

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: P936014

Luminaire Tested: SQ4-FA-150U-100D-835-1D-UNV-STD-W-4

Issue Date: 12/17/2024

**Test Information**

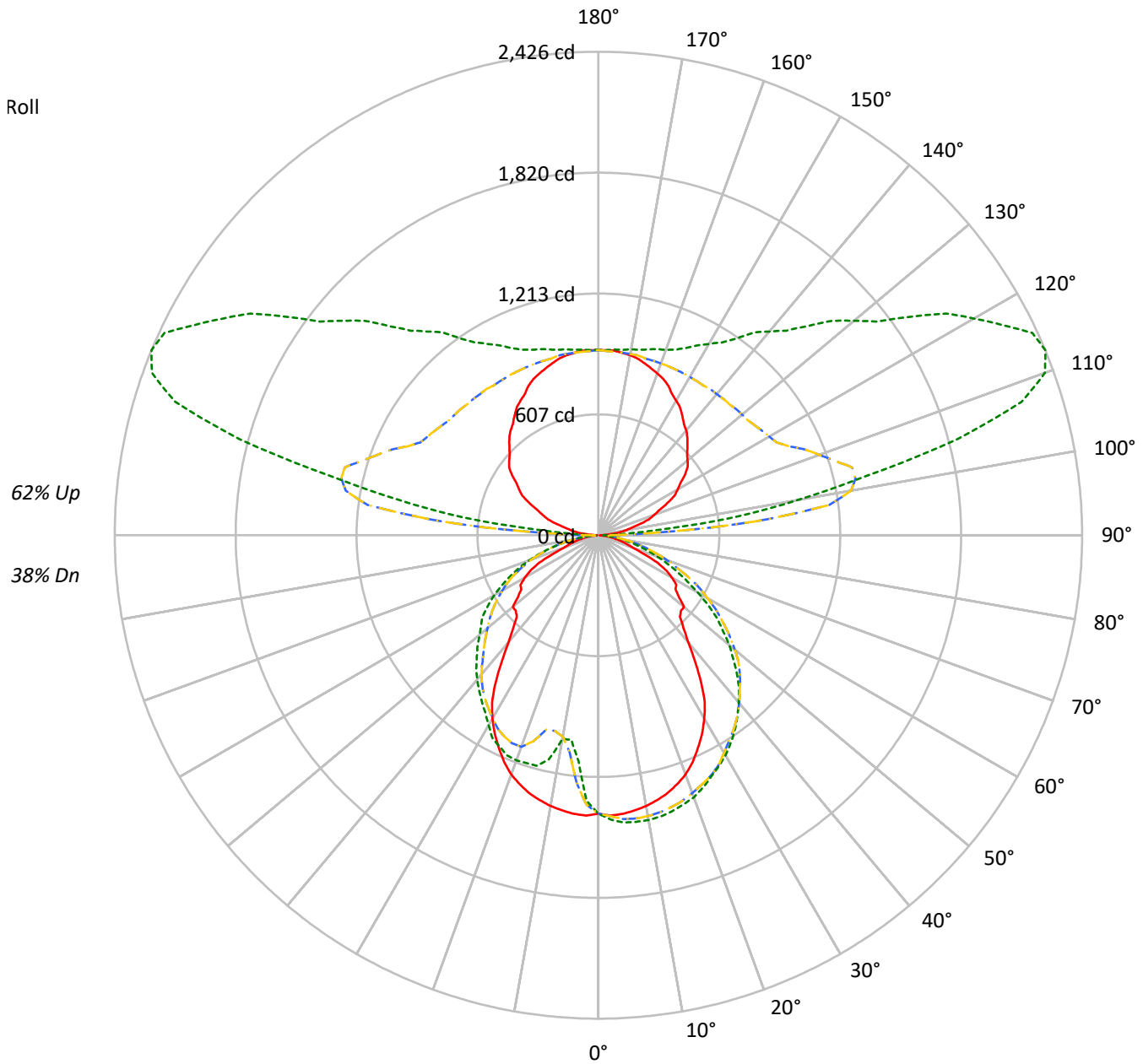
Test Method: LM-79-2019  
Report Number: P936014  
REPORT IS A COMBINATION OF REPORTS P933778 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-150U-100D-835-1D-UNV-STD-W-4  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9649.0 lumens  
Efficiency: N/A  
Efficacy: 133.3 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-Indirect  
  
Input Watts (W): 72.4  
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	104	104	104	104	94	94	94	94	76	76	76	60	60	60	45	45	45	38				38
1	95	91	87	84	86	83	79	76	67	65	63	53	51	50	40	39	38	32				32
2	87	79	73	68	78	72	67	63	59	55	52	46	44	42	35	33	32	27				27
3	79	70	62	57	71	63	57	52	52	47	44	41	38	35	31	29	27	23				23
4	72	62	54	48	65	56	49	44	46	41	37	36	33	30	28	25	23	19				19
5	66	55	47	41	60	50	43	38	41	36	32	33	29	26	25	22	20	17				17
6	61	49	41	35	55	45	38	33	37	32	28	29	26	23	22	20	18	15				15
7	56	44	36	31	51	40	34	29	33	28	24	27	23	20	20	18	16	13				13
8	52	40	32	27	47	37	30	25	30	25	21	24	21	18	19	16	14	12				12
9	48	36	29	24	44	33	27	22	28	23	19	22	19	16	17	15	13	10				10
10	45	33	26	21	41	31	24	20	25	21	17	21	17	14	16	13	11	9				9

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

	0°	90°	180°	270°
0°	12958	12958	12958	12958
5°	13042	13082	13042	10286
10°	12940	12886	12940	9213
15°	12784	12606	12784	10526
20°	12502	12276	12502	10549
25°	11941	11794	11941	10325
30°	11220	11393	11220	9835
35°	9987	10887	9987	9295
40°	8309	10290	8309	8888
45°	7409	9592	7409	8419
50°	7853	8760	7853	7949
55°	7368	7863	7368	7677
60°	7567	6677	7567	7031
65°	6829	5520	6829	6171
70°	4697	4400	4697	5173
75°	4073	3251	4073	3894
80°	3215	2150	3215	2341
85°	1747	1138	1747	967

