

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: P935542

Luminaire Tested: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-6500K

Issue Date: 12/17/2024

**Test Information**

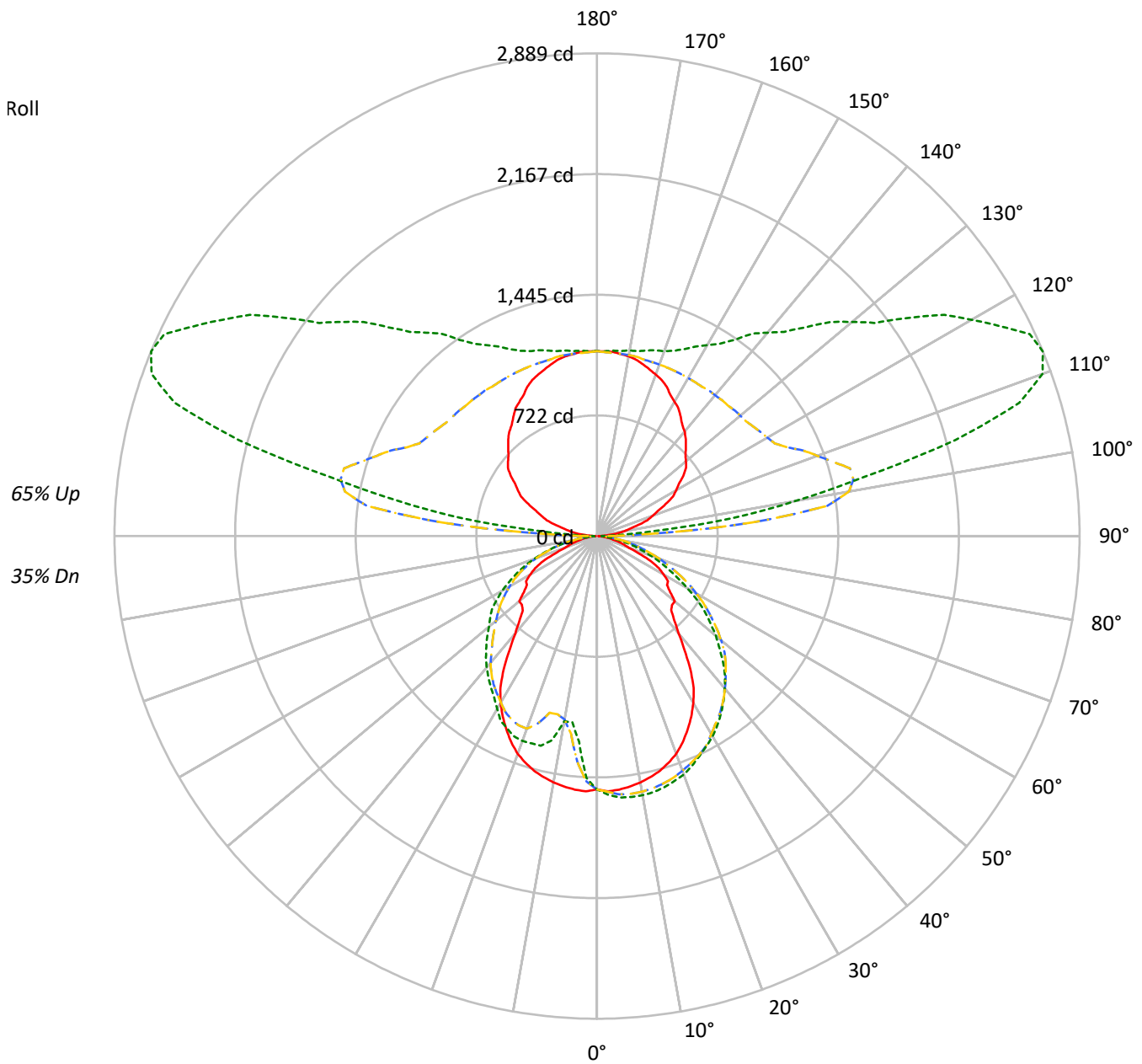
Test Method: LM-79-2019  
Report Number: P935542  
REPORT IS A COMBINATION OF REPORTS P933759 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-6500K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11108.0 lumens  
Efficiency: N/A  
Efficacy: 133.2 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°	9378	9378	9378	9378
5°	9445	9467	9445	7444
10°	9378	9325	9378	6667
15°	9273	9124	9273	7619
20°	9076	8884	9076	7634
25°	8675	8535	8675	7473
30°	8159	8245	8159	7118
35°	7270	7879	7270	6727
40°	6054	7447	6054	6432
45°	5406	6942	5406	6093
50°	5738	6339	5738	5753
55°	5394	5690	5394	5556
60°	5553	4833	5553	5088
65°	5027	3995	5027	4466
70°	3473	3184	3473	3743
75°	3033	2354	3033	2818
80°	2428	1556	2428	1695
85°	1365	824	1365	701

