

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: P935383

Luminaire Tested: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-4-3000K

Issue Date: 12/17/2024

**Test Information**

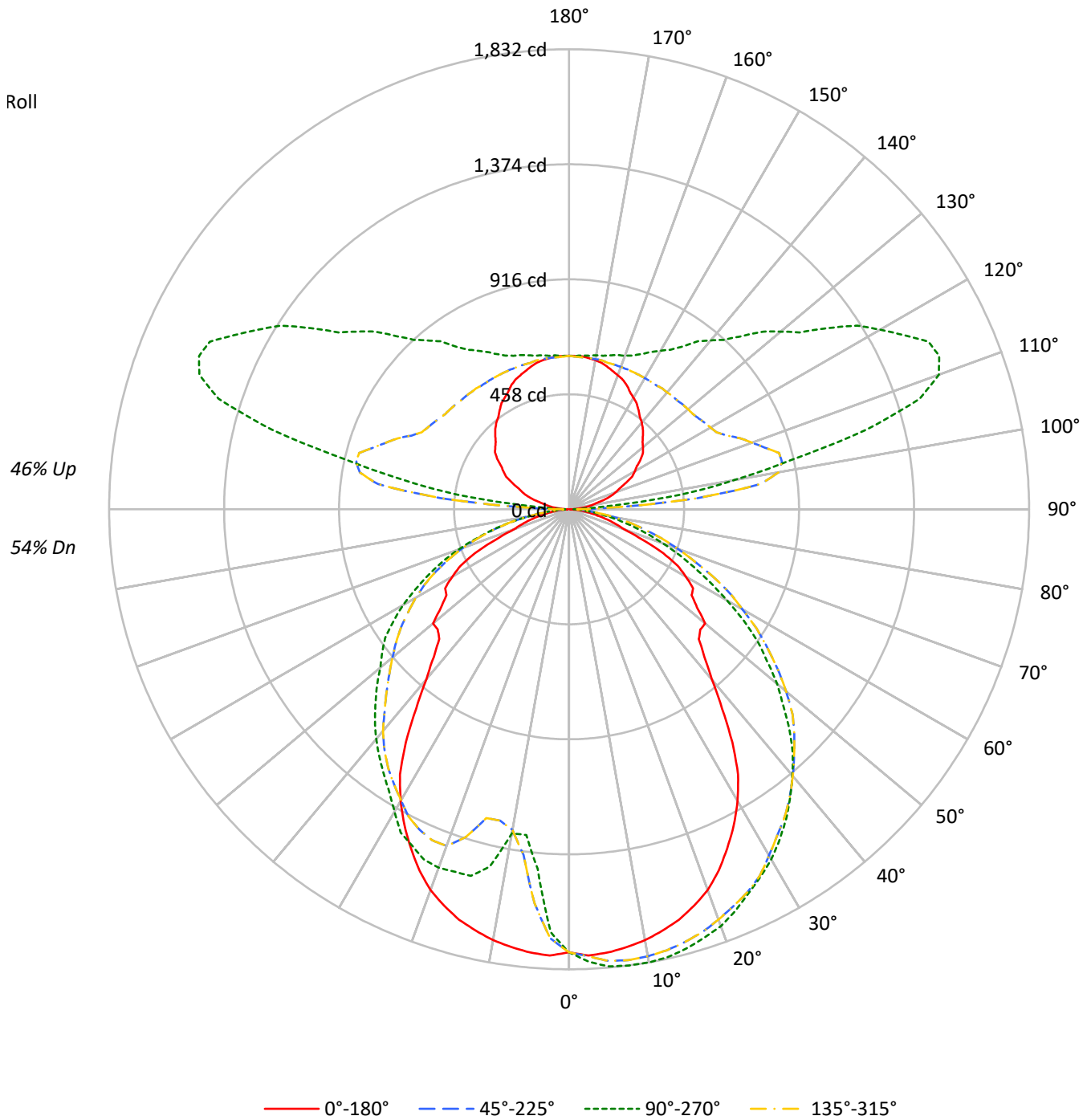
Test Method: LM-79-2019  
Report Number: P935383  
REPORT IS A COMBINATION OF REPORTS P933750 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-4-3000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8536.8 lumens  
Efficiency: N/A  
Efficacy: 124.1 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

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CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-4-3000K

### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	108	108	108	108	100	100	100	100	85	85	85	72	72	72	59	59	59	54			54
1	99	94	90	87	91	88	84	81	75	73	70	63	62	60	53	51	50	45			45
2	90	82	76	71	83	77	71	67	66	62	58	56	53	50	46	44	42	38			38
3	82	72	65	59	76	67	61	56	58	53	49	49	46	42	41	38	36	32			32
4	75	64	56	50	69	60	53	47	51	46	42	44	40	36	37	34	31	28			28
5	69	57	49	43	64	53	46	41	46	40	36	39	35	31	33	30	27	24			24
6	63	51	43	37	59	48	41	35	41	36	31	35	31	28	30	26	24	21			21
7	59	46	38	33	54	43	36	31	38	32	28	32	28	24	27	24	21	19			19
8	54	42	34	29	50	39	32	27	34	29	24	29	25	22	25	22	19	17			17
9	51	38	31	26	47	36	29	24	31	26	22	27	23	19	23	20	17	15			15
10	47	35	28	23	44	33	26	22	29	23	20	25	21	18	21	18	15	13			13

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

	0°	90°	180°	270°
0°	16367	16367	16367	16367
5°	16470	16521	16470	12991
10°	16343	16274	16343	11635
15°	16146	15922	16146	13294
20°	15790	15504	15790	13322
25°	15080	14894	15080	13040
30°	14170	14388	14170	12421
35°	12614	13749	12614	11739
40°	10492	12996	10492	11224
45°	9356	12115	9356	10632
50°	9918	11062	9918	10039
55°	9305	9930	9305	9695
60°	9558	8434	9558	8879
65°	8623	6973	8623	7793
70°	5930	5556	5930	6531
75°	5145	4107	5145	4918
80°	4062	2716	4062	2956
85°	2211	1439	2211	1222

