

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: P935541

Luminaire Tested: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-5000K

Issue Date: 12/17/2024

**Test Information**

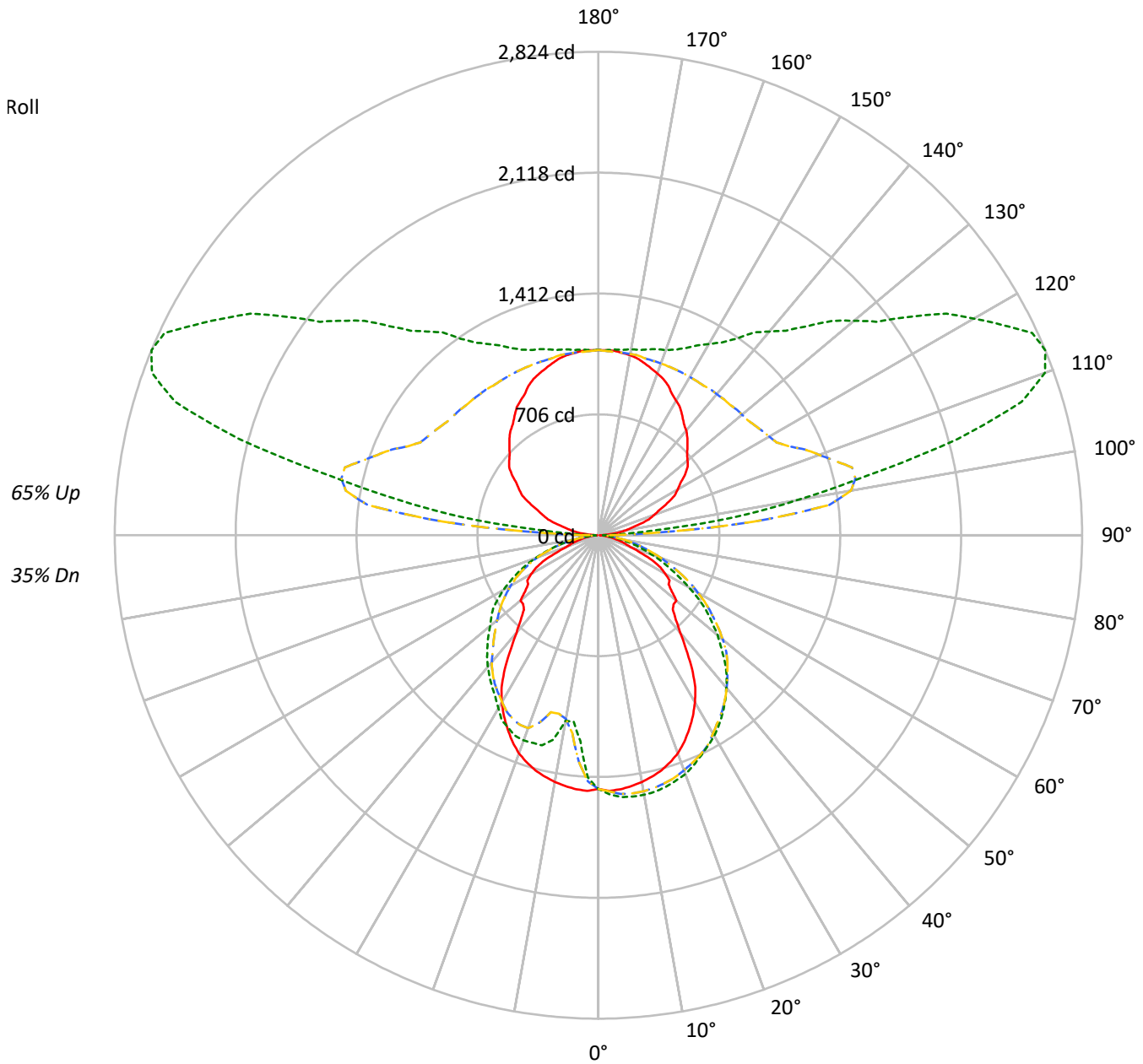
Test Method: LM-79-2019  
Report Number: P935541  
REPORT IS A COMBINATION OF REPORTS P933759 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-5000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10858.4 lumens  
Efficiency: N/A  
Efficacy: 130.2 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

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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	
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	0
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°	9168	9168	9168	9168
5°	9233	9255	9233	7277
10°	9167	9116	9167	6517
15°	9065	8918	9065	7447
20°	8872	8685	8872	7463
25°	8480	8343	8480	7304
30°	7976	8060	7976	6957
35°	7106	7702	7106	6576
40°	5918	7280	5918	6288
45°	5284	6786	5284	5956
50°	5610	6197	5610	5623
55°	5273	5562	5273	5431
60°	5429	4724	5429	4974
65°	4914	3905	4914	4366
70°	3395	3112	3395	3659
75°	2966	2300	2966	2755
80°	2373	1521	2373	1656
85°	1335	806	1335	685

