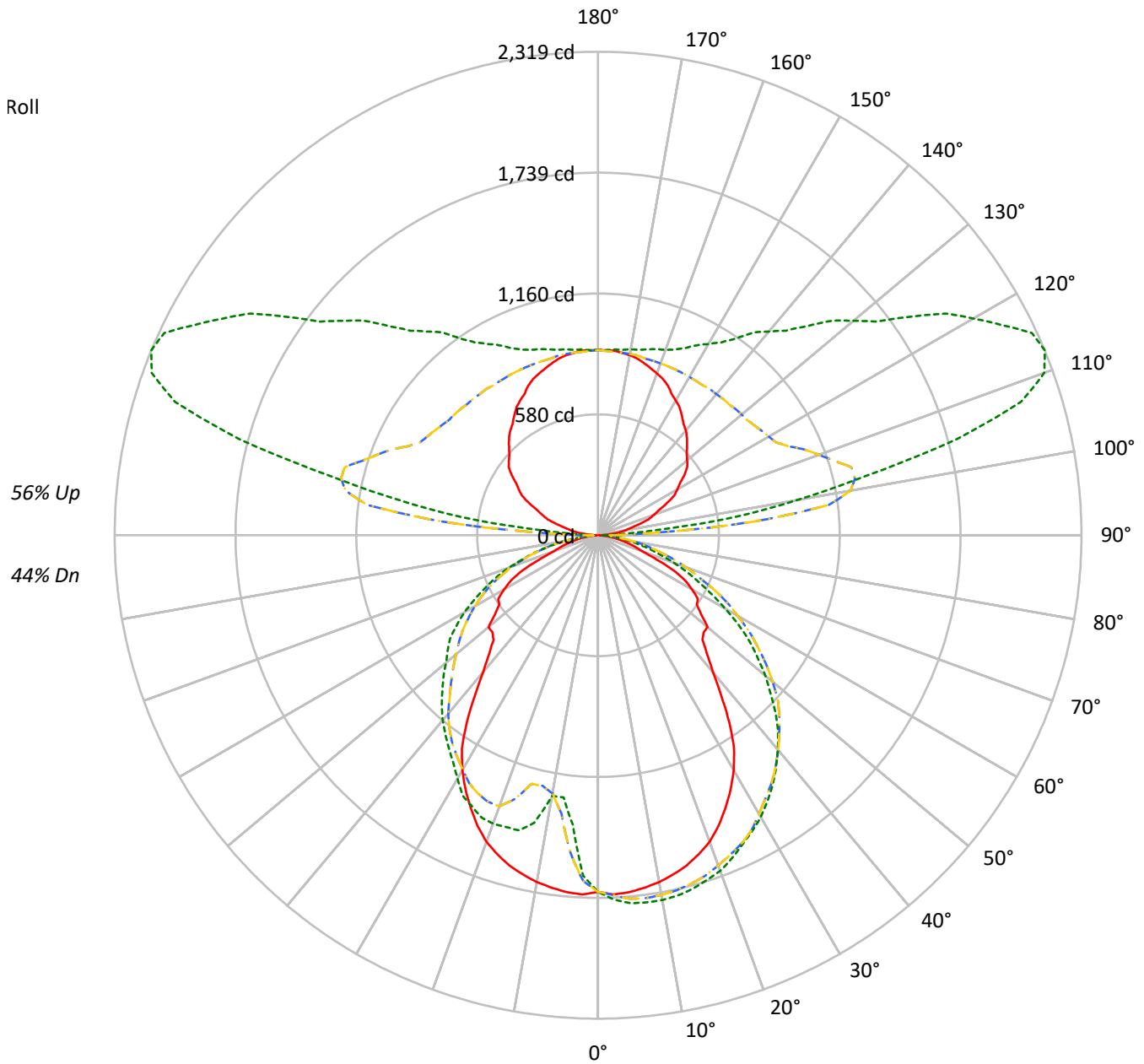
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10196.7 lumens
Efficiency: N/A
Efficacy: 122.6 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

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Luminous Intensity Polar Plot



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



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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°	15868	15868	15868	15868
5°	15969	16019	15969	12595
10°	15845	15779	15845	11281
15°	15655	15437	15655	12889
20°	15310	15032	15310	12917
25°	14621	14441	14621	12643
30°	13738	13950	13738	12043
35°	12230	13331	12230	11382
40°	10172	12600	10172	10883
45°	9072	11746	9072	10309
50°	9615	10726	9615	9733
55°	9022	9628	9022	9400
60°	9266	8177	9266	8610
65°	8361	6761	8361	7556
70°	5750	5387	5750	6333
75°	4988	3982	4988	4769
80°	3936	2632	3936	2866
85°	2145	1394	2145	1185