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 11377 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	126.1	1.3
10°-20°	357.9	3.7
20°-30°	553.3	5.7
30°-40°	660.5	6.8
40°-50°	664.4	6.9
50°-60°	578.1	6.0
60°-70°	409.9	4.2
70°-80°	216.8	2.2
80°-90°	57.5	0.6
90°-100°	453.0	4.7
100°-110°	1191.0	12.3
110°-120°	1234.9	12.8
120°-130°	990.5	10.3
130°-140°	777.2	8.1
140°-150°	596.6	6.2
150°-160°	429.6	4.5
160°-170°	262.9	2.7
170°-180°	88.8	0.9
0°-30°	1037.3	10.8
0°-40°	1697.8	17.6
0°-60°	2940.3	30.5
0°-90°	3624.5	37.6
90°-120°	2878.9	29.8
90°-150°	5243.2	54.3
90°-180°	6024.0	62.4
0°-180°	9649.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1396	1396	1396	1396	1396	
5°	1403	1447	1403	1138	1403	133
15°	1340	1434	1340	1197	1340	377
25°	1180	1337	1180	1171	1180	542
35°	897	1193	897	1019	897	555
45°	579	983	579	863	579	464
55°	472	725	472	708	472	433
65°	328	437	328	489	328	313
75°	124	207	124	248	124	131
85°	21	53	21	45	21	29
90°	6	24	6	24	6	6
95°	60	274	60	274	60	66
105°	215	1865	215	1865	215	227
115°	381	2401	381	2401	381	376
125°	530	1912	530	1912	530	471
135°	632	1484	632	1484	632	489
145°	733	1204	733	1204	733	459
155°	828	1037	828	1037	828	381
165°	894	966	894	966	894	252
175°	929	936	929	936	929	88
180°	929	929	929	929	929	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1396.5	1396.5	1396.5	1396.5	1396.5	1396.5	1396.5	1396.5	1396.5	1396.5	1396.5
2.5°	1408.4	1408.4	1416.4	1419.0	1419.0	1415.0	1411.1	1415.0	1426.9	1430.9	1429.6
5°	1403.2	1413.7	1428.3	1430.9	1433.5	1432.2	1429.6	1432.2	1445.4	1448.1	1449.4
7.5°	1392.6	1412.4	1430.9	1434.9	1438.8	1434.9	1433.5	1436.2	1449.4	1452.0	1452.0
10°	1379.4	1407.1	1428.3	1430.9	1434.9	1430.9	1430.9	1436.2	1449.4	1452.0	1453.4
12.5°	1360.9	1399.2	1419.0	1421.7	1426.9	1425.6	1424.3	1429.6	1442.8	1445.4	1445.4
15°	1339.7	1384.7	1403.2	1405.8	1415.0	1412.4	1412.4	1417.7	1432.2	1436.2	1434.9
17.5°	1310.7	1366.2	1387.3	1391.3	1397.9	1396.5	1397.9	1403.2	1416.4	1419.0	1420.3
20°	1277.6	1341.1	1366.2	1370.1	1376.7	1376.7	1376.7	1383.3	1396.5	1401.8	1401.8
22.5°	1232.7	1314.6	1341.1	1343.7	1351.6	1351.6	1354.3	1363.5	1375.4	1376.7	1376.7
25°	1179.9	1285.6	1308.0	1316.0	1323.9	1327.8	1331.8	1337.1	1341.1	1339.7	1341.1
27.5°	1124.4	1248.6	1277.6	1282.9	1293.5	1297.5	1302.7	1304.1	1305.4	1309.3	1306.7
30°	1062.3	1197.0	1240.6	1245.9	1263.1	1265.7	1260.5	1263.1	1269.7	1272.4	1275.0
32.5°	992.2	1120.4	1202.3	1214.2	1230.1	1222.1	1220.8	1224.8	1235.4	1235.4	1238.0
35°	897.1	1061.0	1166.7	1177.2	1189.1	1179.9	1185.1	1186.5	1193.1	1197.0	1195.7
37.5°	792.7	1009.4	1129.7	1137.6	1146.8	1134.9	1142.9	1146.8	1152.1	1149.5	1149.5
40°	700.3	928.8	1086.1	1091.3	1099.3	1090.0	1097.9	1100.6	1103.2	1100.6	1099.3
42.5°	631.6	840.3	1039.8	1046.4	1041.1	1047.7	1050.4	1055.7	1051.7	1046.4	1046.4
45°	578.7	816.5	989.6	997.5	989.6	1000.2	1004.1	1004.1	992.2	989.6	988.3
47.5°	561.5	769.0	939.4	939.4	935.4	948.6	955.3	946.0	934.1	930.2	930.2
50°	560.2	716.1	870.7	865.4	883.9	899.8	893.2	883.9	874.7	860.1	860.1
52.5°	508.7	651.4	782.2	802.0	831.1	840.3	829.7	820.5	804.6	798.0	792.7
55°	471.7	584.0	701.6	741.2	771.6	783.5	763.7	754.4	730.6	726.7	724.0
57.5°	463.8	486.2	627.6	677.8	714.8	713.5	701.6	684.4	664.6	660.6	659.3
60°	425.4	351.4	548.3	607.8	646.1	642.1	631.6	615.7	597.2	594.6	591.9
62.5°	385.8	255.0	458.5	525.9	580.0	578.7	569.5	545.7	532.5	525.9	520.6
65°	327.7	214.0	326.3	437.3	515.3	517.9	498.1	480.9	466.4	458.5	457.1
67.5°	249.7	174.4	220.6	364.7	453.2	450.5	425.4	417.5	399.0	395.0	387.1
70°	185.0	116.3	153.3	296.0	392.4	385.8	366.0	356.7	339.6	330.3	325.0
72.5°	153.3	93.8	112.3	229.9	330.3	322.4	305.2	294.6	280.1	272.2	266.9
75°	124.2	99.1	85.9	170.4	268.2	262.9	247.1	236.5	224.6	214.0	215.4
77.5°	91.2	92.5	68.7	125.5	212.7	204.8	195.5	182.3	177.0	166.5	166.5
80°	68.7	72.7	51.5	85.9	153.3	153.3	145.3	136.1	126.8	121.6	121.6
82.5°	46.2	46.2	38.3	54.2	104.4	100.4	95.1	92.5	87.2	84.6	84.6
85°	21.1	26.4	23.8	33.0	56.8	59.5	59.5	56.8	55.5	52.8	54.2
87.5°	6.6	11.9	14.5	18.5	29.1	30.4	31.7	31.7	31.7	33.0	33.0
90°	6.2	11.2	16.2	17.5	27.5	40.8	47.4	42.1	31.6	23.7	23.7
92.5°	24.9	67.3	109.8	120.4	169.2	234.3	266.9	233.9	168.0	118.5	113.8
95°	59.9	137.5	215.1	234.5	416.4	659.0	780.3	696.3	528.3	402.3	388.0
97.5°	103.5	172.0	240.5	257.6	560.9	965.4	1167.6	1114.5	1008.3	928.7	901.5
100°	137.2	199.3	261.4	276.9	613.5	1062.3	1286.7	1290.6	1298.4	1304.2	1271.8
102.5°	165.9	223.9	281.8	296.3	637.7	1092.8	1320.4	1388.0	1523.3	1624.8	1597.1
105°	214.6	263.7	312.7	325.0	655.5	1096.2	1316.6	1468.2	1771.5	1999.0	1984.1
107.5°	264.5	310.2	356.0	367.4	658.9	1047.5	1241.8	1453.3	1876.3	2193.6	2197.2
110°	298.1	339.4	380.8	391.1	653.9	1004.2	1179.4	1415.9	1888.8	2243.5	2259.0