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 8291 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	136.8	1.2
10°-20°	388.6	3.5
20°-30°	600.6	5.4
30°-40°	717.0	6.5
40°-50°	721.2	6.5
50°-60°	627.6	5.6
60°-70°	445.0	4.0
70°-80°	235.4	2.1
80°-90°	62.9	0.6
90°-100°	539.4	4.9
100°-110°	1418.0	12.8
110°-120°	1470.3	13.2
120°-130°	1179.4	10.6
130°-140°	925.4	8.3
140°-150°	710.3	6.4
150°-160°	511.5	4.6
160°-170°	313.0	2.8
170°-180°	105.7	1.0
0°-30°	1126.0	10.1
0°-40°	1843.1	16.6
0°-60°	3191.9	28.7
0°-90°	3935.1	35.4
90°-120°	3427.7	30.9
90°-150°	6242.7	56.2
90°-180°	7173.0	64.6
0°-180°	11108.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1516	1516	1516	1516	1516	
5°	1523	1570	1523	1235	1523	144
15°	1454	1556	1454	1300	1454	409
25°	1281	1452	1281	1271	1281	588
35°	974	1295	974	1106	974	603
45°	628	1067	628	937	628	503
55°	512	787	512	769	512	470
65°	356	475	356	531	356	340
75°	135	225	135	270	135	142
85°	23	57	23	49	23	31
90°	8	28	8	28	8	7
95°	71	326	71	326	71	79
105°	256	2220	256	2220	256	271
115°	454	2859	454	2859	454	448
125°	631	2277	631	2277	631	560
135°	752	1767	752	1767	752	582
145°	872	1433	872	1433	872	547
155°	986	1234	986	1234	986	453
165°	1064	1150	1064	1150	1064	300
175°	1106	1114	1106	1114	1106	105
180°	1106	1106	1106	1106	1106	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0
2.5°	1529.0	1529.0	1537.6	1540.4	1540.4	1536.1	1531.8	1536.1	1549.0	1553.3	1551.9
5°	1523.2	1534.7	1550.5	1553.3	1556.2	1554.8	1551.9	1554.8	1569.1	1572.0	1573.4
7.5°	1511.7	1533.3	1553.3	1557.6	1561.9	1557.6	1556.2	1559.1	1573.4	1576.3	1576.3
10°	1497.4	1527.5	1550.5	1553.3	1557.6	1553.3	1553.3	1559.1	1573.4	1576.3	1577.7
12.5°	1477.3	1518.9	1540.4	1543.3	1549.0	1547.6	1546.2	1551.9	1566.2	1569.1	1569.1
15°	1454.4	1503.1	1523.2	1526.1	1536.1	1533.3	1533.3	1539.0	1554.8	1559.1	1557.6
17.5°	1422.8	1483.1	1506.0	1510.3	1517.5	1516.0	1517.5	1523.2	1537.6	1540.4	1541.9
20°	1387.0	1455.8	1483.1	1487.4	1494.5	1494.5	1494.5	1501.7	1516.0	1521.8	1521.8
22.5°	1338.2	1427.1	1455.8	1458.7	1467.3	1467.3	1470.1	1480.2	1493.1	1494.5	1494.5
25°	1280.8	1395.6	1419.9	1428.6	1437.2	1441.5	1445.8	1451.5	1455.8	1454.4	1455.8
27.5°	1220.6	1355.4	1387.0	1392.7	1404.2	1408.5	1414.2	1415.6	1417.1	1421.4	1418.5
30°	1153.2	1299.5	1346.8	1352.5	1371.2	1374.0	1368.3	1371.2	1378.4	1381.2	1384.1
32.5°	1077.2	1216.3	1305.2	1318.1	1335.3	1326.7	1325.3	1329.6	1341.1	1341.1	1343.9
35°	973.9	1151.7	1266.5	1278.0	1290.9	1280.8	1286.6	1288.0	1295.2	1299.5	1298.0
37.5°	860.6	1095.8	1226.3	1234.9	1245.0	1232.1	1240.7	1245.0	1250.7	1247.8	1247.8
40°	760.2	1008.3	1179.0	1184.7	1193.3	1183.3	1191.9	1194.8	1197.6	1194.8	1193.3
42.5°	685.6	912.2	1128.8	1136.0	1130.2	1137.4	1140.3	1146.0	1141.7	1136.0	1136.0
45°	628.2	886.4	1074.3	1082.9	1074.3	1085.8	1090.1	1090.1	1077.2	1074.3	1072.8
47.5°	609.6	834.8	1019.8	1019.8	1015.5	1029.8	1037.0	1027.0	1014.0	1009.7	1009.7
50°	608.1	777.4	945.2	939.5	959.5	976.8	969.6	959.5	949.5	933.7	933.7
52.5°	552.2	707.1	849.1	870.6	902.2	912.2	900.7	890.7	873.5	866.3	860.6
55°	512.0	634.0	761.6	804.6	837.6	850.5	829.0	819.0	793.2	788.9	786.0
57.5°	503.4	527.8	681.3	735.8	776.0	774.5	761.6	743.0	721.4	717.1	715.7
60°	461.8	381.5	595.2	659.8	701.4	697.1	685.6	668.4	648.3	645.4	642.6
62.5°	418.8	276.8	497.7	570.8	629.7	628.2	618.2	592.4	578.0	570.8	565.1
65°	355.7	232.4	354.3	474.7	559.4	562.2	540.7	522.1	506.3	497.7	496.3
67.5°	271.1	189.3	239.5	395.9	492.0	489.1	461.8	453.2	433.2	428.9	420.2
70°	200.8	126.2	166.4	321.3	426.0	418.8	397.3	387.3	368.6	358.6	352.8
72.5°	166.4	101.8	121.9	249.6	358.6	350.0	331.3	319.8	304.1	295.5	289.7
75°	134.8	107.6	93.2	185.0	291.2	285.4	268.2	256.7	243.8	232.4	233.8
77.5°	99.0	100.4	74.6	136.3	230.9	222.3	212.3	197.9	192.2	180.7	180.7
80°	74.6	78.9	55.9	93.2	166.4	166.4	157.8	147.7	137.7	132.0	132.0
82.5°	50.2	50.2	41.6	58.8	113.3	109.0	103.3	100.4	94.7	91.8	91.8
85°	22.9	28.7	25.8	35.9	61.7	64.5	64.5	61.7	60.2	57.4	58.8
87.5°	7.2	12.9	15.8	20.1	31.6	33.0	34.4	34.4	34.4	35.9	35.9
90°	7.5	13.4	19.3	20.7	32.6	48.5	56.4	50.1	37.6	28.2	28.2
92.5°	29.7	80.2	130.7	143.3	201.5	279.0	317.8	278.5	200.0	141.1	135.5
95°	71.3	163.7	256.1	279.2	495.8	784.7	929.0	829.0	629.0	479.0	461.9
97.5°	123.3	204.7	286.3	306.7	667.8	1149.4	1390.2	1327.0	1200.6	1105.7	1073.4
100°	163.4	237.3	311.2	329.7	730.4	1264.9	1532.0	1536.6	1545.9	1552.8	1514.2
102.5°	197.5	266.5	335.5	352.7	759.2	1301.1	1572.1	1652.6	1813.7	1934.5	1901.5
105°	255.5	313.9	372.2	386.9	780.4	1305.3	1567.7	1748.2	2109.3	2380.1	2362.3
107.5°	314.9	369.3	423.8	437.4	784.5	1247.2	1478.6	1730.4	2234.0	2611.7	2616.0
110°	354.9	404.1	453.2	465.6	778.4	1195.6	1404.3	1685.8	2248.9	2671.2	2689.7