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13931 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	154.4	1.5
10°-20°	438.3	4.3
20°-30°	677.5	6.6
30°-40°	808.8	7.9
40°-50°	813.5	8.0
50°-60°	707.9	6.9
60°-70°	501.9	4.9
70°-80°	265.5	2.6
80°-90°	69.5	0.7
90°-100°	433.1	4.2
100°-110°	1138.6	11.2
110°-120°	1180.6	11.6
120°-130°	947.0	9.3
130°-140°	743.0	7.3
140°-150°	570.3	5.6
150°-160°	410.7	4.0
160°-170°	251.3	2.5
170°-180°	84.9	0.8
0°-30°	1270.2	12.5
0°-40°	2078.9	20.4
0°-60°	3600.4	35.3
0°-90°	4437.3	43.5
90°-120°	2752.2	27.0
90°-150°	5012.5	49.2
90°-180°	5759.0	56.5
0°-180°	10196.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1710	1710	1710	1710	1710	
5°	1718	1772	1718	1393	1718	163
15°	1640	1755	1640	1466	1640	462
25°	1445	1637	1445	1433	1445	663
35°	1098	1461	1098	1247	1098	680
45°	709	1204	709	1056	709	568
55°	578	888	578	867	578	531
65°	401	536	401	599	401	383
75°	152	254	152	304	152	160
85°	26	65	26	55	26	35
90°	6	23	6	23	6	6
95°	57	262	57	262	57	64
105°	205	1783	205	1783	205	217
115°	364	2296	364	2296	364	360
125°	507	1828	507	1828	507	450
135°	604	1418	604	1418	604	467
145°	701	1151	701	1151	701	439
155°	792	991	792	991	792	364
165°	854	923	854	923	854	241
175°	888	894	888	894	888	84
180°	888	888	888	888	888	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1710.1	1710.1	1710.1	1710.1	1710.1	1710.1	1710.1	1710.1	1710.1	1710.1	1710.1
2.5°	1724.6	1724.6	1734.4	1737.6	1737.6	1732.8	1727.9	1732.8	1747.3	1752.2	1750.5
5°	1718.1	1731.1	1748.9	1752.2	1755.4	1753.8	1750.5	1753.8	1769.9	1773.2	1774.8
7.5°	1705.2	1729.5	1752.2	1757.0	1761.8	1757.0	1755.4	1758.7	1774.8	1778.1	1778.1
10°	1689.1	1723.0	1748.9	1752.2	1757.0	1752.2	1752.2	1758.7	1774.8	1778.1	1779.7
12.5°	1666.4	1713.3	1737.6	1740.8	1747.3	1745.7	1744.0	1750.5	1766.7	1769.9	1769.9
15°	1640.5	1695.6	1718.1	1721.4	1732.8	1729.5	1729.5	1736.0	1753.8	1758.7	1757.0
17.5°	1604.9	1672.9	1698.7	1703.6	1711.7	1710.1	1711.7	1718.1	1734.4	1737.6	1739.2
20°	1564.5	1642.1	1672.9	1677.7	1685.8	1685.8	1685.8	1693.9	1710.1	1716.6	1716.6
22.5°	1509.4	1609.8	1642.1	1645.4	1655.0	1655.0	1658.3	1669.7	1684.2	1685.8	1685.8
25°	1444.7	1574.1	1601.7	1611.4	1621.1	1626.0	1630.8	1637.2	1642.1	1640.5	1642.1
27.5°	1376.8	1528.8	1564.5	1570.9	1583.9	1588.8	1595.2	1596.8	1598.4	1603.3	1600.1
30°	1300.7	1465.7	1519.2	1525.7	1546.7	1549.9	1543.5	1546.7	1554.7	1558.0	1561.2
32.5°	1215.0	1372.0	1472.2	1486.8	1506.3	1496.5	1494.9	1499.8	1512.7	1512.7	1515.9
35°	1098.5	1299.1	1428.6	1441.6	1456.1	1444.7	1451.2	1452.8	1461.0	1465.7	1464.2
37.5°	970.7	1236.0	1383.2	1393.0	1404.3	1389.7	1399.5	1404.3	1410.8	1407.5	1407.5
40°	857.4	1137.4	1329.9	1336.4	1346.0	1334.8	1344.4	1347.7	1350.9	1347.7	1346.0
42.5°	773.3	1028.9	1273.3	1281.3	1274.8	1283.0	1286.2	1292.7	1287.8	1281.3	1281.3
45°	708.6	999.9	1211.7	1221.5	1211.7	1224.7	1229.6	1229.6	1215.0	1211.7	1210.2
47.5°	687.6	941.6	1150.3	1150.3	1145.5	1161.6	1169.7	1158.4	1143.9	1139.0	1139.0
50°	685.9	876.8	1066.1	1059.7	1082.4	1101.8	1093.7	1082.4	1071.0	1053.2	1053.2
52.5°	622.8	797.6	957.8	982.0	1017.7	1028.9	1016.0	1004.7	985.3	977.2	970.7
55°	577.6	715.1	859.1	907.6	944.8	959.3	935.2	923.8	894.7	889.8	886.6
57.5°	567.9	595.4	768.5	830.0	875.2	873.7	859.1	838.0	813.7	809.0	807.3
60°	520.9	430.4	671.4	744.2	791.1	786.3	773.3	753.9	731.2	728.0	724.8
62.5°	472.5	312.2	561.4	643.9	710.2	708.6	697.3	668.1	652.0	643.9	637.5
65°	401.2	262.1	399.6	535.6	631.0	634.2	609.9	588.9	571.1	561.4	559.7
67.5°	305.7	213.6	270.2	446.5	555.0	551.7	520.9	511.3	488.6	483.7	474.1
70°	226.5	142.3	187.7	362.4	480.5	472.5	448.2	436.8	415.8	404.5	398.0
72.5°	187.7	114.9	137.5	281.5	404.5	394.7	373.7	360.8	343.0	333.3	326.8
75°	152.1	121.3	105.2	208.7	328.4	322.0	302.6	289.6	275.0	262.1	263.7
77.5°	111.7	113.3	84.1	153.7	260.5	250.8	239.5	223.2	216.8	203.8	203.8
80°	84.1	89.0	63.1	105.2	187.7	187.7	178.0	166.6	155.4	148.8	148.8
82.5°	56.6	56.6	46.9	66.3	127.8	122.9	116.4	113.3	106.8	103.5	103.5
85°	25.9	32.3	29.2	40.4	69.6	72.8	72.8	69.6	68.0	64.7	66.3
87.5°	8.1	14.5	17.8	22.7	35.6	37.2	38.8	38.8	38.8	40.4	40.4
90°	5.9	10.7	15.5	16.7	26.3	39.0	45.3	40.2	30.2	22.7	22.7
92.5°	23.8	64.3	105.0	115.1	161.8	224.0	255.2	223.6	160.6	113.3	108.8
95°	57.3	131.4	205.6	224.2	398.1	630.0	746.0	665.7	505.1	384.6	370.9
97.5°	98.9	164.4	229.9	246.3	536.2	922.9	1116.2	1065.5	963.9	887.8	861.8
100°	131.2	190.5	249.9	264.7	586.5	1015.6	1230.1	1233.8	1241.3	1246.8	1215.8
102.5°	158.6	214.0	269.4	283.3	609.6	1044.7	1262.3	1326.9	1456.3	1553.3	1526.8
105°	205.2	252.1	298.9	310.7	626.7	1048.0	1258.7	1403.6	1693.6	1911.0	1896.8
107.5°	252.9	296.6	340.3	351.2	629.9	1001.4	1187.2	1389.4	1793.7	2097.1	2100.5
110°	285.0	324.5	364.0	373.9	625.1	960.0	1127.5	1353.6	1805.7	2144.8	2159.6