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	331.2	370.6	410.0	419.8	654.1	966.5	1122.7	1364.7	1848.7	2211.7	2235.5
115°	381.1	417.4	453.7	462.8	660.1	923.2	1054.7	1287.8	1754.1	2103.8	2136.9
117.5°	430.4	463.4	496.4	504.6	672.4	896.1	1007.9	1218.3	1639.1	1954.7	1991.4
120°	459.0	490.1	521.1	528.9	682.3	886.9	989.2	1181.4	1565.9	1854.3	1889.9
122.5°	487.1	518.4	549.8	557.6	696.7	882.2	974.9	1148.0	1494.2	1753.9	1789.0
125°	530.2	558.7	587.3	594.4	716.0	878.2	959.3	1106.3	1400.4	1621.0	1653.4
127.5°	565.1	593.9	622.7	629.9	735.3	875.9	946.2	1072.5	1325.0	1514.4	1541.7
130°	583.8	614.8	645.8	653.6	749.5	877.3	941.2	1053.6	1278.4	1447.0	1472.2
132.5°	603.1	634.2	665.2	673.0	760.9	878.2	936.8	1037.4	1238.7	1389.6	1412.2
135°	631.8	660.1	688.3	695.4	773.4	877.3	929.3	1013.6	1182.1	1308.5	1328.0
137.5°	661.1	689.1	717.1	724.1	792.1	882.8	928.1	999.3	1141.8	1248.7	1264.6
140°	685.5	711.3	737.1	743.5	803.6	883.7	923.7	985.2	1108.3	1200.6	1215.5
142.5°	704.2	728.0	751.8	757.8	813.1	886.8	923.7	977.8	1085.9	1167.0	1179.8
145°	732.9	753.7	774.4	779.6	825.6	886.9	917.5	961.7	1050.1	1116.4	1126.1
147.5°	761.5	781.8	802.0	807.1	843.9	893.0	917.5	952.3	1021.8	1074.0	1082.0
150°	780.3	798.6	816.8	821.4	853.4	896.1	917.5	946.9	1005.6	1049.7	1056.2
152.5°	799.6	813.5	827.3	830.8	859.7	898.2	917.5	942.6	992.8	1030.4	1035.3
155°	828.3	838.6	848.8	851.4	873.4	902.8	917.5	937.5	977.4	1007.3	1010.6
157.5°	849.5	859.5	869.4	871.9	887.1	907.4	917.5	933.0	964.0	987.3	989.6
160°	863.8	871.6	879.4	881.3	893.4	909.5	917.5	930.8	957.4	977.3	978.6
162.5°	878.2	884.0	889.8	891.3	900.0	911.7	917.5	928.7	951.2	968.0	969.2
165°	893.8	899.0	904.3	905.6	909.6	914.9	917.5	925.5	941.6	953.6	954.9
167.5°	908.1	910.6	913.1	913.7	917.0	921.5	923.7	929.0	939.5	947.4	948.0
170°	917.5	920.0	922.5	923.1	923.3	923.6	923.7	929.0	939.5	947.4	947.4
172.5°	922.5	923.0	923.6	923.7	923.7	923.7	923.7	927.9	936.2	942.4	941.9
175°	929.3	929.3	929.3	929.3	927.4	924.9	923.7	926.3	931.6	935.6	935.6
177.5°	929.3	929.3	929.3	929.3	927.9	926.0	925.0	927.1	931.2	934.3	933.7
180°	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1396.5	1396.5	1396.5	1396.5	1396.5	1396.5	1396.5	1396.5	1396.5	1396.5	1396.5
2.5°	1432.2	1428.3	1432.2	1429.6	1430.9	1426.9	1415.0	1411.1	1415.0	1419.0	1419.0
5°	1449.4	1446.8	1449.4	1449.4	1448.1	1445.4	1432.2	1429.6	1432.2	1433.5	1430.9
7.5°	1454.7	1450.7	1454.7	1452.0	1452.0	1449.4	1436.2	1433.5	1434.9	1438.8	1434.9
10°	1454.7	1450.7	1454.7	1453.4	1452.0	1449.4	1436.2	1430.9	1430.9	1434.9	1430.9
12.5°	1448.1	1445.4	1448.1	1445.4	1445.4	1442.8	1429.6	1424.3	1425.6	1426.9	1421.7
15°	1437.5	1433.5	1437.5	1434.9	1436.2	1432.2	1417.7	1412.4	1412.4	1415.0	1405.8
17.5°	1421.7	1416.4	1421.7	1420.3	1419.0	1416.4	1403.2	1397.9	1396.5	1397.9	1391.3
20°	1403.2	1399.2	1403.2	1401.8	1401.8	1396.5	1383.3	1376.7	1376.7	1376.7	1370.1
22.5°	1374.1	1370.1	1374.1	1376.7	1376.7	1375.4	1363.5	1354.3	1351.6	1351.6	1343.7
25°	1341.1	1337.1	1341.1	1341.1	1339.7	1341.1	1337.1	1331.8	1327.8	1323.9	1316.0
27.5°	1309.3	1306.7	1309.3	1306.7	1309.3	1305.4	1304.1	1302.7	1297.5	1293.5	1282.9
30°	1277.6	1275.0	1277.6	1275.0	1272.4	1269.7	1263.1	1260.5	1265.7	1263.1	1245.9
32.5°	1238.0	1235.4	1238.0	1238.0	1235.4	1235.4	1224.8	1220.8	1222.1	1230.1	1214.2
35°	1197.0	1193.1	1197.0	1195.7	1197.0	1193.1	1186.5	1185.1	1179.9	1189.1	1177.2
37.5°	1149.5	1145.5	1149.5	1149.5	1149.5	1152.1	1146.8	1142.9	1134.9	1146.8	1137.6
40°	1100.6	1095.3	1100.6	1099.3	1100.6	1103.2	1100.6	1097.9	1090.0	1099.3	1091.3
42.5°	1045.1	1043.8	1045.1	1046.4	1046.4	1051.7	1055.7	1050.4	1047.7	1041.1	1046.4
45°	985.6	983.0	985.6	988.3	989.6	992.2	1004.1	1004.1	1000.2	989.6	997.5
47.5°	922.2	915.6	922.2	930.2	930.2	934.1	946.0	955.3	948.6	935.4	939.4
50°	854.8	856.2	854.8	860.1	860.1	874.7	883.9	893.2	899.8	883.9	865.4
52.5°	788.8	787.5	788.8	792.7	798.0	804.6	820.5	829.7	840.3	831.1	802.0
55°	722.7	725.4	722.7	724.0	726.7	730.6	754.4	763.7	783.5	771.6	741.2
57.5°	656.7	652.7	656.7	659.3	660.6	664.6	684.4	701.6	713.5	714.8	677.8
60°	580.0	574.7	580.0	591.9	594.6	597.2	615.7	631.6	642.1	646.1	607.8
62.5°	512.6	503.4	512.6	520.6	525.9	532.5	545.7	569.5	578.7	580.0	525.9
65°	441.3	437.3	441.3	457.1	458.5	466.4	480.9	498.1	517.9	515.3	437.3
67.5°	376.6	376.6	376.6	387.1	395.0	399.0	417.5	425.4	450.5	453.2	364.7
70°	317.1	315.8	317.1	325.0	330.3	339.6	356.7	366.0	385.8	392.4	296.0
72.5°	260.3	259.0	260.3	266.9	272.2	280.1	294.6	305.2	322.4	330.3	229.9
75°	210.1	207.4	210.1	215.4	214.0	224.6	236.5	247.1	262.9	268.2	170.4
77.5°	161.2	161.2	161.2	166.5	166.5	177.0	182.3	195.5	204.8	212.7	125.5
80°	120.2	118.9	120.2	121.6	121.6	126.8	136.1	145.3	153.3	153.3	85.9
82.5°	84.6	81.9	84.6	84.6	84.6	87.2	92.5	95.1	100.4	104.4	54.2
85°	52.8	52.8	52.8	54.2	52.8	55.5	56.8	59.5	59.5	56.8	33.0
87.5°	34.4	33.0	34.4	33.0	33.0	31.7	31.7	31.7	30.4	29.1	18.5
90°	23.7	23.7	23.7	23.7	23.7	31.6	42.1	47.4	40.8	27.5	17.5
92.5°	94.9	76.1	94.9	113.8	118.5	168.0	233.9	266.9	234.3	169.2	120.4
95°	330.9	273.8	330.9	388.0	402.3	528.3	696.3	780.3	659.0	416.4	234.5
97.5°	792.9	684.2	792.9	901.5	928.7	1008.3	1114.5	1167.6	965.4	560.9	257.6
100°	1142.4	1012.9	1142.4	1271.8	1304.2	1298.4	1290.6	1286.7	1062.3	613.5	276.9
102.5°	1486.2	1375.3	1486.2	1597.1	1624.8	1523.3	1388.0	1320.4	1092.8	637.7	296.3
105°	1924.5	1864.9	1924.5	1984.1	1999.0	1771.5	1468.2	1316.6	1096.2	655.5	325.0
107.5°	2211.6	2226.0	2211.6	2197.2	2193.6	1876.3	1453.3	1241.8	1047.5	658.9	367.4
110°	2321.1	2383.2	2321.1	2259.0	2243.5	1888.8	1415.9	1179.4	1004.2	653.9	391.1