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 8104 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	133.8	1.2
10°-20°	379.8	3.5
20°-30°	587.1	5.4
30°-40°	700.9	6.5
40°-50°	705.0	6.5
50°-60°	613.5	5.6
60°-70°	435.0	4.0
70°-80°	230.1	2.1
80°-90°	61.4	0.6
90°-100°	527.2	4.9
100°-110°	1386.1	12.8
110°-120°	1437.3	13.2
120°-130°	1152.9	10.6
130°-140°	904.6	8.3
140°-150°	694.3	6.4
150°-160°	500.0	4.6
160°-170°	305.9	2.8
170°-180°	103.4	1.0
0°-30°	1100.7	10.1
0°-40°	1801.6	16.6
0°-60°	3120.1	28.7
0°-90°	3846.6	35.4
90°-120°	3350.6	30.9
90°-150°	6102.4	56.2
90°-180°	7012.0	64.6
0°-180°	10858.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1482	1482	1482	1482	1482	
5°	1489	1535	1489	1207	1489	141
15°	1422	1521	1422	1270	1422	400
25°	1252	1419	1252	1242	1252	575
35°	952	1266	952	1081	952	589
45°	614	1043	614	916	614	492
55°	500	770	500	752	500	460
65°	348	464	348	519	348	332
75°	132	220	132	264	132	139
85°	22	56	22	48	22	30
90°	7	28	7	28	7	7
95°	70	319	70	319	70	77
105°	250	2170	250	2170	250	265
115°	444	2795	444	2795	444	438
125°	617	2226	617	2226	617	548
135°	735	1727	735	1727	735	569
145°	853	1401	853	1401	853	534
155°	964	1206	964	1206	964	443
165°	1040	1124	1040	1124	1040	294
175°	1082	1089	1082	1089	1082	103
180°	1082	1082	1082	1082	1082	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0
2.5°	1494.6	1494.6	1503.0	1505.8	1505.8	1501.6	1497.4	1501.6	1514.2	1518.4	1517.0
5°	1489.0	1500.2	1515.6	1518.4	1521.2	1519.8	1517.0	1519.8	1533.9	1536.7	1538.1
7.5°	1477.8	1498.8	1518.4	1522.6	1526.8	1522.6	1521.2	1524.0	1538.1	1540.9	1540.9
10°	1463.7	1493.2	1515.6	1518.4	1522.6	1518.4	1518.4	1524.0	1538.1	1540.9	1542.3
12.5°	1444.1	1484.8	1505.8	1508.6	1514.2	1512.8	1511.4	1517.0	1531.0	1533.9	1533.9
15°	1421.7	1469.4	1489.0	1491.8	1501.6	1498.8	1498.8	1504.4	1519.8	1524.0	1522.6
17.5°	1390.8	1449.7	1472.2	1476.4	1483.4	1482.0	1483.4	1489.0	1503.0	1505.8	1507.2
20°	1355.8	1423.1	1449.7	1453.9	1460.9	1460.9	1460.9	1468.0	1482.0	1487.6	1487.6
22.5°	1308.1	1395.0	1423.1	1425.9	1434.3	1434.3	1437.1	1446.9	1459.5	1460.9	1460.9
25°	1252.0	1364.2	1388.0	1396.5	1404.9	1409.1	1413.3	1418.9	1423.1	1421.7	1423.1
27.5°	1193.2	1324.9	1355.8	1361.4	1372.6	1376.8	1382.4	1383.8	1385.2	1389.4	1386.6
30°	1127.3	1270.3	1316.5	1322.1	1340.4	1343.2	1337.6	1340.4	1347.4	1350.2	1353.0
32.5°	1052.9	1188.9	1275.9	1288.5	1305.3	1296.9	1295.5	1299.7	1310.9	1310.9	1313.7
35°	952.0	1125.9	1238.0	1249.2	1261.9	1252.0	1257.6	1259.0	1266.1	1270.3	1268.9
37.5°	841.2	1071.2	1198.8	1207.2	1217.0	1204.4	1212.8	1217.0	1222.6	1219.8	1219.8
40°	743.1	985.6	1152.5	1158.1	1166.5	1156.7	1165.1	1167.9	1170.7	1167.9	1166.5
42.5°	670.2	891.7	1103.4	1110.4	1104.8	1111.8	1114.6	1120.2	1116.0	1110.4	1110.4
45°	614.1	866.5	1050.1	1058.6	1050.1	1061.4	1065.6	1065.6	1052.9	1050.1	1048.7
47.5°	595.9	816.0	996.9	996.9	992.7	1006.7	1013.7	1003.9	991.3	987.0	987.0
50°	594.5	759.9	924.0	918.3	938.0	954.8	947.8	938.0	928.2	912.7	912.7
52.5°	539.8	691.2	830.0	851.0	881.9	891.7	880.5	870.7	853.9	846.8	841.2
55°	500.5	619.7	744.5	786.6	818.8	831.4	810.4	800.6	775.3	771.1	768.3
57.5°	492.1	516.0	666.0	719.3	758.5	757.1	744.5	726.3	705.2	701.0	699.6
60°	451.5	372.9	581.9	644.9	685.6	681.4	670.2	653.4	633.7	630.9	628.1
62.5°	409.4	270.6	486.5	558.0	615.5	614.1	604.3	579.1	565.0	558.0	552.4
65°	347.7	227.1	346.3	464.1	546.8	549.6	528.6	510.3	494.9	486.5	485.1
67.5°	265.0	185.1	234.1	387.0	480.9	478.1	451.5	443.1	423.4	419.2	410.8
70°	196.3	123.4	162.6	314.1	416.4	409.4	388.4	378.6	360.3	350.5	344.9
72.5°	162.6	99.5	119.2	244.0	350.5	342.1	323.9	312.7	297.2	288.8	283.2
75°	131.8	105.2	91.1	180.9	284.6	279.0	262.2	251.0	238.4	227.1	228.5
77.5°	96.7	98.1	72.9	133.2	225.7	217.3	207.5	193.5	187.9	176.7	176.7
80°	72.9	77.1	54.7	91.1	162.6	162.6	154.2	144.4	134.6	129.0	129.0
82.5°	49.1	49.1	40.7	57.5	110.8	106.6	100.9	98.1	92.5	89.7	89.7
85°	22.4	28.0	25.2	35.1	60.3	63.1	63.1	60.3	58.9	56.1	57.5
87.5°	7.0	12.6	15.4	19.6	30.8	32.2	33.6	33.6	33.6	35.1	35.1
90°	7.3	13.1	18.9	20.3	31.9	47.4	55.1	49.0	36.7	27.6	27.6
92.5°	29.1	78.4	127.8	140.1	196.9	272.7	310.7	272.3	195.5	138.0	132.4
95°	69.7	160.0	250.3	272.9	484.6	767.0	908.2	810.4	614.8	468.2	451.6
97.5°	120.5	200.1	279.9	299.8	652.8	1123.6	1359.0	1297.2	1173.6	1080.9	1049.3
100°	159.7	232.0	304.2	322.3	714.0	1236.4	1497.6	1502.1	1511.1	1517.9	1480.2
102.5°	193.1	260.5	328.0	344.8	742.2	1271.9	1536.8	1615.5	1773.0	1891.0	1858.8
105°	249.8	306.9	363.9	378.2	762.9	1276.0	1532.5	1708.9	2061.9	2326.6	2309.2
107.5°	307.8	361.0	414.3	427.5	766.8	1219.1	1445.3	1691.5	2183.8	2553.1	2557.3
110°	347.0	395.0	443.1	455.1	760.9	1168.8	1372.7	1647.9	2198.3	2611.2	2629.2