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	394.3	441.2	488.0	499.8	778.7	1150.7	1336.7	1624.8	2201.1	2633.3	2661.7
115°	453.7	496.9	540.2	551.1	786.0	1099.1	1255.8	1533.4	2088.5	2504.8	2544.2
117.5°	512.4	551.7	590.9	600.8	800.5	1066.8	1200.0	1450.5	1951.6	2327.4	2371.0
120°	546.6	583.6	620.5	629.7	812.4	1055.9	1177.7	1406.7	1864.4	2207.8	2250.2
122.5°	580.0	617.3	654.6	663.9	829.5	1050.3	1160.7	1366.9	1779.1	2088.2	2130.0
125°	631.2	665.2	699.2	707.7	852.5	1045.6	1142.2	1317.3	1667.4	1930.1	1968.6
127.5°	672.8	707.1	741.4	750.0	875.6	1042.9	1126.6	1276.9	1577.6	1803.1	1835.6
130°	695.1	732.1	769.0	778.2	892.3	1044.4	1120.6	1254.4	1522.1	1722.9	1752.9
132.5°	718.1	755.1	792.0	801.3	906.0	1045.6	1115.4	1235.2	1474.8	1654.5	1681.4
135°	752.2	785.9	819.6	828.0	920.8	1044.6	1106.5	1206.8	1407.5	1558.0	1581.2
137.5°	787.1	820.5	853.9	862.2	943.1	1051.0	1105.0	1189.8	1359.4	1486.7	1505.6
140°	816.1	846.8	877.5	885.1	956.7	1052.1	1099.8	1173.1	1319.6	1429.5	1447.3
142.5°	838.4	866.8	895.2	902.3	968.1	1055.9	1099.8	1164.2	1292.9	1389.4	1404.7
145°	872.5	897.3	922.1	928.3	983.0	1055.9	1092.4	1145.0	1250.3	1329.3	1340.9
147.5°	906.8	930.9	954.9	961.0	1004.8	1063.2	1092.4	1133.8	1216.7	1278.8	1288.4
150°	929.0	950.8	972.5	978.0	1016.1	1066.9	1092.4	1127.4	1197.3	1249.8	1257.6
152.5°	952.0	968.5	985.1	989.2	1023.6	1069.4	1092.4	1122.2	1182.0	1226.8	1232.6
155°	986.2	998.5	1010.6	1013.7	1039.9	1074.9	1092.4	1116.2	1163.7	1199.4	1203.3
157.5°	1011.5	1023.3	1035.2	1038.1	1056.2	1080.3	1092.4	1110.8	1147.8	1175.5	1178.2
160°	1028.5	1037.8	1047.0	1049.3	1063.7	1082.8	1092.4	1108.2	1139.9	1163.7	1165.2
162.5°	1045.6	1052.5	1059.5	1061.2	1071.6	1085.5	1092.4	1105.7	1132.4	1152.5	1154.0
165°	1064.1	1070.5	1076.8	1078.3	1083.0	1089.2	1092.4	1101.9	1121.1	1135.5	1137.0
167.5°	1081.3	1084.2	1087.2	1088.0	1091.9	1097.1	1099.8	1106.1	1118.7	1128.0	1128.7
170°	1092.4	1095.3	1098.3	1099.0	1099.3	1099.6	1099.8	1106.1	1118.7	1128.0	1128.0
172.5°	1098.3	1099.0	1099.6	1099.8	1099.8	1099.8	1099.8	1104.8	1114.6	1122.1	1121.5
175°	1106.5	1106.5	1106.5	1106.5	1104.3	1101.3	1099.8	1103.0	1109.3	1114.0	1114.0
177.5°	1106.5	1106.5	1106.5	1106.5	1104.8	1102.4	1101.2	1103.7	1108.7	1112.4	1111.8
180°	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0
2.5°	1554.8	1550.5	1554.8	1551.9	1553.3	1549.0	1536.1	1531.8	1536.1	1540.4	1540.4
5°	1573.4	1570.5	1573.4	1573.4	1572.0	1569.1	1554.8	1551.9	1554.8	1556.2	1553.3
7.5°	1579.2	1574.8	1579.2	1576.3	1576.3	1573.4	1559.1	1556.2	1557.6	1561.9	1557.6
10°	1579.2	1574.8	1579.2	1577.7	1576.3	1573.4	1559.1	1553.3	1553.3	1557.6	1553.3
12.5°	1572.0	1569.1	1572.0	1569.1	1569.1	1566.2	1551.9	1546.2	1547.6	1549.0	1543.3
15°	1560.5	1556.2	1560.5	1557.6	1559.1	1554.8	1539.0	1533.3	1533.3	1536.1	1526.1
17.5°	1543.3	1537.6	1543.3	1541.9	1540.4	1537.6	1523.2	1517.5	1516.0	1517.5	1510.3
20°	1523.2	1518.9	1523.2	1521.8	1521.8	1516.0	1501.7	1494.5	1494.5	1494.5	1487.4
22.5°	1491.7	1487.4	1491.7	1494.5	1494.5	1493.1	1480.2	1470.1	1467.3	1467.3	1458.7
25°	1455.8	1451.5	1455.8	1455.8	1454.4	1455.8	1451.5	1445.8	1441.5	1437.2	1428.6
27.5°	1421.4	1418.5	1421.4	1418.5	1421.4	1417.1	1415.6	1414.2	1408.5	1404.2	1392.7
30°	1387.0	1384.1	1387.0	1384.1	1381.2	1378.4	1371.2	1368.3	1374.0	1371.2	1352.5
32.5°	1343.9	1341.1	1343.9	1343.9	1341.1	1341.1	1329.6	1325.3	1326.7	1335.3	1318.1
35°	1299.5	1295.2	1299.5	1298.0	1299.5	1295.2	1288.0	1286.6	1280.8	1290.9	1278.0
37.5°	1247.8	1243.5	1247.8	1247.8	1247.8	1250.7	1245.0	1240.7	1232.1	1245.0	1234.9
40°	1194.8	1189.0	1194.8	1193.3	1194.8	1197.6	1194.8	1191.9	1183.3	1193.3	1184.7
42.5°	1134.5	1133.1	1134.5	1136.0	1136.0	1141.7	1146.0	1140.3	1137.4	1130.2	1136.0
45°	1070.0	1067.1	1070.0	1072.8	1074.3	1077.2	1090.1	1090.1	1085.8	1074.3	1082.9
47.5°	1001.1	994.0	1001.1	1009.7	1009.7	1014.0	1027.0	1037.0	1029.8	1015.5	1019.8
50°	928.0	929.4	928.0	933.7	933.7	949.5	959.5	969.6	976.8	959.5	939.5
52.5°	856.3	854.8	856.3	860.6	866.3	873.5	890.7	900.7	912.2	902.2	870.6
55°	784.6	787.4	784.6	786.0	788.9	793.2	819.0	829.0	850.5	837.6	804.6
57.5°	712.8	708.5	712.8	715.7	717.1	721.4	743.0	761.6	774.5	776.0	735.8
60°	629.7	623.9	629.7	642.6	645.4	648.3	668.4	685.6	697.1	701.4	659.8
62.5°	556.5	546.5	556.5	565.1	570.8	578.0	592.4	618.2	628.2	629.7	570.8
65°	479.1	474.7	479.1	496.3	497.7	506.3	522.1	540.7	562.2	559.4	474.7
67.5°	408.8	408.8	408.8	420.2	428.9	433.2	453.2	461.8	489.1	492.0	395.9
70°	344.2	342.8	344.2	352.8	358.6	368.6	387.3	397.3	418.8	426.0	321.3
72.5°	282.6	281.1	282.6	289.7	295.5	304.1	319.8	331.3	350.0	358.6	249.6
75°	228.1	225.2	228.1	233.8	232.4	243.8	256.7	268.2	285.4	291.2	185.0
77.5°	175.0	175.0	175.0	180.7	180.7	192.2	197.9	212.3	222.3	230.9	136.3
80°	130.5	129.1	130.5	132.0	132.0	137.7	147.7	157.8	166.4	166.4	93.2
82.5°	91.8	88.9	91.8	91.8	91.8	94.7	100.4	103.3	109.0	113.3	58.8
85°	57.4	57.4	57.4	58.8	57.4	60.2	61.7	64.5	64.5	61.7	35.9
87.5°	37.3	35.9	37.3	35.9	35.9	34.4	34.4	34.4	33.0	31.6	20.1
90°	28.2	28.2	28.2	28.2	28.2	37.6	50.1	56.4	48.5	32.6	20.7
92.5°	113.0	90.6	113.0	135.5	141.1	200.0	278.5	317.8	279.0	201.5	143.3
95°	394.0	326.0	394.0	461.9	479.0	629.0	829.0	929.0	784.7	495.8	279.2
97.5°	944.0	814.7	944.0	1073.4	1105.7	1200.6	1327.0	1390.2	1149.4	667.8	306.7
100°	1360.2	1206.0	1360.2	1514.2	1552.8	1545.9	1536.6	1532.0	1264.9	730.4	329.7
102.5°	1769.4	1637.5	1769.4	1901.5	1934.5	1813.7	1652.6	1572.1	1301.1	759.2	352.7
105°	2291.3	2220.4	2291.3	2362.3	2380.1	2109.3	1748.2	1567.7	1305.3	780.4	386.9
107.5°	2633.2	2650.4	2633.2	2616.0	2611.7	2234.0	1730.4	1478.6	1247.2	784.5	437.4
110°	2763.6	2837.5	2763.6	2689.7	2671.2	2248.9	1685.8	1404.3	1195.6	778.4	465.6