TEST NUMBER: P936014

CATALOG NUMBER: SQ4-FA-150U-100D-835-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2330.9	2426.2	2330.9	2235.5	2211.7	1848.7	1364.7	1122.7	966.5	654.1	419.8
115°	2269.1	2401.3	2269.1	2136.9	2103.8	1754.1	1287.8	1054.7	923.2	660.1	462.8
117.5°	2138.0	2284.6	2138.0	1991.4	1954.7	1639.1	1218.3	1007.9	896.1	672.4	504.6
120°	2032.4	2174.9	2032.4	1889.9	1854.3	1565.9	1181.4	989.2	886.9	682.3	528.9
122.5°	1929.6	2070.1	1929.6	1789.0	1753.9	1494.2	1148.0	974.9	882.2	696.7	557.6
125°	1782.8	1912.3	1782.8	1653.4	1621.0	1400.4	1106.3	959.3	878.2	716.0	594.4
127.5°	1650.9	1760.1	1650.9	1541.7	1514.4	1325.0	1072.5	946.2	875.9	735.3	629.9
130°	1573.1	1674.0	1573.1	1472.2	1447.0	1278.4	1053.6	941.2	877.3	749.5	653.6
132.5°	1502.5	1592.9	1502.5	1412.2	1389.6	1238.7	1037.4	936.8	878.2	760.9	673.0
135°	1405.9	1483.8	1405.9	1328.0	1308.5	1182.1	1013.6	929.3	877.3	773.4	695.4
137.5°	1328.4	1392.1	1328.4	1264.6	1248.7	1141.8	999.3	928.1	882.8	792.1	724.1
140°	1275.1	1334.7	1275.1	1215.5	1200.6	1108.3	985.2	923.7	883.7	803.6	743.5
142.5°	1231.1	1282.3	1231.1	1179.8	1167.0	1085.9	977.8	923.7	886.8	813.1	757.8
145°	1165.0	1203.8	1165.0	1126.1	1116.4	1050.1	961.7	917.5	886.9	825.6	779.6
147.5°	1114.2	1146.4	1114.2	1082.0	1074.0	1021.8	952.3	917.5	893.0	843.9	807.1
150°	1082.3	1108.3	1082.3	1056.2	1049.7	1005.6	946.9	917.5	896.1	853.4	821.4
152.5°	1055.0	1074.6	1055.0	1035.3	1030.4	992.8	942.6	917.5	898.2	859.7	830.8
155°	1023.6	1036.6	1023.6	1010.6	1007.3	977.4	937.5	917.5	902.8	873.4	851.4
157.5°	998.7	1007.9	998.7	989.6	987.3	964.0	933.0	917.5	907.4	887.1	871.9
160°	983.9	989.2	983.9	978.6	977.3	957.4	930.8	917.5	909.5	893.4	881.3
162.5°	974.2	979.2	974.2	969.2	968.0	951.2	928.7	917.5	911.7	900.0	891.3
165°	960.2	965.5	960.2	954.9	953.6	941.6	925.5	917.5	914.9	909.6	905.6
167.5°	950.2	952.4	950.2	948.0	947.4	939.5	929.0	923.7	921.5	917.0	913.7
170°	947.4	947.4	947.4	947.4	947.4	939.5	929.0	923.7	923.6	923.3	923.1
172.5°	940.0	938.1	940.0	941.9	942.4	936.2	927.9	923.7	923.7	923.7	923.7
175°	935.6	935.6	935.6	935.6	935.6	931.6	926.3	923.7	924.9	927.4	929.3
177.5°	931.5	929.3	931.5	933.7	934.3	931.2	927.1	925.0	926.0	927.9	929.3
180°	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3