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 14369 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	159.2	1.9
10°-20°	452.0	5.3
20°-30°	698.8	8.2
30°-40°	834.2	9.8
40°-50°	839.1	9.8
50°-60°	730.1	8.6
60°-70°	517.6	6.1
70°-80°	273.9	3.2
80°-90°	70.5	0.8
90°-100°	297.9	3.5
100°-110°	783.1	9.2
110°-120°	812.0	9.5
120°-130°	651.3	7.6
130°-140°	511.1	6.0
140°-150°	392.3	4.6
150°-160°	282.5	3.3
160°-170°	172.8	2.0
170°-180°	58.4	0.7
0°-30°	1310.0	15.3
0°-40°	2144.2	25.1
0°-60°	3713.3	43.5
0°-90°	4575.4	53.6
90°-120°	1893.0	22.2
90°-150°	3447.6	40.4
90°-180°	3961.0	46.4
0°-180°	8536.8	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1764	1764	1764	1764	1764	
5°	1772	1827	1772	1437	1772	168
15°	1692	1810	1692	1512	1692	476
25°	1490	1689	1490	1478	1490	684
35°	1133	1507	1133	1286	1133	701
45°	731	1242	731	1090	731	585
55°	596	916	596	894	596	547
65°	414	552	414	617	414	395
75°	157	262	157	314	157	165
85°	27	67	27	57	27	36
90°	4	16	4	16	4	5
95°	39	180	39	180	39	44
105°	141	1226	141	1226	141	150
115°	250	1579	250	1579	250	247
125°	349	1257	349	1257	349	309
135°	416	976	416	976	416	321
145°	482	792	482	792	482	302
155°	545	682	545	682	545	250
165°	588	635	588	635	588	166
175°	611	615	611	615	611	58
180°	611	611	611	611	611	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8
2.5°	1778.7	1778.7	1788.8	1792.2	1792.2	1787.1	1782.1	1787.1	1802.1	1807.1	1805.5
5°	1772.0	1785.4	1803.8	1807.1	1810.5	1808.8	1805.5	1808.8	1825.5	1828.8	1830.5
7.5°	1758.7	1783.8	1807.1	1812.2	1817.1	1812.2	1810.5	1813.8	1830.5	1833.9	1833.9
10°	1742.1	1777.1	1803.8	1807.1	1812.2	1807.1	1807.1	1813.8	1830.5	1833.9	1835.5
12.5°	1718.7	1767.1	1792.2	1795.4	1802.1	1800.4	1798.8	1805.5	1822.1	1825.5	1825.5
15°	1692.0	1748.8	1772.0	1775.4	1787.1	1783.8	1783.8	1790.5	1808.8	1813.8	1812.2
17.5°	1655.3	1725.4	1752.0	1757.1	1765.4	1763.8	1765.4	1772.0	1788.8	1792.2	1793.7
20°	1613.6	1693.7	1725.4	1730.3	1738.7	1738.7	1738.7	1747.1	1763.8	1770.5	1770.5
22.5°	1556.8	1660.3	1693.7	1697.0	1707.0	1707.0	1710.3	1722.0	1737.0	1738.7	1738.7
25°	1490.0	1623.5	1651.9	1662.0	1672.0	1677.0	1682.0	1688.6	1693.7	1692.0	1693.7
27.5°	1420.0	1576.8	1613.6	1620.2	1633.6	1638.6	1645.2	1646.9	1648.6	1653.6	1650.3
30°	1341.6	1511.7	1566.9	1573.6	1595.2	1598.5	1591.9	1595.2	1603.5	1606.9	1610.2
32.5°	1253.1	1415.0	1518.4	1533.4	1553.5	1543.5	1541.8	1546.8	1560.1	1560.1	1563.5
35°	1133.0	1339.9	1473.4	1486.8	1501.8	1490.0	1496.7	1498.4	1506.8	1511.7	1510.2
37.5°	1001.2	1274.8	1426.6	1436.7	1448.3	1433.3	1443.4	1448.3	1455.0	1451.7	1451.7
40°	884.3	1173.0	1371.6	1378.3	1388.3	1376.7	1386.6	1390.0	1393.3	1390.0	1388.3
42.5°	797.6	1061.2	1313.3	1321.5	1314.8	1323.2	1326.6	1333.3	1328.2	1321.5	1321.5
45°	730.8	1031.3	1249.8	1259.8	1249.8	1263.2	1268.2	1268.2	1253.1	1249.8	1248.2
47.5°	709.1	971.1	1186.4	1186.4	1181.4	1198.1	1206.4	1194.7	1179.7	1174.7	1174.7
50°	707.5	904.4	1099.6	1093.0	1116.3	1136.4	1128.0	1116.3	1104.6	1086.3	1086.3
52.5°	642.4	822.6	987.9	1012.8	1049.6	1061.2	1047.9	1036.2	1016.2	1007.9	1001.2
55°	595.7	737.5	886.0	936.1	974.5	989.5	964.5	952.8	922.8	917.8	914.4
57.5°	585.7	614.1	792.6	856.0	902.7	901.1	886.0	864.3	839.3	834.4	832.7
60°	537.3	443.9	692.5	767.6	815.9	811.0	797.6	777.6	754.2	750.8	747.6
62.5°	487.3	322.0	579.0	664.1	732.5	730.8	719.2	689.1	672.5	664.1	657.5
65°	413.8	270.4	412.1	552.4	650.8	654.1	629.1	607.4	589.0	579.0	577.3
67.5°	315.3	220.3	278.6	460.6	572.4	569.0	537.3	527.3	503.9	498.9	489.0
70°	233.6	146.8	193.6	373.8	495.6	487.3	462.2	450.5	428.8	417.2	410.5
72.5°	193.6	118.5	141.8	290.4	417.2	407.1	385.4	372.1	353.8	343.7	337.0
75°	156.9	125.1	108.5	215.2	338.7	332.1	312.1	298.7	283.7	270.4	271.9
77.5°	115.2	116.8	86.8	158.5	268.7	258.6	247.0	230.2	223.6	210.2	210.2
80°	86.8	91.8	65.1	108.5	193.6	193.6	183.6	171.9	160.2	153.5	153.5
82.5°	58.4	58.4	48.4	68.4	131.8	126.8	120.1	116.8	110.1	106.8	106.8
85°	26.7	33.3	30.1	41.7	71.8	75.1	75.1	71.8	70.1	66.8	68.4
87.5°	8.4	15.0	18.3	23.4	36.7	38.4	40.0	40.0	40.0	41.7	41.7
90°	4.1	7.4	10.6	11.4	18.0	26.8	31.2	27.7	20.8	15.6	15.6
92.5°	16.4	44.3	72.2	79.2	111.3	154.1	175.5	153.8	110.4	77.9	74.8
95°	39.3	90.4	141.5	154.2	273.8	433.2	513.0	457.8	347.4	264.5	255.2
97.5°	68.0	113.1	158.2	169.4	368.9	634.8	767.7	732.8	663.0	610.6	592.8
100°	90.2	131.0	171.9	182.1	403.5	698.6	846.1	848.7	853.7	857.5	836.2
102.5°	109.1	147.2	185.3	194.8	419.3	718.6	868.3	912.7	1001.7	1068.3	1050.1
105°	141.1	173.3	205.6	213.7	431.1	720.9	865.8	965.5	1164.9	1314.4	1304.7
107.5°	173.9	204.0	234.1	241.6	433.2	688.7	816.5	955.6	1233.8	1442.4	1444.8
110°	196.0	223.2	250.3	257.1	429.9	660.3	775.5	931.0	1242.0	1475.2	1485.4



