

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: P935336

Luminaire Tested: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-4-6500K

Issue Date: 12/17/2024

**Test Information**

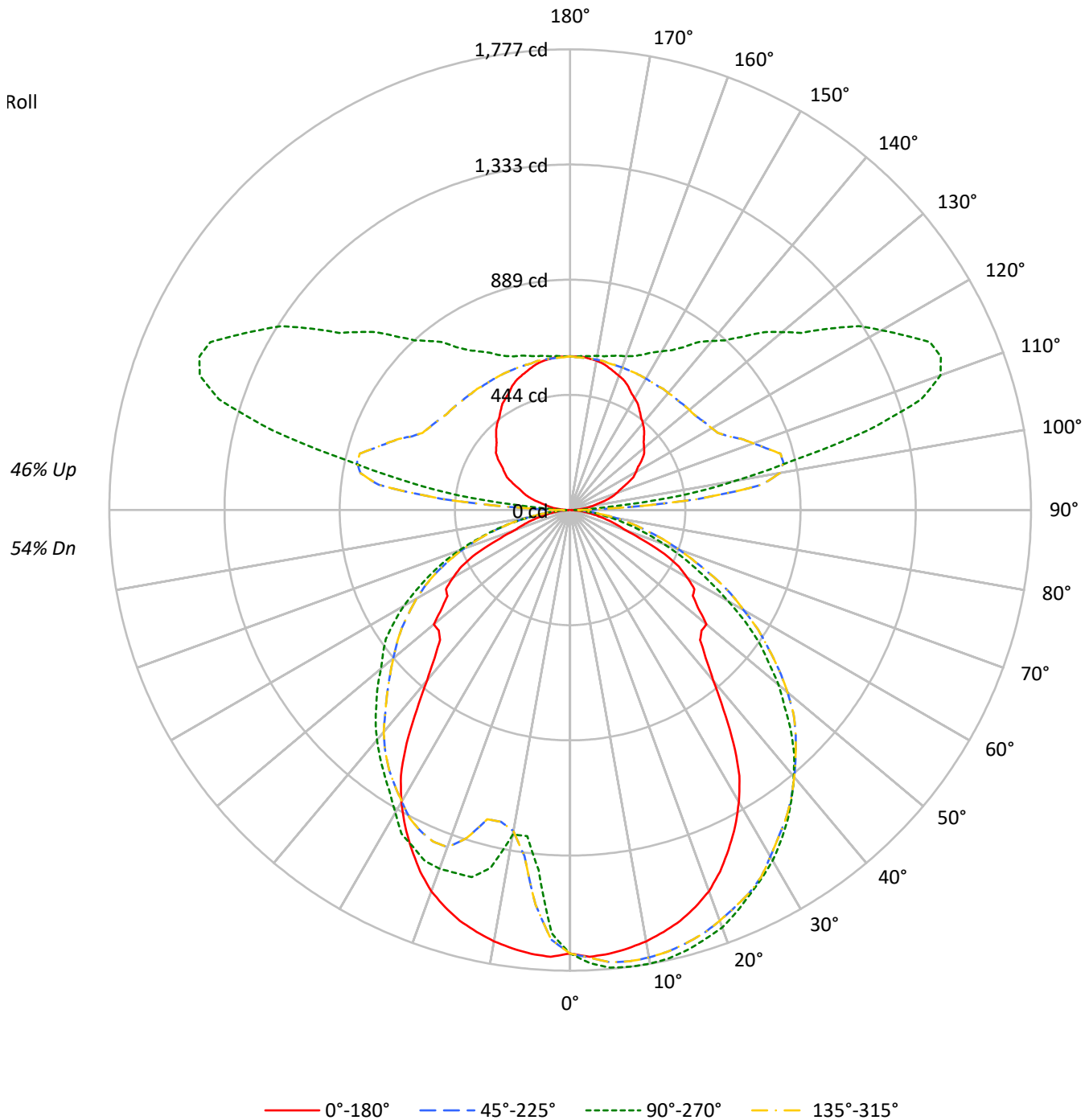
Test Method: LM-79-2019  
Report Number: P935336  
REPORT IS A COMBINATION OF REPORTS P933750 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-4-6500K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8278.7 lumens  
Efficiency: N/A  
Efficacy: 120.3 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 4' x H: 0.1')  
CIE Type: General Diffuse  
  
Input Watts (W): 68.8  
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: P935336  
CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-4-6500K

### Luminous Intensity Polar Plot





TEST NUMBER: P935336

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-4-6500K

**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	108	108	108	108	100	100	100	100	85	85	85	72	72	72	59	59	59	54
1	99	94	90	87	91	88	84	81	75	73	70	63	62	60	53	51	50	45
2	90	82	76	71	83	77	71	67	66	62	58	56	53	50	46	44	42	38
3	82	72	65	59	76	67	61	56	58	53	49	49	46	42	41	38	36	32
4	75	64	56	50	69	60	53	47	51	46	42	44	40	36	37	34	31	28
5	69	57	49	43	64	53	46	41	46	40	36	39	35	31	33	30	27	24
6	63	51	43	37	59	48	41	35	41	36	31	35	31	28	30	26	24	21
7	59	46	38	33	54	43	36	31	38	32	28	32	28	24	27	24	21	19
8	54	42	34	29	50	39	32	27	34	29	24	29	25	22	25	22	19	17
9	51	38	31	26	47	36	29	24	31	26	22	27	23	19	23	20	17	15
10	47	35	28	23	44	33	26	22	29	23	20	25	21	18	21	18	15	13

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

	0°	90°	180°	270°
0°	15871	15871	15871	15871
5°	15972	16021	15972	12598
10°	15848	15782	15848	11283
15°	15658	15441	15658	12892
20°	15313	15035	15313	12919
25°	14624	14444	14624	12646
30°	13742	13954	13742	12045
35°	12233	13334	12233	11384
40°	10175	12602	10175	10885
45°	9073	11748	9073	10311
50°	9618	10729	9618	9735
55°	9024	9630	9024	9402
60°	9268	8179	9268	8611
65°	8363	6762	8363	7558
70°	5750	5389	5750	6335
75°	4988	3984	4988	4771
80°	3936	2632	3936	2866
85°	2145	1394	2145	1185