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	385.5	431.3	477.1	488.6	761.2	1124.8	1306.6	1588.3	2151.6	2574.1	2601.8
115°	443.5	485.8	528.1	538.7	768.3	1074.4	1227.5	1498.9	2041.6	2448.6	2487.1
117.5°	500.9	539.3	577.6	587.3	782.5	1042.9	1173.1	1417.9	1907.7	2275.1	2317.7
120°	534.3	570.5	606.5	615.6	794.1	1032.2	1151.3	1375.0	1822.5	2158.1	2199.6
122.5°	567.0	603.4	639.9	649.0	810.9	1026.7	1134.6	1336.2	1739.1	2041.3	2082.2
125°	617.0	650.3	683.5	691.8	833.4	1022.1	1116.5	1287.7	1629.9	1886.7	1924.4
127.5°	657.7	691.2	724.8	733.2	855.9	1019.5	1101.3	1248.2	1542.2	1762.6	1794.4
130°	679.4	715.6	751.7	760.8	872.3	1021.0	1095.4	1226.2	1487.9	1684.2	1713.5
132.5°	702.0	738.1	774.2	783.3	885.6	1022.1	1090.3	1207.5	1441.7	1617.3	1643.6
135°	735.3	768.2	801.1	809.4	900.1	1021.2	1081.6	1179.7	1375.9	1523.0	1545.6
137.5°	769.4	802.1	834.7	842.8	921.9	1027.4	1080.1	1163.1	1328.9	1453.3	1471.8
140°	797.8	827.8	857.8	865.3	935.2	1028.5	1075.1	1146.7	1290.0	1397.4	1414.8
142.5°	819.6	847.3	875.1	882.0	946.4	1032.2	1075.1	1138.0	1263.8	1358.2	1373.2
145°	852.9	877.1	901.3	907.4	960.9	1032.2	1067.8	1119.3	1222.2	1299.4	1310.7
147.5°	886.4	909.9	933.5	939.4	982.2	1039.3	1067.8	1108.3	1189.3	1250.1	1259.4
150°	908.2	929.5	950.7	956.0	993.3	1042.9	1067.8	1102.0	1170.4	1221.8	1229.3
152.5°	930.6	946.8	962.9	967.0	1000.6	1045.4	1067.8	1097.0	1155.4	1199.2	1204.9
155°	964.1	976.0	987.9	990.9	1016.5	1050.7	1067.8	1091.1	1137.5	1172.4	1176.2
157.5°	988.7	1000.3	1011.9	1014.8	1032.5	1056.0	1067.8	1085.8	1122.0	1149.1	1151.7
160°	1005.4	1014.4	1023.5	1025.7	1039.8	1058.5	1067.8	1083.3	1114.3	1137.5	1139.0
162.5°	1022.1	1028.8	1035.7	1037.3	1047.5	1061.1	1067.8	1080.9	1107.0	1126.6	1128.1
165°	1040.2	1046.4	1052.6	1054.1	1058.6	1064.7	1067.8	1077.2	1095.9	1110.0	1111.5
167.5°	1057.0	1059.9	1062.8	1063.5	1067.3	1072.5	1075.1	1081.3	1093.5	1102.7	1103.3
170°	1067.8	1070.7	1073.6	1074.4	1074.6	1074.9	1075.1	1081.3	1093.5	1102.7	1102.7
172.5°	1073.6	1074.3	1074.9	1075.1	1075.1	1075.1	1075.1	1080.0	1089.6	1096.9	1096.3
175°	1081.6	1081.6	1081.6	1081.6	1079.5	1076.6	1075.1	1078.2	1084.4	1088.9	1088.9
177.5°	1081.6	1081.6	1081.6	1081.6	1080.0	1077.6	1076.5	1078.9	1083.8	1087.4	1086.8
180°	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0
2.5°	1519.8	1515.6	1519.8	1517.0	1518.4	1514.2	1501.6	1497.4	1501.6	1505.8	1505.8
5°	1538.1	1535.3	1538.1	1538.1	1536.7	1533.9	1519.8	1517.0	1519.8	1521.2	1518.4
7.5°	1543.7	1539.5	1543.7	1540.9	1540.9	1538.1	1524.0	1521.2	1522.6	1526.8	1522.6
10°	1543.7	1539.5	1543.7	1542.3	1540.9	1538.1	1524.0	1518.4	1518.4	1522.6	1518.4
12.5°	1536.7	1533.9	1536.7	1533.9	1533.9	1531.0	1517.0	1511.4	1512.8	1514.2	1508.6
15°	1525.4	1521.2	1525.4	1522.6	1524.0	1519.8	1504.4	1498.8	1498.8	1501.6	1491.8
17.5°	1508.6	1503.0	1508.6	1507.2	1505.8	1503.0	1489.0	1483.4	1482.0	1483.4	1476.4
20°	1489.0	1484.8	1489.0	1487.6	1487.6	1482.0	1468.0	1460.9	1460.9	1460.9	1453.9
22.5°	1458.1	1453.9	1458.1	1460.9	1460.9	1459.5	1446.9	1437.1	1434.3	1434.3	1425.9
25°	1423.1	1418.9	1423.1	1423.1	1421.7	1423.1	1418.9	1413.3	1409.1	1404.9	1396.5
27.5°	1389.4	1386.6	1389.4	1386.6	1389.4	1385.2	1383.8	1382.4	1376.8	1372.6	1361.4
30°	1355.8	1353.0	1355.8	1353.0	1350.2	1347.4	1340.4	1337.6	1343.2	1340.4	1322.1
32.5°	1313.7	1310.9	1313.7	1313.7	1310.9	1310.9	1299.7	1295.5	1296.9	1305.3	1288.5
35°	1270.3	1266.1	1270.3	1268.9	1270.3	1266.1	1259.0	1257.6	1252.0	1261.9	1249.2
37.5°	1219.8	1215.6	1219.8	1219.8	1219.8	1222.6	1217.0	1212.8	1204.4	1217.0	1207.2
40°	1167.9	1162.3	1167.9	1166.5	1167.9	1170.7	1167.9	1165.1	1156.7	1166.5	1158.1
42.5°	1109.0	1107.6	1109.0	1110.4	1110.4	1116.0	1120.2	1114.6	1111.8	1104.8	1110.4
45°	1045.9	1043.1	1045.9	1048.7	1050.1	1052.9	1065.6	1065.6	1061.4	1050.1	1058.6
47.5°	978.6	971.6	978.6	987.0	987.0	991.3	1003.9	1013.7	1006.7	992.7	996.9
50°	907.1	908.5	907.1	912.7	912.7	928.2	938.0	947.8	954.8	938.0	918.3
52.5°	837.0	835.6	837.0	841.2	846.8	853.9	870.7	880.5	891.7	881.9	851.0
55°	766.9	769.7	766.9	768.3	771.1	775.3	800.6	810.4	831.4	818.8	786.6
57.5°	696.8	692.6	696.8	699.6	701.0	705.2	726.3	744.5	757.1	758.5	719.3
60°	615.5	609.9	615.5	628.1	630.9	633.7	653.4	670.2	681.4	685.6	644.9
62.5°	544.0	534.2	544.0	552.4	558.0	565.0	579.1	604.3	614.1	615.5	558.0
65°	468.3	464.1	468.3	485.1	486.5	494.9	510.3	528.6	549.6	546.8	464.1
67.5°	399.6	399.6	399.6	410.8	419.2	423.4	443.1	451.5	478.1	480.9	387.0
70°	336.5	335.1	336.5	344.9	350.5	360.3	378.6	388.4	409.4	416.4	314.1
72.5°	276.2	274.8	276.2	283.2	288.8	297.2	312.7	323.9	342.1	350.5	244.0
75°	222.9	220.1	222.9	228.5	227.1	238.4	251.0	262.2	279.0	284.6	180.9
77.5°	171.1	171.1	171.1	176.7	176.7	187.9	193.5	207.5	217.3	225.7	133.2
80°	127.6	126.2	127.6	129.0	129.0	134.6	144.4	154.2	162.6	162.6	91.1
82.5°	89.7	86.9	89.7	89.7	89.7	92.5	98.1	100.9	106.6	110.8	57.5
85°	56.1	56.1	56.1	57.5	56.1	58.9	60.3	63.1	63.1	60.3	35.1
87.5°	36.5	35.1	36.5	35.1	35.1	33.6	33.6	33.6	32.2	30.8	19.6
90°	27.6	27.6	27.6	27.6	27.6	36.7	49.0	55.1	47.4	31.9	20.3
92.5°	110.5	88.5	110.5	132.4	138.0	195.5	272.3	310.7	272.7	196.9	140.1
95°	385.1	318.6	385.1	451.6	468.2	614.8	810.4	908.2	767.0	484.6	272.9
97.5°	922.8	796.4	922.8	1049.3	1080.9	1173.6	1297.2	1359.0	1123.6	652.8	299.8
100°	1329.6	1178.9	1329.6	1480.2	1517.9	1511.1	1502.1	1497.6	1236.4	714.0	322.3
102.5°	1729.7	1600.7	1729.7	1858.8	1891.0	1773.0	1615.5	1536.8	1271.9	742.2	344.8
105°	2239.8	2170.5	2239.8	2309.2	2326.6	2061.9	1708.9	1532.5	1276.0	762.9	378.2
107.5°	2574.0	2590.8	2574.0	2557.3	2553.1	2183.8	1691.5	1445.3	1219.1	766.8	427.5
110°	2701.5	2773.7	2701.5	2629.2	2611.2	2198.3	1647.9	1372.7	1168.8	760.9	455.1





