

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: P935561

Luminaire Tested: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-6-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935561
REPORT IS A COMBINATION OF REPORTS P933759 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-6-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

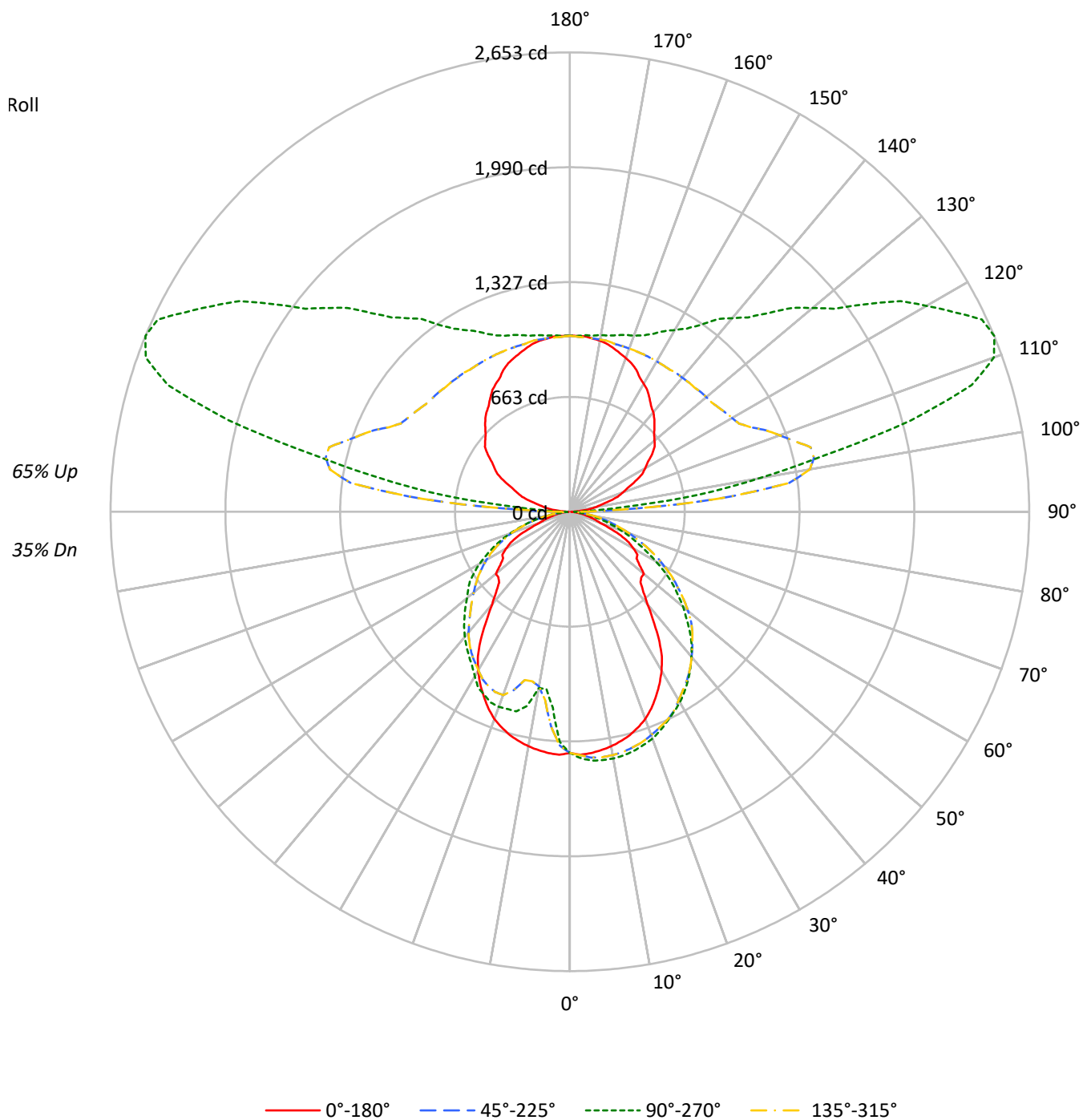
Lumens per Lamp: N/A
Luminaire Lumens: 10203.1 lumens
Efficiency: N/A
Efficacy: 122.3 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 83.4
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

TEST NUMBER: P935561

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-6-3000K

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	104	104	104	104	94	94	94	94	75	75	75	58	58	58	43	43	43			35
1	95	90	87	83	85	82	79	76	66	64	62	51	50	49	38	37	36			30
2	86	79	73	68	78	72	66	62	58	54	51	45	43	41	33	32	30			25
3	78	69	62	56	71	63	57	52	51	47	43	40	37	34	29	28	26			21
4	72	61	54	48	65	56	49	44	45	40	36	35	32	29	26	24	22			18
5	66	54	46	41	59	50	43	38	40	35	31	32	28	25	24	21	19			16
6	60	49	41	35	54	44	37	32	36	31	27	29	25	22	21	19	17			14
7	56	44	36	31	50	40	33	28	33	28	24	26	22	19	20	17	15			12
8	52	40	32	27	47	36	30	25	30	25	21	24	20	17	18	15	13			11
9	48	36	29	24	43	33	27	22	27	22	19	22	18	15	16	14	12			10
10	45	33	26	21	41	30	24	20	25	20	17	20	16	14	15	13	11			9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8614	8614	8614	8614
5°	8675	8696	8675	6837
10°	8614	8566	8614	6124
15°	8518	8380	8518	6998
20°	8336	8161	8336	7012
25°	7968	7840	7968	6864
30°	7494	7573	7494	6537
35°	6677	7237	6677	6179
40°	5561	6841	5561	5908
45°	4965	6377	4965	5597
50°	5271	5823	5271	5284
55°	4954	5227	4954	5103
60°	5101	4439	5101	4674
65°	4617	3670	4617	4102
70°	3189	2925	3189	3438
75°	2786	2161	2786	2589
80°	2230	1430	2230	1556
85°	1258	757	1258	644

