

# LICENCE

**No. 17565**

Issued to:  
Applicant:  
**R-Tech**  
**Rue de Mons, 3**  
**4000 LIEGE**  
**Belgium**

Licensee:  
**Schreder Group GIE**  
**Rue de Lusambo, 67**  
**B-1190 BRUXELLES**  
**Belgium**



Product : road, square and street lighting  
Trade name(s) : SCHREDER  
Type(s)/model(s) : PIANO-2

The product and any acceptable variation thereto is specified in the annex to this licence and the documents therein referred to.

SGS CEBEC hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard specified in annex
- an inspection of the production location
- a certification agreement with the number 1173

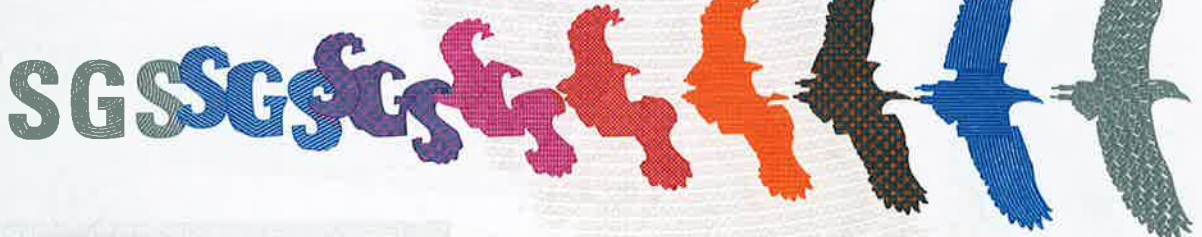
SGS CEBEC hereby grants the right to use the CEBEC certification mark

The ENEC/CEBEC certification mark may be applied to the product as specified in this licence for the duration of the ENEC/CEBEC certification agreement and under the conditions of the ENEC/CEBEC certification agreement.

This licence is issued on: 08/12/2011

ir. C. Lana,  
Certification Manager

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This certificate is only valid combined with the publication on the following web address: [www.sgs.com/ee](http://www.sgs.com/ee)



## **SPECIFICATION OF THE CERTIFIED PRODUCT**

### **Product data**

Product	:	road, square and street lighting
Trade name(s)	:	SCHREDER
Type(s)/Model(s)	:	PIANO-2
rated voltage (Un)	:	230 V
rated frequency	:	50 Hz
rated power	:	max. 123 W
class	:	class II
degree of protection	:	IP66
lamp(s)	:	max. 96 LED's
temperature limit (t max)	:	Ta 35°C

## **TESTS**

### **Test requirements**

EN 60598-1:2008 + A11:2009  
EN 60598-2-3:2003

### **Test results**

The test results are laid down in certification file 592151/02.

### **Remarks**

This certificate is based on test report No. S1109 (SMT).

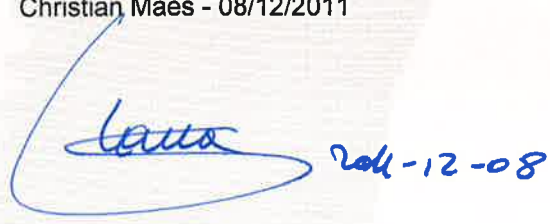
**Conclusion**

The examination proved that all test requirements were met.

Checked by, project leader : Christian Maes - 08/12/2011

Department Manager,  
Product Certification :

Certification Manager :

A handwritten signature in blue ink, which appears to be 'Christian Maes', is written over the 'Department Manager' and 'Certification Manager' lines. To the right of the signature, the date '2011-12-08' is handwritten in blue ink.

**List of components**

Component	Trade name	Type/model	Rating	Standard	Approval mark 1
Led driver	AEG	AS 12 52 AA	230 V/ 3x 120 V - 350 mA, Tc 80	IEC 61347-2-13	ENEC
Wiring	BLF	AWG 22	0.35 - 600 V	IEC 60598-1	IMQ
Led module	Schreder	PIANO-2 Led module	120 V, 2x 48 Led's, Tj : 150	IEC 62031	ENEC
Terminal	Wieland	ST	4 mm <sup>2</sup> , 400 V	EN 60998	VDE, IMQ
1) indicates a component tested as part of the appliance					

**FACTORY LOCATION(S)**

Schröder Iluminação S.A.  
Apartado, 132  
2790-076 CARNAXIDE  
Portugal