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	217.8	243.6	269.5	276.0	430.1	635.5	738.2	897.4	1215.5	1454.3	1469.9
115°	250.5	274.4	298.3	304.3	434.0	607.1	693.6	846.9	1153.4	1383.4	1405.0
117.5°	283.0	304.7	326.4	331.8	442.1	589.2	662.8	801.1	1077.8	1285.3	1309.4
120°	301.8	322.2	342.6	347.8	448.6	583.2	650.5	776.9	1029.7	1219.3	1242.8
122.5°	320.4	341.0	361.6	366.7	458.1	580.1	641.0	754.8	982.5	1153.2	1176.3
125°	348.6	367.4	386.1	390.9	470.8	577.4	630.7	727.5	920.8	1065.9	1087.2
127.5°	371.5	390.5	409.5	414.2	483.5	575.9	622.2	705.2	871.2	995.8	1013.7
130°	383.8	404.3	424.7	429.8	492.8	576.9	618.9	692.9	840.7	951.5	968.1
132.5°	396.6	417.0	437.4	442.5	500.3	577.4	616.0	682.1	814.4	913.7	928.6
135°	415.5	434.0	452.7	457.3	508.6	576.9	611.1	666.5	777.3	860.4	873.2
137.5°	434.7	453.2	471.5	476.1	520.8	580.5	610.2	657.1	750.7	821.0	831.5
140°	450.7	467.7	484.6	488.9	528.4	581.0	607.4	647.8	728.8	789.5	799.3
142.5°	463.0	478.7	494.4	498.3	534.7	583.1	607.4	642.9	714.0	767.3	775.8
145°	481.9	495.6	509.2	512.6	542.9	583.2	603.3	632.4	690.5	734.1	740.5
147.5°	500.8	514.1	527.3	530.7	554.9	587.2	603.3	626.2	672.0	706.3	711.6
150°	513.0	525.0	537.1	540.1	561.2	589.3	603.3	622.7	661.2	690.2	694.4
152.5°	525.7	534.8	544.0	546.2	565.3	590.6	603.3	619.8	652.7	677.5	680.7
155°	544.7	551.4	558.2	559.9	574.3	593.7	603.3	616.4	642.7	662.3	664.5
157.5°	558.6	565.2	571.7	573.4	583.3	596.6	603.3	613.5	633.9	649.2	650.7
160°	568.0	573.2	578.2	579.5	587.5	598.0	603.3	612.1	629.6	642.7	643.6
162.5°	577.4	581.2	585.1	586.1	591.8	599.5	603.3	610.7	625.4	636.5	637.3
165°	587.7	591.1	594.6	595.4	598.1	601.6	603.3	608.7	619.2	627.1	628.0
167.5°	597.1	598.8	600.5	600.9	603.0	605.9	607.4	610.8	617.7	623.0	623.3
170°	603.3	604.9	606.6	607.0	607.1	607.3	607.4	610.8	617.7	623.0	623.0
172.5°	606.6	607.0	607.3	607.4	607.4	607.4	607.4	610.1	615.6	619.7	619.4
175°	611.1	611.1	611.1	611.1	609.8	608.2	607.4	609.2	612.6	615.2	615.2
177.5°	611.1	611.1	611.1	611.1	610.1	608.9	608.2	609.5	612.3	614.4	614.0
180°	611.1	611.1	611.1	611.1	611.1	611.1	611.1	611.1	611.1	611.1	611.1