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 7616 cd/sqm

TEST NUMBER: P935561

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-6-3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	125.7	1.2
10°-20°	356.9	3.5
20°-30°	551.7	5.4
30°-40°	658.6	6.5
40°-50°	662.5	6.5
50°-60°	576.4	5.6
60°-70°	408.7	4.0
70°-80°	216.2	2.1
80°-90°	57.7	0.6
90°-100°	495.4	4.9
100°-110°	1302.5	12.8
110°-120°	1350.5	13.2
120°-130°	1083.3	10.6
130°-140°	850.0	8.3
140°-150°	652.4	6.4
150°-160°	469.8	4.6
160°-170°	287.5	2.8
170°-180°	97.1	1.0
0°-30°	1034.3	10.1
0°-40°	1692.9	16.6
0°-60°	2931.8	28.7
0°-90°	3614.5	35.4
90°-120°	3148.4	30.9
90°-150°	5734.2	56.2
90°-180°	6589.0	64.6
0°-180°	10203.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1392	1392	1392	1392	1392	
5°	1399	1443	1399	1134	1399	133
15°	1336	1429	1336	1194	1336	376
25°	1176	1333	1176	1167	1176	540
35°	894	1190	894	1016	894	553
45°	577	980	577	860	577	462
55°	470	723	470	706	470	432
65°	327	436	327	488	327	312
75°	124	207	124	248	124	130
85°	21	53	21	45	21	28
90°	7	26	7	26	7	7
95°	66	299	66	299	66	73
105°	235	2040	235	2040	235	249
115°	417	2626	417	2626	417	412
125°	580	2091	580	2091	580	515
135°	691	1623	691	1623	691	535
145°	801	1316	801	1316	801	502
155°	906	1134	906	1134	906	416
165°	978	1056	978	1056	978	276
175°	1016	1023	1016	1023	1016	96
180°	1016	1016	1016	1016	1016	

TEST NUMBER: P935561

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1392.5	1392.5	1392.5	1392.5	1392.5	1392.5	1392.5	1392.5	1392.5	1392.5	1392.5
2.5°	1404.4	1404.4	1412.3	1414.9	1414.9	1411.0	1407.0	1411.0	1422.8	1426.8	1425.5
5°	1399.1	1409.7	1424.2	1426.8	1429.4	1428.1	1425.5	1428.1	1441.3	1443.9	1445.2
7.5°	1388.6	1408.4	1426.8	1430.8	1434.7	1430.8	1429.4	1432.1	1445.2	1447.9	1447.9
10°	1375.4	1403.1	1424.2	1426.8	1430.8	1426.8	1426.8	1432.1	1445.2	1447.9	1449.2
12.5°	1357.0	1395.2	1414.9	1417.6	1422.8	1421.5	1420.2	1425.5	1438.7	1441.3	1441.3
15°	1335.9	1380.7	1399.1	1401.8	1411.0	1408.4	1408.4	1413.6	1428.1	1432.1	1430.8
17.5°	1306.9	1362.2	1383.3	1387.3	1393.9	1392.5	1393.9	1399.1	1412.3	1414.9	1416.3
20°	1274.0	1337.2	1362.2	1366.2	1372.8	1372.8	1372.8	1379.4	1392.5	1397.8	1397.8
22.5°	1229.2	1310.9	1337.2	1339.8	1347.8	1347.8	1350.4	1359.6	1371.5	1372.8	1372.8
25°	1176.5	1281.9	1304.3	1312.2	1320.1	1324.0	1328.0	1333.3	1337.2	1335.9	1337.2
27.5°	1121.2	1245.0	1274.0	1279.2	1289.8	1293.7	1299.0	1300.3	1301.6	1305.6	1303.0
30°	1059.2	1193.6	1237.1	1242.4	1259.5	1262.1	1256.8	1259.5	1266.1	1268.7	1271.3
32.5°	989.4	1117.2	1198.9	1210.7	1226.5	1218.6	1217.3	1221.3	1231.8	1231.8	1234.5
35°	894.5	1057.9	1163.3	1173.8	1185.7	1176.5	1181.8	1183.1	1189.7	1193.6	1192.3
37.5°	790.5	1006.5	1126.4	1134.3	1143.5	1131.7	1139.6	1143.5	1148.8	1146.2	1146.2
40°	698.2	926.2	1082.9	1088.2	1096.1	1086.9	1094.8	1097.4	1100.1	1097.4	1096.1
42.5°	629.7	837.9	1036.8	1043.4	1038.2	1044.7	1047.4	1052.6	1048.7	1043.4	1043.4
45°	577.0	814.2	986.8	994.7	986.8	997.3	1001.3	1001.3	989.4	986.8	985.5
47.5°	559.9	766.8	936.7	936.7	932.8	945.9	952.5	943.3	931.4	927.5	927.5
50°	558.6	714.1	868.2	862.9	881.4	897.2	890.6	881.4	872.2	857.7	857.7
52.5°	507.2	649.5	779.9	799.7	828.7	837.9	827.4	818.1	802.3	795.7	790.5
55°	470.3	582.3	699.6	739.1	769.4	781.2	761.5	752.3	728.6	724.6	722.0
57.5°	462.4	484.8	625.8	675.9	712.7	711.4	699.6	682.4	662.7	658.7	657.4
60°	424.2	350.4	546.7	606.0	644.2	640.3	629.7	613.9	595.5	592.9	590.2
62.5°	384.7	254.3	457.2	524.3	578.4	577.0	567.8	544.1	530.9	524.3	519.1
65°	326.7	213.4	325.4	436.1	513.8	516.4	496.7	479.6	465.1	457.2	455.8
67.5°	249.0	173.9	220.0	363.6	451.9	449.3	424.2	416.3	397.9	393.9	386.0
70°	184.4	115.9	152.8	295.1	391.3	384.7	364.9	355.7	338.6	329.4	324.1
72.5°	152.8	93.5	112.0	229.2	329.4	321.5	304.3	293.8	279.3	271.4	266.1
75°	123.8	98.8	85.6	170.0	267.4	262.2	246.4	235.8	224.0	213.4	214.7
77.5°	90.9	92.2	68.5	125.2	212.1	204.2	195.0	181.8	176.5	166.0	166.0
80°	68.5	72.5	51.4	85.6	152.8	152.8	144.9	135.7	126.5	121.2	121.2
82.5°	46.1	46.1	38.2	54.0	104.1	100.1	94.9	92.2	87.0	84.3	84.3
85°	21.1	26.3	23.7	32.9	56.7	59.3	59.3	56.7	55.3	52.7	54.0
87.5°	6.6	11.9	14.5	18.4	29.0	30.3	31.6	31.6	31.6	32.9	32.9
90°	6.9	12.3	17.7	19.1	30.0	44.5	51.8	46.0	34.5	25.9	25.9
92.5°	27.3	73.7	120.1	131.7	185.1	256.3	291.9	255.8	183.7	129.6	124.5
95°	65.5	150.4	235.2	256.5	455.4	720.7	853.4	761.5	577.7	439.9	424.3
97.5°	113.2	188.0	263.0	281.7	613.4	1055.8	1277.0	1218.9	1102.8	1015.7	986.0
100°	150.1	218.0	285.9	302.8	670.9	1161.8	1407.2	1411.4	1419.9	1426.3	1390.9
102.5°	181.5	244.8	308.2	324.0	697.4	1195.1	1444.0	1518.0	1666.0	1776.9	1746.6
105°	234.7	288.3	341.9	355.4	716.9	1199.0	1440.0	1605.8	1937.4	2186.2	2169.8
107.5°	289.2	339.2	389.3	401.7	720.6	1145.6	1358.1	1589.5	2052.1	2399.0	2402.9
110°	326.0	371.2	416.3	427.6	715.0	1098.2	1289.9	1548.4	2065.7	2453.6	2470.6