TEST NUMBER: P936014

CATALOG NUMBER: SQ4-FA-150U-100D-835-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1396.5	1396.5	1396.5	1396.5	1396.5	1396.5	1396.5	1396.5	1396.5	1396.5	1396.5
2.5°	1416.4	1408.4	1408.4	1395.2	1389.9	1386.0	1379.4	1359.6	1354.3	1349.0	1356.9
5°	1428.3	1413.7	1403.2	1379.4	1359.6	1351.6	1326.5	1279.0	1247.2	1223.5	1210.3
7.5°	1430.9	1412.4	1392.6	1355.6	1308.0	1286.9	1210.3	1123.1	1099.3	1078.1	1064.9
10°	1428.3	1407.1	1379.4	1323.9	1211.6	1174.6	1097.9	1041.1	1026.6	1022.6	1026.6
12.5°	1419.0	1399.2	1360.9	1268.4	1111.2	1086.1	1041.1	1008.1	1005.5	1012.1	1047.7
15°	1403.2	1384.7	1339.7	1194.4	1055.7	1037.2	1005.5	993.6	1008.1	1054.3	1161.4
17.5°	1387.3	1366.2	1310.7	1121.7	1013.4	1000.2	977.7	1001.5	1083.4	1145.5	1181.2
20°	1366.2	1341.1	1277.6	1068.9	983.0	971.1	960.5	1067.6	1129.7	1152.1	1171.9
22.5°	1341.1	1314.6	1232.7	1031.9	951.3	942.0	948.6	1104.6	1129.7	1145.5	1162.7
25°	1308.0	1285.6	1179.9	1002.8	926.2	915.6	940.7	1100.6	1115.1	1119.1	1153.4
27.5°	1277.6	1248.6	1124.4	976.4	895.8	891.8	947.3	1083.4	1094.0	1097.9	1134.9
30°	1240.6	1197.0	1062.3	948.6	864.1	862.8	948.6	1062.3	1059.6	1070.2	1107.2
32.5°	1202.3	1120.4	992.2	914.3	833.7	832.4	939.4	1030.6	1027.9	1042.5	1070.2
35°	1166.7	1061.0	897.1	874.7	795.4	796.7	916.9	993.6	994.9	1008.1	1025.3
37.5°	1129.7	1009.4	792.7	831.1	758.4	758.4	886.5	959.2	956.6	960.5	984.3
40°	1086.1	928.8	700.3	774.2	724.0	720.1	849.6	922.2	913.0	911.7	944.7
42.5°	1039.8	840.3	631.6	698.9	684.4	679.1	804.6	877.3	860.1	864.1	906.4
45°	989.6	816.5	578.7	590.6	643.4	639.5	755.7	825.8	813.9	824.5	868.1
47.5°	939.4	769.0	561.5	490.2	599.8	598.5	701.6	775.6	769.0	779.5	825.8
50°	870.7	716.1	560.2	420.2	551.0	556.2	636.8	726.7	726.7	735.9	784.8
52.5°	782.2	651.4	508.7	380.5	494.1	510.0	580.0	684.4	687.0	696.3	739.9
55°	701.6	584.0	471.7	350.1	426.8	461.1	524.5	640.8	646.1	655.3	695.0
57.5°	627.6	486.2	463.8	314.5	364.7	397.7	475.6	598.5	601.2	609.1	647.4
60°	548.3	351.4	425.4	276.1	310.5	335.6	430.7	548.3	557.6	562.8	595.9
62.5°	458.5	255.0	385.8	249.7	284.1	289.4	393.7	500.7	512.6	516.6	536.4
65°	326.3	214.0	327.7	227.3	256.3	257.6	354.1	451.9	462.4	469.0	483.6
67.5°	220.6	174.4	249.7	206.1	235.2	236.5	315.8	395.0	409.6	414.9	424.1
70°	153.3	116.3	185.0	183.7	211.4	214.0	274.8	343.5	356.7	360.7	366.0
72.5°	112.3	93.8	153.3	165.2	186.3	188.9	232.5	285.4	298.6	302.6	305.2
75°	85.9	99.1	124.2	144.0	158.5	159.9	190.3	232.5	241.8	244.4	245.7
77.5°	68.7	92.5	91.2	116.3	129.5	126.8	149.3	179.7	187.6	187.6	187.6
80°	51.5	72.7	68.7	83.2	95.1	92.5	107.0	128.2	130.8	133.4	132.1
82.5°	38.3	46.2	46.2	52.8	63.4	60.8	71.3	83.2	83.2	83.2	85.9
85°	23.8	26.4	21.1	27.7	35.7	34.4	39.6	44.9	46.2	46.2	43.6
87.5°	14.5	11.9	6.6	10.6	15.9	15.9	18.5	19.8	18.5	18.5	18.5
90°	16.2	11.2	6.2	11.2	16.2	17.5	27.5	40.8	47.4	42.1	31.6
92.5°	109.8	67.3	24.9	67.3	109.8	120.4	169.2	234.3	266.9	233.9	168.0
95°	215.1	137.5	59.9	137.5	215.1	234.5	416.4	659.0	780.3	696.3	528.3
97.5°	240.5	172.0	103.5	172.0	240.5	257.6	560.9	965.4	1167.6	1114.5	1008.3
100°	261.4	199.3	137.2	199.3	261.4	276.9	613.5	1062.3	1286.7	1290.6	1298.4
102.5°	281.8	223.9	165.9	223.9	281.8	296.3	637.7	1092.8	1320.4	1388.0	1523.3
105°	312.7	263.7	214.6	263.7	312.7	325.0	655.5	1096.2	1316.6	1468.2	1771.5
107.5°	356.0	310.2	264.5	310.2	356.0	367.4	658.9	1047.5	1241.8	1453.3	1876.3
110°	380.8	339.4	298.1	339.4	380.8	391.1	653.9	1004.2	1179.4	1415.9	1888.8