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	316.6	354.3	392.0	401.3	625.3	924.0	1073.3	1304.7	1767.4	2114.4	2137.1
115°	364.3	399.0	433.7	442.4	631.1	882.6	1008.3	1231.1	1676.9	2011.2	2042.9
117.5°	411.5	443.0	474.6	482.4	642.8	856.7	963.6	1164.7	1567.0	1868.7	1903.8
120°	438.8	468.5	498.2	505.6	652.3	847.9	945.7	1129.4	1497.0	1772.7	1806.7
122.5°	465.7	495.6	525.6	533.1	666.0	843.4	932.0	1097.5	1428.5	1676.7	1710.3
125°	506.9	534.1	561.5	568.2	684.5	839.6	917.1	1057.6	1338.8	1549.7	1580.7
127.5°	540.2	567.8	595.3	602.2	702.9	837.4	904.6	1025.3	1266.7	1447.8	1473.9
130°	558.1	587.7	617.4	624.8	716.5	838.7	899.8	1007.2	1222.2	1383.3	1407.4
132.5°	576.6	606.3	635.9	643.4	727.4	839.6	895.6	991.8	1184.2	1328.5	1350.1
135°	604.0	631.1	658.0	664.8	739.4	838.7	888.4	969.0	1130.1	1250.9	1269.6
137.5°	632.0	658.8	685.5	692.2	757.2	844.0	887.3	955.3	1091.6	1193.8	1209.0
140°	655.3	680.0	704.7	710.8	768.2	844.8	883.1	941.9	1059.5	1147.8	1162.0
142.5°	673.2	696.0	718.7	724.5	777.3	847.8	883.1	934.8	1038.1	1115.7	1127.9
145°	700.7	720.5	740.3	745.3	789.3	847.9	877.1	919.4	1003.9	1067.3	1076.6
147.5°	728.0	747.4	766.7	771.6	806.8	853.7	877.1	910.4	976.8	1026.7	1034.4
150°	746.0	763.5	780.9	785.3	815.9	856.7	877.1	905.2	961.4	1003.5	1009.7
152.5°	764.4	777.7	790.9	794.2	821.9	858.7	877.1	901.1	949.1	985.1	989.7
155°	791.9	801.7	811.5	813.9	835.0	863.1	877.1	896.2	934.4	963.0	966.1
157.5°	812.1	821.7	831.1	833.5	848.1	867.5	877.1	891.9	921.6	943.9	946.1
160°	825.8	833.2	840.7	842.5	854.1	869.5	877.1	889.8	915.3	934.3	935.5
162.5°	839.6	845.1	850.6	852.1	860.4	871.6	877.1	887.8	909.3	925.4	926.6
165°	854.5	859.4	864.5	865.8	869.6	874.6	877.1	884.8	900.2	911.6	912.9
167.5°	868.1	870.5	872.9	873.5	876.7	881.0	883.1	888.1	898.2	905.7	906.3
170°	877.1	879.5	881.9	882.5	882.7	883.0	883.1	888.1	898.2	905.7	905.7
172.5°	881.9	882.4	883.0	883.1	883.1	883.1	883.1	887.1	895.0	900.9	900.5
175°	888.4	888.4	888.4	888.4	886.6	884.2	883.1	885.5	890.6	894.4	894.4
177.5°	888.4	888.4	888.4	888.4	887.1	885.3	884.3	886.3	890.2	893.2	892.6
180°	888.4	888.4	888.4	888.4	888.4	888.4	888.4	888.4	888.4	888.4	888.4



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1710.1	1710.1	1710.1	1710.1	1710.1	1710.1	1710.1	1710.1	1710.1	1710.1	1710.1
2.5°	1753.8	1748.9	1753.8	1750.5	1752.2	1747.3	1732.8	1727.9	1732.8	1737.6	1737.6
5°	1774.8	1771.6	1774.8	1774.8	1773.2	1769.9	1753.8	1750.5	1753.8	1755.4	1752.2
7.5°	1781.2	1776.4	1781.2	1778.1	1778.1	1774.8	1758.7	1755.4	1757.0	1761.8	1757.0
10°	1781.2	1776.4	1781.2	1779.7	1778.1	1774.8	1758.7	1752.2	1752.2	1757.0	1752.2
12.5°	1773.2	1769.9	1773.2	1769.9	1769.9	1766.7	1750.5	1744.0	1745.7	1747.3	1740.8
15°	1760.2	1755.4	1760.2	1757.0	1758.7	1753.8	1736.0	1729.5	1729.5	1732.8	1721.4
17.5°	1740.8	1734.4	1740.8	1739.2	1737.6	1734.4	1718.1	1711.7	1710.1	1711.7	1703.6
20°	1718.1	1713.3	1718.1	1716.6	1716.6	1710.1	1693.9	1685.8	1685.8	1685.8	1677.7
22.5°	1682.6	1677.7	1682.6	1685.8	1685.8	1684.2	1669.7	1658.3	1655.0	1655.0	1645.4
25°	1642.1	1637.2	1642.1	1642.1	1640.5	1642.1	1637.2	1630.8	1626.0	1621.1	1611.4
27.5°	1603.3	1600.1	1603.3	1600.1	1603.3	1598.4	1596.8	1595.2	1588.8	1583.9	1570.9
30°	1564.5	1561.2	1564.5	1561.2	1558.0	1554.7	1546.7	1543.5	1549.9	1546.7	1525.7
32.5°	1515.9	1512.7	1515.9	1515.9	1512.7	1512.7	1499.8	1494.9	1496.5	1506.3	1486.8
35°	1465.7	1461.0	1465.7	1464.2	1465.7	1461.0	1452.8	1451.2	1444.7	1456.1	1441.6
37.5°	1407.5	1402.6	1407.5	1407.5	1407.5	1410.8	1404.3	1399.5	1389.7	1404.3	1393.0
40°	1347.7	1341.2	1347.7	1346.0	1347.7	1350.9	1347.7	1344.4	1334.8	1346.0	1336.4
42.5°	1279.7	1278.1	1279.7	1281.3	1281.3	1287.8	1292.7	1286.2	1283.0	1274.8	1281.3
45°	1207.0	1203.7	1207.0	1210.2	1211.7	1215.0	1229.6	1229.6	1224.7	1211.7	1221.5
47.5°	1129.2	1121.2	1129.2	1139.0	1139.0	1143.9	1158.4	1169.7	1161.6	1145.5	1150.3
50°	1046.7	1048.3	1046.7	1053.2	1053.2	1071.0	1082.4	1093.7	1101.8	1082.4	1059.7
52.5°	965.8	964.2	965.8	970.7	977.2	985.3	1004.7	1016.0	1028.9	1017.7	982.0
55°	885.0	888.2	885.0	886.6	889.8	894.7	923.8	935.2	959.3	944.8	907.6
57.5°	804.1	799.2	804.1	807.3	809.0	813.7	838.0	859.1	873.7	875.2	830.0
60°	710.2	703.8	710.2	724.8	728.0	731.2	753.9	773.3	786.3	791.1	744.2
62.5°	627.7	616.4	627.7	637.5	643.9	652.0	668.1	697.3	708.6	710.2	643.9
65°	540.3	535.6	540.3	559.7	561.4	571.1	588.9	609.9	634.2	631.0	535.6
67.5°	461.1	461.1	461.1	474.1	483.7	488.6	511.3	520.9	551.7	555.0	446.5
70°	388.3	386.7	388.3	398.0	404.5	415.8	436.8	448.2	472.5	480.5	362.4
72.5°	318.7	317.1	318.7	326.8	333.3	343.0	360.8	373.7	394.7	404.5	281.5
75°	257.3	254.0	257.3	263.7	262.1	275.0	289.6	302.6	322.0	328.4	208.7
77.5°	197.4	197.4	197.4	203.8	203.8	216.8	223.2	239.5	250.8	260.5	153.7
80°	147.2	145.6	147.2	148.8	148.8	155.4	166.6	178.0	187.7	187.7	105.2
82.5°	103.5	100.3	103.5	103.5	103.5	106.8	113.3	116.4	122.9	127.8	66.3
85°	64.7	64.7	64.7	66.3	64.7	68.0	69.6	72.8	72.8	69.6	40.4
87.5°	42.1	40.4	42.1	40.4	40.4	38.8	38.8	38.8	37.2	35.6	22.7
90°	22.7	22.7	22.7	22.7	22.7	30.2	40.2	45.3	39.0	26.3	16.7
92.5°	90.7	72.8	90.7	108.8	113.3	160.6	223.6	255.2	224.0	161.8	115.1
95°	316.3	261.8	316.3	370.9	384.6	505.1	665.7	746.0	630.0	398.1	224.2
97.5°	758.0	654.1	758.0	861.8	887.8	963.9	1065.5	1116.2	922.9	536.2	246.3
100°	1092.1	968.3	1092.1	1215.8	1246.8	1241.3	1233.8	1230.1	1015.6	586.5	264.7
102.5°	1420.8	1314.8	1420.8	1526.8	1553.3	1456.3	1326.9	1262.3	1044.7	609.6	283.3
105°	1839.8	1782.8	1839.8	1896.8	1911.0	1693.6	1403.6	1258.7	1048.0	626.7	310.7
107.5°	2114.3	2128.1	2114.3	2100.5	2097.1	1793.7	1389.4	1187.2	1001.4	629.9	351.2
110°	2219.0	2278.3	2219.0	2159.6	2144.8	1805.7	1353.6	1127.5	960.0	625.1	373.9