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8
2.5°	1808.8	1803.8	1808.8	1805.5	1807.1	1802.1	1787.1	1782.1	1787.1	1792.2	1792.2
5°	1830.5	1827.2	1830.5	1830.5	1828.8	1825.5	1808.8	1805.5	1808.8	1810.5	1807.1
7.5°	1837.1	1832.2	1837.1	1833.9	1833.9	1830.5	1813.8	1810.5	1812.2	1817.1	1812.2
10°	1837.1	1832.2	1837.1	1835.5	1833.9	1830.5	1813.8	1807.1	1807.1	1812.2	1807.1
12.5°	1828.8	1825.5	1828.8	1825.5	1825.5	1822.1	1805.5	1798.8	1800.4	1802.1	1795.4
15°	1815.4	1810.5	1815.4	1812.2	1813.8	1808.8	1790.5	1783.8	1783.8	1787.1	1775.4
17.5°	1795.4	1788.8	1795.4	1793.7	1792.2	1788.8	1772.0	1765.4	1763.8	1765.4	1757.1
20°	1772.0	1767.1	1772.0	1770.5	1770.5	1763.8	1747.1	1738.7	1738.7	1738.7	1730.3
22.5°	1735.4	1730.3	1735.4	1738.7	1738.7	1737.0	1722.0	1710.3	1707.0	1707.0	1697.0
25°	1693.7	1688.6	1693.7	1693.7	1692.0	1693.7	1688.6	1682.0	1677.0	1672.0	1662.0
27.5°	1653.6	1650.3	1653.6	1650.3	1653.6	1648.6	1646.9	1645.2	1638.6	1633.6	1620.2
30°	1613.6	1610.2	1613.6	1610.2	1606.9	1603.5	1595.2	1591.9	1598.5	1595.2	1573.6
32.5°	1563.5	1560.1	1563.5	1563.5	1560.1	1560.1	1546.8	1541.8	1543.5	1553.5	1533.4
35°	1511.7	1506.8	1511.7	1510.2	1511.7	1506.8	1498.4	1496.7	1490.0	1501.8	1486.8
37.5°	1451.7	1446.7	1451.7	1451.7	1451.7	1455.0	1448.3	1443.4	1433.3	1448.3	1436.7
40°	1390.0	1383.3	1390.0	1388.3	1390.0	1393.3	1390.0	1386.6	1376.7	1388.3	1378.3
42.5°	1319.9	1318.2	1319.9	1321.5	1321.5	1328.2	1333.3	1326.6	1323.2	1314.8	1321.5
45°	1244.8	1241.5	1244.8	1248.2	1249.8	1253.1	1268.2	1268.2	1263.2	1249.8	1259.8
47.5°	1164.7	1156.4	1164.7	1174.7	1174.7	1179.7	1194.7	1206.4	1198.1	1181.4	1186.4
50°	1079.6	1081.2	1079.6	1086.3	1086.3	1104.6	1116.3	1128.0	1136.4	1116.3	1093.0
52.5°	996.2	994.5	996.2	1001.2	1007.9	1016.2	1036.2	1047.9	1061.2	1049.6	1012.8
55°	912.7	916.1	912.7	914.4	917.8	922.8	952.8	964.5	989.5	974.5	936.1
57.5°	829.3	824.3	829.3	832.7	834.4	839.3	864.3	886.0	901.1	902.7	856.0
60°	732.5	725.9	732.5	747.6	750.8	754.2	777.6	797.6	811.0	815.9	767.6
62.5°	647.4	635.8	647.4	657.5	664.1	672.5	689.1	719.2	730.8	732.5	664.1
65°	557.3	552.4	557.3	577.3	579.0	589.0	607.4	629.1	654.1	650.8	552.4
67.5°	475.5	475.5	475.5	489.0	498.9	503.9	527.3	537.3	569.0	572.4	460.6
70°	400.5	398.8	400.5	410.5	417.2	428.8	450.5	462.2	487.3	495.6	373.8
72.5°	328.7	327.1	328.7	337.0	343.7	353.8	372.1	385.4	407.1	417.2	290.4
75°	265.3	262.0	265.3	271.9	270.4	283.7	298.7	312.1	332.1	338.7	215.2
77.5°	203.6	203.6	203.6	210.2	210.2	223.6	230.2	247.0	258.6	268.7	158.5
80°	151.8	150.2	151.8	153.5	153.5	160.2	171.9	183.6	193.6	193.6	108.5
82.5°	106.8	103.4	106.8	106.8	106.8	110.1	116.8	120.1	126.8	131.8	68.4
85°	66.8	66.8	66.8	68.4	66.8	70.1	71.8	75.1	75.1	71.8	41.7
87.5°	43.4	41.7	43.4	41.7	41.7	40.0	40.0	40.0	38.4	36.7	23.4
90°	15.6	15.6	15.6	15.6	15.6	20.8	27.7	31.2	26.8	18.0	11.4
92.5°	62.4	50.0	62.4	74.8	77.9	110.4	153.8	175.5	154.1	111.3	79.2
95°	217.6	180.0	217.6	255.2	264.5	347.4	457.8	513.0	433.2	273.8	154.2
97.5°	521.3	449.9	521.3	592.8	610.6	663.0	732.8	767.7	634.8	368.9	169.4
100°	751.1	666.0	751.1	836.2	857.5	853.7	848.7	846.1	698.6	403.5	182.1
102.5°	977.2	904.4	977.2	1050.1	1068.3	1001.7	912.7	868.3	718.6	419.3	194.8
105°	1265.4	1226.3	1265.4	1304.7	1314.4	1164.9	965.5	865.8	720.9	431.1	213.7
107.5°	1454.3	1463.7	1454.3	1444.8	1442.4	1233.8	955.6	816.5	688.7	433.2	241.6
110°	1526.2	1567.0	1526.2	1485.4	1475.2	1242.0	931.0	775.5	660.3	429.9	257.1





TEST NUMBER: P935383

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-4-3000K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1532.6	1595.3	1532.6	1469.9	1454.3	1215.5	897.4	738.2	635.5	430.1	276.0
115°	1492.0	1579.0	1492.0	1405.0	1383.4	1153.4	846.9	693.6	607.1	434.0	304.3
117.5°	1405.8	1502.3	1405.8	1309.4	1285.3	1077.8	801.1	662.8	589.2	442.1	331.8
120°	1336.4	1430.1	1336.4	1242.8	1219.3	1029.7	776.9	650.5	583.2	448.6	347.8
122.5°	1268.8	1361.2	1268.8	1176.3	1153.2	982.5	754.8	641.0	580.1	458.1	366.7
125°	1172.3	1257.4	1172.3	1087.2	1065.9	920.8	727.5	630.7	577.4	470.8	390.9
127.5°	1085.6	1157.4	1085.6	1013.7	995.8	871.2	705.2	622.2	575.9	483.5	414.2
130°	1034.4	1100.8	1034.4	968.1	951.5	840.7	692.9	618.9	576.9	492.8	429.8
132.5°	988.0	1047.4	988.0	928.6	913.7	814.4	682.1	616.0	577.4	500.3	442.5
135°	924.4	975.6	924.4	873.2	860.4	777.3	666.5	611.1	576.9	508.6	457.3
137.5°	873.5	915.4	873.5	831.5	821.0	750.7	657.1	610.2	580.5	520.8	476.1
140°	838.5	877.6	838.5	799.3	789.5	728.8	647.8	607.4	581.0	528.4	488.9
142.5°	809.5	843.2	809.5	775.8	767.3	714.0	642.9	607.4	583.1	534.7	498.3
145°	766.0	791.6	766.0	740.5	734.1	690.5	632.4	603.3	583.2	542.9	512.6
147.5°	732.7	753.8	732.7	711.6	706.3	672.0	626.2	603.3	587.2	554.9	530.7
150°	711.6	728.8	711.6	694.4	690.2	661.2	622.7	603.3	589.3	561.2	540.1
152.5°	693.7	706.7	693.7	680.7	677.5	652.7	619.8	603.3	590.6	565.3	546.2
155°	673.0	681.6	673.0	664.5	662.3	642.7	616.4	603.3	593.7	574.3	559.9
157.5°	656.8	662.8	656.8	650.7	649.2	633.9	613.5	603.3	596.6	583.3	573.4
160°	647.0	650.5	647.0	643.6	642.7	629.6	612.1	603.3	598.0	587.5	579.5
162.5°	640.6	643.9	640.6	637.3	636.5	625.4	610.7	603.3	599.5	591.8	586.1
165°	631.4	634.9	631.4	628.0	627.1	619.2	608.7	603.3	601.6	598.1	595.4
167.5°	624.7	626.2	624.7	623.3	623.0	617.7	610.8	607.4	605.9	603.0	600.9
170°	623.0	623.0	623.0	623.0	623.0	617.7	610.8	607.4	607.3	607.1	607.0
172.5°	618.1	616.8	618.1	619.4	619.7	615.6	610.1	607.4	607.4	607.4	607.4
175°	615.2	615.2	615.2	615.2	615.2	612.6	609.2	607.4	608.2	609.8	611.1
177.5°	612.6	611.1	612.6	614.0	614.4	612.3	609.5	608.2	608.9	610.1	611.1
180°	611.1	611.1	611.1	611.1	611.1	611.1	611.1	611.1	611.1	611.1	611.1



