

LICENCE

No. 17839

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 MINI

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: 11/05/2012

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



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This certificate is issued by the company under its General Conditions for Certification Services accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitations of liability defined therein and in the Test Report herein mentioned which findings are reflected in this Certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	road, square and street lighting
Trade name(s)	:	SCHREDER
Type(s)/Model(s)	:	PIANO MINI
rated voltage (Un)	:	230 V
rated power	:	41 W
rated frequency	:	50 Hz
rated ambient temperature (ta)	:	35°C
class	:	class I
degree of protection	:	IP 66
lamp(s)	:	max. 24 led

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 593617/01.

Remarks

This certificate is based on test reports Nos. S1203 (SMT) and S1203b (SMT).

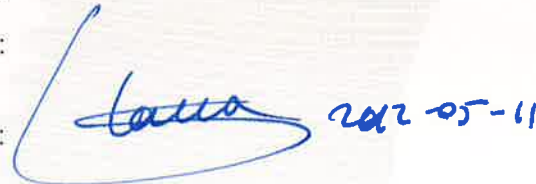
Conclusion

The examination proved that all test requirements were met.

Checked by, project leader : Christian Maes - 11/05/2012

Department Manager,
Product Certification :

Certification Manager :

A handwritten signature in blue ink, followed by the date '2012-05-11' written in blue ink.

List of components

Component	Trade name	Type/model	Rating	Standard	Approval mark 1
Driver	Osram	OT 35/ 220240 /700 LTCS	350-700 mA, 35 W - Tc 85°C	EN 61347-2-13	ENEC - VDE
Driver	Osram	OT 42/ 220-240 /350E	350 mA, 42 W - Tc 80°C	EN 61347-2-13	ENEC - VDE
Driver	Osram	OT 42/ 220-240 /500E	500 mA, 42 W - Tc 80°C	EN 61347-2-13	ENEC - VDE
Driver	Osram	OT 42/ 220-240 /700E	700 mA, 42 W - Tc 80°C	EN 61347-2-13	ENEC - VDE
Driver	Osram	OT 45/ 220240 /700 LTCS	350-700 mA, 45 W - Tc 90°C	EN 61347-2-13	ENEC - VDE
Driver	Osram	OT 50/ 220240 /700 LTE	350-700 mA, 54 W - Tc 85°C	EN 61347-2-13	ENEC - VDE
Driver	Osram	OT 50/ 220240 /700 3DIM LTE	350-700 mA, 54 W- Tc 85°C	EN 61347-2-13	ENEC - VDE
Driver	TCI	DC Jolly HV	25 W, 220-240 V, Tc 75°C	EN 61347-2-13	ENEC
Driver	TCI	DC Maxi Jolly HV	50 W, 220-240 V, Tc 75°C	EN 61347-2-13	KEMA
Filter	TCI	EMI Filter P/N 119899	3-240 V, Tc 75	EN 61000	IMQ - KEMA
Controller	Philips	Dynadimer LLC, 7220/00	Tc 75°C, 220-240 V, 50-60 Hz	EN 60669-2-1	ENEC

Component	Trade name	Type/model	Rating	Standard	Approval mark 1
Controller	Owlet	Luminaire controller	0-10 V output, Ta max. 70°C	EN 60950-1	ENEC
Led's module	Cofidur	LLM 24 Rebel ES	NW-WW Tp : 80°C	IEC 62031	ENEC
Led's module	Cofidur	LLM 16 Rebel ES	NW-WW Tp : 80°C	IEC 62031	ENEC
Varistor	Würth Elektronik	275 V, diameter 20 mm	High Surge 4 KV, 125°C	IEC/EN 61000	VDE
Connector	3M	560 series	0.75-1.5 mm ² , 105°C	UL 486C	UL
Connector	Wieland	ST18/3 - 18/4 - 18/5	4 mm ² , 750 V	EN 60998-1	IMQ, VDE
Connector	Adels	LK 980 series	1.5 mm ² , 400 V	EN 60998-1	ENEC
Fuse block	Camden Boss	CFT BN	6.3 A, 250 V		VDE (40011466), S, FI
1) indicates a component tested as part of the appliance					

FACTORY LOCATION(S)

Schröder Iluminação S.A.
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 2790-076 CARNAXIDE
 Portugal