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 13934 cd/sqm



TEST NUMBER: P935336

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-4-6500K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	154.4	1.9
10°-20°	438.4	5.3
20°-30°	677.6	8.2
30°-40°	809.0	9.8
40°-50°	813.7	9.8
50°-60°	708.0	8.6
60°-70°	502.0	6.1
70°-80°	265.6	3.2
80°-90°	68.4	0.8
90°-100°	288.9	3.5
100°-110°	759.5	9.2
110°-120°	787.5	9.5
120°-130°	631.6	7.6
130°-140°	495.6	6.0
140°-150°	380.4	4.6
150°-160°	274.0	3.3
160°-170°	167.6	2.0
170°-180°	56.6	0.7
0°-30°	1270.4	15.3
0°-40°	2079.4	25.1
0°-60°	3601.1	43.5
0°-90°	4437.1	53.6
90°-120°	1835.8	22.2
90°-150°	3343.4	40.4
90°-180°	3842.0	46.4
0°-180°	8278.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1710	1710	1710	1710	1710	
5°	1718	1772	1718	1393	1718	163
15°	1641	1756	1641	1466	1641	462
25°	1445	1638	1445	1434	1445	663
35°	1099	1461	1099	1248	1099	680
45°	709	1204	709	1057	709	568
55°	578	888	578	867	578	531
65°	401	536	401	599	401	384
75°	152	254	152	304	152	160
85°	26	65	26	55	26	35
90°	4	15	4	15	4	4
95°	38	175	38	175	38	42
105°	137	1189	137	1189	137	145
115°	243	1531	243	1531	243	240
125°	338	1219	338	1219	338	300
135°	403	946	403	946	403	312
145°	467	768	467	768	467	293
155°	528	661	528	661	528	243
165°	570	616	570	616	570	161
175°	593	597	593	597	593	56
180°	593	593	593	593	593	



TEST NUMBER: P935336

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-4-6500K

**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4
2.5°	1725.0	1725.0	1734.7	1738.0	1738.0	1733.1	1728.2	1733.1	1747.6	1752.5	1750.9
5°	1718.5	1731.5	1749.3	1752.5	1755.8	1754.1	1750.9	1754.1	1770.3	1773.5	1775.2
7.5°	1705.6	1729.8	1752.5	1757.4	1762.2	1757.4	1755.8	1759.0	1775.2	1778.4	1778.4
10°	1689.4	1723.3	1749.3	1752.5	1757.4	1752.5	1752.5	1759.0	1775.2	1778.4	1780.0
12.5°	1666.7	1713.7	1738.0	1741.1	1747.6	1746.0	1744.4	1750.9	1767.0	1770.3	1770.3
15°	1640.8	1695.9	1718.5	1721.7	1733.1	1729.8	1729.8	1736.4	1754.1	1759.0	1757.4
17.5°	1605.3	1673.2	1699.1	1703.9	1712.1	1710.4	1712.1	1718.5	1734.7	1738.0	1739.5
20°	1564.8	1642.5	1673.2	1678.0	1686.2	1686.2	1686.2	1694.3	1710.4	1716.9	1716.9
22.5°	1509.7	1610.1	1642.5	1645.7	1655.4	1655.4	1658.6	1670.0	1684.5	1686.2	1686.2
25°	1445.0	1574.5	1602.0	1611.8	1621.4	1626.3	1631.2	1637.6	1642.5	1640.8	1642.5
27.5°	1377.1	1529.1	1564.8	1571.2	1584.2	1589.1	1595.5	1597.1	1598.8	1603.6	1600.4
30°	1301.0	1466.0	1519.5	1526.0	1547.0	1550.2	1543.8	1547.0	1555.1	1558.3	1561.6
32.5°	1215.2	1372.2	1472.5	1487.1	1506.6	1496.8	1495.2	1500.1	1513.0	1513.0	1516.2
35°	1098.8	1299.4	1428.8	1441.8	1456.4	1445.0	1451.5	1453.1	1461.3	1466.0	1464.5
37.5°	970.9	1236.3	1383.5	1393.3	1404.6	1390.0	1399.8	1404.6	1411.1	1407.8	1407.8
40°	857.6	1137.6	1330.2	1336.7	1346.3	1335.0	1344.7	1347.9	1351.2	1347.9	1346.3
42.5°	773.5	1029.2	1273.6	1281.6	1275.1	1283.2	1286.5	1293.0	1288.1	1281.6	1281.6
45°	708.7	1000.1	1212.0	1221.7	1212.0	1225.0	1229.9	1229.9	1215.2	1212.0	1210.4
47.5°	687.7	941.8	1150.5	1150.5	1145.7	1161.9	1169.9	1158.6	1144.1	1139.2	1139.2
50°	686.1	877.0	1066.3	1059.9	1082.6	1102.0	1093.9	1082.6	1071.2	1053.4	1053.4
52.5°	623.0	797.8	958.0	982.2	1017.9	1029.2	1016.2	1004.9	985.5	977.4	970.9
55°	577.7	715.2	859.2	907.8	945.0	959.5	935.3	924.0	894.9	890.0	886.8
57.5°	568.0	595.5	768.7	830.2	875.4	873.9	859.2	838.2	813.9	809.1	807.5
60°	521.0	430.5	671.5	744.4	791.2	786.5	773.5	754.1	731.4	728.1	725.0
62.5°	472.6	312.3	561.5	644.0	710.4	708.7	697.4	668.3	652.1	644.0	637.6
65°	401.3	262.2	399.7	535.7	631.1	634.3	610.1	589.0	571.2	561.5	559.9
67.5°	305.8	213.6	270.2	446.6	555.1	551.8	521.0	511.4	488.7	483.8	474.2
70°	226.5	142.4	187.7	362.5	480.6	472.6	448.3	436.9	415.8	404.6	398.1
72.5°	187.7	114.9	137.5	281.6	404.6	394.8	373.8	360.9	343.1	333.3	326.8
75°	152.1	121.3	105.2	208.7	328.5	322.0	302.6	289.6	275.1	262.2	263.7
77.5°	111.7	113.3	84.1	153.8	260.6	250.8	239.5	223.3	216.9	203.9	203.9
80°	84.1	89.0	63.1	105.2	187.7	187.7	178.0	166.7	155.4	148.9	148.9
82.5°	56.6	56.6	46.9	66.4	127.8	123.0	116.5	113.3	106.8	103.6	103.6
85°	25.9	32.3	29.2	40.4	69.6	72.9	72.9	69.6	68.0	64.7	66.4
87.5°	8.1	14.5	17.8	22.7	35.6	37.2	38.8	38.8	38.8	40.4	40.4
90°	4.0	7.2	10.3	11.1	17.5	26.0	30.2	26.9	20.2	15.1	15.1
92.5°	15.9	42.9	70.0	76.8	108.0	149.5	170.2	149.2	107.1	75.5	72.6
95°	38.2	87.7	137.2	149.5	265.5	420.2	497.5	444.0	336.9	256.5	247.5
97.5°	66.0	109.7	153.4	164.3	357.7	615.6	744.5	710.6	642.9	592.2	574.9
100°	87.5	127.1	166.7	176.6	391.3	677.5	820.5	823.0	827.9	831.6	810.9
102.5°	105.8	142.8	179.7	188.9	406.7	696.9	842.0	885.1	971.4	1036.0	1018.3
105°	136.8	168.1	199.4	207.2	418.0	699.1	839.6	936.3	1129.6	1274.7	1265.2
107.5°	168.7	197.8	227.0	234.3	420.2	667.9	791.8	926.7	1196.5	1398.8	1401.1
110°	190.1	216.5	242.8	249.4	416.9	640.4	752.0	902.8	1204.4	1430.6	1440.5