TEST NUMBER: P935383

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-4-3000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8
2.5°	1788.8	1778.7	1778.7	1762.1	1755.4	1750.3	1742.1	1717.0	1710.3	1703.7	1713.7
5°	1803.8	1785.4	1772.0	1742.1	1717.0	1707.0	1675.3	1615.3	1575.2	1545.2	1528.5
7.5°	1807.1	1783.8	1758.7	1712.0	1651.9	1625.2	1528.5	1418.4	1388.3	1361.6	1344.9
10°	1803.8	1777.1	1742.1	1672.0	1530.2	1483.4	1386.6	1314.8	1296.5	1291.6	1296.5
12.5°	1792.2	1767.1	1718.7	1601.9	1403.3	1371.6	1314.8	1273.1	1269.9	1278.2	1323.2
15°	1772.0	1748.8	1692.0	1508.5	1333.3	1309.9	1269.9	1254.8	1273.1	1331.6	1466.8
17.5°	1752.0	1725.4	1655.3	1416.7	1279.8	1263.2	1234.8	1264.8	1368.3	1446.7	1491.7
20°	1725.4	1693.7	1613.6	1349.9	1241.5	1226.5	1213.1	1348.3	1426.6	1455.0	1480.1
22.5°	1693.7	1660.3	1556.8	1303.2	1201.4	1189.7	1198.1	1395.0	1426.6	1446.7	1468.4
25°	1651.9	1623.5	1490.0	1266.5	1169.7	1156.4	1188.0	1390.0	1408.3	1413.3	1456.7
27.5°	1613.6	1576.8	1420.0	1233.1	1131.3	1126.3	1196.4	1368.3	1381.6	1386.6	1433.3
30°	1566.9	1511.7	1341.6	1198.1	1091.3	1089.6	1198.1	1341.6	1338.2	1351.6	1398.3
32.5°	1518.4	1415.0	1253.1	1154.7	1052.9	1051.3	1186.4	1301.5	1298.2	1316.5	1351.6
35°	1473.4	1339.9	1133.0	1104.6	1004.5	1006.2	1158.1	1254.8	1256.5	1273.1	1294.8
37.5°	1426.6	1274.8	1001.2	1049.6	957.8	957.8	1119.6	1211.4	1208.0	1213.1	1243.1
40°	1371.6	1173.0	884.3	977.8	914.4	909.4	1073.0	1164.7	1153.0	1151.4	1193.1
42.5°	1313.3	1061.2	797.6	882.7	864.3	857.7	1016.2	1108.0	1086.3	1091.3	1144.6
45°	1249.8	1031.3	730.8	745.9	812.7	807.6	954.4	1042.9	1027.9	1041.2	1096.3
47.5°	1186.4	971.1	709.1	619.1	757.5	755.9	886.0	979.5	971.1	984.5	1042.9
50°	1099.6	904.4	707.5	530.7	695.8	702.5	804.3	917.8	917.8	929.4	991.1
52.5°	987.9	822.6	642.4	480.6	624.0	644.1	732.5	864.3	867.7	879.4	934.4
55°	886.0	737.5	595.7	442.2	538.9	582.3	662.5	809.3	815.9	827.6	877.7
57.5°	792.6	614.1	585.7	397.2	460.6	502.3	600.7	755.9	759.2	769.3	817.6
60°	692.5	443.9	537.3	348.7	392.1	423.8	544.0	692.5	704.2	710.8	752.5
62.5°	579.0	322.0	487.3	315.3	358.7	365.4	497.2	632.4	647.4	652.4	677.5
65°	412.1	270.4	413.8	287.0	323.7	325.4	447.2	570.7	584.0	592.4	610.7
67.5°	278.6	220.3	315.3	260.3	297.0	298.7	398.8	498.9	517.3	524.0	535.6
70°	193.6	146.8	233.6	231.9	267.0	270.4	347.1	433.8	450.5	455.5	462.2
72.5°	141.8	118.5	193.6	208.5	235.3	238.6	293.6	360.4	377.1	382.1	385.4
75°	108.5	125.1	156.9	181.9	200.3	201.9	240.3	293.6	305.4	308.7	310.4
77.5°	86.8	116.8	115.2	146.8	163.5	160.2	188.5	227.0	236.9	236.9	236.9
80°	65.1	91.8	86.8	105.1	120.1	116.8	135.2	161.9	165.2	168.5	166.8
82.5°	48.4	58.4	58.4	66.8	80.1	76.7	90.1	105.1	105.1	105.1	108.5
85°	30.1	33.3	26.7	35.0	45.1	43.4	50.1	56.7	58.4	58.4	55.0
87.5°	18.3	15.0	8.4	13.3	20.0	20.0	23.4	25.0	23.4	23.4	23.4
90°	10.6	7.4	4.1	7.4	10.6	11.4	18.0	26.8	31.2	27.7	20.8
92.5°	72.2	44.3	16.4	44.3	72.2	79.2	111.3	154.1	175.5	153.8	110.4
95°	141.5	90.4	39.3	90.4	141.5	154.2	273.8	433.2	513.0	457.8	347.4
97.5°	158.2	113.1	68.0	113.1	158.2	169.4	368.9	634.8	767.7	732.8	663.0
100°	171.9	131.0	90.2	131.0	171.9	182.1	403.5	698.6	846.1	848.7	853.7
102.5°	185.3	147.2	109.1	147.2	185.3	194.8	419.3	718.6	868.3	912.7	1001.7
105°	205.6	173.3	141.1	173.3	205.6	213.7	431.1	720.9	865.8	965.5	1164.9
107.5°	234.1	204.0	173.9	204.0	234.1	241.6	433.2	688.7	816.5	955.6	1233.8
110°	250.3	223.2	196.0	223.2	250.3	257.1	429.9	660.3	775.5	931.0	1242.0