TEST NUMBER: P936014

CATALOG NUMBER: SQ4-FA-150U-100D-835-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	410.0	370.6	331.2	370.6	410.0	419.8	654.1	966.5	1122.7	1364.7	1848.7
115°	453.7	417.4	381.1	417.4	453.7	462.8	660.1	923.2	1054.7	1287.8	1754.1
117.5°	496.4	463.4	430.4	463.4	496.4	504.6	672.4	896.1	1007.9	1218.3	1639.1
120°	521.1	490.1	459.0	490.1	521.1	528.9	682.3	886.9	989.2	1181.4	1565.9
122.5°	549.8	518.4	487.1	518.4	549.8	557.6	696.7	882.2	974.9	1148.0	1494.2
125°	587.3	558.7	530.2	558.7	587.3	594.4	716.0	878.2	959.3	1106.3	1400.4
127.5°	622.7	593.9	565.1	593.9	622.7	629.9	735.3	875.9	946.2	1072.5	1325.0
130°	645.8	614.8	583.8	614.8	645.8	653.6	749.5	877.3	941.2	1053.6	1278.4
132.5°	665.2	634.2	603.1	634.2	665.2	673.0	760.9	878.2	936.8	1037.4	1238.7
135°	688.3	660.1	631.8	660.1	688.3	695.4	773.4	877.3	929.3	1013.6	1182.1
137.5°	717.1	689.1	661.1	689.1	717.1	724.1	792.1	882.8	928.1	999.3	1141.8
140°	737.1	711.3	685.5	711.3	737.1	743.5	803.6	883.7	923.7	985.2	1108.3
142.5°	751.8	728.0	704.2	728.0	751.8	757.8	813.1	886.8	923.7	977.8	1085.9
145°	774.4	753.7	732.9	753.7	774.4	779.6	825.6	886.9	917.5	961.7	1050.1
147.5°	802.0	781.8	761.5	781.8	802.0	807.1	843.9	893.0	917.5	952.3	1021.8
150°	816.8	798.6	780.3	798.6	816.8	821.4	853.4	896.1	917.5	946.9	1005.6
152.5°	827.3	813.5	799.6	813.5	827.3	830.8	859.7	898.2	917.5	942.6	992.8
155°	848.8	838.6	828.3	838.6	848.8	851.4	873.4	902.8	917.5	937.5	977.4
157.5°	869.4	859.5	849.5	859.5	869.4	871.9	887.1	907.4	917.5	933.0	964.0
160°	879.4	871.6	863.8	871.6	879.4	881.3	893.4	909.5	917.5	930.8	957.4
162.5°	889.8	884.0	878.2	884.0	889.8	891.3	900.0	911.7	917.5	928.7	951.2
165°	904.3	899.0	893.8	899.0	904.3	905.6	909.6	914.9	917.5	925.5	941.6
167.5°	913.1	910.6	908.1	910.6	913.1	913.7	917.0	921.5	923.7	929.0	939.5
170°	922.5	920.0	917.5	920.0	922.5	923.1	923.3	923.6	923.7	929.0	939.5
172.5°	923.6	923.0	922.5	923.0	923.6	923.7	923.7	923.7	923.7	927.9	936.2
175°	929.3	929.3	929.3	929.3	929.3	929.3	927.4	924.9	923.7	926.3	931.6
177.5°	929.3	929.3	929.3	929.3	929.3	929.3	927.9	926.0	925.0	927.1	931.2
180°	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3



TEST NUMBER: P936014

CATALOG NUMBER: SQ4-FA-150U-100D-835-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1396.5	1396.5	1396.5	1396.5	1396.5	1396.5	1396.5	1396.5	1396.5	1396.5	1396.5
2.5°	1347.7	1343.7	1349.0	1334.4	1349.0	1343.7	1347.7	1356.9	1349.0	1354.3	1359.6
5°	1182.5	1175.9	1154.8	1137.6	1154.8	1175.9	1182.5	1210.3	1223.5	1247.2	1279.0
7.5°	1057.0	1051.7	1046.4	1035.8	1046.4	1051.7	1057.0	1064.9	1078.1	1099.3	1123.1
10°	1029.2	1030.6	1038.5	1037.2	1038.5	1030.6	1029.2	1026.6	1022.6	1026.6	1041.1
12.5°	1100.6	1112.5	1156.1	1153.4	1156.1	1112.5	1100.6	1047.7	1012.1	1005.5	1008.1
15°	1182.5	1186.5	1195.7	1197.0	1195.7	1186.5	1182.5	1161.4	1054.3	1008.1	993.6
17.5°	1190.4	1191.8	1198.4	1198.4	1198.4	1191.8	1190.4	1181.2	1145.5	1083.4	1001.5
20°	1183.8	1186.5	1199.7	1202.3	1199.7	1186.5	1183.8	1171.9	1152.1	1129.7	1067.6
22.5°	1181.2	1186.5	1197.0	1195.7	1197.0	1186.5	1181.2	1162.7	1145.5	1129.7	1104.6
25°	1168.0	1168.0	1169.3	1170.6	1169.3	1168.0	1168.0	1153.4	1119.1	1115.1	1100.6
27.5°	1140.2	1142.9	1150.8	1149.5	1150.8	1142.9	1140.2	1134.9	1097.9	1094.0	1083.4
30°	1115.1	1112.5	1105.9	1100.6	1105.9	1112.5	1115.1	1107.2	1070.2	1059.6	1062.3
32.5°	1072.8	1066.2	1059.6	1055.7	1059.6	1066.2	1072.8	1070.2	1042.5	1027.9	1030.6
35°	1022.6	1024.0	1022.6	1018.7	1022.6	1024.0	1022.6	1025.3	1008.1	994.9	993.6
37.5°	987.0	989.6	988.3	983.0	988.3	989.6	987.0	984.3	960.5	956.6	959.2
40°	950.0	951.3	950.0	946.0	950.0	951.3	950.0	944.7	911.7	913.0	922.2
42.5°	914.3	913.0	909.0	906.4	909.0	913.0	914.3	906.4	864.1	860.1	877.3
45°	873.3	874.7	866.7	862.8	866.7	874.7	873.3	868.1	824.5	813.9	825.8
47.5°	832.4	832.4	825.8	821.8	825.8	832.4	832.4	825.8	779.5	769.0	775.6
50°	788.8	787.5	778.2	776.9	778.2	787.5	788.8	784.8	735.9	726.7	726.7
52.5°	738.6	738.6	739.9	742.5	739.9	738.6	738.6	739.9	696.3	687.0	684.4
55°	695.0	696.3	705.5	708.2	705.5	696.3	695.0	695.0	655.3	646.1	640.8
57.5°	650.0	650.0	656.7	656.7	656.7	650.0	650.0	647.4	609.1	601.2	598.5
60°	598.5	601.2	606.4	605.1	606.4	601.2	598.5	595.9	562.8	557.6	548.3
62.5°	544.3	547.0	548.3	545.7	548.3	547.0	544.3	536.4	516.6	512.6	500.7
65°	487.5	490.2	491.5	488.9	491.5	490.2	487.5	483.6	469.0	462.4	451.9
67.5°	429.4	428.1	426.8	432.0	426.8	428.1	429.4	424.1	414.9	409.6	395.0
70°	369.9	369.9	368.6	371.3	368.6	369.9	369.9	366.0	360.7	356.7	343.5
72.5°	306.5	305.2	310.5	306.5	310.5	305.2	306.5	305.2	302.6	298.6	285.4
75°	244.4	247.1	244.4	248.4	244.4	247.1	244.4	245.7	244.4	241.8	232.5
77.5°	186.3	188.9	186.3	186.3	186.3	188.9	186.3	187.6	187.6	187.6	179.7
80°	132.1	130.8	130.8	129.5	130.8	130.8	132.1	132.1	133.4	130.8	128.2
82.5°	84.6	83.2	83.2	85.9	83.2	83.2	84.6	85.9	83.2	83.2	83.2
85°	46.2	47.6	44.9	44.9	44.9	47.6	46.2	43.6	46.2	46.2	44.9
87.5°	17.2	15.9	15.9	15.9	15.9	15.9	17.2	18.5	18.5	18.5	19.8
90°	23.7	23.7	23.7	23.7	23.7	23.7	23.7	31.6	42.1	47.4	40.8
92.5°	118.5	113.8	94.9	76.1	94.9	113.8	118.5	168.0	233.9	266.9	234.3
95°	402.3	388.0	330.9	273.8	330.9	388.0	402.3	528.3	696.3	780.3	659.0
97.5°	928.7	901.5	792.9	684.2	792.9	901.5	928.7	1008.3	1114.5	1167.6	965.4
100°	1304.2	1271.8	1142.4	1012.9	1142.4	1271.8	1304.2	1298.4	1290.6	1286.7	1062.3
102.5°	1624.8	1597.1	1486.2	1375.3	1486.2	1597.1	1624.8	1523.3	1388.0	1320.4	1092.8
105°	1999.0	1984.1	1924.5	1864.9	1924.5	1984.1	1999.0	1771.5	1468.2	1316.6	1096.2
107.5°	2193.6	2197.2	2211.6	2226.0	2211.6	2197.2	2193.6	1876.3	1453.3	1241.8	1047.5
110°	2243.5	2259.0	2321.1	2383.2	2321.1	2259.0	2243.5	1888.8	1415.9	1179.4	1004.2