TEST NUMBER: P936110

CATALOG NUMBER: SQ4-FA-150U-125D-830-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2228.3	2319.4	2228.3	2137.1	2114.4	1767.4	1304.7	1073.3	924.0	625.3	401.3
115°	2169.3	2295.6	2169.3	2042.9	2011.2	1676.9	1231.1	1008.3	882.6	631.1	442.4
117.5°	2043.9	2184.1	2043.9	1903.8	1868.7	1567.0	1164.7	963.6	856.7	642.8	482.4
120°	1943.0	2079.2	1943.0	1806.7	1772.7	1497.0	1129.4	945.7	847.9	652.3	505.6
122.5°	1844.7	1979.0	1844.7	1710.3	1676.7	1428.5	1097.5	932.0	843.4	666.0	533.1
125°	1704.4	1828.2	1704.4	1580.7	1549.7	1338.8	1057.6	917.1	839.6	684.5	568.2
127.5°	1578.3	1682.7	1578.3	1473.9	1447.8	1266.7	1025.3	904.6	837.4	702.9	602.2
130°	1503.9	1600.3	1503.9	1407.4	1383.3	1222.2	1007.2	899.8	838.7	716.5	624.8
132.5°	1436.4	1522.8	1436.4	1350.1	1328.5	1184.2	991.8	895.6	839.6	727.4	643.4
135°	1344.0	1418.5	1344.0	1269.6	1250.9	1130.1	969.0	888.4	838.7	739.4	664.8
137.5°	1270.0	1330.8	1270.0	1209.0	1193.8	1091.6	955.3	887.3	844.0	757.2	692.2
140°	1219.0	1276.0	1219.0	1162.0	1147.8	1059.5	941.9	883.1	844.8	768.2	710.8
142.5°	1176.9	1225.9	1176.9	1127.9	1115.7	1038.1	934.8	883.1	847.8	777.3	724.5
145°	1113.7	1150.8	1113.7	1076.6	1067.3	1003.9	919.4	877.1	847.9	789.3	745.3
147.5°	1065.2	1096.0	1065.2	1034.4	1026.7	976.8	910.4	877.1	853.7	806.8	771.6
150°	1034.7	1059.5	1034.7	1009.7	1003.5	961.4	905.2	877.1	856.7	815.9	785.3
152.5°	1008.6	1027.3	1008.6	989.7	985.1	949.1	901.1	877.1	858.7	821.9	794.2
155°	978.6	991.0	978.6	966.1	963.0	934.4	896.2	877.1	863.1	835.0	813.9
157.5°	954.8	963.6	954.8	946.1	943.9	921.6	891.9	877.1	867.5	848.1	833.5
160°	940.6	945.7	940.6	935.5	934.3	915.3	889.8	877.1	869.5	854.1	842.5
162.5°	931.3	936.1	931.3	926.6	925.4	909.3	887.8	877.1	871.6	860.4	852.1
165°	918.0	923.0	918.0	912.9	911.6	900.2	884.8	877.1	874.6	869.6	865.8
167.5°	908.4	910.5	908.4	906.3	905.7	898.2	888.1	883.1	881.0	876.7	873.5
170°	905.7	905.7	905.7	905.7	905.7	898.2	888.1	883.1	883.0	882.7	882.5
172.5°	898.6	896.8	898.6	900.5	900.9	895.0	887.1	883.1	883.1	883.1	883.1
175°	894.4	894.4	894.4	894.4	894.4	890.6	885.5	883.1	884.2	886.6	888.4
177.5°	890.5	888.4	890.5	892.6	893.2	890.2	886.3	884.3	885.3	887.1	888.4
180°	888.4	888.4	888.4	888.4	888.4	888.4	888.4	888.4	888.4	888.4	888.4