TEST NUMBER: P935541

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-5000K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2712.8	2823.8	2712.8	2601.8	2574.1	2151.6	1588.3	1306.6	1124.8	761.2	488.6
115°	2640.9	2794.8	2640.9	2487.1	2448.6	2041.6	1498.9	1227.5	1074.4	768.3	538.7
117.5°	2488.4	2659.1	2488.4	2317.7	2275.1	1907.7	1417.9	1173.1	1042.9	782.5	587.3
120°	2365.5	2531.3	2365.5	2199.6	2158.1	1822.5	1375.0	1151.3	1032.2	794.1	615.6
122.5°	2245.7	2409.3	2245.7	2082.2	2041.3	1739.1	1336.2	1134.6	1026.7	810.9	649.0
125°	2075.0	2225.7	2075.0	1924.4	1886.7	1629.9	1287.7	1116.5	1022.1	833.4	691.8
127.5°	1921.5	2048.6	1921.5	1794.4	1762.6	1542.2	1248.2	1101.3	1019.5	855.9	733.2
130°	1831.0	1948.4	1831.0	1713.5	1684.2	1487.9	1226.2	1095.4	1021.0	872.3	760.8
132.5°	1748.8	1854.0	1748.8	1643.6	1617.3	1441.7	1207.5	1090.3	1022.1	885.6	783.3
135°	1636.3	1727.0	1636.3	1545.6	1523.0	1375.9	1179.7	1081.6	1021.2	900.1	809.4
137.5°	1546.0	1620.2	1546.0	1471.8	1453.3	1328.9	1163.1	1080.1	1027.4	921.9	842.8
140°	1484.1	1553.5	1484.1	1414.8	1397.4	1290.0	1146.7	1075.1	1028.5	935.2	865.3
142.5°	1432.8	1492.5	1432.8	1373.2	1358.2	1263.8	1138.0	1075.1	1032.2	946.4	882.0
145°	1355.9	1401.0	1355.9	1310.7	1299.4	1222.2	1119.3	1067.8	1032.2	960.9	907.4
147.5°	1296.9	1334.3	1296.9	1259.4	1250.1	1189.3	1108.3	1067.8	1039.3	982.2	939.4
150°	1259.7	1290.0	1259.7	1229.3	1221.8	1170.4	1102.0	1067.8	1042.9	993.3	956.0
152.5°	1227.8	1250.7	1227.8	1204.9	1199.2	1155.4	1097.0	1067.8	1045.4	1000.6	967.0
155°	1191.4	1206.5	1191.4	1176.2	1172.4	1137.5	1091.1	1067.8	1050.7	1016.5	990.9
157.5°	1162.4	1173.1	1162.4	1151.7	1149.1	1122.0	1085.8	1067.8	1056.0	1032.5	1014.8
160°	1145.2	1151.3	1145.2	1139.0	1137.5	1114.3	1083.3	1067.8	1058.5	1039.8	1025.7
162.5°	1133.9	1139.7	1133.9	1128.1	1126.6	1107.0	1080.9	1067.8	1061.1	1047.5	1037.3
165°	1117.6	1123.7	1117.6	1111.5	1110.0	1095.9	1077.2	1067.8	1064.7	1058.6	1054.1
167.5°	1105.9	1108.5	1105.9	1103.3	1102.7	1093.5	1081.3	1075.1	1072.5	1067.3	1063.5
170°	1102.7	1102.7	1102.7	1102.7	1102.7	1093.5	1081.3	1075.1	1074.9	1074.6	1074.4
172.5°	1094.1	1091.8	1094.1	1096.3	1096.9	1089.6	1080.0	1075.1	1075.1	1075.1	1075.1
175°	1088.9	1088.9	1088.9	1088.9	1088.9	1084.4	1078.2	1075.1	1076.6	1079.5	1081.6
177.5°	1084.3	1081.6	1084.3	1086.8	1087.4	1083.8	1078.9	1076.5	1077.6	1080.0	1081.6
180°	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6