TEST NUMBER: P935383

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-4-3000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	269.5	243.6	217.8	243.6	269.5	276.0	430.1	635.5	738.2	897.4	1215.5
115°	298.3	274.4	250.5	274.4	298.3	304.3	434.0	607.1	693.6	846.9	1153.4
117.5°	326.4	304.7	283.0	304.7	326.4	331.8	442.1	589.2	662.8	801.1	1077.8
120°	342.6	322.2	301.8	322.2	342.6	347.8	448.6	583.2	650.5	776.9	1029.7
122.5°	361.6	341.0	320.4	341.0	361.6	366.7	458.1	580.1	641.0	754.8	982.5
125°	386.1	367.4	348.6	367.4	386.1	390.9	470.8	577.4	630.7	727.5	920.8
127.5°	409.5	390.5	371.5	390.5	409.5	414.2	483.5	575.9	622.2	705.2	871.2
130°	424.7	404.3	383.8	404.3	424.7	429.8	492.8	576.9	618.9	692.9	840.7
132.5°	437.4	417.0	396.6	417.0	437.4	442.5	500.3	577.4	616.0	682.1	814.4
135°	452.7	434.0	415.5	434.0	452.7	457.3	508.6	576.9	611.1	666.5	777.3
137.5°	471.5	453.2	434.7	453.2	471.5	476.1	520.8	580.5	610.2	657.1	750.7
140°	484.6	467.7	450.7	467.7	484.6	488.9	528.4	581.0	607.4	647.8	728.8
142.5°	494.4	478.7	463.0	478.7	494.4	498.3	534.7	583.1	607.4	642.9	714.0
145°	509.2	495.6	481.9	495.6	509.2	512.6	542.9	583.2	603.3	632.4	690.5
147.5°	527.3	514.1	500.8	514.1	527.3	530.7	554.9	587.2	603.3	626.2	672.0
150°	537.1	525.0	513.0	525.0	537.1	540.1	561.2	589.3	603.3	622.7	661.2
152.5°	544.0	534.8	525.7	534.8	544.0	546.2	565.3	590.6	603.3	619.8	652.7
155°	558.2	551.4	544.7	551.4	558.2	559.9	574.3	593.7	603.3	616.4	642.7
157.5°	571.7	565.2	558.6	565.2	571.7	573.4	583.3	596.6	603.3	613.5	633.9
160°	578.2	573.2	568.0	573.2	578.2	579.5	587.5	598.0	603.3	612.1	629.6
162.5°	585.1	581.2	577.4	581.2	585.1	586.1	591.8	599.5	603.3	610.7	625.4
165°	594.6	591.1	587.7	591.1	594.6	595.4	598.1	601.6	603.3	608.7	619.2
167.5°	600.5	598.8	597.1	598.8	600.5	600.9	603.0	605.9	607.4	610.8	617.7
170°	606.6	604.9	603.3	604.9	606.6	607.0	607.1	607.3	607.4	610.8	617.7
172.5°	607.3	607.0	606.6	607.0	607.3	607.4	607.4	607.4	607.4	610.1	615.6
175°	611.1	611.1	611.1	611.1	611.1	611.1	609.8	608.2	607.4	609.2	612.6
177.5°	611.1	611.1	611.1	611.1	611.1	611.1	610.1	608.9	608.2	609.5	612.3
180°	611.1	611.1	611.1	611.1	611.1	611.1	611.1	611.1	611.1	611.1	611.1



TEST NUMBER: P935383

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-4-3000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8
2.5°	1702.0	1697.0	1703.7	1685.3	1703.7	1697.0	1702.0	1713.7	1703.7	1710.3	1717.0
5°	1493.4	1485.1	1458.4	1436.7	1458.4	1485.1	1493.4	1528.5	1545.2	1575.2	1615.3
7.5°	1334.9	1328.2	1321.5	1308.2	1321.5	1328.2	1334.9	1344.9	1361.6	1388.3	1418.4
10°	1299.8	1301.5	1311.6	1309.9	1311.6	1301.5	1299.8	1296.5	1291.6	1296.5	1314.8
12.5°	1390.0	1405.0	1460.1	1456.7	1460.1	1405.0	1390.0	1323.2	1278.2	1269.9	1273.1
15°	1493.4	1498.4	1510.2	1511.7	1510.2	1498.4	1493.4	1466.8	1331.6	1273.1	1254.8
17.5°	1503.5	1505.1	1513.4	1513.4	1513.4	1505.1	1503.5	1491.7	1446.7	1368.3	1264.8
20°	1495.1	1498.4	1515.1	1518.4	1515.1	1498.4	1495.1	1480.1	1455.0	1426.6	1348.3
22.5°	1491.7	1498.4	1511.7	1510.2	1511.7	1498.4	1491.7	1468.4	1446.7	1426.6	1395.0
25°	1475.1	1475.1	1476.7	1478.4	1476.7	1475.1	1475.1	1456.7	1413.3	1408.3	1390.0
27.5°	1440.1	1443.4	1453.4	1451.7	1453.4	1443.4	1440.1	1433.3	1386.6	1381.6	1368.3
30°	1408.3	1405.0	1396.7	1390.0	1396.7	1405.0	1408.3	1398.3	1351.6	1338.2	1341.6
32.5°	1355.0	1346.6	1338.2	1333.3	1338.2	1346.6	1355.0	1351.6	1316.5	1298.2	1301.5
35°	1291.6	1293.1	1291.6	1286.5	1291.6	1293.1	1291.6	1294.8	1273.1	1256.5	1254.8
37.5°	1246.5	1249.8	1248.2	1241.5	1248.2	1249.8	1246.5	1243.1	1213.1	1208.0	1211.4
40°	1199.8	1201.4	1199.8	1194.7	1199.8	1201.4	1199.8	1193.1	1151.4	1153.0	1164.7
42.5°	1154.7	1153.0	1148.0	1144.6	1148.0	1153.0	1154.7	1144.6	1091.3	1086.3	1108.0
45°	1102.9	1104.6	1094.7	1089.6	1094.7	1104.6	1102.9	1096.3	1041.2	1027.9	1042.9
47.5°	1051.3	1051.3	1042.9	1037.9	1042.9	1051.3	1051.3	1042.9	984.5	971.1	979.5
50°	996.2	994.5	982.8	981.2	982.8	994.5	996.2	991.1	929.4	917.8	917.8
52.5°	932.8	932.8	934.4	937.8	934.4	932.8	932.8	934.4	879.4	867.7	864.3
55°	877.7	879.4	891.0	894.4	891.0	879.4	877.7	877.7	827.6	815.9	809.3
57.5°	820.9	820.9	829.3	829.3	829.3	820.9	820.9	817.6	769.3	759.2	755.9
60°	755.9	759.2	765.9	764.2	765.9	759.2	755.9	752.5	710.8	704.2	692.5
62.5°	687.4	690.8	692.5	689.1	692.5	690.8	687.4	677.5	652.4	647.4	632.4
65°	615.8	619.1	620.7	617.4	620.7	619.1	615.8	610.7	592.4	584.0	570.7
67.5°	542.3	540.6	538.9	545.7	538.9	540.6	542.3	535.6	524.0	517.3	498.9
70°	467.2	467.2	465.6	468.8	465.6	467.2	467.2	462.2	455.5	450.5	433.8
72.5°	387.1	385.4	392.1	387.1	392.1	385.4	387.1	385.4	382.1	377.1	360.4
75°	308.7	312.1	308.7	313.7	308.7	312.1	308.7	310.4	308.7	305.4	293.6
77.5°	235.3	238.6	235.3	235.3	235.3	238.6	235.3	236.9	236.9	236.9	227.0
80°	166.8	165.2	165.2	163.5	165.2	165.2	166.8	166.8	168.5	165.2	161.9
82.5°	106.8	105.1	105.1	108.5	105.1	105.1	106.8	108.5	105.1	105.1	105.1
85°	58.4	60.0	56.7	56.7	56.7	60.0	58.4	55.0	58.4	58.4	56.7
87.5°	21.7	20.0	20.0	20.0	20.0	20.0	21.7	23.4	23.4	23.4	25.0
90°	15.6	15.6	15.6	15.6	15.6	15.6	15.6	20.8	27.7	31.2	26.8
92.5°	77.9	74.8	62.4	50.0	62.4	74.8	77.9	110.4	153.8	175.5	154.1
95°	264.5	255.2	217.6	180.0	217.6	255.2	264.5	347.4	457.8	513.0	433.2
97.5°	610.6	592.8	521.3	449.9	521.3	592.8	610.6	663.0	732.8	767.7	634.8
100°	857.5	836.2	751.1	666.0	751.1	836.2	857.5	853.7	848.7	846.1	698.6
102.5°	1068.3	1050.1	977.2	904.4	977.2	1050.1	1068.3	1001.7	912.7	868.3	718.6
105°	1314.4	1304.7	1265.4	1226.3	1265.4	1304.7	1314.4	1164.9	965.5	865.8	720.9
107.5°	1442.4	1444.8	1454.3	1463.7	1454.3	1444.8	1442.4	1233.8	955.6	816.5	688.7
110°	1475.2	1485.4	1526.2	1567.0	1526.2	1485.4	1475.2	1242.0	931.0	775.5	660.3