TEST NUMBER: P935542

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-6500K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2775.2	2888.8	2775.2	2661.7	2633.3	2201.1	1624.8	1336.7	1150.7	778.7	499.8
115°	2701.6	2859.0	2701.6	2544.2	2504.8	2088.5	1533.4	1255.8	1099.1	786.0	551.1
117.5°	2545.6	2720.2	2545.6	2371.0	2327.4	1951.6	1450.5	1200.0	1066.8	800.5	600.8
120°	2419.8	2589.5	2419.8	2250.2	2207.8	1864.4	1406.7	1177.7	1055.9	812.4	629.7
122.5°	2297.3	2464.7	2297.3	2130.0	2088.2	1779.1	1366.9	1160.7	1050.3	829.5	663.9
125°	2122.7	2276.9	2122.7	1968.6	1930.1	1667.4	1317.3	1142.2	1045.6	852.5	707.7
127.5°	1965.6	2095.7	1965.6	1835.6	1803.1	1577.6	1276.9	1126.6	1042.9	875.6	750.0
130°	1873.1	1993.2	1873.1	1752.9	1722.9	1522.1	1254.4	1120.6	1044.4	892.3	778.2
132.5°	1789.0	1896.6	1789.0	1681.4	1654.5	1474.8	1235.2	1115.4	1045.6	906.0	801.3
135°	1673.9	1766.7	1673.9	1581.2	1558.0	1407.5	1206.8	1106.5	1044.6	920.8	828.0
137.5°	1581.5	1657.5	1581.5	1505.6	1486.7	1359.4	1189.8	1105.0	1051.0	943.1	862.2
140°	1518.2	1589.2	1518.2	1447.3	1429.5	1319.6	1173.1	1099.8	1052.1	956.7	885.1
142.5°	1465.7	1526.8	1465.7	1404.7	1389.4	1292.9	1164.2	1099.8	1055.9	968.1	902.3
145°	1387.1	1433.2	1387.1	1340.9	1329.3	1250.3	1145.0	1092.4	1055.9	983.0	928.3
147.5°	1326.7	1365.0	1326.7	1288.4	1278.8	1216.7	1133.8	1092.4	1063.2	1004.8	961.0
150°	1288.7	1319.6	1288.7	1257.6	1249.8	1197.3	1127.4	1092.4	1066.9	1016.1	978.0
152.5°	1256.1	1279.5	1256.1	1232.6	1226.8	1182.0	1122.2	1092.4	1069.4	1023.6	989.2
155°	1218.8	1234.3	1218.8	1203.3	1199.4	1163.7	1116.2	1092.4	1074.9	1039.9	1013.7
157.5°	1189.1	1200.0	1189.1	1178.2	1175.5	1147.8	1110.8	1092.4	1080.3	1056.2	1038.1
160°	1171.5	1177.7	1171.5	1165.2	1163.7	1139.9	1108.2	1092.4	1082.8	1063.7	1049.3
162.5°	1160.0	1165.9	1160.0	1154.0	1152.5	1132.4	1105.7	1092.4	1085.5	1071.6	1061.2
165°	1143.3	1149.5	1143.3	1137.0	1135.5	1121.1	1101.9	1092.4	1089.2	1083.0	1078.3
167.5°	1131.3	1133.9	1131.3	1128.7	1128.0	1118.7	1106.1	1099.8	1097.1	1091.9	1088.0
170°	1128.0	1128.0	1128.0	1128.0	1128.0	1118.7	1106.1	1099.8	1099.6	1099.3	1099.0
172.5°	1119.2	1116.9	1119.2	1121.5	1122.1	1114.6	1104.8	1099.8	1099.8	1099.8	1099.8
175°	1114.0	1114.0	1114.0	1114.0	1114.0	1109.3	1103.0	1099.8	1101.3	1104.3	1106.5
177.5°	1109.2	1106.5	1109.2	1111.8	1112.4	1108.7	1103.7	1101.2	1102.4	1104.8	1106.5
180°	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5