TEST NUMBER: P935541

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-5000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0
2.5°	1503.0	1494.6	1494.6	1480.6	1475.0	1470.8	1463.7	1442.7	1437.1	1431.5	1439.9
5°	1515.6	1500.2	1489.0	1463.7	1442.7	1434.3	1407.7	1357.2	1323.5	1298.3	1284.3
7.5°	1518.4	1498.8	1477.8	1438.5	1388.0	1365.6	1284.3	1191.8	1166.5	1144.1	1130.1
10°	1515.6	1493.2	1463.7	1404.9	1285.7	1246.4	1165.1	1104.8	1089.4	1085.2	1089.4
12.5°	1505.8	1484.8	1444.1	1346.0	1179.1	1152.5	1104.8	1069.8	1067.0	1074.0	1111.8
15°	1489.0	1469.4	1421.7	1267.5	1120.2	1100.6	1067.0	1054.3	1069.8	1118.8	1232.4
17.5°	1472.2	1449.7	1390.8	1190.3	1075.4	1061.4	1037.5	1062.8	1149.7	1215.6	1253.4
20°	1449.7	1423.1	1355.8	1134.3	1043.1	1030.5	1019.3	1132.9	1198.8	1222.6	1243.6
22.5°	1423.1	1395.0	1308.1	1095.0	1009.5	999.7	1006.7	1172.1	1198.8	1215.6	1233.8
25°	1388.0	1364.2	1252.0	1064.2	982.8	971.6	998.3	1167.9	1183.3	1187.5	1224.0
27.5°	1355.8	1324.9	1193.2	1036.1	950.6	946.4	1005.3	1149.7	1160.9	1165.1	1204.4
30°	1316.5	1270.3	1127.3	1006.7	916.9	915.5	1006.7	1127.3	1124.5	1135.7	1174.9
32.5°	1275.9	1188.9	1052.9	970.2	884.7	883.3	996.9	1093.6	1090.8	1106.2	1135.7
35°	1238.0	1125.9	952.0	928.2	844.0	845.4	973.0	1054.3	1055.8	1069.8	1088.0
37.5°	1198.8	1071.2	841.2	881.9	804.8	804.8	940.8	1017.9	1015.1	1019.3	1044.5
40°	1152.5	985.6	743.1	821.6	768.3	764.1	901.5	978.6	968.8	967.4	1002.5
42.5°	1103.4	891.7	670.2	741.7	726.3	720.7	853.9	931.0	912.7	916.9	961.8
45°	1050.1	866.5	614.1	626.7	682.8	678.6	802.0	876.3	863.7	874.9	921.2
47.5°	996.9	816.0	595.9	520.2	636.5	635.1	744.5	823.0	816.0	827.2	876.3
50°	924.0	759.9	594.5	445.9	584.7	590.3	675.8	771.1	771.1	780.9	832.8
52.5°	830.0	691.2	539.8	403.8	524.4	541.2	615.5	726.3	729.1	738.9	785.2
55°	744.5	619.7	500.5	371.5	452.9	489.3	556.6	680.0	685.6	695.4	737.5
57.5°	666.0	516.0	492.1	333.7	387.0	422.0	504.7	635.1	637.9	646.3	687.0
60°	581.9	372.9	451.5	293.0	329.5	356.1	457.1	581.9	591.7	597.3	632.3
62.5°	486.5	270.6	409.4	265.0	301.4	307.1	417.8	531.4	544.0	548.2	569.2
65°	346.3	227.1	347.7	241.2	272.0	273.4	375.8	479.5	490.7	497.7	513.2
67.5°	234.1	185.1	265.0	218.7	249.6	251.0	335.1	419.2	434.6	440.2	450.1
70°	162.6	123.4	196.3	194.9	224.3	227.1	291.6	364.5	378.6	382.8	388.4
72.5°	119.2	99.5	162.6	175.3	197.7	200.5	246.8	302.8	316.9	321.1	323.9
75°	91.1	105.2	131.8	152.8	168.2	169.6	201.9	246.8	256.6	259.4	260.8
77.5°	72.9	98.1	96.7	123.4	137.4	134.6	158.4	190.7	199.1	199.1	199.1
80°	54.7	77.1	72.9	88.3	100.9	98.1	113.6	136.0	138.8	141.6	140.2
82.5°	40.7	49.1	49.1	56.1	67.3	64.5	75.7	88.3	88.3	88.3	91.1
85°	25.2	28.0	22.4	29.4	37.9	36.5	42.1	47.7	49.1	49.1	46.3
87.5°	15.4	12.6	7.0	11.2	16.8	16.8	19.6	21.0	19.6	19.6	19.6
90°	18.9	13.1	7.3	13.1	18.9	20.3	31.9	47.4	55.1	49.0	36.7
92.5°	127.8	78.4	29.1	78.4	127.8	140.1	196.9	272.7	310.7	272.3	195.5
95°	250.3	160.0	69.7	160.0	250.3	272.9	484.6	767.0	908.2	810.4	614.8
97.5°	279.9	200.1	120.5	200.1	279.9	299.8	652.8	1123.6	1359.0	1297.2	1173.6
100°	304.2	232.0	159.7	232.0	304.2	322.3	714.0	1236.4	1497.6	1502.1	1511.1
102.5°	328.0	260.5	193.1	260.5	328.0	344.8	742.2	1271.9	1536.8	1615.5	1773.0
105°	363.9	306.9	249.8	306.9	363.9	378.2	762.9	1276.0	1532.5	1708.9	2061.9
107.5°	414.3	361.0	307.8	361.0	414.3	427.5	766.8	1219.1	1445.3	1691.5	2183.8
110°	443.1	395.0	347.0	395.0	443.1	455.1	760.9	1168.8	1372.7	1647.9	2198.3