TEST NUMBER: P935336

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-4-6500K

**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	211.2	236.3	261.3	267.6	417.1	616.3	715.9	870.2	1178.8	1410.3	1425.5
115°	243.0	266.1	289.2	295.1	420.9	588.7	672.6	821.3	1118.6	1341.5	1362.6
117.5°	274.4	295.5	316.5	321.8	428.8	571.4	642.8	776.9	1045.2	1246.5	1269.8
120°	292.7	312.5	332.3	337.2	435.1	565.6	630.8	753.4	998.6	1182.4	1205.2
122.5°	310.7	330.7	350.6	355.6	444.2	562.5	621.6	732.0	952.8	1118.4	1140.7
125°	338.1	356.3	374.4	379.0	456.6	559.9	611.7	705.5	893.0	1033.6	1054.3
127.5°	360.3	378.7	397.1	401.7	468.9	558.5	603.4	683.9	844.9	965.7	983.1
130°	372.2	392.0	411.8	416.8	477.9	559.5	600.2	671.9	815.3	922.7	938.8
132.5°	384.6	404.4	424.2	429.1	485.2	559.9	597.3	661.5	789.8	886.1	900.5
135°	402.9	420.9	439.0	443.5	493.2	559.5	592.6	646.4	753.8	834.4	846.8
137.5°	421.6	439.5	457.3	461.7	505.1	562.9	591.8	637.2	728.0	796.2	806.4
140°	437.1	453.5	470.0	474.1	512.4	563.5	589.0	628.2	706.7	765.6	775.1
142.5°	449.0	464.2	479.4	483.3	518.5	565.5	589.0	623.4	692.4	744.1	752.3
145°	467.3	480.6	493.8	497.1	526.5	565.6	585.1	613.3	669.6	711.9	718.1
147.5°	485.7	498.6	511.4	514.6	538.1	569.4	585.1	607.3	651.6	684.9	690.1
150°	497.5	509.2	520.8	523.8	544.3	571.5	585.1	603.8	641.2	669.3	673.4
152.5°	509.8	518.6	527.5	529.7	548.2	572.8	585.1	601.1	633.0	657.0	660.2
155°	528.2	534.7	541.3	542.9	557.0	575.7	585.1	597.8	623.2	642.3	644.4
157.5°	541.7	548.1	554.4	556.0	565.7	578.6	585.1	594.9	614.7	629.6	631.0
160°	550.9	555.8	560.7	562.0	569.7	579.9	585.1	593.6	610.5	623.2	624.1
162.5°	559.9	563.7	567.4	568.4	573.9	581.4	585.1	592.3	606.5	617.2	618.0
165°	569.9	573.2	576.6	577.4	580.0	583.4	585.1	590.3	600.5	608.1	609.0
167.5°	579.1	580.7	582.3	582.7	584.8	587.6	589.0	592.4	599.1	604.1	604.5
170°	585.1	586.6	588.2	588.6	588.7	588.9	589.0	592.4	599.1	604.1	604.1
172.5°	588.2	588.6	588.9	589.0	589.0	589.0	589.0	591.7	597.0	601.0	600.7
175°	592.6	592.6	592.6	592.6	591.4	589.8	589.0	590.7	594.1	596.6	596.6
177.5°	592.6	592.6	592.6	592.6	591.7	590.4	589.8	591.1	593.8	595.8	595.4
180°	592.6	592.6	592.6	592.6	592.6	592.6	592.6	592.6	592.6	592.6	592.6