TEST NUMBER: P935542

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-6500K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0
2.5°	1537.6	1529.0	1529.0	1514.6	1508.9	1504.6	1497.4	1475.9	1470.1	1464.4	1473.0
5°	1550.5	1534.7	1523.2	1497.4	1475.9	1467.3	1440.0	1388.4	1354.0	1328.2	1313.8
7.5°	1553.3	1533.3	1511.7	1471.6	1419.9	1397.0	1313.8	1219.1	1193.3	1170.4	1156.0
10°	1550.5	1527.5	1497.4	1437.2	1315.2	1275.1	1191.9	1130.2	1114.4	1110.1	1114.4
12.5°	1540.4	1518.9	1477.3	1376.9	1206.2	1179.0	1130.2	1094.4	1091.5	1098.7	1137.4
15°	1523.2	1503.1	1454.4	1296.6	1146.0	1125.9	1091.5	1078.6	1094.4	1144.6	1260.7
17.5°	1506.0	1483.1	1422.8	1217.7	1100.1	1085.8	1061.4	1087.2	1176.1	1243.5	1282.3
20°	1483.1	1455.8	1387.0	1160.3	1067.1	1054.2	1042.7	1158.9	1226.3	1250.7	1272.2
22.5°	1455.8	1427.1	1338.2	1120.2	1032.7	1022.6	1029.8	1199.1	1226.3	1243.5	1262.2
25°	1419.9	1395.6	1280.8	1088.6	1005.4	994.0	1021.2	1194.8	1210.5	1214.8	1252.1
27.5°	1387.0	1355.4	1220.6	1059.9	972.4	968.1	1028.4	1176.1	1187.6	1191.9	1232.1
30°	1346.8	1299.5	1153.2	1029.8	938.0	936.6	1029.8	1153.2	1150.3	1161.8	1201.9
32.5°	1305.2	1216.3	1077.2	992.5	905.0	903.6	1019.8	1118.7	1115.9	1131.7	1161.8
35°	1266.5	1151.7	973.9	949.5	863.4	864.9	995.4	1078.6	1080.0	1094.4	1113.0
37.5°	1226.3	1095.8	860.6	902.2	823.3	823.3	962.4	1041.3	1038.4	1042.7	1068.5
40°	1179.0	1008.3	760.2	840.5	786.0	781.7	922.2	1001.1	991.1	989.7	1025.5
42.5°	1128.8	912.2	685.6	758.7	743.0	737.2	873.5	952.4	933.7	938.0	983.9
45°	1074.3	886.4	628.2	641.1	698.5	694.2	820.4	896.4	883.5	895.0	942.3
47.5°	1019.8	834.8	609.6	532.1	651.2	649.7	761.6	841.9	834.8	846.2	896.4
50°	945.2	777.4	608.1	456.1	598.1	603.8	691.3	788.9	788.9	798.9	852.0
52.5°	849.1	707.1	552.2	413.1	536.4	553.6	629.7	743.0	745.8	755.9	803.2
55°	761.6	634.0	512.0	380.1	463.3	500.6	569.4	695.6	701.4	711.4	754.4
57.5°	681.3	527.8	503.4	341.4	395.9	431.7	516.3	649.7	652.6	661.2	702.8
60°	595.2	381.5	461.8	299.8	337.1	364.3	467.6	595.2	605.3	611.0	646.9
62.5°	497.7	276.8	418.8	271.1	308.4	314.1	427.4	543.6	556.5	560.8	582.3
65°	354.3	232.4	355.7	246.7	278.3	279.7	384.4	490.5	502.0	509.2	524.9
67.5°	239.5	189.3	271.1	223.7	255.3	256.7	342.8	428.9	444.6	450.4	460.4
70°	166.4	126.2	200.8	199.4	229.5	232.4	298.3	372.9	387.3	391.6	397.3
72.5°	121.9	101.8	166.4	179.3	202.2	205.1	252.4	309.8	324.1	328.5	331.3
75°	93.2	107.6	134.8	156.3	172.1	173.5	206.5	252.4	262.5	265.3	266.8
77.5°	74.6	100.4	99.0	126.2	140.6	137.7	162.1	195.1	203.7	203.7	203.7
80°	55.9	78.9	74.6	90.4	103.3	100.4	116.2	139.1	142.0	144.9	143.4
82.5°	41.6	50.2	50.2	57.4	68.8	66.0	77.5	90.4	90.4	90.4	93.2
85°	25.8	28.7	22.9	30.1	38.7	37.3	43.0	48.8	50.2	50.2	47.3
87.5°	15.8	12.9	7.2	11.5	17.2	17.2	20.1	21.5	20.1	20.1	20.1
90°	19.3	13.4	7.5	13.4	19.3	20.7	32.6	48.5	56.4	50.1	37.6
92.5°	130.7	80.2	29.7	80.2	130.7	143.3	201.5	279.0	317.8	278.5	200.0
95°	256.1	163.7	71.3	163.7	256.1	279.2	495.8	784.7	929.0	829.0	629.0
97.5°	286.3	204.7	123.3	204.7	286.3	306.7	667.8	1149.4	1390.2	1327.0	1200.6
100°	311.2	237.3	163.4	237.3	311.2	329.7	730.4	1264.9	1532.0	1536.6	1545.9
102.5°	335.5	266.5	197.5	266.5	335.5	352.7	759.2	1301.1	1572.1	1652.6	1813.7
105°	372.2	313.9	255.5	313.9	372.2	386.9	780.4	1305.3	1567.7	1748.2	2109.3
107.5°	423.8	369.3	314.9	369.3	423.8	437.4	784.5	1247.2	1478.6	1730.4	2234.0
110°	453.2	404.1	354.9	404.1	453.2	465.6	778.4	1195.6	1404.3	1685.8	2248.9