TEST NUMBER: P935541

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-5000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	477.1	431.3	385.5	431.3	477.1	488.6	761.2	1124.8	1306.6	1588.3	2151.6
115°	528.1	485.8	443.5	485.8	528.1	538.7	768.3	1074.4	1227.5	1498.9	2041.6
117.5°	577.6	539.3	500.9	539.3	577.6	587.3	782.5	1042.9	1173.1	1417.9	1907.7
120°	606.5	570.5	534.3	570.5	606.5	615.6	794.1	1032.2	1151.3	1375.0	1822.5
122.5°	639.9	603.4	567.0	603.4	639.9	649.0	810.9	1026.7	1134.6	1336.2	1739.1
125°	683.5	650.3	617.0	650.3	683.5	691.8	833.4	1022.1	1116.5	1287.7	1629.9
127.5°	724.8	691.2	657.7	691.2	724.8	733.2	855.9	1019.5	1101.3	1248.2	1542.2
130°	751.7	715.6	679.4	715.6	751.7	760.8	872.3	1021.0	1095.4	1226.2	1487.9
132.5°	774.2	738.1	702.0	738.1	774.2	783.3	885.6	1022.1	1090.3	1207.5	1441.7
135°	801.1	768.2	735.3	768.2	801.1	809.4	900.1	1021.2	1081.6	1179.7	1375.9
137.5°	834.7	802.1	769.4	802.1	834.7	842.8	921.9	1027.4	1080.1	1163.1	1328.9
140°	857.8	827.8	797.8	827.8	857.8	865.3	935.2	1028.5	1075.1	1146.7	1290.0
142.5°	875.1	847.3	819.6	847.3	875.1	882.0	946.4	1032.2	1075.1	1138.0	1263.8
145°	901.3	877.1	852.9	877.1	901.3	907.4	960.9	1032.2	1067.8	1119.3	1222.2
147.5°	933.5	909.9	886.4	909.9	933.5	939.4	982.2	1039.3	1067.8	1108.3	1189.3
150°	950.7	929.5	908.2	929.5	950.7	956.0	993.3	1042.9	1067.8	1102.0	1170.4
152.5°	962.9	946.8	930.6	946.8	962.9	967.0	1000.6	1045.4	1067.8	1097.0	1155.4
155°	987.9	976.0	964.1	976.0	987.9	990.9	1016.5	1050.7	1067.8	1091.1	1137.5
157.5°	1011.9	1000.3	988.7	1000.3	1011.9	1014.8	1032.5	1056.0	1067.8	1085.8	1122.0
160°	1023.5	1014.4	1005.4	1014.4	1023.5	1025.7	1039.8	1058.5	1067.8	1083.3	1114.3
162.5°	1035.7	1028.8	1022.1	1028.8	1035.7	1037.3	1047.5	1061.1	1067.8	1080.9	1107.0
165°	1052.6	1046.4	1040.2	1046.4	1052.6	1054.1	1058.6	1064.7	1067.8	1077.2	1095.9
167.5°	1062.8	1059.9	1057.0	1059.9	1062.8	1063.5	1067.3	1072.5	1075.1	1081.3	1093.5
170°	1073.6	1070.7	1067.8	1070.7	1073.6	1074.4	1074.6	1074.9	1075.1	1081.3	1093.5
172.5°	1074.9	1074.3	1073.6	1074.3	1074.9	1075.1	1075.1	1075.1	1075.1	1080.0	1089.6
175°	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1079.5	1076.6	1075.1	1078.2	1084.4
177.5°	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1080.0	1077.6	1076.5	1078.9	1083.8
180°	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6



TEST NUMBER: P935541

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-5000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0
2.5°	1430.1	1425.9	1431.5	1416.1	1431.5	1425.9	1430.1	1439.9	1431.5	1437.1	1442.7
5°	1254.8	1247.8	1225.4	1207.2	1225.4	1247.8	1254.8	1284.3	1298.3	1323.5	1357.2
7.5°	1121.6	1116.0	1110.4	1099.2	1110.4	1116.0	1121.6	1130.1	1144.1	1166.5	1191.8
10°	1092.2	1093.6	1102.0	1100.6	1102.0	1093.6	1092.2	1089.4	1085.2	1089.4	1104.8
12.5°	1167.9	1180.5	1226.8	1224.0	1226.8	1180.5	1167.9	1111.8	1074.0	1067.0	1069.8
15°	1254.8	1259.0	1268.9	1270.3	1268.9	1259.0	1254.8	1232.4	1118.8	1069.8	1054.3
17.5°	1263.3	1264.7	1271.7	1271.7	1271.7	1264.7	1263.3	1253.4	1215.6	1149.7	1062.8
20°	1256.2	1259.0	1273.1	1275.9	1273.1	1259.0	1256.2	1243.6	1222.6	1198.8	1132.9
22.5°	1253.4	1259.0	1270.3	1268.9	1270.3	1259.0	1253.4	1233.8	1215.6	1198.8	1172.1
25°	1239.4	1239.4	1240.8	1242.2	1240.8	1239.4	1239.4	1224.0	1187.5	1183.3	1167.9
27.5°	1210.0	1212.8	1221.2	1219.8	1221.2	1212.8	1210.0	1204.4	1165.1	1160.9	1149.7
30°	1183.3	1180.5	1173.5	1167.9	1173.5	1180.5	1183.3	1174.9	1135.7	1124.5	1127.3
32.5°	1138.5	1131.5	1124.5	1120.2	1124.5	1131.5	1138.5	1135.7	1106.2	1090.8	1093.6
35°	1085.2	1086.6	1085.2	1081.0	1085.2	1086.6	1085.2	1088.0	1069.8	1055.8	1054.3
37.5°	1047.3	1050.1	1048.7	1043.1	1048.7	1050.1	1047.3	1044.5	1019.3	1015.1	1017.9
40°	1008.1	1009.5	1008.1	1003.9	1008.1	1009.5	1008.1	1002.5	967.4	968.8	978.6
42.5°	970.2	968.8	964.6	961.8	964.6	968.8	970.2	961.8	916.9	912.7	931.0
45°	926.8	928.2	919.8	915.5	919.8	928.2	926.8	921.2	874.9	863.7	876.3
47.5°	883.3	883.3	876.3	872.1	876.3	883.3	883.3	876.3	827.2	816.0	823.0
50°	837.0	835.6	825.8	824.4	825.8	835.6	837.0	832.8	780.9	771.1	771.1
52.5°	783.8	783.8	785.2	788.0	785.2	783.8	783.8	785.2	738.9	729.1	726.3
55°	737.5	738.9	748.7	751.5	748.7	738.9	737.5	737.5	695.4	685.6	680.0
57.5°	689.8	689.8	696.8	696.8	696.8	689.8	689.8	687.0	646.3	637.9	635.1
60°	635.1	637.9	643.5	642.1	643.5	637.9	635.1	632.3	597.3	591.7	581.9
62.5°	577.6	580.5	581.9	579.1	581.9	580.5	577.6	569.2	548.2	544.0	531.4
65°	517.4	520.2	521.6	518.8	521.6	520.2	517.4	513.2	497.7	490.7	479.5
67.5°	455.7	454.3	452.9	458.5	452.9	454.3	455.7	450.1	440.2	434.6	419.2
70°	392.6	392.6	391.2	394.0	391.2	392.6	392.6	388.4	382.8	378.6	364.5
72.5°	325.3	323.9	329.5	325.3	329.5	323.9	325.3	323.9	321.1	316.9	302.8
75°	259.4	262.2	259.4	263.6	259.4	262.2	259.4	260.8	259.4	256.6	246.8
77.5°	197.7	200.5	197.7	197.7	197.7	200.5	197.7	199.1	199.1	199.1	190.7
80°	140.2	138.8	138.8	137.4	138.8	138.8	140.2	140.2	141.6	138.8	136.0
82.5°	89.7	88.3	88.3	91.1	88.3	88.3	89.7	91.1	88.3	88.3	88.3
85°	49.1	50.5	47.7	47.7	47.7	50.5	49.1	46.3	49.1	49.1	47.7
87.5°	18.2	16.8	16.8	16.8	16.8	16.8	18.2	19.6	19.6	19.6	21.0
90°	27.6	27.6	27.6	27.6	27.6	27.6	27.6	36.7	49.0	55.1	47.4
92.5°	138.0	132.4	110.5	88.5	110.5	132.4	138.0	195.5	272.3	310.7	272.7
95°	468.2	451.6	385.1	318.6	385.1	451.6	468.2	614.8	810.4	908.2	767.0
97.5°	1080.9	1049.3	922.8	796.4	922.8	1049.3	1080.9	1173.6	1297.2	1359.0	1123.6
100°	1517.9	1480.2	1329.6	1178.9	1329.6	1480.2	1517.9	1511.1	1502.1	1497.6	1236.4
102.5°	1891.0	1858.8	1729.7	1600.7	1729.7	1858.8	1891.0	1773.0	1615.5	1536.8	1271.9
105°	2326.6	2309.2	2239.8	2170.5	2239.8	2309.2	2326.6	2061.9	1708.9	1532.5	1276.0
107.5°	2553.1	2557.3	2574.0	2590.8	2574.0	2557.3	2553.1	2183.8	1691.5	1445.3	1219.1
110°	2611.2	2629.2	2701.5	2773.7	2701.5	2629.2	2611.2	2198.3	1647.9	1372.7	1168.8