TEST NUMBER: P935336

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-4-6500K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4
2.5°	1754.1	1749.3	1754.1	1750.9	1752.5	1747.6	1733.1	1728.2	1733.1	1738.0	1738.0
5°	1775.2	1771.9	1775.2	1775.2	1773.5	1770.3	1754.1	1750.9	1754.1	1755.8	1752.5
7.5°	1781.6	1776.8	1781.6	1778.4	1778.4	1775.2	1759.0	1755.8	1757.4	1762.2	1757.4
10°	1781.6	1776.8	1781.6	1780.0	1778.4	1775.2	1759.0	1752.5	1752.5	1757.4	1752.5
12.5°	1773.5	1770.3	1773.5	1770.3	1770.3	1767.0	1750.9	1744.4	1746.0	1747.6	1741.1
15°	1760.5	1755.8	1760.5	1757.4	1759.0	1754.1	1736.4	1729.8	1729.8	1733.1	1721.7
17.5°	1741.1	1734.7	1741.1	1739.5	1738.0	1734.7	1718.5	1712.1	1710.4	1712.1	1703.9
20°	1718.5	1713.7	1718.5	1716.9	1716.9	1710.4	1694.3	1686.2	1686.2	1686.2	1678.0
22.5°	1682.9	1678.0	1682.9	1686.2	1686.2	1684.5	1670.0	1658.6	1655.4	1655.4	1645.7
25°	1642.5	1637.6	1642.5	1642.5	1640.8	1642.5	1637.6	1631.2	1626.3	1621.4	1611.8
27.5°	1603.6	1600.4	1603.6	1600.4	1603.6	1598.8	1597.1	1595.5	1589.1	1584.2	1571.2
30°	1564.8	1561.6	1564.8	1561.6	1558.3	1555.1	1547.0	1543.8	1550.2	1547.0	1526.0
32.5°	1516.2	1513.0	1516.2	1516.2	1513.0	1513.0	1500.1	1495.2	1496.8	1506.6	1487.1
35°	1466.0	1461.3	1466.0	1464.5	1466.0	1461.3	1453.1	1451.5	1445.0	1456.4	1441.8
37.5°	1407.8	1402.9	1407.8	1407.8	1407.8	1411.1	1404.6	1399.8	1390.0	1404.6	1393.3
40°	1347.9	1341.4	1347.9	1346.3	1347.9	1351.2	1347.9	1344.7	1335.0	1346.3	1336.7
42.5°	1280.0	1278.3	1280.0	1281.6	1281.6	1288.1	1293.0	1286.5	1283.2	1275.1	1281.6
45°	1207.2	1203.9	1207.2	1210.4	1212.0	1215.2	1229.9	1229.9	1225.0	1212.0	1221.7
47.5°	1129.5	1121.4	1129.5	1139.2	1139.2	1144.1	1158.6	1169.9	1161.9	1145.7	1150.5
50°	1046.9	1048.6	1046.9	1053.4	1053.4	1071.2	1082.6	1093.9	1102.0	1082.6	1059.9
52.5°	966.0	964.4	966.0	970.9	977.4	985.5	1004.9	1016.2	1029.2	1017.9	982.2
55°	885.1	888.4	885.1	886.8	890.0	894.9	924.0	935.3	959.5	945.0	907.8
57.5°	804.3	799.4	804.3	807.5	809.1	813.9	838.2	859.2	873.9	875.4	830.2
60°	710.4	703.9	710.4	725.0	728.1	731.4	754.1	773.5	786.5	791.2	744.4
62.5°	627.8	616.6	627.8	637.6	644.0	652.1	668.3	697.4	708.7	710.4	644.0
65°	540.4	535.7	540.4	559.9	561.5	571.2	589.0	610.1	634.3	631.1	535.7
67.5°	461.2	461.2	461.2	474.2	483.8	488.7	511.4	521.0	551.8	555.1	446.6
70°	388.4	386.8	388.4	398.1	404.6	415.8	436.9	448.3	472.6	480.6	362.5
72.5°	318.8	317.2	318.8	326.8	333.3	343.1	360.9	373.8	394.8	404.6	281.6
75°	257.3	254.1	257.3	263.7	262.2	275.1	289.6	302.6	322.0	328.5	208.7
77.5°	197.5	197.5	197.5	203.9	203.9	216.9	223.3	239.5	250.8	260.6	153.8
80°	147.3	145.6	147.3	148.9	148.9	155.4	166.7	178.0	187.7	187.7	105.2
82.5°	103.6	100.3	103.6	103.6	103.6	106.8	113.3	116.5	123.0	127.8	66.4
85°	64.7	64.7	64.7	66.4	64.7	68.0	69.6	72.9	72.9	69.6	40.4
87.5°	42.1	40.4	42.1	40.4	40.4	38.8	38.8	38.8	37.2	35.6	22.7
90°	15.1	15.1	15.1	15.1	15.1	20.2	26.9	30.2	26.0	17.5	11.1
92.5°	60.5	48.5	60.5	72.6	75.5	107.1	149.2	170.2	149.5	108.0	76.8
95°	211.0	174.6	211.0	247.5	256.5	336.9	444.0	497.5	420.2	265.5	149.5
97.5°	505.5	436.3	505.5	574.9	592.2	642.9	710.6	744.5	615.6	357.7	164.3
100°	728.4	645.9	728.4	810.9	831.6	827.9	823.0	820.5	677.5	391.3	176.6
102.5°	947.7	877.0	947.7	1018.3	1036.0	971.4	885.1	842.0	696.9	406.7	188.9
105°	1227.2	1189.2	1227.2	1265.2	1274.7	1129.6	936.3	839.6	699.1	418.0	207.2
107.5°	1410.3	1419.5	1410.3	1401.1	1398.8	1196.5	926.7	791.8	667.9	420.2	234.3
110°	1480.1	1519.7	1480.1	1440.5	1430.6	1204.4	902.8	752.0	640.4	416.9	249.4





TEST NUMBER: P935336

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-4-6500K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1486.3	1547.1	1486.3	1425.5	1410.3	1178.8	870.2	715.9	616.3	417.1	267.6
115°	1446.9	1531.2	1446.9	1362.6	1341.5	1118.6	821.3	672.6	588.7	420.9	295.1
117.5°	1363.3	1456.9	1363.3	1269.8	1246.5	1045.2	776.9	642.8	571.4	428.8	321.8
120°	1296.0	1386.9	1296.0	1205.2	1182.4	998.6	753.4	630.8	565.6	435.1	337.2
122.5°	1230.4	1320.0	1230.4	1140.7	1118.4	952.8	732.0	621.6	562.5	444.2	355.6
125°	1136.8	1219.4	1136.8	1054.3	1033.6	893.0	705.5	611.7	559.9	456.6	379.0
127.5°	1052.8	1122.4	1052.8	983.1	965.7	844.9	683.9	603.4	558.5	468.9	401.7
130°	1003.1	1067.5	1003.1	938.8	922.7	815.3	671.9	600.2	559.5	477.9	416.8
132.5°	958.1	1015.8	958.1	900.5	886.1	789.8	661.5	597.3	559.9	485.2	429.1
135°	896.4	946.2	896.4	846.8	834.4	753.8	646.4	592.6	559.5	493.2	443.5
137.5°	847.1	887.7	847.1	806.4	796.2	728.0	637.2	591.8	562.9	505.1	461.7
140°	813.1	851.1	813.1	775.1	765.6	706.7	628.2	589.0	563.5	512.4	474.1
142.5°	785.0	817.7	785.0	752.3	744.1	692.4	623.4	589.0	565.5	518.5	483.3
145°	742.9	767.6	742.9	718.1	711.9	669.6	613.3	585.1	565.6	526.5	497.1
147.5°	710.5	731.0	710.5	690.1	684.9	651.6	607.3	585.1	569.4	538.1	514.6
150°	690.1	706.7	690.1	673.4	669.3	641.2	603.8	585.1	571.5	544.3	523.8
152.5°	672.7	685.3	672.7	660.2	657.0	633.0	601.1	585.1	572.8	548.2	529.7
155°	652.7	661.0	652.7	644.4	642.3	623.2	597.8	585.1	575.7	557.0	542.9
157.5°	636.9	642.8	636.9	631.0	629.6	614.7	594.9	585.1	578.6	565.7	556.0
160°	627.5	630.8	627.5	624.1	623.2	610.5	593.6	585.1	579.9	569.7	562.0
162.5°	621.2	624.4	621.2	618.0	617.2	606.5	592.3	585.1	581.4	573.9	568.4
165°	612.3	615.7	612.3	609.0	608.1	600.5	590.3	585.1	583.4	580.0	577.4
167.5°	605.8	607.3	605.8	604.5	604.1	599.1	592.4	589.0	587.6	584.8	582.7
170°	604.1	604.1	604.1	604.1	604.1	599.1	592.4	589.0	588.9	588.7	588.6
172.5°	599.4	598.2	599.4	600.7	601.0	597.0	591.7	589.0	589.0	589.0	589.0
175°	596.6	596.6	596.6	596.6	596.6	594.1	590.7	589.0	589.8	591.4	592.6
177.5°	594.1	592.6	594.1	595.4	595.8	593.8	591.1	589.8	590.4	591.7	592.6
180°	592.6	592.6	592.6	592.6	592.6	592.6	592.6	592.6	592.6	592.6	592.6