TEST NUMBER: P935561

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	362.2	405.2	448.3	459.1	715.3	1056.9	1227.8	1492.4	2021.8	2418.8	2444.8
115°	416.8	456.5	496.2	506.2	722.0	1009.6	1153.5	1408.4	1918.4	2300.8	2337.0
117.5°	470.7	506.8	542.8	551.8	735.3	979.9	1102.3	1332.4	1792.6	2137.8	2177.8
120°	502.0	536.0	569.9	578.4	746.2	969.9	1081.8	1292.1	1712.5	2027.9	2066.9
122.5°	532.8	567.0	601.3	609.8	761.9	964.7	1066.2	1255.5	1634.2	1918.1	1956.5
125°	579.8	611.0	642.2	650.0	783.1	960.4	1049.1	1209.9	1531.6	1772.9	1808.2
127.5°	618.0	649.5	681.0	688.9	804.3	958.0	1034.8	1172.9	1449.1	1656.2	1686.1
130°	638.4	672.4	706.3	714.8	819.6	959.4	1029.3	1152.2	1398.1	1582.5	1610.1
132.5°	659.6	693.6	727.5	736.0	832.2	960.4	1024.5	1134.6	1354.7	1519.7	1544.4
135°	691.0	721.9	752.8	760.5	845.8	959.5	1016.4	1108.5	1292.9	1431.1	1452.4
137.5°	723.0	753.7	784.3	792.0	866.3	965.4	1015.0	1092.9	1248.7	1365.6	1383.0
140°	749.6	777.8	806.0	813.0	878.7	966.4	1010.2	1077.5	1212.1	1313.1	1329.4
142.5°	770.1	796.2	822.3	828.8	889.3	969.9	1010.2	1069.3	1187.6	1276.3	1290.3
145°	801.4	824.2	846.9	852.7	902.9	969.9	1003.4	1051.8	1148.5	1221.0	1231.6
147.5°	832.9	855.0	877.2	882.7	922.9	976.6	1003.4	1041.4	1117.6	1174.6	1183.4
150°	853.4	873.4	893.3	898.3	933.4	980.0	1003.4	1035.5	1099.8	1148.0	1155.1
152.5°	874.4	889.6	904.8	908.6	940.2	982.3	1003.4	1030.8	1085.7	1126.9	1132.2
155°	905.9	917.1	928.3	931.1	955.2	987.3	1003.4	1025.2	1068.9	1101.7	1105.3
157.5°	929.1	940.0	950.8	953.6	970.2	992.3	1003.4	1020.3	1054.3	1079.8	1082.2
160°	944.7	953.2	961.7	963.8	977.0	994.6	1003.4	1018.0	1047.0	1068.9	1070.3
162.5°	960.4	966.7	973.2	974.7	984.3	997.0	1003.4	1015.7	1040.2	1058.6	1060.0
165°	977.5	983.3	989.1	990.5	994.8	1000.5	1003.4	1012.2	1029.8	1043.0	1044.4
167.5°	993.2	995.9	998.6	999.3	1002.9	1007.8	1010.2	1016.0	1027.5	1036.1	1036.7
170°	1003.4	1006.1	1008.8	1009.5	1009.8	1010.0	1010.2	1016.0	1027.5	1036.1	1036.1
172.5°	1008.8	1009.4	1010.0	1010.2	1010.2	1010.2	1010.2	1014.8	1023.8	1030.7	1030.2
175°	1016.4	1016.4	1016.4	1016.4	1014.3	1011.6	1010.2	1013.1	1018.9	1023.2	1023.2
177.5°	1016.4	1016.4	1016.4	1016.4	1014.8	1012.6	1011.5	1013.8	1018.4	1021.8	1021.2
180°	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4