TEST NUMBER: P936110

CATALOG NUMBER: SQ4-FA-150U-125D-830-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1710.1	1710.1	1710.1	1710.1	1710.1	1710.1	1710.1	1710.1	1710.1	1710.1	1710.1
2.5°	1734.4	1724.6	1724.6	1708.5	1702.0	1697.1	1689.1	1664.8	1658.3	1651.9	1661.5
5°	1748.9	1731.1	1718.1	1689.1	1664.8	1655.0	1624.3	1566.1	1527.3	1498.1	1482.0
7.5°	1752.2	1729.5	1705.2	1659.9	1601.7	1575.8	1482.0	1375.2	1346.0	1320.1	1304.0
10°	1748.9	1723.0	1689.1	1621.1	1483.6	1438.3	1344.4	1274.8	1257.0	1252.3	1257.0
12.5°	1737.6	1713.3	1666.4	1553.1	1360.6	1329.9	1274.8	1234.4	1231.2	1239.3	1283.0
15°	1718.1	1695.6	1640.5	1462.6	1292.7	1270.0	1231.2	1216.6	1234.4	1291.1	1422.1
17.5°	1698.7	1672.9	1604.9	1373.6	1240.9	1224.7	1197.2	1226.4	1326.6	1402.6	1446.3
20°	1672.9	1642.1	1564.5	1308.9	1203.7	1189.2	1176.2	1307.2	1383.2	1410.8	1435.1
22.5°	1642.1	1609.8	1509.4	1263.5	1164.9	1153.5	1161.6	1352.5	1383.2	1402.6	1423.7
25°	1601.7	1574.1	1444.7	1228.0	1134.1	1121.2	1151.9	1347.7	1365.5	1370.3	1412.4
27.5°	1564.5	1528.8	1376.8	1195.6	1096.9	1092.0	1160.0	1326.6	1339.5	1344.4	1389.7
30°	1519.2	1465.7	1300.7	1161.6	1058.1	1056.5	1161.6	1300.7	1297.5	1310.5	1355.8
32.5°	1472.2	1372.0	1215.0	1119.6	1020.9	1019.3	1150.3	1261.9	1258.7	1276.5	1310.5
35°	1428.6	1299.1	1098.5	1071.0	974.0	975.6	1122.8	1216.6	1218.2	1234.4	1255.4
37.5°	1383.2	1236.0	970.7	1017.7	928.7	928.7	1085.5	1174.5	1171.3	1176.2	1205.3
40°	1329.9	1137.4	857.4	948.1	886.6	881.7	1040.3	1129.2	1117.9	1116.3	1156.8
42.5°	1273.3	1028.9	773.3	855.8	838.0	831.6	985.3	1074.3	1053.2	1058.1	1109.8
45°	1211.7	999.9	708.6	723.2	787.9	783.1	925.4	1011.2	996.6	1009.5	1063.0
47.5°	1150.3	941.6	687.6	600.3	734.5	732.9	859.1	949.7	941.6	954.6	1011.2
50°	1066.1	876.8	685.9	514.5	674.6	681.2	779.8	889.8	889.8	901.1	961.0
52.5°	957.8	797.6	622.8	466.0	605.1	624.5	710.2	838.0	841.3	852.7	906.0
55°	859.1	715.1	577.6	428.8	522.5	564.6	642.3	784.7	791.1	802.5	851.0
57.5°	768.5	595.4	567.9	385.1	446.5	487.0	582.4	732.9	736.1	745.9	792.7
60°	671.4	430.4	520.9	338.1	380.2	410.9	527.4	671.4	682.8	689.2	729.6
62.5°	561.4	312.2	472.5	305.7	347.8	354.3	482.1	613.2	627.7	632.6	656.9
65°	399.6	262.1	401.2	278.3	313.9	315.5	433.5	553.3	566.2	574.4	592.1
67.5°	270.2	213.6	305.7	252.4	287.9	289.6	386.7	483.7	501.5	508.0	519.3
70°	187.7	142.3	226.5	224.9	258.9	262.1	336.5	420.6	436.8	441.7	448.2
72.5°	137.5	114.9	187.7	202.2	228.1	231.4	284.7	349.4	365.7	370.4	373.7
75°	105.2	121.3	152.1	176.4	194.2	195.8	233.0	284.7	296.1	299.3	300.9
77.5°	84.1	113.3	111.7	142.3	158.5	155.4	182.8	220.1	229.7	229.7	229.7
80°	63.1	89.0	84.1	101.9	116.4	113.3	131.1	157.0	160.1	163.4	161.8
82.5°	46.9	56.6	56.6	64.7	77.6	74.4	87.4	101.9	101.9	101.9	105.2
85°	29.2	32.3	25.9	33.9	43.7	42.1	48.6	55.0	56.6	56.6	53.3
87.5°	17.8	14.5	8.1	12.9	19.4	19.4	22.7	24.3	22.7	22.7	22.7
90°	15.5	10.7	5.9	10.7	15.5	16.7	26.3	39.0	45.3	40.2	30.2
92.5°	105.0	64.3	23.8	64.3	105.0	115.1	161.8	224.0	255.2	223.6	160.6
95°	205.6	131.4	57.3	131.4	205.6	224.2	398.1	630.0	746.0	665.7	505.1
97.5°	229.9	164.4	98.9	164.4	229.9	246.3	536.2	922.9	1116.2	1065.5	963.9
100°	249.9	190.5	131.2	190.5	249.9	264.7	586.5	1015.6	1230.1	1233.8	1241.3
102.5°	269.4	214.0	158.6	214.0	269.4	283.3	609.6	1044.7	1262.3	1326.9	1456.3
105°	298.9	252.1	205.2	252.1	298.9	310.7	626.7	1048.0	1258.7	1403.6	1693.6
107.5°	340.3	296.6	252.9	296.6	340.3	351.2	629.9	1001.4	1187.2	1389.4	1793.7
110°	364.0	324.5	285.0	324.5	364.0	373.9	625.1	960.0	1127.5	1353.6	1805.7