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1454.3	1469.9	1532.6	1595.3	1532.6	1469.9	1454.3	1215.5	897.4	738.2	635.5
115°	1383.4	1405.0	1492.0	1579.0	1492.0	1405.0	1383.4	1153.4	846.9	693.6	607.1
117.5°	1285.3	1309.4	1405.8	1502.3	1405.8	1309.4	1285.3	1077.8	801.1	662.8	589.2
120°	1219.3	1242.8	1336.4	1430.1	1336.4	1242.8	1219.3	1029.7	776.9	650.5	583.2
122.5°	1153.2	1176.3	1268.8	1361.2	1268.8	1176.3	1153.2	982.5	754.8	641.0	580.1
125°	1065.9	1087.2	1172.3	1257.4	1172.3	1087.2	1065.9	920.8	727.5	630.7	577.4
127.5°	995.8	1013.7	1085.6	1157.4	1085.6	1013.7	995.8	871.2	705.2	622.2	575.9
130°	951.5	968.1	1034.4	1100.8	1034.4	968.1	951.5	840.7	692.9	618.9	576.9
132.5°	913.7	928.6	988.0	1047.4	988.0	928.6	913.7	814.4	682.1	616.0	577.4
135°	860.4	873.2	924.4	975.6	924.4	873.2	860.4	777.3	666.5	611.1	576.9
137.5°	821.0	831.5	873.5	915.4	873.5	831.5	821.0	750.7	657.1	610.2	580.5
140°	789.5	799.3	838.5	877.6	838.5	799.3	789.5	728.8	647.8	607.4	581.0
142.5°	767.3	775.8	809.5	843.2	809.5	775.8	767.3	714.0	642.9	607.4	583.1
145°	734.1	740.5	766.0	791.6	766.0	740.5	734.1	690.5	632.4	603.3	583.2
147.5°	706.3	711.6	732.7	753.8	732.7	711.6	706.3	672.0	626.2	603.3	587.2
150°	690.2	694.4	711.6	728.8	711.6	694.4	690.2	661.2	622.7	603.3	589.3
152.5°	677.5	680.7	693.7	706.7	693.7	680.7	677.5	652.7	619.8	603.3	590.6
155°	662.3	664.5	673.0	681.6	673.0	664.5	662.3	642.7	616.4	603.3	593.7
157.5°	649.2	650.7	656.8	662.8	656.8	650.7	649.2	633.9	613.5	603.3	596.6
160°	642.7	643.6	647.0	650.5	647.0	643.6	642.7	629.6	612.1	603.3	598.0
162.5°	636.5	637.3	640.6	643.9	640.6	637.3	636.5	625.4	610.7	603.3	599.5
165°	627.1	628.0	631.4	634.9	631.4	628.0	627.1	619.2	608.7	603.3	601.6
167.5°	623.0	623.3	624.7	626.2	624.7	623.3	623.0	617.7	610.8	607.4	605.9
170°	623.0	623.0	623.0	623.0	623.0	623.0	623.0	617.7	610.8	607.4	607.3
172.5°	619.7	619.4	618.1	616.8	618.1	619.4	619.7	615.6	610.1	607.4	607.4
175°	615.2	615.2	615.2	615.2	615.2	615.2	615.2	612.6	609.2	607.4	608.2
177.5°	614.4	614.0	612.6	611.1	612.6	614.0	614.4	612.3	609.5	608.2	608.9
180°	611.1	611.1	611.1	611.1	611.1	611.1	611.1	611.1	611.1	611.1	611.1