TEST NUMBER: P935542

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-6500K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	488.0	441.2	394.3	441.2	488.0	499.8	778.7	1150.7	1336.7	1624.8	2201.1
115°	540.2	496.9	453.7	496.9	540.2	551.1	786.0	1099.1	1255.8	1533.4	2088.5
117.5°	590.9	551.7	512.4	551.7	590.9	600.8	800.5	1066.8	1200.0	1450.5	1951.6
120°	620.5	583.6	546.6	583.6	620.5	629.7	812.4	1055.9	1177.7	1406.7	1864.4
122.5°	654.6	617.3	580.0	617.3	654.6	663.9	829.5	1050.3	1160.7	1366.9	1779.1
125°	699.2	665.2	631.2	665.2	699.2	707.7	852.5	1045.6	1142.2	1317.3	1667.4
127.5°	741.4	707.1	672.8	707.1	741.4	750.0	875.6	1042.9	1126.6	1276.9	1577.6
130°	769.0	732.1	695.1	732.1	769.0	778.2	892.3	1044.4	1120.6	1254.4	1522.1
132.5°	792.0	755.1	718.1	755.1	792.0	801.3	906.0	1045.6	1115.4	1235.2	1474.8
135°	819.6	785.9	752.2	785.9	819.6	828.0	920.8	1044.6	1106.5	1206.8	1407.5
137.5°	853.9	820.5	787.1	820.5	853.9	862.2	943.1	1051.0	1105.0	1189.8	1359.4
140°	877.5	846.8	816.1	846.8	877.5	885.1	956.7	1052.1	1099.8	1173.1	1319.6
142.5°	895.2	866.8	838.4	866.8	895.2	902.3	968.1	1055.9	1099.8	1164.2	1292.9
145°	922.1	897.3	872.5	897.3	922.1	928.3	983.0	1055.9	1092.4	1145.0	1250.3
147.5°	954.9	930.9	906.8	930.9	954.9	961.0	1004.8	1063.2	1092.4	1133.8	1216.7
150°	972.5	950.8	929.0	950.8	972.5	978.0	1016.1	1066.9	1092.4	1127.4	1197.3
152.5°	985.1	968.5	952.0	968.5	985.1	989.2	1023.6	1069.4	1092.4	1122.2	1182.0
155°	1010.6	998.5	986.2	998.5	1010.6	1013.7	1039.9	1074.9	1092.4	1116.2	1163.7
157.5°	1035.2	1023.3	1011.5	1023.3	1035.2	1038.1	1056.2	1080.3	1092.4	1110.8	1147.8
160°	1047.0	1037.8	1028.5	1037.8	1047.0	1049.3	1063.7	1082.8	1092.4	1108.2	1139.9
162.5°	1059.5	1052.5	1045.6	1052.5	1059.5	1061.2	1071.6	1085.5	1092.4	1105.7	1132.4
165°	1076.8	1070.5	1064.1	1070.5	1076.8	1078.3	1083.0	1089.2	1092.4	1101.9	1121.1
167.5°	1087.2	1084.2	1081.3	1084.2	1087.2	1088.0	1091.9	1097.1	1099.8	1106.1	1118.7
170°	1098.3	1095.3	1092.4	1095.3	1098.3	1099.0	1099.3	1099.6	1099.8	1106.1	1118.7
172.5°	1099.6	1099.0	1098.3	1099.0	1099.6	1099.8	1099.8	1099.8	1099.8	1104.8	1114.6
175°	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1104.3	1101.3	1099.8	1103.0	1109.3
177.5°	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1104.8	1102.4	1101.2	1103.7	1108.7
180°	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5



TEST NUMBER: P935542

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-6500K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0
2.5°	1463.0	1458.7	1464.4	1448.6	1464.4	1458.7	1463.0	1473.0	1464.4	1470.1	1475.9
5°	1283.7	1276.5	1253.6	1234.9	1253.6	1276.5	1283.7	1313.8	1328.2	1354.0	1388.4
7.5°	1147.4	1141.7	1136.0	1124.5	1136.0	1141.7	1147.4	1156.0	1170.4	1193.3	1219.1
10°	1117.3	1118.7	1127.4	1125.9	1127.4	1118.7	1117.3	1114.4	1110.1	1114.4	1130.2
12.5°	1194.8	1207.7	1255.0	1252.1	1255.0	1207.7	1194.8	1137.4	1098.7	1091.5	1094.4
15°	1283.7	1288.0	1298.0	1299.5	1298.0	1288.0	1283.7	1260.7	1144.6	1094.4	1078.6
17.5°	1292.3	1293.7	1300.9	1300.9	1300.9	1293.7	1292.3	1282.3	1243.5	1176.1	1087.2
20°	1285.1	1288.0	1302.3	1305.2	1302.3	1288.0	1285.1	1272.2	1250.7	1226.3	1158.9
22.5°	1282.3	1288.0	1299.5	1298.0	1299.5	1288.0	1282.3	1262.2	1243.5	1226.3	1199.1
25°	1267.9	1267.9	1269.3	1270.8	1269.3	1267.9	1267.9	1252.1	1214.8	1210.5	1194.8
27.5°	1237.8	1240.7	1249.3	1247.8	1249.3	1240.7	1237.8	1232.1	1191.9	1187.6	1176.1
30°	1210.5	1207.7	1200.5	1194.8	1200.5	1207.7	1210.5	1201.9	1161.8	1150.3	1153.2
32.5°	1164.6	1157.5	1150.3	1146.0	1150.3	1157.5	1164.6	1161.8	1131.7	1115.9	1118.7
35°	1110.1	1111.6	1110.1	1105.8	1110.1	1111.6	1110.1	1113.0	1094.4	1080.0	1078.6
37.5°	1071.4	1074.3	1072.8	1067.1	1072.8	1074.3	1071.4	1068.5	1042.7	1038.4	1041.3
40°	1031.3	1032.7	1031.3	1027.0	1031.3	1032.7	1031.3	1025.5	989.7	991.1	1001.1
42.5°	992.5	991.1	986.8	983.9	986.8	991.1	992.5	983.9	938.0	933.7	952.4
45°	948.1	949.5	940.9	936.6	940.9	949.5	948.1	942.3	895.0	883.5	896.4
47.5°	903.6	903.6	896.4	892.1	896.4	903.6	903.6	896.4	846.2	834.8	841.9
50°	856.3	854.8	844.8	843.4	844.8	854.8	856.3	852.0	798.9	788.9	788.9
52.5°	801.8	801.8	803.2	806.1	803.2	801.8	801.8	803.2	755.9	745.8	743.0
55°	754.4	755.9	765.9	768.8	765.9	755.9	754.4	754.4	711.4	701.4	695.6
57.5°	705.7	705.7	712.8	712.8	712.8	705.7	705.7	702.8	661.2	652.6	649.7
60°	649.7	652.6	658.3	656.9	658.3	652.6	649.7	646.9	611.0	605.3	595.2
62.5°	590.9	593.8	595.2	592.4	595.2	593.8	590.9	582.3	560.8	556.5	543.6
65°	529.3	532.1	533.6	530.7	533.6	532.1	529.3	524.9	509.2	502.0	490.5
67.5°	466.1	464.7	463.3	469.0	463.3	464.7	466.1	460.4	450.4	444.6	428.9
70°	401.6	401.6	400.2	403.0	400.2	401.6	401.6	397.3	391.6	387.3	372.9
72.5°	332.8	331.3	337.1	332.8	337.1	331.3	332.8	331.3	328.5	324.1	309.8
75°	265.3	268.2	265.3	269.6	265.3	268.2	265.3	266.8	265.3	262.5	252.4
77.5°	202.2	205.1	202.2	202.2	202.2	205.1	202.2	203.7	203.7	203.7	195.1
80°	143.4	142.0	142.0	140.6	142.0	142.0	143.4	143.4	144.9	142.0	139.1
82.5°	91.8	90.4	90.4	93.2	90.4	90.4	91.8	93.2	90.4	90.4	90.4
85°	50.2	51.6	48.8	48.8	48.8	51.6	50.2	47.3	50.2	50.2	48.8
87.5°	18.6	17.2	17.2	17.2	17.2	17.2	18.6	20.1	20.1	20.1	21.5
90°	28.2	28.2	28.2	28.2	28.2	28.2	28.2	37.6	50.1	56.4	48.5
92.5°	141.1	135.5	113.0	90.6	113.0	135.5	141.1	200.0	278.5	317.8	279.0
95°	479.0	461.9	394.0	326.0	394.0	461.9	479.0	629.0	829.0	929.0	784.7
97.5°	1105.7	1073.4	944.0	814.7	944.0	1073.4	1105.7	1200.6	1327.0	1390.2	1149.4
100°	1552.8	1514.2	1360.2	1206.0	1360.2	1514.2	1552.8	1545.9	1536.6	1532.0	1264.9
102.5°	1934.5	1901.5	1769.4	1637.5	1769.4	1901.5	1934.5	1813.7	1652.6	1572.1	1301.1
105°	2380.1	2362.3	2291.3	2220.4	2291.3	2362.3	2380.1	2109.3	1748.2	1567.7	1305.3
107.5°	2611.7	2616.0	2633.2	2650.4	2633.2	2616.0	2611.7	2234.0	1730.4	1478.6	1247.2
110°	2671.2	2689.7	2763.6	2837.5	2763.6	2689.7	2671.2	2248.9	1685.8	1404.3	1195.6