TEST NUMBER: P935336

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-4-6500K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4
2.5°	1734.7	1725.0	1725.0	1708.8	1702.3	1697.4	1689.4	1665.1	1658.6	1652.2	1661.9
5°	1749.3	1731.5	1718.5	1689.4	1665.1	1655.4	1624.7	1566.4	1527.6	1498.5	1482.3
7.5°	1752.5	1729.8	1705.6	1660.2	1602.0	1576.1	1482.3	1375.5	1346.3	1320.4	1304.2
10°	1749.3	1723.3	1689.4	1621.4	1483.9	1438.6	1344.7	1275.1	1257.3	1252.5	1257.3
12.5°	1738.0	1713.7	1666.7	1553.4	1360.9	1330.2	1275.1	1234.6	1231.5	1239.5	1283.2
15°	1718.5	1695.9	1640.8	1462.9	1293.0	1270.3	1231.5	1216.9	1234.6	1291.3	1422.4
17.5°	1699.1	1673.2	1605.3	1373.9	1241.1	1225.0	1197.4	1226.6	1326.9	1402.9	1446.6
20°	1673.2	1642.5	1564.8	1309.1	1203.9	1189.4	1176.4	1307.5	1383.5	1411.1	1435.3
22.5°	1642.5	1610.1	1509.7	1263.8	1165.1	1153.7	1161.9	1352.8	1383.5	1402.9	1424.0
25°	1602.0	1574.5	1445.0	1228.2	1134.3	1121.4	1152.1	1347.9	1365.7	1370.6	1412.7
27.5°	1564.8	1529.1	1377.1	1195.8	1097.1	1092.3	1160.2	1326.9	1339.8	1344.7	1390.0
30°	1519.5	1466.0	1301.0	1161.9	1058.3	1056.7	1161.9	1301.0	1297.7	1310.7	1356.1
32.5°	1472.5	1372.2	1215.2	1119.8	1021.1	1019.5	1150.5	1262.2	1258.9	1276.7	1310.7
35°	1428.8	1299.4	1098.8	1071.2	974.2	975.8	1123.0	1216.9	1218.5	1234.6	1255.7
37.5°	1383.5	1236.3	970.9	1017.9	928.8	928.8	1085.8	1174.8	1171.5	1176.4	1205.6
40°	1330.2	1137.6	857.6	948.3	886.8	881.9	1040.5	1129.5	1118.2	1116.5	1157.0
42.5°	1273.6	1029.2	773.5	856.0	838.2	831.8	985.5	1074.5	1053.4	1058.3	1110.0
45°	1212.0	1000.1	708.7	723.4	788.1	783.2	925.6	1011.4	996.8	1009.7	1063.2
47.5°	1150.5	941.8	687.7	600.4	734.6	733.0	859.2	949.9	941.8	954.8	1011.4
50°	1066.3	877.0	686.1	514.6	674.8	681.3	780.0	890.0	890.0	901.3	961.2
52.5°	958.0	797.8	623.0	466.0	605.2	624.6	710.4	838.2	841.4	852.8	906.2
55°	859.2	715.2	577.7	428.9	522.7	564.7	642.5	784.8	791.2	802.6	851.2
57.5°	768.7	595.5	568.0	385.2	446.6	487.1	582.5	733.0	736.3	746.0	792.9
60°	671.5	430.5	521.0	338.2	380.3	411.0	527.5	671.5	682.9	689.3	729.8
62.5°	561.5	312.3	472.6	305.8	347.9	354.4	482.2	613.3	627.8	632.7	657.0
65°	399.7	262.2	401.3	278.3	313.9	315.5	433.6	553.4	566.4	574.5	592.3
67.5°	270.2	213.6	305.8	252.4	288.0	289.6	386.8	483.8	501.6	508.1	519.4
70°	187.7	142.4	226.5	224.9	258.9	262.2	336.6	420.7	436.9	441.8	448.3
72.5°	137.5	114.9	187.7	202.2	228.1	231.4	284.8	349.5	365.7	370.5	373.8
75°	105.2	121.3	152.1	176.4	194.2	195.8	233.0	284.8	296.1	299.4	301.0
77.5°	84.1	113.3	111.7	142.4	158.5	155.4	182.8	220.1	229.8	229.8	229.8
80°	63.1	89.0	84.1	101.9	116.5	113.3	131.1	157.0	160.2	163.4	161.8
82.5°	46.9	56.6	56.6	64.7	77.6	74.4	87.4	101.9	101.9	101.9	105.2
85°	29.2	32.3	25.9	33.9	43.7	42.1	48.6	55.0	56.6	56.6	53.4
87.5°	17.8	14.5	8.1	12.9	19.4	19.4	22.7	24.3	22.7	22.7	22.7
90°	10.3	7.2	4.0	7.2	10.3	11.1	17.5	26.0	30.2	26.9	20.2
92.5°	70.0	42.9	15.9	42.9	70.0	76.8	108.0	149.5	170.2	149.2	107.1
95°	137.2	87.7	38.2	87.7	137.2	149.5	265.5	420.2	497.5	444.0	336.9
97.5°	153.4	109.7	66.0	109.7	153.4	164.3	357.7	615.6	744.5	710.6	642.9
100°	166.7	127.1	87.5	127.1	166.7	176.6	391.3	677.5	820.5	823.0	827.9
102.5°	179.7	142.8	105.8	142.8	179.7	188.9	406.7	696.9	842.0	885.1	971.4
105°	199.4	168.1	136.8	168.1	199.4	207.2	418.0	699.1	839.6	936.3	1129.6
107.5°	227.0	197.8	168.7	197.8	227.0	234.3	420.2	667.9	791.8	926.7	1196.5
110°	242.8	216.5	190.1	216.5	242.8	249.4	416.9	640.4	752.0	902.8	1204.4