TEST NUMBER: P935561

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1392.5	1392.5	1392.5	1392.5	1392.5	1392.5	1392.5	1392.5	1392.5	1392.5	1392.5
2.5°	1428.1	1424.2	1428.1	1425.5	1426.8	1422.8	1411.0	1407.0	1411.0	1414.9	1414.9
5°	1445.2	1442.6	1445.2	1445.2	1443.9	1441.3	1428.1	1425.5	1428.1	1429.4	1426.8
7.5°	1450.5	1446.6	1450.5	1447.9	1447.9	1445.2	1432.1	1429.4	1430.8	1434.7	1430.8
10°	1450.5	1446.6	1450.5	1449.2	1447.9	1445.2	1432.1	1426.8	1426.8	1430.8	1426.8
12.5°	1443.9	1441.3	1443.9	1441.3	1441.3	1438.7	1425.5	1420.2	1421.5	1422.8	1417.6
15°	1433.4	1429.4	1433.4	1430.8	1432.1	1428.1	1413.6	1408.4	1408.4	1411.0	1401.8
17.5°	1417.6	1412.3	1417.6	1416.3	1414.9	1412.3	1399.1	1393.9	1392.5	1393.9	1387.3
20°	1399.1	1395.2	1399.1	1397.8	1397.8	1392.5	1379.4	1372.8	1372.8	1372.8	1366.2
22.5°	1370.1	1366.2	1370.1	1372.8	1372.8	1371.5	1359.6	1350.4	1347.8	1347.8	1339.8
25°	1337.2	1333.3	1337.2	1337.2	1335.9	1337.2	1333.3	1328.0	1324.0	1320.1	1312.2
27.5°	1305.6	1303.0	1305.6	1303.0	1305.6	1301.6	1300.3	1299.0	1293.7	1289.8	1279.2
30°	1274.0	1271.3	1274.0	1271.3	1268.7	1266.1	1259.5	1256.8	1262.1	1259.5	1242.4
32.5°	1234.5	1231.8	1234.5	1234.5	1231.8	1231.8	1221.3	1217.3	1218.6	1226.5	1210.7
35°	1193.6	1189.7	1193.6	1192.3	1193.6	1189.7	1183.1	1181.8	1176.5	1185.7	1173.8
37.5°	1146.2	1142.2	1146.2	1146.2	1146.2	1148.8	1143.5	1139.6	1131.7	1143.5	1134.3
40°	1097.4	1092.2	1097.4	1096.1	1097.4	1100.1	1097.4	1094.8	1086.9	1096.1	1088.2
42.5°	1042.1	1040.8	1042.1	1043.4	1043.4	1048.7	1052.6	1047.4	1044.7	1038.2	1043.4
45°	982.8	980.2	982.8	985.5	986.8	989.4	1001.3	1001.3	997.3	986.8	994.7
47.5°	919.6	913.0	919.6	927.5	927.5	931.4	943.3	952.5	945.9	932.8	936.7
50°	852.4	853.7	852.4	857.7	857.7	872.2	881.4	890.6	897.2	881.4	862.9
52.5°	786.5	785.2	786.5	790.5	795.7	802.3	818.1	827.4	837.9	828.7	799.7
55°	720.6	723.3	720.6	722.0	724.6	728.6	752.3	761.5	781.2	769.4	739.1
57.5°	654.8	650.8	654.8	657.4	658.7	662.7	682.4	699.6	711.4	712.7	675.9
60°	578.4	573.1	578.4	590.2	592.9	595.5	613.9	629.7	640.3	644.2	606.0
62.5°	511.2	501.9	511.2	519.1	524.3	530.9	544.1	567.8	577.0	578.4	524.3
65°	440.0	436.1	440.0	455.8	457.2	465.1	479.6	496.7	516.4	513.8	436.1
67.5°	375.5	375.5	375.5	386.0	393.9	397.9	416.3	424.2	449.3	451.9	363.6
70°	316.2	314.9	316.2	324.1	329.4	338.6	355.7	364.9	384.7	391.3	295.1
72.5°	259.5	258.2	259.5	266.1	271.4	279.3	293.8	304.3	321.5	329.4	229.2
75°	209.5	206.8	209.5	214.7	213.4	224.0	235.8	246.4	262.2	267.4	170.0
77.5°	160.7	160.7	160.7	166.0	166.0	176.5	181.8	195.0	204.2	212.1	125.2
80°	119.9	118.6	119.9	121.2	121.2	126.5	135.7	144.9	152.8	152.8	85.6
82.5°	84.3	81.7	84.3	84.3	84.3	87.0	92.2	94.9	100.1	104.1	54.0
85°	52.7	52.7	52.7	54.0	52.7	55.3	56.7	59.3	59.3	56.7	32.9
87.5°	34.3	32.9	34.3	32.9	32.9	31.6	31.6	31.6	30.3	29.0	18.4
90°	25.9	25.9	25.9	25.9	25.9	34.5	46.0	51.8	44.5	30.0	19.1
92.5°	103.8	83.2	103.8	124.5	129.6	183.7	255.8	291.9	256.3	185.1	131.7
95°	361.9	299.4	361.9	424.3	439.9	577.7	761.5	853.4	720.7	455.4	256.5
97.5°	867.1	748.3	867.1	986.0	1015.7	1102.8	1218.9	1277.0	1055.8	613.4	281.7
100°	1249.4	1107.8	1249.4	1390.9	1426.3	1419.9	1411.4	1407.2	1161.8	670.9	302.8
102.5°	1625.3	1504.1	1625.3	1746.6	1776.9	1666.0	1518.0	1444.0	1195.1	697.4	324.0
105°	2104.7	2039.5	2104.7	2169.8	2186.2	1937.4	1605.8	1440.0	1199.0	716.9	355.4
107.5°	2418.7	2434.5	2418.7	2402.9	2399.0	2052.1	1589.5	1358.1	1145.6	720.6	401.7
110°	2538.5	2606.4	2538.5	2470.6	2453.6	2065.7	1548.4	1289.9	1098.2	715.0	427.6

TEST NUMBER: P935561

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2549.1	2653.4	2549.1	2444.8	2418.8	2021.8	1492.4	1227.8	1056.9	715.3	459.1
115°	2481.6	2626.1	2481.6	2337.0	2300.8	1918.4	1408.4	1153.5	1009.6	722.0	506.2
117.5°	2338.2	2498.6	2338.2	2177.8	2137.8	1792.6	1332.4	1102.3	979.9	735.3	551.8
120°	2222.7	2378.5	2222.7	2066.9	2027.9	1712.5	1292.1	1081.8	969.9	746.2	578.4
122.5°	2110.2	2263.9	2110.2	1956.5	1918.1	1634.2	1255.5	1066.2	964.7	761.9	609.8
125°	1949.8	2091.4	1949.8	1808.2	1772.9	1531.6	1209.9	1049.1	960.4	783.1	650.0
127.5°	1805.5	1925.0	1805.5	1686.1	1656.2	1449.1	1172.9	1034.8	958.0	804.3	688.9
130°	1720.5	1830.8	1720.5	1610.1	1582.5	1398.1	1152.2	1029.3	959.4	819.6	714.8
132.5°	1643.3	1742.1	1643.3	1544.4	1519.7	1354.7	1134.6	1024.5	960.4	832.2	736.0
135°	1537.6	1622.7	1537.6	1452.4	1431.1	1292.9	1108.5	1016.4	959.5	845.8	760.5
137.5°	1452.7	1522.4	1452.7	1383.0	1365.6	1248.7	1092.9	1015.0	965.4	866.3	792.0
140°	1394.6	1459.7	1394.6	1329.4	1313.1	1212.1	1077.5	1010.2	966.4	878.7	813.0
142.5°	1346.3	1402.5	1346.3	1290.3	1276.3	1187.6	1069.3	1010.2	969.9	889.3	828.8
145°	1274.1	1316.5	1274.1	1231.6	1221.0	1148.5	1051.8	1003.4	969.9	902.9	852.7
147.5°	1218.6	1253.8	1218.6	1183.4	1174.6	1117.6	1041.4	1003.4	976.6	922.9	882.7
150°	1183.7	1212.1	1183.7	1155.1	1148.0	1099.8	1035.5	1003.4	980.0	933.4	898.3
152.5°	1153.7	1175.3	1153.7	1132.2	1126.9	1085.7	1030.8	1003.4	982.3	940.2	908.6
155°	1119.5	1133.7	1119.5	1105.3	1101.7	1068.9	1025.2	1003.4	987.3	955.2	931.1
157.5°	1092.3	1102.3	1092.3	1082.2	1079.8	1054.3	1020.3	1003.4	992.3	970.2	953.6
160°	1076.1	1081.8	1076.1	1070.3	1068.9	1047.0	1018.0	1003.4	994.6	977.0	963.8
162.5°	1065.5	1070.9	1065.5	1060.0	1058.6	1040.2	1015.7	1003.4	997.0	984.3	974.7
165°	1050.2	1055.9	1050.2	1044.4	1043.0	1029.8	1012.2	1003.4	1000.5	994.8	990.5
167.5°	1039.1	1041.6	1039.1	1036.7	1036.1	1027.5	1016.0	1010.2	1007.8	1002.9	999.3
170°	1036.1	1036.1	1036.1	1036.1	1036.1	1027.5	1016.0	1010.2	1010.0	1009.8	1009.5
172.5°	1028.1	1025.9	1028.1	1030.2	1030.7	1023.8	1014.8	1010.2	1010.2	1010.2	1010.2
175°	1023.2	1023.2	1023.2	1023.2	1023.2	1018.9	1013.1	1010.2	1011.6	1014.3	1016.4
177.5°	1018.8	1016.4	1018.8	1021.2	1021.8	1018.4	1013.8	1011.5	1012.6	1014.8	1016.4
180°	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4