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2633.3	2661.7	2775.2	2888.8	2775.2	2661.7	2633.3	2201.1	1624.8	1336.7	1150.7
115°	2504.8	2544.2	2701.6	2859.0	2701.6	2544.2	2504.8	2088.5	1533.4	1255.8	1099.1
117.5°	2327.4	2371.0	2545.6	2720.2	2545.6	2371.0	2327.4	1951.6	1450.5	1200.0	1066.8
120°	2207.8	2250.2	2419.8	2589.5	2419.8	2250.2	2207.8	1864.4	1406.7	1177.7	1055.9
122.5°	2088.2	2130.0	2297.3	2464.7	2297.3	2130.0	2088.2	1779.1	1366.9	1160.7	1050.3
125°	1930.1	1968.6	2122.7	2276.9	2122.7	1968.6	1930.1	1667.4	1317.3	1142.2	1045.6
127.5°	1803.1	1835.6	1965.6	2095.7	1965.6	1835.6	1803.1	1577.6	1276.9	1126.6	1042.9
130°	1722.9	1752.9	1873.1	1993.2	1873.1	1752.9	1722.9	1522.1	1254.4	1120.6	1044.4
132.5°	1654.5	1681.4	1789.0	1896.6	1789.0	1681.4	1654.5	1474.8	1235.2	1115.4	1045.6
135°	1558.0	1581.2	1673.9	1766.7	1673.9	1581.2	1558.0	1407.5	1206.8	1106.5	1044.6
137.5°	1486.7	1505.6	1581.5	1657.5	1581.5	1505.6	1486.7	1359.4	1189.8	1105.0	1051.0
140°	1429.5	1447.3	1518.2	1589.2	1518.2	1447.3	1429.5	1319.6	1173.1	1099.8	1052.1
142.5°	1389.4	1404.7	1465.7	1526.8	1465.7	1404.7	1389.4	1292.9	1164.2	1099.8	1055.9
145°	1329.3	1340.9	1387.1	1433.2	1387.1	1340.9	1329.3	1250.3	1145.0	1092.4	1055.9
147.5°	1278.8	1288.4	1326.7	1365.0	1326.7	1288.4	1278.8	1216.7	1133.8	1092.4	1063.2
150°	1249.8	1257.6	1288.7	1319.6	1288.7	1257.6	1249.8	1197.3	1127.4	1092.4	1066.9
152.5°	1226.8	1232.6	1256.1	1279.5	1256.1	1232.6	1226.8	1182.0	1122.2	1092.4	1069.4
155°	1199.4	1203.3	1218.8	1234.3	1218.8	1203.3	1199.4	1163.7	1116.2	1092.4	1074.9
157.5°	1175.5	1178.2	1189.1	1200.0	1189.1	1178.2	1175.5	1147.8	1110.8	1092.4	1080.3
160°	1163.7	1165.2	1171.5	1177.7	1171.5	1165.2	1163.7	1139.9	1108.2	1092.4	1082.8
162.5°	1152.5	1154.0	1160.0	1165.9	1160.0	1154.0	1152.5	1132.4	1105.7	1092.4	1085.5
165°	1135.5	1137.0	1143.3	1149.5	1143.3	1137.0	1135.5	1121.1	1101.9	1092.4	1089.2
167.5°	1128.0	1128.7	1131.3	1133.9	1131.3	1128.7	1128.0	1118.7	1106.1	1099.8	1097.1
170°	1128.0	1128.0	1128.0	1128.0	1128.0	1128.0	1128.0	1118.7	1106.1	1099.8	1099.6
172.5°	1122.1	1121.5	1119.2	1116.9	1119.2	1121.5	1122.1	1114.6	1104.8	1099.8	1099.8
175°	1114.0	1114.0	1114.0	1114.0	1114.0	1114.0	1114.0	1109.3	1103.0	1099.8	1101.3
177.5°	1112.4	1111.8	1109.2	1106.5	1109.2	1111.8	1112.4	1108.7	1103.7	1101.2	1102.4
180°	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5	1106.5