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2211.7	2235.5	2330.9	2426.2	2330.9	2235.5	2211.7	1848.7	1364.7	1122.7	966.5
115°	2103.8	2136.9	2269.1	2401.3	2269.1	2136.9	2103.8	1754.1	1287.8	1054.7	923.2
117.5°	1954.7	1991.4	2138.0	2284.6	2138.0	1991.4	1954.7	1639.1	1218.3	1007.9	896.1
120°	1854.3	1889.9	2032.4	2174.9	2032.4	1889.9	1854.3	1565.9	1181.4	989.2	886.9
122.5°	1753.9	1789.0	1929.6	2070.1	1929.6	1789.0	1753.9	1494.2	1148.0	974.9	882.2
125°	1621.0	1653.4	1782.8	1912.3	1782.8	1653.4	1621.0	1400.4	1106.3	959.3	878.2
127.5°	1514.4	1541.7	1650.9	1760.1	1650.9	1541.7	1514.4	1325.0	1072.5	946.2	875.9
130°	1447.0	1472.2	1573.1	1674.0	1573.1	1472.2	1447.0	1278.4	1053.6	941.2	877.3
132.5°	1389.6	1412.2	1502.5	1592.9	1502.5	1412.2	1389.6	1238.7	1037.4	936.8	878.2
135°	1308.5	1328.0	1405.9	1483.8	1405.9	1328.0	1308.5	1182.1	1013.6	929.3	877.3
137.5°	1248.7	1264.6	1328.4	1392.1	1328.4	1264.6	1248.7	1141.8	999.3	928.1	882.8
140°	1200.6	1215.5	1275.1	1334.7	1275.1	1215.5	1200.6	1108.3	985.2	923.7	883.7
142.5°	1167.0	1179.8	1231.1	1282.3	1231.1	1179.8	1167.0	1085.9	977.8	923.7	886.8
145°	1116.4	1126.1	1165.0	1203.8	1165.0	1126.1	1116.4	1050.1	961.7	917.5	886.9
147.5°	1074.0	1082.0	1114.2	1146.4	1114.2	1082.0	1074.0	1021.8	952.3	917.5	893.0
150°	1049.7	1056.2	1082.3	1108.3	1082.3	1056.2	1049.7	1005.6	946.9	917.5	896.1
152.5°	1030.4	1035.3	1055.0	1074.6	1055.0	1035.3	1030.4	992.8	942.6	917.5	898.2
155°	1007.3	1010.6	1023.6	1036.6	1023.6	1010.6	1007.3	977.4	937.5	917.5	902.8
157.5°	987.3	989.6	998.7	1007.9	998.7	989.6	987.3	964.0	933.0	917.5	907.4
160°	977.3	978.6	983.9	989.2	983.9	978.6	977.3	957.4	930.8	917.5	909.5
162.5°	968.0	969.2	974.2	979.2	974.2	969.2	968.0	951.2	928.7	917.5	911.7
165°	953.6	954.9	960.2	965.5	960.2	954.9	953.6	941.6	925.5	917.5	914.9
167.5°	947.4	948.0	950.2	952.4	950.2	948.0	947.4	939.5	929.0	923.7	921.5
170°	947.4	947.4	947.4	947.4	947.4	947.4	947.4	939.5	929.0	923.7	923.6
172.5°	942.4	941.9	940.0	938.1	940.0	941.9	942.4	936.2	927.9	923.7	923.7
175°	935.6	935.6	935.6	935.6	935.6	935.6	935.6	931.6	926.3	923.7	924.9
177.5°	934.3	933.7	931.5	929.3	931.5	933.7	934.3	931.2	927.1	925.0	926.0
180°	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3	929.3