TEST NUMBER: P935561

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1392.5	1392.5	1392.5	1392.5	1392.5	1392.5	1392.5	1392.5	1392.5	1392.5	1392.5
2.5°	1412.3	1404.4	1404.4	1391.2	1386.0	1382.0	1375.4	1355.7	1350.4	1345.1	1353.0
5°	1424.2	1409.7	1399.1	1375.4	1355.7	1347.8	1322.7	1275.3	1243.7	1220.0	1206.8
7.5°	1426.8	1408.4	1388.6	1351.7	1304.3	1283.2	1206.8	1119.8	1096.1	1075.0	1061.9
10°	1424.2	1403.1	1375.4	1320.1	1208.1	1171.2	1094.8	1038.2	1023.7	1019.7	1023.7
12.5°	1414.9	1395.2	1357.0	1264.8	1108.0	1082.9	1038.2	1005.2	1002.6	1009.2	1044.7
15°	1399.1	1380.7	1335.9	1191.0	1052.6	1034.2	1002.6	990.7	1005.2	1051.3	1158.0
17.5°	1383.3	1362.2	1306.9	1118.5	1010.5	997.3	974.9	998.6	1080.3	1142.2	1177.8
20°	1362.2	1337.2	1274.0	1065.8	980.2	968.3	957.8	1064.5	1126.4	1148.8	1168.6
22.5°	1337.2	1310.9	1229.2	1028.9	948.6	939.3	945.9	1101.4	1126.4	1142.2	1159.4
25°	1304.3	1281.9	1176.5	999.9	923.5	913.0	938.0	1097.4	1111.9	1115.9	1150.1
27.5°	1274.0	1245.0	1121.2	973.6	893.2	889.3	944.6	1080.3	1090.8	1094.8	1131.7
30°	1237.1	1193.6	1059.2	945.9	861.6	860.3	945.9	1059.2	1056.6	1067.1	1104.0
32.5°	1198.9	1117.2	989.4	911.7	831.3	830.0	936.7	1027.6	1025.0	1039.5	1067.1
35°	1163.3	1057.9	894.5	872.2	793.1	794.4	914.3	990.7	992.0	1005.2	1022.3
37.5°	1126.4	1006.5	790.5	828.7	756.2	756.2	884.0	956.5	953.8	957.8	981.5
40°	1082.9	926.2	698.2	772.0	722.0	718.0	847.1	919.6	910.4	909.0	942.0
42.5°	1036.8	837.9	629.7	696.9	682.4	677.2	802.3	874.8	857.7	861.6	903.8
45°	986.8	814.2	577.0	588.9	641.6	637.6	753.6	823.4	811.6	822.1	865.6
47.5°	936.7	766.8	559.9	488.8	598.1	596.8	699.6	773.3	766.8	777.3	823.4
50°	868.2	714.1	558.6	418.9	549.4	554.6	635.0	724.6	724.6	733.8	782.6
52.5°	779.9	649.5	507.2	379.4	492.7	508.5	578.4	682.4	685.1	694.3	737.8
55°	699.6	582.3	470.3	349.1	425.5	459.8	523.0	639.0	644.2	653.5	693.0
57.5°	625.8	484.8	462.4	313.6	363.6	396.6	474.3	596.8	599.4	607.3	645.6
60°	546.7	350.4	424.2	275.3	309.6	334.6	429.5	546.7	556.0	561.2	594.2
62.5°	457.2	254.3	384.7	249.0	283.3	288.5	392.6	499.3	511.2	515.1	534.9
65°	325.4	213.4	326.7	226.6	255.6	256.9	353.1	450.6	461.1	467.7	482.2
67.5°	220.0	173.9	249.0	205.5	234.5	235.8	314.9	393.9	408.4	413.7	422.9
70°	152.8	115.9	184.4	183.1	210.8	213.4	274.0	342.5	355.7	359.7	364.9
72.5°	112.0	93.5	152.8	164.7	185.8	188.4	231.9	284.6	297.7	301.7	304.3
75°	85.6	98.8	123.8	143.6	158.1	159.4	189.7	231.9	241.1	243.7	245.0
77.5°	68.5	92.2	90.9	115.9	129.1	126.5	148.9	179.2	187.1	187.1	187.1
80°	51.4	72.5	68.5	83.0	94.9	92.2	106.7	127.8	130.4	133.1	131.7
82.5°	38.2	46.1	46.1	52.7	63.2	60.6	71.1	83.0	83.0	83.0	85.6
85°	23.7	26.3	21.1	27.7	35.6	34.3	39.5	44.8	46.1	46.1	43.5
87.5°	14.5	11.9	6.6	10.5	15.8	15.8	18.4	19.8	18.4	18.4	18.4
90°	17.7	12.3	6.9	12.3	17.7	19.1	30.0	44.5	51.8	46.0	34.5
92.5°	120.1	73.7	27.3	73.7	120.1	131.7	185.1	256.3	291.9	255.8	183.7
95°	235.2	150.4	65.5	150.4	235.2	256.5	455.4	720.7	853.4	761.5	577.7
97.5°	263.0	188.0	113.2	188.0	263.0	281.7	613.4	1055.8	1277.0	1218.9	1102.8
100°	285.9	218.0	150.1	218.0	285.9	302.8	670.9	1161.8	1407.2	1411.4	1419.9
102.5°	308.2	244.8	181.5	244.8	308.2	324.0	697.4	1195.1	1444.0	1518.0	1666.0
105°	341.9	288.3	234.7	288.3	341.9	355.4	716.9	1199.0	1440.0	1605.8	1937.4
107.5°	389.3	339.2	289.2	339.2	389.3	401.7	720.6	1145.6	1358.1	1589.5	2052.1
110°	416.3	371.2	326.0	371.2	416.3	427.6	715.0	1098.2	1289.9	1548.4	2065.7