TEST NUMBER: P936110

CATALOG NUMBER: SQ4-FA-150U-125D-830-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	392.0	354.3	316.6	354.3	392.0	401.3	625.3	924.0	1073.3	1304.7	1767.4
115°	433.7	399.0	364.3	399.0	433.7	442.4	631.1	882.6	1008.3	1231.1	1676.9
117.5°	474.6	443.0	411.5	443.0	474.6	482.4	642.8	856.7	963.6	1164.7	1567.0
120°	498.2	468.5	438.8	468.5	498.2	505.6	652.3	847.9	945.7	1129.4	1497.0
122.5°	525.6	495.6	465.7	495.6	525.6	533.1	666.0	843.4	932.0	1097.5	1428.5
125°	561.5	534.1	506.9	534.1	561.5	568.2	684.5	839.6	917.1	1057.6	1338.8
127.5°	595.3	567.8	540.2	567.8	595.3	602.2	702.9	837.4	904.6	1025.3	1266.7
130°	617.4	587.7	558.1	587.7	617.4	624.8	716.5	838.7	899.8	1007.2	1222.2
132.5°	635.9	606.3	576.6	606.3	635.9	643.4	727.4	839.6	895.6	991.8	1184.2
135°	658.0	631.1	604.0	631.1	658.0	664.8	739.4	838.7	888.4	969.0	1130.1
137.5°	685.5	658.8	632.0	658.8	685.5	692.2	757.2	844.0	887.3	955.3	1091.6
140°	704.7	680.0	655.3	680.0	704.7	710.8	768.2	844.8	883.1	941.9	1059.5
142.5°	718.7	696.0	673.2	696.0	718.7	724.5	777.3	847.8	883.1	934.8	1038.1
145°	740.3	720.5	700.7	720.5	740.3	745.3	789.3	847.9	877.1	919.4	1003.9
147.5°	766.7	747.4	728.0	747.4	766.7	771.6	806.8	853.7	877.1	910.4	976.8
150°	780.9	763.5	746.0	763.5	780.9	785.3	815.9	856.7	877.1	905.2	961.4
152.5°	790.9	777.7	764.4	777.7	790.9	794.2	821.9	858.7	877.1	901.1	949.1
155°	811.5	801.7	791.9	801.7	811.5	813.9	835.0	863.1	877.1	896.2	934.4
157.5°	831.1	821.7	812.1	821.7	831.1	833.5	848.1	867.5	877.1	891.9	921.6
160°	840.7	833.2	825.8	833.2	840.7	842.5	854.1	869.5	877.1	889.8	915.3
162.5°	850.6	845.1	839.6	845.1	850.6	852.1	860.4	871.6	877.1	887.8	909.3
165°	864.5	859.4	854.5	859.4	864.5	865.8	869.6	874.6	877.1	884.8	900.2
167.5°	872.9	870.5	868.1	870.5	872.9	873.5	876.7	881.0	883.1	888.1	898.2
170°	881.9	879.5	877.1	879.5	881.9	882.5	882.7	883.0	883.1	888.1	898.2
172.5°	883.0	882.4	881.9	882.4	883.0	883.1	883.1	883.1	883.1	887.1	895.0
175°	888.4	888.4	888.4	888.4	888.4	888.4	886.6	884.2	883.1	885.5	890.6
177.5°	888.4	888.4	888.4	888.4	888.4	888.4	887.1	885.3	884.3	886.3	890.2
180°	888.4	888.4	888.4	888.4	888.4	888.4	888.4	888.4	888.4	888.4	888.4



TEST NUMBER: P936110
 CATALOG NUMBER: SQ4-FA-150U-125D-830-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1710.1	1710.1	1710.1	1710.1	1710.1	1710.1	1710.1	1710.1	1710.1	1710.1	1710.1
2.5°	1650.2	1645.4	1651.9	1634.0	1651.9	1645.4	1650.2	1661.5	1651.9	1658.3	1664.8
5°	1448.0	1439.9	1414.0	1393.0	1414.0	1439.9	1448.0	1482.0	1498.1	1527.3	1566.1
7.5°	1294.3	1287.8	1281.3	1268.4	1281.3	1287.8	1294.3	1304.0	1320.1	1346.0	1375.2
10°	1260.3	1261.9	1271.7	1270.0	1271.7	1261.9	1260.3	1257.0	1252.3	1257.0	1274.8
12.5°	1347.7	1362.2	1415.6	1412.4	1415.6	1362.2	1347.7	1283.0	1239.3	1231.2	1234.4
15°	1448.0	1452.8	1464.2	1465.7	1464.2	1452.8	1448.0	1422.1	1291.1	1234.4	1216.6
17.5°	1457.7	1459.3	1467.4	1467.4	1467.4	1459.3	1457.7	1446.3	1402.6	1326.6	1226.4
20°	1449.6	1452.8	1469.0	1472.2	1469.0	1452.8	1449.6	1435.1	1410.8	1383.2	1307.2
22.5°	1446.3	1452.8	1465.7	1464.2	1465.7	1452.8	1446.3	1423.7	1402.6	1383.2	1352.5
25°	1430.2	1430.2	1431.8	1433.4	1431.8	1430.2	1430.2	1412.4	1370.3	1365.5	1347.7
27.5°	1396.2	1399.5	1409.1	1407.5	1409.1	1399.5	1396.2	1389.7	1344.4	1339.5	1326.6
30°	1365.5	1362.2	1354.2	1347.7	1354.2	1362.2	1365.5	1355.8	1310.5	1297.5	1300.7
32.5°	1313.7	1305.6	1297.5	1292.7	1297.5	1305.6	1313.7	1310.5	1276.5	1258.7	1261.9
35°	1252.3	1253.8	1252.3	1247.4	1252.3	1253.8	1252.3	1255.4	1234.4	1218.2	1216.6
37.5°	1208.6	1211.7	1210.2	1203.7	1210.2	1211.7	1208.6	1205.3	1176.2	1171.3	1174.5
40°	1163.3	1164.9	1163.3	1158.4	1163.3	1164.9	1163.3	1156.8	1116.3	1117.9	1129.2
42.5°	1119.6	1117.9	1113.1	1109.8	1113.1	1117.9	1119.6	1109.8	1058.1	1053.2	1074.3
45°	1069.4	1071.0	1061.4	1056.5	1061.4	1071.0	1069.4	1063.0	1009.5	996.6	1011.2
47.5°	1019.3	1019.3	1011.2	1006.3	1011.2	1019.3	1019.3	1011.2	954.6	941.6	949.7
50°	965.8	964.2	952.9	951.3	952.9	964.2	965.8	961.0	901.1	889.8	889.8
52.5°	904.4	904.4	906.0	909.3	906.0	904.4	904.4	906.0	852.7	841.3	838.0
55°	851.0	852.7	863.9	867.2	863.9	852.7	851.0	851.0	802.5	791.1	784.7
57.5°	796.0	796.0	804.1	804.1	804.1	796.0	796.0	792.7	745.9	736.1	732.9
60°	732.9	736.1	742.6	741.0	742.6	736.1	732.9	729.6	689.2	682.8	671.4
62.5°	666.5	669.8	671.4	668.1	671.4	669.8	666.5	656.9	632.6	627.7	613.2
65°	597.0	600.3	601.8	598.6	601.8	600.3	597.0	592.1	574.4	566.2	553.3
67.5°	525.8	524.2	522.5	529.1	522.5	524.2	525.8	519.3	508.0	501.5	483.7
70°	453.0	453.0	451.4	454.6	451.4	453.0	453.0	448.2	441.7	436.8	420.6
72.5°	375.3	373.7	380.2	375.3	380.2	373.7	375.3	373.7	370.4	365.7	349.4
75°	299.3	302.6	299.3	304.2	299.3	302.6	299.3	300.9	299.3	296.1	284.7
77.5°	228.1	231.4	228.1	228.1	228.1	231.4	228.1	229.7	229.7	229.7	220.1
80°	161.8	160.1	160.1	158.5	160.1	160.1	161.8	161.8	163.4	160.1	157.0
82.5°	103.5	101.9	101.9	105.2	101.9	101.9	103.5	105.2	101.9	101.9	101.9
85°	56.6	58.2	55.0	55.0	55.0	58.2	56.6	53.3	56.6	56.6	55.0
87.5°	21.0	19.4	19.4	19.4	19.4	19.4	21.0	22.7	22.7	22.7	24.3
90°	22.7	22.7	22.7	22.7	22.7	22.7	22.7	30.2	40.2	45.3	39.0
92.5°	113.3	108.8	90.7	72.8	90.7	108.8	113.3	160.6	223.6	255.2	224.0
95°	384.6	370.9	316.3	261.8	316.3	370.9	384.6	505.1	665.7	746.0	630.0
97.5°	887.8	861.8	758.0	654.1	758.0	861.8	887.8	963.9	1065.5	1116.2	922.9
100°	1246.8	1215.8	1092.1	968.3	1092.1	1215.8	1246.8	1241.3	1233.8	1230.1	1015.6
102.5°	1553.3	1526.8	1420.8	1314.8	1420.8	1526.8	1553.3	1456.3	1326.9	1262.3	1044.7
105°	1911.0	1896.8	1839.8	1782.8	1839.8	1896.8	1911.0	1693.6	1403.6	1258.7	1048.0
107.5°	2097.1	2100.5	2114.3	2128.1	2114.3	2100.5	2097.1	1793.7	1389.4	1187.2	1001.4
110°	2144.8	2159.6	2219.0	2278.3	2219.0	2159.6	2144.8	1805.7	1353.6	1127.5	960.0