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1396.5	1396.5	1396.5	1396.5	1396.5
2.5°	1379.4	1386.0	1389.9	1395.2	1408.4
5°	1326.5	1351.6	1359.6	1379.4	1403.2
7.5°	1210.3	1286.9	1308.0	1355.6	1392.6
10°	1097.9	1174.6	1211.6	1323.9	1379.4
12.5°	1041.1	1086.1	1111.2	1268.4	1360.9
15°	1005.5	1037.2	1055.7	1194.4	1339.7
17.5°	977.7	1000.2	1013.4	1121.7	1310.7
20°	960.5	971.1	983.0	1068.9	1277.6
22.5°	948.6	942.0	951.3	1031.9	1232.7
25°	940.7	915.6	926.2	1002.8	1179.9
27.5°	947.3	891.8	895.8	976.4	1124.4
30°	948.6	862.8	864.1	948.6	1062.3
32.5°	939.4	832.4	833.7	914.3	992.2
35°	916.9	796.7	795.4	874.7	897.1
37.5°	886.5	758.4	758.4	831.1	792.7
40°	849.6	720.1	724.0	774.2	700.3
42.5°	804.6	679.1	684.4	698.9	631.6
45°	755.7	639.5	643.4	590.6	578.7
47.5°	701.6	598.5	599.8	490.2	561.5
50°	636.8	556.2	551.0	420.2	560.2
52.5°	580.0	510.0	494.1	380.5	508.7
55°	524.5	461.1	426.8	350.1	471.7
57.5°	475.6	397.7	364.7	314.5	463.8
60°	430.7	335.6	310.5	276.1	425.4
62.5°	393.7	289.4	284.1	249.7	385.8
65°	354.1	257.6	256.3	227.3	327.7
67.5°	315.8	236.5	235.2	206.1	249.7
70°	274.8	214.0	211.4	183.7	185.0
72.5°	232.5	188.9	186.3	165.2	153.3
75°	190.3	159.9	158.5	144.0	124.2
77.5°	149.3	126.8	129.5	116.3	91.2
80°	107.0	92.5	95.1	83.2	68.7
82.5°	71.3	60.8	63.4	52.8	46.2
85°	39.6	34.4	35.7	27.7	21.1
87.5°	18.5	15.9	15.9	10.6	6.6
90°	27.5	17.5	16.2	11.2	6.2
92.5°	169.2	120.4	109.8	67.3	24.9
95°	416.4	234.5	215.1	137.5	59.9
97.5°	560.9	257.6	240.5	172.0	103.5
100°	613.5	276.9	261.4	199.3	137.2
102.5°	637.7	296.3	281.8	223.9	165.9
105°	655.5	325.0	312.7	263.7	214.6
107.5°	658.9	367.4	356.0	310.2	264.5
110°	653.9	391.1	380.8	339.4	298.1



TEST NUMBER: P936014

CATALOG NUMBER: SQ4-FA-150U-100D-835-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	654.1	419.8	410.0	370.6	331.2
115°	660.1	462.8	453.7	417.4	381.1
117.5°	672.4	504.6	496.4	463.4	430.4
120°	682.3	528.9	521.1	490.1	459.0
122.5°	696.7	557.6	549.8	518.4	487.1
125°	716.0	594.4	587.3	558.7	530.2
127.5°	735.3	629.9	622.7	593.9	565.1
130°	749.5	653.6	645.8	614.8	583.8
132.5°	760.9	673.0	665.2	634.2	603.1
135°	773.4	695.4	688.3	660.1	631.8
137.5°	792.1	724.1	717.1	689.1	661.1
140°	803.6	743.5	737.1	711.3	685.5
142.5°	813.1	757.8	751.8	728.0	704.2
145°	825.6	779.6	774.4	753.7	732.9
147.5°	843.9	807.1	802.0	781.8	761.5
150°	853.4	821.4	816.8	798.6	780.3
152.5°	859.7	830.8	827.3	813.5	799.6
155°	873.4	851.4	848.8	838.6	828.3
157.5°	887.1	871.9	869.4	859.5	849.5
160°	893.4	881.3	879.4	871.6	863.8
162.5°	900.0	891.3	889.8	884.0	878.2
165°	909.6	905.6	904.3	899.0	893.8
167.5°	917.0	913.7	913.1	910.6	908.1
170°	923.3	923.1	922.5	920.0	917.5
172.5°	923.7	923.7	923.6	923.0	922.5
175°	927.4	929.3	929.3	929.3	929.3
177.5°	927.9	929.3	929.3	929.3	929.3
180°	929.3	929.3	929.3	929.3	929.3



TEST NUMBER: P936014  
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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	12.42	13.18	13.48	14.24	15.68	15.22	15.98	16.28	17.04	18.48
	3H	12.89	13.57	13.96	14.64	16.10	16.55	17.23	17.61	18.30	19.75
	4H	13.08	13.72	14.16	14.79	16.26	16.98	17.62	18.06	18.70	20.16
	6H	13.19	13.79	14.28	14.86	16.34	17.25	17.85	18.34	18.92	20.40
	8H	13.19	13.75	14.28	14.85	16.31	17.32	17.88	18.41	18.97	20.44
	12H	13.16	13.69	14.25	14.78	16.27	17.35	17.89	18.45	18.97	20.46
4H	2H	13.43	14.08	14.52	15.15	16.61	15.62	16.26	16.70	17.33	18.80
	3H	14.45	14.99	15.54	16.09	17.56	17.10	17.64	18.20	18.74	20.22
	4H	14.72	15.22	15.82	16.30	17.80	17.62	18.11	18.72	19.20	20.70
	6H	14.84	15.27	15.95	16.38	17.87	17.97	18.40	19.08	19.51	21.00
	8H	14.85	15.24	15.95	16.34	17.85	18.07	18.47	19.18	19.57	21.08
	12H	14.81	15.17	15.93	16.28	17.79	18.12	18.48	19.24	19.59	21.10
8H	4H	15.16	15.56	16.27	16.66	18.17	17.74	18.13	18.84	19.24	20.74
	6H	15.42	15.75	16.55	16.89	18.40	18.16	18.49	19.29	19.63	21.14
	8H	15.46	15.75	16.60	16.87	18.40	18.31	18.59	19.44	19.72	21.24
	12H	15.44	15.69	16.58	16.82	18.38	18.40	18.65	19.53	19.77	21.33
12H	4H	15.16	15.52	16.29	16.64	18.15	17.70	18.06	18.82	19.17	20.68
	6H	15.48	15.76	16.61	16.89	18.41	18.16	18.44	19.29	19.57	21.09
	8H	15.54	15.79	16.68	16.91	18.47	18.31	18.56	19.45	19.68	21.24