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2574.1	2601.8	2712.8	2823.8	2712.8	2601.8	2574.1	2151.6	1588.3	1306.6	1124.8
115°	2448.6	2487.1	2640.9	2794.8	2640.9	2487.1	2448.6	2041.6	1498.9	1227.5	1074.4
117.5°	2275.1	2317.7	2488.4	2659.1	2488.4	2317.7	2275.1	1907.7	1417.9	1173.1	1042.9
120°	2158.1	2199.6	2365.5	2531.3	2365.5	2199.6	2158.1	1822.5	1375.0	1151.3	1032.2
122.5°	2041.3	2082.2	2245.7	2409.3	2245.7	2082.2	2041.3	1739.1	1336.2	1134.6	1026.7
125°	1886.7	1924.4	2075.0	2225.7	2075.0	1924.4	1886.7	1629.9	1287.7	1116.5	1022.1
127.5°	1762.6	1794.4	1921.5	2048.6	1921.5	1794.4	1762.6	1542.2	1248.2	1101.3	1019.5
130°	1684.2	1713.5	1831.0	1948.4	1831.0	1713.5	1684.2	1487.9	1226.2	1095.4	1021.0
132.5°	1617.3	1643.6	1748.8	1854.0	1748.8	1643.6	1617.3	1441.7	1207.5	1090.3	1022.1
135°	1523.0	1545.6	1636.3	1727.0	1636.3	1545.6	1523.0	1375.9	1179.7	1081.6	1021.2
137.5°	1453.3	1471.8	1546.0	1620.2	1546.0	1471.8	1453.3	1328.9	1163.1	1080.1	1027.4
140°	1397.4	1414.8	1484.1	1553.5	1484.1	1414.8	1397.4	1290.0	1146.7	1075.1	1028.5
142.5°	1358.2	1373.2	1432.8	1492.5	1432.8	1373.2	1358.2	1263.8	1138.0	1075.1	1032.2
145°	1299.4	1310.7	1355.9	1401.0	1355.9	1310.7	1299.4	1222.2	1119.3	1067.8	1032.2
147.5°	1250.1	1259.4	1296.9	1334.3	1296.9	1259.4	1250.1	1189.3	1108.3	1067.8	1039.3
150°	1221.8	1229.3	1259.7	1290.0	1259.7	1229.3	1221.8	1170.4	1102.0	1067.8	1042.9
152.5°	1199.2	1204.9	1227.8	1250.7	1227.8	1204.9	1199.2	1155.4	1097.0	1067.8	1045.4
155°	1172.4	1176.2	1191.4	1206.5	1191.4	1176.2	1172.4	1137.5	1091.1	1067.8	1050.7
157.5°	1149.1	1151.7	1162.4	1173.1	1162.4	1151.7	1149.1	1122.0	1085.8	1067.8	1056.0
160°	1137.5	1139.0	1145.2	1151.3	1145.2	1139.0	1137.5	1114.3	1083.3	1067.8	1058.5
162.5°	1126.6	1128.1	1133.9	1139.7	1133.9	1128.1	1126.6	1107.0	1080.9	1067.8	1061.1
165°	1110.0	1111.5	1117.6	1123.7	1117.6	1111.5	1110.0	1095.9	1077.2	1067.8	1064.7
167.5°	1102.7	1103.3	1105.9	1108.5	1105.9	1103.3	1102.7	1093.5	1081.3	1075.1	1072.5
170°	1102.7	1102.7	1102.7	1102.7	1102.7	1102.7	1102.7	1093.5	1081.3	1075.1	1074.9
172.5°	1096.9	1096.3	1094.1	1091.8	1094.1	1096.3	1096.9	1089.6	1080.0	1075.1	1075.1
175°	1088.9	1088.9	1088.9	1088.9	1088.9	1088.9	1088.9	1084.4	1078.2	1075.1	1076.6
177.5°	1087.4	1086.8	1084.3	1081.6	1084.3	1086.8	1087.4	1083.8	1078.9	1076.5	1077.6
180°	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6	1081.6