TEST NUMBER: P935561

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	448.3	405.2	362.2	405.2	448.3	459.1	715.3	1056.9	1227.8	1492.4	2021.8
115°	496.2	456.5	416.8	456.5	496.2	506.2	722.0	1009.6	1153.5	1408.4	1918.4
117.5°	542.8	506.8	470.7	506.8	542.8	551.8	735.3	979.9	1102.3	1332.4	1792.6
120°	569.9	536.0	502.0	536.0	569.9	578.4	746.2	969.9	1081.8	1292.1	1712.5
122.5°	601.3	567.0	532.8	567.0	601.3	609.8	761.9	964.7	1066.2	1255.5	1634.2
125°	642.2	611.0	579.8	611.0	642.2	650.0	783.1	960.4	1049.1	1209.9	1531.6
127.5°	681.0	649.5	618.0	649.5	681.0	688.9	804.3	958.0	1034.8	1172.9	1449.1
130°	706.3	672.4	638.4	672.4	706.3	714.8	819.6	959.4	1029.3	1152.2	1398.1
132.5°	727.5	693.6	659.6	693.6	727.5	736.0	832.2	960.4	1024.5	1134.6	1354.7
135°	752.8	721.9	691.0	721.9	752.8	760.5	845.8	959.5	1016.4	1108.5	1292.9
137.5°	784.3	753.7	723.0	753.7	784.3	792.0	866.3	965.4	1015.0	1092.9	1248.7
140°	806.0	777.8	749.6	777.8	806.0	813.0	878.7	966.4	1010.2	1077.5	1212.1
142.5°	822.3	796.2	770.1	796.2	822.3	828.8	889.3	969.9	1010.2	1069.3	1187.6
145°	846.9	824.2	801.4	824.2	846.9	852.7	902.9	969.9	1003.4	1051.8	1148.5
147.5°	877.2	855.0	832.9	855.0	877.2	882.7	922.9	976.6	1003.4	1041.4	1117.6
150°	893.3	873.4	853.4	873.4	893.3	898.3	933.4	980.0	1003.4	1035.5	1099.8
152.5°	904.8	889.6	874.4	889.6	904.8	908.6	940.2	982.3	1003.4	1030.8	1085.7
155°	928.3	917.1	905.9	917.1	928.3	931.1	955.2	987.3	1003.4	1025.2	1068.9
157.5°	950.8	940.0	929.1	940.0	950.8	953.6	970.2	992.3	1003.4	1020.3	1054.3
160°	961.7	953.2	944.7	953.2	961.7	963.8	977.0	994.6	1003.4	1018.0	1047.0
162.5°	973.2	966.7	960.4	966.7	973.2	974.7	984.3	997.0	1003.4	1015.7	1040.2
165°	989.1	983.3	977.5	983.3	989.1	990.5	994.8	1000.5	1003.4	1012.2	1029.8
167.5°	998.6	995.9	993.2	995.9	998.6	999.3	1002.9	1007.8	1010.2	1016.0	1027.5
170°	1008.8	1006.1	1003.4	1006.1	1008.8	1009.5	1009.8	1010.0	1010.2	1016.0	1027.5
172.5°	1010.0	1009.4	1008.8	1009.4	1010.0	1010.2	1010.2	1010.2	1010.2	1014.8	1023.8
175°	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1014.3	1011.6	1010.2	1013.1	1018.9
177.5°	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1014.8	1012.6	1011.5	1013.8	1018.4
180°	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4

TEST NUMBER: P935561

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1392.5	1392.5	1392.5	1392.5	1392.5	1392.5	1392.5	1392.5	1392.5	1392.5	1392.5
2.5°	1343.8	1339.8	1345.1	1330.6	1345.1	1339.8	1343.8	1353.0	1345.1	1350.4	1355.7
5°	1179.1	1172.5	1151.5	1134.3	1151.5	1172.5	1179.1	1206.8	1220.0	1243.7	1275.3
7.5°	1054.0	1048.7	1043.4	1032.9	1043.4	1048.7	1054.0	1061.9	1075.0	1096.1	1119.8
10°	1026.3	1027.6	1035.5	1034.2	1035.5	1027.6	1026.3	1023.7	1019.7	1023.7	1038.2
12.5°	1097.4	1109.3	1152.8	1150.1	1152.8	1109.3	1097.4	1044.7	1009.2	1002.6	1005.2
15°	1179.1	1183.1	1192.3	1193.6	1192.3	1183.1	1179.1	1158.0	1051.3	1005.2	990.7
17.5°	1187.0	1188.3	1194.9	1194.9	1194.9	1188.3	1187.0	1177.8	1142.2	1080.3	998.6
20°	1180.4	1183.1	1196.2	1198.9	1196.2	1183.1	1180.4	1168.6	1148.8	1126.4	1064.5
22.5°	1177.8	1183.1	1193.6	1192.3	1193.6	1183.1	1177.8	1159.4	1142.2	1126.4	1101.4
25°	1164.6	1164.6	1165.9	1167.3	1165.9	1164.6	1164.6	1150.1	1115.9	1111.9	1097.4
27.5°	1137.0	1139.6	1147.5	1146.2	1147.5	1139.6	1137.0	1131.7	1094.8	1090.8	1080.3
30°	1111.9	1109.3	1102.7	1097.4	1102.7	1109.3	1111.9	1104.0	1067.1	1056.6	1059.2
32.5°	1069.8	1063.2	1056.6	1052.6	1056.6	1063.2	1069.8	1067.1	1039.5	1025.0	1027.6
35°	1019.7	1021.0	1019.7	1015.8	1019.7	1021.0	1019.7	1022.3	1005.2	992.0	990.7
37.5°	984.1	986.8	985.5	980.2	985.5	986.8	984.1	981.5	957.8	953.8	956.5
40°	947.2	948.6	947.2	943.3	947.2	948.6	947.2	942.0	909.0	910.4	919.6
42.5°	911.7	910.4	906.4	903.8	906.4	910.4	911.7	903.8	861.6	857.7	874.8
45°	870.8	872.2	864.2	860.3	864.2	872.2	870.8	865.6	822.1	811.6	823.4
47.5°	830.0	830.0	823.4	819.5	823.4	830.0	830.0	823.4	777.3	766.8	773.3
50°	786.5	785.2	776.0	774.7	776.0	785.2	786.5	782.6	733.8	724.6	724.6
52.5°	736.5	736.5	737.8	740.4	737.8	736.5	736.5	737.8	694.3	685.1	682.4
55°	693.0	694.3	703.5	706.2	703.5	694.3	693.0	693.0	653.5	644.2	639.0
57.5°	648.2	648.2	654.8	654.8	654.8	648.2	648.2	645.6	607.3	599.4	596.8
60°	596.8	599.4	604.7	603.4	604.7	599.4	596.8	594.2	561.2	556.0	546.7
62.5°	542.8	545.4	546.7	544.1	546.7	545.4	542.8	534.9	515.1	511.2	499.3
65°	486.1	488.8	490.1	487.5	490.1	488.8	486.1	482.2	467.7	461.1	450.6
67.5°	428.2	426.9	425.5	430.8	425.5	426.9	428.2	422.9	413.7	408.4	393.9
70°	368.9	368.9	367.6	370.2	367.6	368.9	368.9	364.9	359.7	355.7	342.5
72.5°	305.6	304.3	309.6	305.6	309.6	304.3	305.6	304.3	301.7	297.7	284.6
75°	243.7	246.4	243.7	247.7	243.7	246.4	243.7	245.0	243.7	241.1	231.9
77.5°	185.8	188.4	185.8	185.8	185.8	188.4	185.8	187.1	187.1	187.1	179.2
80°	131.7	130.4	130.4	129.1	130.4	130.4	131.7	131.7	133.1	130.4	127.8
82.5°	84.3	83.0	83.0	85.6	83.0	83.0	84.3	85.6	83.0	83.0	83.0
85°	46.1	47.4	44.8	44.8	44.8	47.4	46.1	43.5	46.1	46.1	44.8
87.5°	17.1	15.8	15.8	15.8	15.8	15.8	17.1	18.4	18.4	18.4	19.8
90°	25.9	25.9	25.9	25.9	25.9	25.9	25.9	34.5	46.0	51.8	44.5
92.5°	129.6	124.5	103.8	83.2	103.8	124.5	129.6	183.7	255.8	291.9	256.3
95°	439.9	424.3	361.9	299.4	361.9	424.3	439.9	577.7	761.5	853.4	720.7
97.5°	1015.7	986.0	867.1	748.3	867.1	986.0	1015.7	1102.8	1218.9	1277.0	1055.8
100°	1426.3	1390.9	1249.4	1107.8	1249.4	1390.9	1426.3	1419.9	1411.4	1407.2	1161.8
102.5°	1776.9	1746.6	1625.3	1504.1	1625.3	1746.6	1776.9	1666.0	1518.0	1444.0	1195.1
105°	2186.2	2169.8	2104.7	2039.5	2104.7	2169.8	2186.2	1937.4	1605.8	1440.0	1199.0
107.5°	2399.0	2402.9	2418.7	2434.5	2418.7	2402.9	2399.0	2052.1	1589.5	1358.1	1145.6
110°	2453.6	2470.6	2538.5	2606.4	2538.5	2470.6	2453.6	2065.7	1548.4	1289.9	1098.2