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1763.8	1763.8	1763.8	1763.8	1763.8
2.5°	1742.1	1750.3	1755.4	1762.1	1778.7
5°	1675.3	1707.0	1717.0	1742.1	1772.0
7.5°	1528.5	1625.2	1651.9	1712.0	1758.7
10°	1386.6	1483.4	1530.2	1672.0	1742.1
12.5°	1314.8	1371.6	1403.3	1601.9	1718.7
15°	1269.9	1309.9	1333.3	1508.5	1692.0
17.5°	1234.8	1263.2	1279.8	1416.7	1655.3
20°	1213.1	1226.5	1241.5	1349.9	1613.6
22.5°	1198.1	1189.7	1201.4	1303.2	1556.8
25°	1188.0	1156.4	1169.7	1266.5	1490.0
27.5°	1196.4	1126.3	1131.3	1233.1	1420.0
30°	1198.1	1089.6	1091.3	1198.1	1341.6
32.5°	1186.4	1051.3	1052.9	1154.7	1253.1
35°	1158.1	1006.2	1004.5	1104.6	1133.0
37.5°	1119.6	957.8	957.8	1049.6	1001.2
40°	1073.0	909.4	914.4	977.8	884.3
42.5°	1016.2	857.7	864.3	882.7	797.6
45°	954.4	807.6	812.7	745.9	730.8
47.5°	886.0	755.9	757.5	619.1	709.1
50°	804.3	702.5	695.8	530.7	707.5
52.5°	732.5	644.1	624.0	480.6	642.4
55°	662.5	582.3	538.9	442.2	595.7
57.5°	600.7	502.3	460.6	397.2	585.7
60°	544.0	423.8	392.1	348.7	537.3
62.5°	497.2	365.4	358.7	315.3	487.3
65°	447.2	325.4	323.7	287.0	413.8
67.5°	398.8	298.7	297.0	260.3	315.3
70°	347.1	270.4	267.0	231.9	233.6
72.5°	293.6	238.6	235.3	208.5	193.6
75°	240.3	201.9	200.3	181.9	156.9
77.5°	188.5	160.2	163.5	146.8	115.2
80°	135.2	116.8	120.1	105.1	86.8
82.5°	90.1	76.7	80.1	66.8	58.4
85°	50.1	43.4	45.1	35.0	26.7
87.5°	23.4	20.0	20.0	13.3	8.4
90°	18.0	11.4	10.6	7.4	4.1
92.5°	111.3	79.2	72.2	44.3	16.4
95°	273.8	154.2	141.5	90.4	39.3
97.5°	368.9	169.4	158.2	113.1	68.0
100°	403.5	182.1	171.9	131.0	90.2
102.5°	419.3	194.8	185.3	147.2	109.1
105°	431.1	213.7	205.6	173.3	141.1
107.5°	433.2	241.6	234.1	204.0	173.9
110°	429.9	257.1	250.3	223.2	196.0



TEST NUMBER: P935383

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-4-3000K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	430.1	276.0	269.5	243.6	217.8
115°	434.0	304.3	298.3	274.4	250.5
117.5°	442.1	331.8	326.4	304.7	283.0
120°	448.6	347.8	342.6	322.2	301.8
122.5°	458.1	366.7	361.6	341.0	320.4
125°	470.8	390.9	386.1	367.4	348.6
127.5°	483.5	414.2	409.5	390.5	371.5
130°	492.8	429.8	424.7	404.3	383.8
132.5°	500.3	442.5	437.4	417.0	396.6
135°	508.6	457.3	452.7	434.0	415.5
137.5°	520.8	476.1	471.5	453.2	434.7
140°	528.4	488.9	484.6	467.7	450.7
142.5°	534.7	498.3	494.4	478.7	463.0
145°	542.9	512.6	509.2	495.6	481.9
147.5°	554.9	530.7	527.3	514.1	500.8
150°	561.2	540.1	537.1	525.0	513.0
152.5°	565.3	546.2	544.0	534.8	525.7
155°	574.3	559.9	558.2	551.4	544.7
157.5°	583.3	573.4	571.7	565.2	558.6
160°	587.5	579.5	578.2	573.2	568.0
162.5°	591.8	586.1	585.1	581.2	577.4
165°	598.1	595.4	594.6	591.1	587.7
167.5°	603.0	600.9	600.5	598.8	597.1
170°	607.1	607.0	606.6	604.9	603.3
172.5°	607.4	607.4	607.3	607.0	606.6
175°	609.8	611.1	611.1	611.1	611.1
177.5°	610.1	611.1	611.1	611.1	611.1
180°	611.1	611.1	611.1	611.1	611.1



TEST NUMBER: P935383  
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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	14.83	15.73	15.76	16.67	17.89	17.63	18.52	18.55	19.47	20.69
	3H	15.31	16.11	16.25	17.07	18.31	18.97	19.77	19.90	20.72	21.96
	4H	15.50	16.26	16.46	17.22	18.47	19.41	20.16	20.36	21.12	22.37
	6H	15.63	16.32	16.59	17.29	18.55	19.69	20.38	20.65	21.35	22.61
	8H	15.63	16.29	16.60	17.27	18.53	19.76	20.42	20.73	21.40	22.66
	12H	15.60	16.23	16.58	17.21	18.49	19.79	20.42	20.77	21.40	22.69
4H	2H	15.86	16.62	16.82	17.58	18.83	18.04	18.80	19.00	19.76	21.01
	3H	16.89	17.52	17.86	18.51	19.78	19.54	20.18	20.51	21.16	22.43
	4H	17.17	17.75	18.15	18.73	20.02	20.07	20.64	21.04	21.62	22.91
	6H	17.30	17.79	18.28	18.80	20.09	20.43	20.92	21.41	21.93	23.22
	8H	17.30	17.77	18.29	18.76	20.07	20.53	20.99	21.52	21.99	23.29
	12H	17.27	17.69	18.28	18.70	20.01	20.58	21.00	21.59	22.01	23.32
8H	4H	17.62	18.08	18.61	19.08	20.38	20.19	20.66	21.19	21.66	22.96
	6H	17.88	18.27	18.90	19.31	20.61	20.62	21.01	21.64	22.05	23.35
	8H	17.93	18.26	18.95	19.29	20.61	20.77	21.11	21.80	22.14	23.46
	12H	17.91	18.21	18.94	19.23	20.59	20.87	21.16	21.89	22.18	23.55
12H	4H	17.63	18.04	18.64	19.06	20.37	20.16	20.58	21.17	21.59	22.90
	6H	17.94	18.28	18.97	19.31	20.63	20.62	20.96	21.65	21.99	23.31
	8H	18.01	18.31	19.04	19.33	20.69	20.78	21.08	21.81	22.10	23.46