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2114.4	2137.1	2228.3	2319.4	2228.3	2137.1	2114.4	1767.4	1304.7	1073.3	924.0
115°	2011.2	2042.9	2169.3	2295.6	2169.3	2042.9	2011.2	1676.9	1231.1	1008.3	882.6
117.5°	1868.7	1903.8	2043.9	2184.1	2043.9	1903.8	1868.7	1567.0	1164.7	963.6	856.7
120°	1772.7	1806.7	1943.0	2079.2	1943.0	1806.7	1772.7	1497.0	1129.4	945.7	847.9
122.5°	1676.7	1710.3	1844.7	1979.0	1844.7	1710.3	1676.7	1428.5	1097.5	932.0	843.4
125°	1549.7	1580.7	1704.4	1828.2	1704.4	1580.7	1549.7	1338.8	1057.6	917.1	839.6
127.5°	1447.8	1473.9	1578.3	1682.7	1578.3	1473.9	1447.8	1266.7	1025.3	904.6	837.4
130°	1383.3	1407.4	1503.9	1600.3	1503.9	1407.4	1383.3	1222.2	1007.2	899.8	838.7
132.5°	1328.5	1350.1	1436.4	1522.8	1436.4	1350.1	1328.5	1184.2	991.8	895.6	839.6
135°	1250.9	1269.6	1344.0	1418.5	1344.0	1269.6	1250.9	1130.1	969.0	888.4	838.7
137.5°	1193.8	1209.0	1270.0	1330.8	1270.0	1209.0	1193.8	1091.6	955.3	887.3	844.0
140°	1147.8	1162.0	1219.0	1276.0	1219.0	1162.0	1147.8	1059.5	941.9	883.1	844.8
142.5°	1115.7	1127.9	1176.9	1225.9	1176.9	1127.9	1115.7	1038.1	934.8	883.1	847.8
145°	1067.3	1076.6	1113.7	1150.8	1113.7	1076.6	1067.3	1003.9	919.4	877.1	847.9
147.5°	1026.7	1034.4	1065.2	1096.0	1065.2	1034.4	1026.7	976.8	910.4	877.1	853.7
150°	1003.5	1009.7	1034.7	1059.5	1034.7	1009.7	1003.5	961.4	905.2	877.1	856.7
152.5°	985.1	989.7	1008.6	1027.3	1008.6	989.7	985.1	949.1	901.1	877.1	858.7
155°	963.0	966.1	978.6	991.0	978.6	966.1	963.0	934.4	896.2	877.1	863.1
157.5°	943.9	946.1	954.8	963.6	954.8	946.1	943.9	921.6	891.9	877.1	867.5
160°	934.3	935.5	940.6	945.7	940.6	935.5	934.3	915.3	889.8	877.1	869.5
162.5°	925.4	926.6	931.3	936.1	931.3	926.6	925.4	909.3	887.8	877.1	871.6
165°	911.6	912.9	918.0	923.0	918.0	912.9	911.6	900.2	884.8	877.1	874.6
167.5°	905.7	906.3	908.4	910.5	908.4	906.3	905.7	898.2	888.1	883.1	881.0
170°	905.7	905.7	905.7	905.7	905.7	905.7	905.7	898.2	888.1	883.1	883.0
172.5°	900.9	900.5	898.6	896.8	898.6	900.5	900.9	895.0	887.1	883.1	883.1
175°	894.4	894.4	894.4	894.4	894.4	894.4	894.4	890.6	885.5	883.1	884.2
177.5°	893.2	892.6	890.5	888.4	890.5	892.6	893.2	890.2	886.3	884.3	885.3
180°	888.4	888.4	888.4	888.4	888.4	888.4	888.4	888.4	888.4	888.4	888.4