TEST NUMBER: P935561

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2418.8	2444.8	2549.1	2653.4	2549.1	2444.8	2418.8	2021.8	1492.4	1227.8	1056.9
115°	2300.8	2337.0	2481.6	2626.1	2481.6	2337.0	2300.8	1918.4	1408.4	1153.5	1009.6
117.5°	2137.8	2177.8	2338.2	2498.6	2338.2	2177.8	2137.8	1792.6	1332.4	1102.3	979.9
120°	2027.9	2066.9	2222.7	2378.5	2222.7	2066.9	2027.9	1712.5	1292.1	1081.8	969.9
122.5°	1918.1	1956.5	2110.2	2263.9	2110.2	1956.5	1918.1	1634.2	1255.5	1066.2	964.7
125°	1772.9	1808.2	1949.8	2091.4	1949.8	1808.2	1772.9	1531.6	1209.9	1049.1	960.4
127.5°	1656.2	1686.1	1805.5	1925.0	1805.5	1686.1	1656.2	1449.1	1172.9	1034.8	958.0
130°	1582.5	1610.1	1720.5	1830.8	1720.5	1610.1	1582.5	1398.1	1152.2	1029.3	959.4
132.5°	1519.7	1544.4	1643.3	1742.1	1643.3	1544.4	1519.7	1354.7	1134.6	1024.5	960.4
135°	1431.1	1452.4	1537.6	1622.7	1537.6	1452.4	1431.1	1292.9	1108.5	1016.4	959.5
137.5°	1365.6	1383.0	1452.7	1522.4	1452.7	1383.0	1365.6	1248.7	1092.9	1015.0	965.4
140°	1313.1	1329.4	1394.6	1459.7	1394.6	1329.4	1313.1	1212.1	1077.5	1010.2	966.4
142.5°	1276.3	1290.3	1346.3	1402.5	1346.3	1290.3	1276.3	1187.6	1069.3	1010.2	969.9
145°	1221.0	1231.6	1274.1	1316.5	1274.1	1231.6	1221.0	1148.5	1051.8	1003.4	969.9
147.5°	1174.6	1183.4	1218.6	1253.8	1218.6	1183.4	1174.6	1117.6	1041.4	1003.4	976.6
150°	1148.0	1155.1	1183.7	1212.1	1183.7	1155.1	1148.0	1099.8	1035.5	1003.4	980.0
152.5°	1126.9	1132.2	1153.7	1175.3	1153.7	1132.2	1126.9	1085.7	1030.8	1003.4	982.3
155°	1101.7	1105.3	1119.5	1133.7	1119.5	1105.3	1101.7	1068.9	1025.2	1003.4	987.3
157.5°	1079.8	1082.2	1092.3	1102.3	1092.3	1082.2	1079.8	1054.3	1020.3	1003.4	992.3
160°	1068.9	1070.3	1076.1	1081.8	1076.1	1070.3	1068.9	1047.0	1018.0	1003.4	994.6
162.5°	1058.6	1060.0	1065.5	1070.9	1065.5	1060.0	1058.6	1040.2	1015.7	1003.4	997.0
165°	1043.0	1044.4	1050.2	1055.9	1050.2	1044.4	1043.0	1029.8	1012.2	1003.4	1000.5
167.5°	1036.1	1036.7	1039.1	1041.6	1039.1	1036.7	1036.1	1027.5	1016.0	1010.2	1007.8
170°	1036.1	1036.1	1036.1	1036.1	1036.1	1036.1	1036.1	1027.5	1016.0	1010.2	1010.0
172.5°	1030.7	1030.2	1028.1	1025.9	1028.1	1030.2	1030.7	1023.8	1014.8	1010.2	1010.2
175°	1023.2	1023.2	1023.2	1023.2	1023.2	1023.2	1023.2	1018.9	1013.1	1010.2	1011.6
177.5°	1021.8	1021.2	1018.8	1016.4	1018.8	1021.2	1021.8	1018.4	1013.8	1011.5	1012.6
180°	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4