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1482.0	1482.0	1482.0	1482.0	1482.0
2.5°	1463.7	1470.8	1475.0	1480.6	1494.6
5°	1407.7	1434.3	1442.7	1463.7	1489.0
7.5°	1284.3	1365.6	1388.0	1438.5	1477.8
10°	1165.1	1246.4	1285.7	1404.9	1463.7
12.5°	1104.8	1152.5	1179.1	1346.0	1444.1
15°	1067.0	1100.6	1120.2	1267.5	1421.7
17.5°	1037.5	1061.4	1075.4	1190.3	1390.8
20°	1019.3	1030.5	1043.1	1134.3	1355.8
22.5°	1006.7	999.7	1009.5	1095.0	1308.1
25°	998.3	971.6	982.8	1064.2	1252.0
27.5°	1005.3	946.4	950.6	1036.1	1193.2
30°	1006.7	915.5	916.9	1006.7	1127.3
32.5°	996.9	883.3	884.7	970.2	1052.9
35°	973.0	845.4	844.0	928.2	952.0
37.5°	940.8	804.8	804.8	881.9	841.2
40°	901.5	764.1	768.3	821.6	743.1
42.5°	853.9	720.7	726.3	741.7	670.2
45°	802.0	678.6	682.8	626.7	614.1
47.5°	744.5	635.1	636.5	520.2	595.9
50°	675.8	590.3	584.7	445.9	594.5
52.5°	615.5	541.2	524.4	403.8	539.8
55°	556.6	489.3	452.9	371.5	500.5
57.5°	504.7	422.0	387.0	333.7	492.1
60°	457.1	356.1	329.5	293.0	451.5
62.5°	417.8	307.1	301.4	265.0	409.4
65°	375.8	273.4	272.0	241.2	347.7
67.5°	335.1	251.0	249.6	218.7	265.0
70°	291.6	227.1	224.3	194.9	196.3
72.5°	246.8	200.5	197.7	175.3	162.6
75°	201.9	169.6	168.2	152.8	131.8
77.5°	158.4	134.6	137.4	123.4	96.7
80°	113.6	98.1	100.9	88.3	72.9
82.5°	75.7	64.5	67.3	56.1	49.1
85°	42.1	36.5	37.9	29.4	22.4
87.5°	19.6	16.8	16.8	11.2	7.0
90°	31.9	20.3	18.9	13.1	7.3
92.5°	196.9	140.1	127.8	78.4	29.1
95°	484.6	272.9	250.3	160.0	69.7
97.5°	652.8	299.8	279.9	200.1	120.5
100°	714.0	322.3	304.2	232.0	159.7
102.5°	742.2	344.8	328.0	260.5	193.1
105°	762.9	378.2	363.9	306.9	249.8
107.5°	766.8	427.5	414.3	361.0	307.8
110°	760.9	455.1	443.1	395.0	347.0



TEST NUMBER: P935541

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-5000K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	761.2	488.6	477.1	431.3	385.5
115°	768.3	538.7	528.1	485.8	443.5
117.5°	782.5	587.3	577.6	539.3	500.9
120°	794.1	615.6	606.5	570.5	534.3
122.5°	810.9	649.0	639.9	603.4	567.0
125°	833.4	691.8	683.5	650.3	617.0
127.5°	855.9	733.2	724.8	691.2	657.7
130°	872.3	760.8	751.7	715.6	679.4
132.5°	885.6	783.3	774.2	738.1	702.0
135°	900.1	809.4	801.1	768.2	735.3
137.5°	921.9	842.8	834.7	802.1	769.4
140°	935.2	865.3	857.8	827.8	797.8
142.5°	946.4	882.0	875.1	847.3	819.6
145°	960.9	907.4	901.3	877.1	852.9
147.5°	982.2	939.4	933.5	909.9	886.4
150°	993.3	956.0	950.7	929.5	908.2
152.5°	1000.6	967.0	962.9	946.8	930.6
155°	1016.5	990.9	987.9	976.0	964.1
157.5°	1032.5	1014.8	1011.9	1000.3	988.7
160°	1039.8	1025.7	1023.5	1014.4	1005.4
162.5°	1047.5	1037.3	1035.7	1028.8	1022.1
165°	1058.6	1054.1	1052.6	1046.4	1040.2
167.5°	1067.3	1063.5	1062.8	1059.9	1057.0
170°	1074.6	1074.4	1073.6	1070.7	1067.8
172.5°	1075.1	1075.1	1074.9	1074.3	1073.6
175°	1079.5	1081.6	1081.6	1081.6	1081.6
177.5°	1080.0	1081.6	1081.6	1081.6	1081.6
180°	1081.6	1081.6	1081.6	1081.6	1081.6



TEST NUMBER: P935541  
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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	10.98	11.72	12.05	12.80	14.26	13.80	14.55	14.88	15.62	17.09
	3H	11.45	12.11	12.53	13.20	14.68	15.14	15.80	16.22	16.89	18.37
	4H	11.63	12.26	12.73	13.35	14.84	15.57	16.21	16.67	17.29	18.78
	6H	11.75	12.33	12.85	13.41	14.92	15.85	16.43	16.95	17.52	19.02
	8H	11.74	12.30	12.85	13.40	14.89	15.92	16.48	17.03	17.58	19.07
	12H	11.71	12.24	12.82	13.33	14.85	15.96	16.48	17.07	17.58	19.10
4H	2H	12.00	12.63	13.10	13.71	15.20	14.20	14.83	15.30	15.91	17.40
	3H	13.01	13.54	14.12	14.65	16.15	15.69	16.22	16.80	17.33	18.83
	4H	13.28	13.77	14.39	14.87	16.39	16.21	16.70	17.32	17.80	19.32
	6H	13.40	13.82	14.52	14.94	16.45	16.57	16.98	17.69	18.11	19.62
	8H	13.40	13.79	14.52	14.91	16.44	16.67	17.06	17.79	18.18	19.71
	12H	13.37	13.72	14.50	14.84	16.38	16.72	17.07	17.86	18.20	19.74
8H	4H	13.73	14.11	14.84	15.23	16.76	16.33	16.71	17.45	17.83	19.36
	6H	13.98	14.30	15.12	15.46	16.99	16.76	17.08	17.90	18.24	19.76
	8H	14.02	14.30	15.17	15.44	16.99	16.91	17.19	18.05	18.33	19.87
	12H	14.00	14.25	15.15	15.38	16.97	17.00	17.25	18.15	18.38	19.96
12H	4H	13.73	14.08	14.86	15.20	16.74	16.29	16.64	17.42	17.77	19.30
	6H	14.04	14.32	15.19	15.46	17.01	16.75	17.03	17.90	18.17	19.72
	8H	14.10	14.35	15.25	15.48	17.07	16.91	17.15	18.06	18.29	19.87