TEST NUMBER: P935336

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-4-6500K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	261.3	236.3	211.2	236.3	261.3	267.6	417.1	616.3	715.9	870.2	1178.8
115°	289.2	266.1	243.0	266.1	289.2	295.1	420.9	588.7	672.6	821.3	1118.6
117.5°	316.5	295.5	274.4	295.5	316.5	321.8	428.8	571.4	642.8	776.9	1045.2
120°	332.3	312.5	292.7	312.5	332.3	337.2	435.1	565.6	630.8	753.4	998.6
122.5°	350.6	330.7	310.7	330.7	350.6	355.6	444.2	562.5	621.6	732.0	952.8
125°	374.4	356.3	338.1	356.3	374.4	379.0	456.6	559.9	611.7	705.5	893.0
127.5°	397.1	378.7	360.3	378.7	397.1	401.7	468.9	558.5	603.4	683.9	844.9
130°	411.8	392.0	372.2	392.0	411.8	416.8	477.9	559.5	600.2	671.9	815.3
132.5°	424.2	404.4	384.6	404.4	424.2	429.1	485.2	559.9	597.3	661.5	789.8
135°	439.0	420.9	402.9	420.9	439.0	443.5	493.2	559.5	592.6	646.4	753.8
137.5°	457.3	439.5	421.6	439.5	457.3	461.7	505.1	562.9	591.8	637.2	728.0
140°	470.0	453.5	437.1	453.5	470.0	474.1	512.4	563.5	589.0	628.2	706.7
142.5°	479.4	464.2	449.0	464.2	479.4	483.3	518.5	565.5	589.0	623.4	692.4
145°	493.8	480.6	467.3	480.6	493.8	497.1	526.5	565.6	585.1	613.3	669.6
147.5°	511.4	498.6	485.7	498.6	511.4	514.6	538.1	569.4	585.1	607.3	651.6
150°	520.8	509.2	497.5	509.2	520.8	523.8	544.3	571.5	585.1	603.8	641.2
152.5°	527.5	518.6	509.8	518.6	527.5	529.7	548.2	572.8	585.1	601.1	633.0
155°	541.3	534.7	528.2	534.7	541.3	542.9	557.0	575.7	585.1	597.8	623.2
157.5°	554.4	548.1	541.7	548.1	554.4	556.0	565.7	578.6	585.1	594.9	614.7
160°	560.7	555.8	550.9	555.8	560.7	562.0	569.7	579.9	585.1	593.6	610.5
162.5°	567.4	563.7	559.9	563.7	567.4	568.4	573.9	581.4	585.1	592.3	606.5
165°	576.6	573.2	569.9	573.2	576.6	577.4	580.0	583.4	585.1	590.3	600.5
167.5°	582.3	580.7	579.1	580.7	582.3	582.7	584.8	587.6	589.0	592.4	599.1
170°	588.2	586.6	585.1	586.6	588.2	588.6	588.7	588.9	589.0	592.4	599.1
172.5°	588.9	588.6	588.2	588.6	588.9	589.0	589.0	589.0	589.0	591.7	597.0
175°	592.6	592.6	592.6	592.6	592.6	592.6	591.4	589.8	589.0	590.7	594.1
177.5°	592.6	592.6	592.6	592.6	592.6	592.6	591.7	590.4	589.8	591.1	593.8
180°	592.6	592.6	592.6	592.6	592.6	592.6	592.6	592.6	592.6	592.6	592.6



TEST NUMBER: P935336

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-4-6500K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4
2.5°	1650.6	1645.7	1652.2	1634.3	1652.2	1645.7	1650.6	1661.9	1652.2	1658.6	1665.1
5°	1448.2	1440.2	1414.3	1393.3	1414.3	1440.2	1448.2	1482.3	1498.5	1527.6	1566.4
7.5°	1294.6	1288.1	1281.6	1268.7	1281.6	1288.1	1294.6	1304.2	1320.4	1346.3	1375.5
10°	1260.5	1262.2	1271.9	1270.3	1271.9	1262.2	1260.5	1257.3	1252.5	1257.3	1275.1
12.5°	1347.9	1362.5	1415.9	1412.7	1415.9	1362.5	1347.9	1283.2	1239.5	1231.5	1234.6
15°	1448.2	1453.1	1464.5	1466.0	1464.5	1453.1	1448.2	1422.4	1291.3	1234.6	1216.9
17.5°	1458.0	1459.6	1467.7	1467.7	1467.7	1459.6	1458.0	1446.6	1402.9	1326.9	1226.6
20°	1449.9	1453.1	1469.3	1472.5	1469.3	1453.1	1449.9	1435.3	1411.1	1383.5	1307.5
22.5°	1446.6	1453.1	1466.0	1464.5	1466.0	1453.1	1446.6	1424.0	1402.9	1383.5	1352.8
25°	1430.5	1430.5	1432.1	1433.7	1432.1	1430.5	1430.5	1412.7	1370.6	1365.7	1347.9
27.5°	1396.5	1399.8	1409.4	1407.8	1409.4	1399.8	1396.5	1390.0	1344.7	1339.8	1326.9
30°	1365.7	1362.5	1354.4	1347.9	1354.4	1362.5	1365.7	1356.1	1310.7	1297.7	1301.0
32.5°	1314.0	1305.9	1297.7	1293.0	1297.7	1305.9	1314.0	1310.7	1276.7	1258.9	1262.2
35°	1252.5	1254.0	1252.5	1247.6	1252.5	1254.0	1252.5	1255.7	1234.6	1218.5	1216.9
37.5°	1208.8	1212.0	1210.4	1203.9	1210.4	1212.0	1208.8	1205.6	1176.4	1171.5	1174.8
40°	1163.5	1165.1	1163.5	1158.6	1163.5	1165.1	1163.5	1157.0	1116.5	1118.2	1129.5
42.5°	1119.8	1118.2	1113.3	1110.0	1113.3	1118.2	1119.8	1110.0	1058.3	1053.4	1074.5
45°	1069.6	1071.2	1061.6	1056.7	1061.6	1071.2	1069.6	1063.2	1009.7	996.8	1011.4
47.5°	1019.5	1019.5	1011.4	1006.5	1011.4	1019.5	1019.5	1011.4	954.8	941.8	949.9
50°	966.0	964.4	953.1	951.5	953.1	964.4	966.0	961.2	901.3	890.0	890.0
52.5°	904.6	904.6	906.2	909.4	906.2	904.6	904.6	906.2	852.8	841.4	838.2
55°	851.2	852.8	864.1	867.4	864.1	852.8	851.2	851.2	802.6	791.2	784.8
57.5°	796.1	796.1	804.3	804.3	804.3	796.1	796.1	792.9	746.0	736.3	733.0
60°	733.0	736.3	742.8	741.1	742.8	736.3	733.0	729.8	689.3	682.9	671.5
62.5°	666.7	669.9	671.5	668.3	671.5	669.9	666.7	657.0	632.7	627.8	613.3
65°	597.1	600.4	601.9	598.8	601.9	600.4	597.1	592.3	574.5	566.4	553.4
67.5°	525.9	524.3	522.7	529.2	522.7	524.3	525.9	519.4	508.1	501.6	483.8
70°	453.0	453.0	451.5	454.7	451.5	453.0	453.0	448.3	441.8	436.9	420.7
72.5°	375.4	373.8	380.3	375.4	380.3	373.8	375.4	373.8	370.5	365.7	349.5
75°	299.4	302.6	299.4	304.3	299.4	302.6	299.4	301.0	299.4	296.1	284.8
77.5°	228.1	231.4	228.1	228.1	228.1	231.4	228.1	229.8	229.8	229.8	220.1
80°	161.8	160.2	160.2	158.5	160.2	160.2	161.8	161.8	163.4	160.2	157.0
82.5°	103.6	101.9	101.9	105.2	101.9	101.9	103.6	105.2	101.9	101.9	101.9
85°	56.6	58.2	55.0	55.0	55.0	58.2	56.6	53.4	56.6	56.6	55.0
87.5°	21.0	19.4	19.4	19.4	19.4	19.4	21.0	22.7	22.7	22.7	24.3
90°	15.1	15.1	15.1	15.1	15.1	15.1	15.1	20.2	26.9	30.2	26.0
92.5°	75.5	72.6	60.5	48.5	60.5	72.6	75.5	107.1	149.2	170.2	149.5
95°	256.5	247.5	211.0	174.6	211.0	247.5	256.5	336.9	444.0	497.5	420.2
97.5°	592.2	574.9	505.5	436.3	505.5	574.9	592.2	642.9	710.6	744.5	615.6
100°	831.6	810.9	728.4	645.9	728.4	810.9	831.6	827.9	823.0	820.5	677.5
102.5°	1036.0	1018.3	947.7	877.0	947.7	1018.3	1036.0	971.4	885.1	842.0	696.9
105°	1274.7	1265.2	1227.2	1189.2	1227.2	1265.2	1274.7	1129.6	936.3	839.6	699.1
107.5°	1398.8	1401.1	1410.3	1419.5	1410.3	1401.1	1398.8	1196.5	926.7	791.8	667.9
110°	1430.6	1440.5	1480.1	1519.7	1480.1	1440.5	1430.6	1204.4	902.8	752.0	640.4