TEST NUMBER: P935561

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1392.5	1392.5	1392.5	1392.5	1392.5
2.5°	1375.4	1382.0	1386.0	1391.2	1404.4
5°	1322.7	1347.8	1355.7	1375.4	1399.1
7.5°	1206.8	1283.2	1304.3	1351.7	1388.6
10°	1094.8	1171.2	1208.1	1320.1	1375.4
12.5°	1038.2	1082.9	1108.0	1264.8	1357.0
15°	1002.6	1034.2	1052.6	1191.0	1335.9
17.5°	974.9	997.3	1010.5	1118.5	1306.9
20°	957.8	968.3	980.2	1065.8	1274.0
22.5°	945.9	939.3	948.6	1028.9	1229.2
25°	938.0	913.0	923.5	999.9	1176.5
27.5°	944.6	889.3	893.2	973.6	1121.2
30°	945.9	860.3	861.6	945.9	1059.2
32.5°	936.7	830.0	831.3	911.7	989.4
35°	914.3	794.4	793.1	872.2	894.5
37.5°	884.0	756.2	756.2	828.7	790.5
40°	847.1	718.0	722.0	772.0	698.2
42.5°	802.3	677.2	682.4	696.9	629.7
45°	753.6	637.6	641.6	588.9	577.0
47.5°	699.6	596.8	598.1	488.8	559.9
50°	635.0	554.6	549.4	418.9	558.6
52.5°	578.4	508.5	492.7	379.4	507.2
55°	523.0	459.8	425.5	349.1	470.3
57.5°	474.3	396.6	363.6	313.6	462.4
60°	429.5	334.6	309.6	275.3	424.2
62.5°	392.6	288.5	283.3	249.0	384.7
65°	353.1	256.9	255.6	226.6	326.7
67.5°	314.9	235.8	234.5	205.5	249.0
70°	274.0	213.4	210.8	183.1	184.4
72.5°	231.9	188.4	185.8	164.7	152.8
75°	189.7	159.4	158.1	143.6	123.8
77.5°	148.9	126.5	129.1	115.9	90.9
80°	106.7	92.2	94.9	83.0	68.5
82.5°	71.1	60.6	63.2	52.7	46.1
85°	39.5	34.3	35.6	27.7	21.1
87.5°	18.4	15.8	15.8	10.5	6.6
90°	30.0	19.1	17.7	12.3	6.9
92.5°	185.1	131.7	120.1	73.7	27.3
95°	455.4	256.5	235.2	150.4	65.5
97.5°	613.4	281.7	263.0	188.0	113.2
100°	670.9	302.8	285.9	218.0	150.1
102.5°	697.4	324.0	308.2	244.8	181.5
105°	716.9	355.4	341.9	288.3	234.7
107.5°	720.6	401.7	389.3	339.2	289.2
110°	715.0	427.6	416.3	371.2	326.0

TEST NUMBER: P935561

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	715.3	459.1	448.3	405.2	362.2
115°	722.0	506.2	496.2	456.5	416.8
117.5°	735.3	551.8	542.8	506.8	470.7
120°	746.2	578.4	569.9	536.0	502.0
122.5°	761.9	609.8	601.3	567.0	532.8
125°	783.1	650.0	642.2	611.0	579.8
127.5°	804.3	688.9	681.0	649.5	618.0
130°	819.6	714.8	706.3	672.4	638.4
132.5°	832.2	736.0	727.5	693.6	659.6
135°	845.8	760.5	752.8	721.9	691.0
137.5°	866.3	792.0	784.3	753.7	723.0
140°	878.7	813.0	806.0	777.8	749.6
142.5°	889.3	828.8	822.3	796.2	770.1
145°	902.9	852.7	846.9	824.2	801.4
147.5°	922.9	882.7	877.2	855.0	832.9
150°	933.4	898.3	893.3	873.4	853.4
152.5°	940.2	908.6	904.8	889.6	874.4
155°	955.2	931.1	928.3	917.1	905.9
157.5°	970.2	953.6	950.8	940.0	929.1
160°	977.0	963.8	961.7	953.2	944.7
162.5°	984.3	974.7	973.2	966.7	960.4
165°	994.8	990.5	989.1	983.3	977.5
167.5°	1002.9	999.3	998.6	995.9	993.2
170°	1009.8	1009.5	1008.8	1006.1	1003.4
172.5°	1010.2	1010.2	1010.0	1009.4	1008.8
175°	1014.3	1016.4	1016.4	1016.4	1016.4
177.5°	1014.8	1016.4	1016.4	1016.4	1016.4
180°	1016.4	1016.4	1016.4	1016.4	1016.4

TEST NUMBER: P935561

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-6-3000K

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	10.76	11.51	11.84	12.58	14.05	13.59	14.33	14.66	15.40	16.87
	3H	11.23	11.90	12.31	12.98	14.46	14.92	15.59	16.00	16.67	18.15
	4H	11.42	12.05	12.51	13.13	14.62	15.36	15.99	16.45	17.08	18.56
	6H	11.53	12.11	12.63	13.20	14.70	15.64	16.22	16.74	17.31	18.81
	8H	11.53	12.08	12.63	13.18	14.68	15.71	16.26	16.81	17.36	18.86
	12H	11.49	12.02	12.60	13.12	14.63	15.74	16.27	16.85	17.36	18.88
4H	2H	11.78	12.41	12.88	13.50	14.98	13.98	14.61	15.08	15.70	17.19
	3H	12.79	13.32	13.90	14.43	15.93	15.47	16.00	16.58	17.11	18.61
	4H	13.07	13.55	14.18	14.65	16.17	16.00	16.48	17.11	17.58	19.10
	6H	13.18	13.60	14.30	14.72	16.24	16.35	16.77	17.47	17.89	19.41
	8H	13.19	13.57	14.31	14.69	16.22	16.46	16.84	17.58	17.96	19.49
	12H	13.15	13.50	14.28	14.63	16.16	16.51	16.86	17.64	17.99	19.52
8H	4H	13.51	13.90	14.63	15.01	16.54	16.11	16.50	17.23	17.61	19.15
	6H	13.77	14.09	14.91	15.24	16.77	16.54	16.86	17.68	18.02	19.55
	8H	13.81	14.09	14.95	15.23	16.77	16.69	16.97	17.84	18.11	19.66
	12H	13.79	14.03	14.94	15.17	16.75	16.78	17.03	17.93	18.16	19.75
12H	4H	13.51	13.86	14.65	14.99	16.52	16.07	16.42	17.21	17.55	19.09
	6H	13.83	14.11	14.97	15.24	16.79	16.54	16.82	17.68	17.96	19.50
	8H	13.89	14.13	15.04	15.27	16.85	16.69	16.94	17.84	18.07	19.66