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1516.0	1516.0	1516.0	1516.0	1516.0
2.5°	1497.4	1504.6	1508.9	1514.6	1529.0
5°	1440.0	1467.3	1475.9	1497.4	1523.2
7.5°	1313.8	1397.0	1419.9	1471.6	1511.7
10°	1191.9	1275.1	1315.2	1437.2	1497.4
12.5°	1130.2	1179.0	1206.2	1376.9	1477.3
15°	1091.5	1125.9	1146.0	1296.6	1454.4
17.5°	1061.4	1085.8	1100.1	1217.7	1422.8
20°	1042.7	1054.2	1067.1	1160.3	1387.0
22.5°	1029.8	1022.6	1032.7	1120.2	1338.2
25°	1021.2	994.0	1005.4	1088.6	1280.8
27.5°	1028.4	968.1	972.4	1059.9	1220.6
30°	1029.8	936.6	938.0	1029.8	1153.2
32.5°	1019.8	903.6	905.0	992.5	1077.2
35°	995.4	864.9	863.4	949.5	973.9
37.5°	962.4	823.3	823.3	902.2	860.6
40°	922.2	781.7	786.0	840.5	760.2
42.5°	873.5	737.2	743.0	758.7	685.6
45°	820.4	694.2	698.5	641.1	628.2
47.5°	761.6	649.7	651.2	532.1	609.6
50°	691.3	603.8	598.1	456.1	608.1
52.5°	629.7	553.6	536.4	413.1	552.2
55°	569.4	500.6	463.3	380.1	512.0
57.5°	516.3	431.7	395.9	341.4	503.4
60°	467.6	364.3	337.1	299.8	461.8
62.5°	427.4	314.1	308.4	271.1	418.8
65°	384.4	279.7	278.3	246.7	355.7
67.5°	342.8	256.7	255.3	223.7	271.1
70°	298.3	232.4	229.5	199.4	200.8
72.5°	252.4	205.1	202.2	179.3	166.4
75°	206.5	173.5	172.1	156.3	134.8
77.5°	162.1	137.7	140.6	126.2	99.0
80°	116.2	100.4	103.3	90.4	74.6
82.5°	77.5	66.0	68.8	57.4	50.2
85°	43.0	37.3	38.7	30.1	22.9
87.5°	20.1	17.2	17.2	11.5	7.2
90°	32.6	20.7	19.3	13.4	7.5
92.5°	201.5	143.3	130.7	80.2	29.7
95°	495.8	279.2	256.1	163.7	71.3
97.5°	667.8	306.7	286.3	204.7	123.3
100°	730.4	329.7	311.2	237.3	163.4
102.5°	759.2	352.7	335.5	266.5	197.5
105°	780.4	386.9	372.2	313.9	255.5
107.5°	784.5	437.4	423.8	369.3	314.9
110°	778.4	465.6	453.2	404.1	354.9



TEST NUMBER: P935542

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-6500K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	778.7	499.8	488.0	441.2	394.3
115°	786.0	551.1	540.2	496.9	453.7
117.5°	800.5	600.8	590.9	551.7	512.4
120°	812.4	629.7	620.5	583.6	546.6
122.5°	829.5	663.9	654.6	617.3	580.0
125°	852.5	707.7	699.2	665.2	631.2
127.5°	875.6	750.0	741.4	707.1	672.8
130°	892.3	778.2	769.0	732.1	695.1
132.5°	906.0	801.3	792.0	755.1	718.1
135°	920.8	828.0	819.6	785.9	752.2
137.5°	943.1	862.2	853.9	820.5	787.1
140°	956.7	885.1	877.5	846.8	816.1
142.5°	968.1	902.3	895.2	866.8	838.4
145°	983.0	928.3	922.1	897.3	872.5
147.5°	1004.8	961.0	954.9	930.9	906.8
150°	1016.1	978.0	972.5	950.8	929.0
152.5°	1023.6	989.2	985.1	968.5	952.0
155°	1039.9	1013.7	1010.6	998.5	986.2
157.5°	1056.2	1038.1	1035.2	1023.3	1011.5
160°	1063.7	1049.3	1047.0	1037.8	1028.5
162.5°	1071.6	1061.2	1059.5	1052.5	1045.6
165°	1083.0	1078.3	1076.8	1070.5	1064.1
167.5°	1091.9	1088.0	1087.2	1084.2	1081.3
170°	1099.3	1099.0	1098.3	1095.3	1092.4
172.5°	1099.8	1099.8	1099.6	1099.0	1098.3
175°	1104.3	1106.5	1106.5	1106.5	1106.5
177.5°	1104.8	1106.5	1106.5	1106.5	1106.5
180°	1106.5	1106.5	1106.5	1106.5	1106.5



TEST NUMBER: P935542  
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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	11.06	11.80	12.13	12.88	14.34	13.88	14.63	14.95	15.70	17.17
	3H	11.53	12.19	12.61	13.27	14.76	15.22	15.88	16.30	16.97	18.45
	4H	11.71	12.34	12.80	13.43	14.92	15.65	16.29	16.75	17.37	18.86
	6H	11.82	12.41	12.93	13.49	14.99	15.93	16.51	17.03	17.60	19.10
	8H	11.82	12.38	12.93	13.48	14.97	16.00	16.55	17.11	17.66	19.15
	12H	11.79	12.31	12.90	13.41	14.93	16.04	16.56	17.15	17.66	19.18
4H	2H	12.07	12.71	13.17	13.79	15.28	14.28	14.91	15.38	15.99	17.48
	3H	13.09	13.62	14.20	14.73	16.23	15.77	16.30	16.88	17.41	18.91
	4H	13.36	13.84	14.47	14.95	16.47	16.29	16.78	17.40	17.88	19.40
	6H	13.48	13.89	14.60	15.02	16.53	16.65	17.06	17.77	18.19	19.70
	8H	13.48	13.87	14.60	14.99	16.52	16.75	17.14	17.87	18.25	19.79
	12H	13.44	13.79	14.58	14.92	16.46	16.80	17.15	17.94	18.28	19.82
8H	4H	13.80	14.19	14.92	15.31	16.84	16.41	16.79	17.53	17.91	19.44
	6H	14.06	14.38	15.20	15.54	17.07	16.84	17.16	17.98	18.31	19.84
	8H	14.10	14.38	15.25	15.52	17.07	16.99	17.27	18.13	18.40	19.95
	12H	14.08	14.33	15.23	15.46	17.05	17.08	17.32	18.23	18.46	20.04
12H	4H	13.80	14.16	14.94	15.28	16.82	16.37	16.72	17.50	17.84	19.38
	6H	14.12	14.40	15.27	15.54	17.09	16.83	17.11	17.98	18.25	19.80
	8H	14.18	14.43	15.33	15.56	17.15	16.99	17.23	18.14	18.37	19.95