TEST NUMBER: P935336

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-4-6500K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1410.3	1425.5	1486.3	1547.1	1486.3	1425.5	1410.3	1178.8	870.2	715.9	616.3
115°	1341.5	1362.6	1446.9	1531.2	1446.9	1362.6	1341.5	1118.6	821.3	672.6	588.7
117.5°	1246.5	1269.8	1363.3	1456.9	1363.3	1269.8	1246.5	1045.2	776.9	642.8	571.4
120°	1182.4	1205.2	1296.0	1386.9	1296.0	1205.2	1182.4	998.6	753.4	630.8	565.6
122.5°	1118.4	1140.7	1230.4	1320.0	1230.4	1140.7	1118.4	952.8	732.0	621.6	562.5
125°	1033.6	1054.3	1136.8	1219.4	1136.8	1054.3	1033.6	893.0	705.5	611.7	559.9
127.5°	965.7	983.1	1052.8	1122.4	1052.8	983.1	965.7	844.9	683.9	603.4	558.5
130°	922.7	938.8	1003.1	1067.5	1003.1	938.8	922.7	815.3	671.9	600.2	559.5
132.5°	886.1	900.5	958.1	1015.8	958.1	900.5	886.1	789.8	661.5	597.3	559.9
135°	834.4	846.8	896.4	946.2	896.4	846.8	834.4	753.8	646.4	592.6	559.5
137.5°	796.2	806.4	847.1	887.7	847.1	806.4	796.2	728.0	637.2	591.8	562.9
140°	765.6	775.1	813.1	851.1	813.1	775.1	765.6	706.7	628.2	589.0	563.5
142.5°	744.1	752.3	785.0	817.7	785.0	752.3	744.1	692.4	623.4	589.0	565.5
145°	711.9	718.1	742.9	767.6	742.9	718.1	711.9	669.6	613.3	585.1	565.6
147.5°	684.9	690.1	710.5	731.0	710.5	690.1	684.9	651.6	607.3	585.1	569.4
150°	669.3	673.4	690.1	706.7	690.1	673.4	669.3	641.2	603.8	585.1	571.5
152.5°	657.0	660.2	672.7	685.3	672.7	660.2	657.0	633.0	601.1	585.1	572.8
155°	642.3	644.4	652.7	661.0	652.7	644.4	642.3	623.2	597.8	585.1	575.7
157.5°	629.6	631.0	636.9	642.8	636.9	631.0	629.6	614.7	594.9	585.1	578.6
160°	623.2	624.1	627.5	630.8	627.5	624.1	623.2	610.5	593.6	585.1	579.9
162.5°	617.2	618.0	621.2	624.4	621.2	618.0	617.2	606.5	592.3	585.1	581.4
165°	608.1	609.0	612.3	615.7	612.3	609.0	608.1	600.5	590.3	585.1	583.4
167.5°	604.1	604.5	605.8	607.3	605.8	604.5	604.1	599.1	592.4	589.0	587.6
170°	604.1	604.1	604.1	604.1	604.1	604.1	604.1	599.1	592.4	589.0	588.9
172.5°	601.0	600.7	599.4	598.2	599.4	600.7	601.0	597.0	591.7	589.0	589.0
175°	596.6	596.6	596.6	596.6	596.6	596.6	596.6	594.1	590.7	589.0	589.8
177.5°	595.8	595.4	594.1	592.6	594.1	595.4	595.8	593.8	591.1	589.8	590.4
180°	592.6	592.6	592.6	592.6	592.6	592.6	592.6	592.6	592.6	592.6	592.6