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1710.1	1710.1	1710.1	1710.1	1710.1
2.5°	1689.1	1697.1	1702.0	1708.5	1724.6
5°	1624.3	1655.0	1664.8	1689.1	1718.1
7.5°	1482.0	1575.8	1601.7	1659.9	1705.2
10°	1344.4	1438.3	1483.6	1621.1	1689.1
12.5°	1274.8	1329.9	1360.6	1553.1	1666.4
15°	1231.2	1270.0	1292.7	1462.6	1640.5
17.5°	1197.2	1224.7	1240.9	1373.6	1604.9
20°	1176.2	1189.2	1203.7	1308.9	1564.5
22.5°	1161.6	1153.5	1164.9	1263.5	1509.4
25°	1151.9	1121.2	1134.1	1228.0	1444.7
27.5°	1160.0	1092.0	1096.9	1195.6	1376.8
30°	1161.6	1056.5	1058.1	1161.6	1300.7
32.5°	1150.3	1019.3	1020.9	1119.6	1215.0
35°	1122.8	975.6	974.0	1071.0	1098.5
37.5°	1085.5	928.7	928.7	1017.7	970.7
40°	1040.3	881.7	886.6	948.1	857.4
42.5°	985.3	831.6	838.0	855.8	773.3
45°	925.4	783.1	787.9	723.2	708.6
47.5°	859.1	732.9	734.5	600.3	687.6
50°	779.8	681.2	674.6	514.5	685.9
52.5°	710.2	624.5	605.1	466.0	622.8
55°	642.3	564.6	522.5	428.8	577.6
57.5°	582.4	487.0	446.5	385.1	567.9
60°	527.4	410.9	380.2	338.1	520.9
62.5°	482.1	354.3	347.8	305.7	472.5
65°	433.5	315.5	313.9	278.3	401.2
67.5°	386.7	289.6	287.9	252.4	305.7
70°	336.5	262.1	258.9	224.9	226.5
72.5°	284.7	231.4	228.1	202.2	187.7
75°	233.0	195.8	194.2	176.4	152.1
77.5°	182.8	155.4	158.5	142.3	111.7
80°	131.1	113.3	116.4	101.9	84.1
82.5°	87.4	74.4	77.6	64.7	56.6
85°	48.6	42.1	43.7	33.9	25.9
87.5°	22.7	19.4	19.4	12.9	8.1
90°	26.3	16.7	15.5	10.7	5.9
92.5°	161.8	115.1	105.0	64.3	23.8
95°	398.1	224.2	205.6	131.4	57.3
97.5°	536.2	246.3	229.9	164.4	98.9
100°	586.5	264.7	249.9	190.5	131.2
102.5°	609.6	283.3	269.4	214.0	158.6
105°	626.7	310.7	298.9	252.1	205.2
107.5°	629.9	351.2	340.3	296.6	252.9
110°	625.1	373.9	364.0	324.5	285.0



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CATALOG NUMBER: SQ4-FA-150U-125D-830-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	625.3	401.3	392.0	354.3	316.6
115°	631.1	442.4	433.7	399.0	364.3
117.5°	642.8	482.4	474.6	443.0	411.5
120°	652.3	505.6	498.2	468.5	438.8
122.5°	666.0	533.1	525.6	495.6	465.7
125°	684.5	568.2	561.5	534.1	506.9
127.5°	702.9	602.2	595.3	567.8	540.2
130°	716.5	624.8	617.4	587.7	558.1
132.5°	727.4	643.4	635.9	606.3	576.6
135°	739.4	664.8	658.0	631.1	604.0
137.5°	757.2	692.2	685.5	658.8	632.0
140°	768.2	710.8	704.7	680.0	655.3
142.5°	777.3	724.5	718.7	696.0	673.2
145°	789.3	745.3	740.3	720.5	700.7
147.5°	806.8	771.6	766.7	747.4	728.0
150°	815.9	785.3	780.9	763.5	746.0
152.5°	821.9	794.2	790.9	777.7	764.4
155°	835.0	813.9	811.5	801.7	791.9
157.5°	848.1	833.5	831.1	821.7	812.1
160°	854.1	842.5	840.7	833.2	825.8
162.5°	860.4	852.1	850.6	845.1	839.6
165°	869.6	865.8	864.5	859.4	854.5
167.5°	876.7	873.5	872.9	870.5	868.1
170°	882.7	882.5	881.9	879.5	877.1
172.5°	883.1	883.1	883.0	882.4	881.9
175°	886.6	888.4	888.4	888.4	888.4
177.5°	887.1	888.4	888.4	888.4	888.4
180°	888.4	888.4	888.4	888.4	888.4



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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	13.77	14.57	14.78	15.59	16.95	16.56	17.37	17.58	18.39	19.75
	3H	14.24	14.96	15.26	15.99	17.37	17.90	18.62	18.92	19.65	21.03
	4H	14.43	15.11	15.46	16.15	17.53	18.33	19.01	19.36	20.05	21.44
	6H	14.55	15.17	15.59	16.21	17.61	18.61	19.24	19.65	20.27	21.67
	8H	14.54	15.14	15.59	16.20	17.59	18.67	19.27	19.72	20.33	21.72
	12H	14.51	15.08	15.57	16.13	17.55	18.71	19.28	19.76	20.32	21.74
4H	2H	14.79	15.47	15.83	16.50	17.89	16.97	17.65	18.01	18.68	20.07
	3H	15.81	16.38	16.86	17.44	18.84	18.46	19.03	19.51	20.09	21.49
	4H	16.08	16.60	17.14	17.65	19.08	18.98	19.50	20.03	20.55	21.98
	6H	16.20	16.65	17.27	17.73	19.15	19.33	19.78	20.40	20.86	22.28
	8H	16.21	16.63	17.27	17.69	19.13	19.43	19.85	20.50	20.92	22.35
	12H	16.17	16.55	17.26	17.63	19.07	19.48	19.86	20.57	20.94	22.38
8H	4H	16.52	16.94	17.59	18.01	19.45	19.10	19.52	20.17	20.59	22.02
	6H	16.78	17.13	17.87	18.24	19.67	19.53	19.87	20.61	20.98	22.41
	8H	16.83	17.13	17.92	18.22	19.67	19.67	19.98	20.77	21.07	22.52
	12H	16.81	17.07	17.91	18.16	19.65	19.76	20.03	20.86	21.12	22.61
12H	4H	16.53	16.91	17.61	17.99	19.43	19.06	19.44	20.15	20.52	21.96
	6H	16.84	17.15	17.94	18.24	19.69	19.52	19.83	20.62	20.92	22.37
	8H	16.91	17.17	18.01	18.26	19.75	19.68	19.94	20.78	21.03	22.52