TEST NUMBER: P935336

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-4-6500K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1710.4	1710.4	1710.4	1710.4	1710.4
2.5°	1689.4	1697.4	1702.3	1708.8	1725.0
5°	1624.7	1655.4	1665.1	1689.4	1718.5
7.5°	1482.3	1576.1	1602.0	1660.2	1705.6
10°	1344.7	1438.6	1483.9	1621.4	1689.4
12.5°	1275.1	1330.2	1360.9	1553.4	1666.7
15°	1231.5	1270.3	1293.0	1462.9	1640.8
17.5°	1197.4	1225.0	1241.1	1373.9	1605.3
20°	1176.4	1189.4	1203.9	1309.1	1564.8
22.5°	1161.9	1153.7	1165.1	1263.8	1509.7
25°	1152.1	1121.4	1134.3	1228.2	1445.0
27.5°	1160.2	1092.3	1097.1	1195.8	1377.1
30°	1161.9	1056.7	1058.3	1161.9	1301.0
32.5°	1150.5	1019.5	1021.1	1119.8	1215.2
35°	1123.0	975.8	974.2	1071.2	1098.8
37.5°	1085.8	928.8	928.8	1017.9	970.9
40°	1040.5	881.9	886.8	948.3	857.6
42.5°	985.5	831.8	838.2	856.0	773.5
45°	925.6	783.2	788.1	723.4	708.7
47.5°	859.2	733.0	734.6	600.4	687.7
50°	780.0	681.3	674.8	514.6	686.1
52.5°	710.4	624.6	605.2	466.0	623.0
55°	642.5	564.7	522.7	428.9	577.7
57.5°	582.5	487.1	446.6	385.2	568.0
60°	527.5	411.0	380.3	338.2	521.0
62.5°	482.2	354.4	347.9	305.8	472.6
65°	433.6	315.5	313.9	278.3	401.3
67.5°	386.8	289.6	288.0	252.4	305.8
70°	336.6	262.2	258.9	224.9	226.5
72.5°	284.8	231.4	228.1	202.2	187.7
75°	233.0	195.8	194.2	176.4	152.1
77.5°	182.8	155.4	158.5	142.4	111.7
80°	131.1	113.3	116.5	101.9	84.1
82.5°	87.4	74.4	77.6	64.7	56.6
85°	48.6	42.1	43.7	33.9	25.9
87.5°	22.7	19.4	19.4	12.9	8.1
90°	17.5	11.1	10.3	7.2	4.0
92.5°	108.0	76.8	70.0	42.9	15.9
95°	265.5	149.5	137.2	87.7	38.2
97.5°	357.7	164.3	153.4	109.7	66.0
100°	391.3	176.6	166.7	127.1	87.5
102.5°	406.7	188.9	179.7	142.8	105.8
105°	418.0	207.2	199.4	168.1	136.8
107.5°	420.2	234.3	227.0	197.8	168.7
110°	416.9	249.4	242.8	216.5	190.1



TEST NUMBER: P935336

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-4-6500K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	417.1	267.6	261.3	236.3	211.2
115°	420.9	295.1	289.2	266.1	243.0
117.5°	428.8	321.8	316.5	295.5	274.4
120°	435.1	337.2	332.3	312.5	292.7
122.5°	444.2	355.6	350.6	330.7	310.7
125°	456.6	379.0	374.4	356.3	338.1
127.5°	468.9	401.7	397.1	378.7	360.3
130°	477.9	416.8	411.8	392.0	372.2
132.5°	485.2	429.1	424.2	404.4	384.6
135°	493.2	443.5	439.0	420.9	402.9
137.5°	505.1	461.7	457.3	439.5	421.6
140°	512.4	474.1	470.0	453.5	437.1
142.5°	518.5	483.3	479.4	464.2	449.0
145°	526.5	497.1	493.8	480.6	467.3
147.5°	538.1	514.6	511.4	498.6	485.7
150°	544.3	523.8	520.8	509.2	497.5
152.5°	548.2	529.7	527.5	518.6	509.8
155°	557.0	542.9	541.3	534.7	528.2
157.5°	565.7	556.0	554.4	548.1	541.7
160°	569.7	562.0	560.7	555.8	550.9
162.5°	573.9	568.4	567.4	563.7	559.9
165°	580.0	577.4	576.6	573.2	569.9
167.5°	584.8	582.7	582.3	580.7	579.1
170°	588.7	588.6	588.2	586.6	585.1
172.5°	589.0	589.0	588.9	588.6	588.2
175°	591.4	592.6	592.6	592.6	592.6
177.5°	591.7	592.6	592.6	592.6	592.6
180°	592.6	592.6	592.6	592.6	592.6



TEST NUMBER: P935336  
 CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-4-6500K

**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	14.72	15.62	15.65	16.56	17.78	17.52	18.42	18.45	19.36	20.58
	3H	15.20	16.01	16.14	16.96	18.20	18.86	19.66	19.80	20.62	21.86
	4H	15.40	16.16	16.35	17.11	18.36	19.30	20.06	20.25	21.02	22.27
	6H	15.52	16.22	16.48	17.18	18.44	19.58	20.28	20.54	21.24	22.51
	8H	15.52	16.19	16.49	17.17	18.43	19.65	20.32	20.62	21.30	22.56
	12H	15.49	16.13	16.47	17.10	18.39	19.69	20.32	20.66	21.29	22.58
4H	2H	15.75	16.51	16.71	17.47	18.72	17.94	18.70	18.90	19.65	20.90
	3H	16.78	17.42	17.75	18.40	19.67	19.44	20.07	20.40	21.06	22.32
	4H	17.06	17.64	18.04	18.62	19.91	19.96	20.54	20.94	21.52	22.81
	6H	17.19	17.69	18.18	18.69	19.98	20.32	20.82	21.31	21.82	23.11
	8H	17.20	17.66	18.19	18.66	19.96	20.42	20.89	21.41	21.88	23.19
	12H	17.16	17.58	18.17	18.60	19.91	20.47	20.89	21.48	21.91	23.22
8H	4H	17.51	17.98	18.50	18.98	20.28	20.09	20.55	21.08	21.55	22.85
	6H	17.78	18.16	18.79	19.20	20.50	20.52	20.90	21.53	21.94	23.24
	8H	17.82	18.16	18.84	19.18	20.50	20.66	21.00	21.69	22.03	23.35
	12H	17.80	18.10	18.83	19.12	20.49	20.76	21.06	21.79	22.08	23.44
12H	4H	17.52	17.94	18.53	18.95	20.26	20.05	20.47	21.06	21.49	22.80
	6H	17.84	18.17	18.86	19.20	20.52	20.52	20.85	21.54	21.88	23.20
	8H	17.90	18.20	18.93	19.22	20.59	20.67	20.97	21.70	21.99	23.36