LICENCE

No. 17818 replaces No.17695

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)	:	EVOLO-2, EVOLO-3

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: 03/05/2012

ir. C. Lana,
Certification Manager

SGS Belgium NV-Division SGS CEBEC
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Bld Internationalelaan 55 Build. D
B-1070 Brussels
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SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	road, square and street lighting
Trade name(s)	:	SCHREDER
Type(s)/Model(s)	:	EVOLO-2, EVOLO-3
rated voltage (Un)	:	240 V
rated frequency	:	50 Hz
temperature limit (t max)	:	35°C
class	:	class I
degree of protection	:	IP 66

Product data - type EVOLO-2

rated power	:	max. 150 W

Product data - type EVOLO-3

rated power	:	max. 400 W

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 591962/02.

Remarks

This certificate is based on test report No. S1106A (SMT).

Conclusion

The examination proved that all test requirements were met.

Checked by, project leader	:	Christian Maes - 03/05/2012
Department Manager, Product Certification	:	
Certification Manager	:	2012-05-03

List of components

Component	Trade name	Type/model	Rating	Standard	Approval mark 1
Ballast	Philips	HID DV	70- 100- 150- 250- 400 W, Tc 80, 208-277 V	EN 61347-2-12	ENEC, VDE
Ballast	Philips	HID CPO	45-60- 90-140 W, Tc 80, 220-240 V	EN 61347-2-12	ENEC, VDE
Ballast	Philips	HF-P 22-42	PLT Tc 70, 220-240 V	EN 61347-2-3	ENEC
Ballast	Philips	HF-R 26-42	PLT TC 70, 220-240 V	EN 61347-2-3	ENEC
Ballast	Philips	DV Dali XT	50 W - HPS Tc 80, 208-277 V	EN 61347-2-12	ENEC 05
Ballast	Philips	DV Dali XT	70 W - HPS Tc 80, 208-277 V	EN 61347-2-12	ENEC 05
Ballast	Philips	DV Dali XT	100 W - HPS Tc 80, 208-277 V	EN 61347-2-12	ENEC 05
Ballast	Philips	DV Dali XT	150 W - HPS Tc 80, 208-277 V	EN 61347-2-12	ENEC 05

Component	Trade name	Type/model	Rating	Standard	Approval mark 1
Ballast	Philips	PV XT	45 W - CPO Tc 80, 208-277 V	EN 61347-2-12	ENEC 05
Ballast	Philips	PV XT	60 W - CPO Tc 80, 208-277 V	EN 61347-2-12	ENEC 05
Ballast	Philips	PV XT	90 W - CPO Tc 80, 208-277 V	EN 61347-2-12	ENEC 05
Ballast	Philips	PV XT	140 W - CPO Tc 80, 208-277 V	EN 61347-2-12	ENEC 05
Ballast	Philips	DV Dali XT 250	250 W - HPS Tc 80, 208-277 V	EN 61347-2-12	ENEC 05
Ballast	Harvard	HIPDD Cosmo	45 W - CPO Tc 80, 200-265 V	EN 61347-2-12	ENEC
Ballast	Harvard	HIPDD Cosmo	60 W - CPO Tc 80, 200-265 V	EN 61347-2-12	ENEC
Ballast	Harvard	HIPDD Cosmo	90 W - CPO Tc 80, 200-265 V	EN 61347-2-12	ENEC
Ballast	Harvard	HIPDD Cosmo	140 W - CPO Tc 80, 200-265 V	EN 61347-2-12	ENEC

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Component	Trade name	Type/model	Rating	Standard	Approval mark 1
Ballast	Harvard	HIPDD Cosmo LN	45 W - CPO Tc 80, 200-265 V	EN 61347-2-12	ENEC
Ballast	Harvard	HIPDD Cosmo LN	60 W - CPO Tc 80, 200-265 V	EN 61347-2-12	ENEC
Ballast	Harvard	HIPDD Cosmo LN	90 W - CPO Tc 80, 200-265 V	EN 61347-2-12	ENEC
Ballast	Harvard	HIPDD Cosmo LN	140 W - CPO Tc 80, 200-265 V	EN 61347-2-12	ENEC
Ballast	Harvard	HPIDD	50 W, HPS Tc 80, 200-265 V	EN 61347-2-12	ENEC
Ballast	Harvard	HPIDD	70 W, HPS Tc 80, 200-265 V	EN 61347-2-12	ENEC
Ballast	Harvard	HPIDD	100 W, HPS, Tc 80, 200-265 V	EN 61347-2-12	ENEC
Ballast	Harvard	HPIDD	150 W, HPS Tc 80, 200-265 V	EN 61347-2-12	ENEC
Ballast	Harvard	HPIDD LN	50 W, HPS Tc 80, 200-265 V	EN 61347-2-12	ENEC

Component	Trade name	Type/model	Rating	Standard	Approval mark 1
Ballast	Harvard	HPIDD LN	70 W, HPS Tc 80, 200-265 V	EN 61347-2-12	ENEC
Ballast	Harvard	HPIDD LN	100 W, HPS Tc 80, 200-265 V	EN 61347-2-12	ENEC
Ballast	Harvard	HPIDD LN	150 W, HPS Tc 80, 200-265 V	EN 61347-2-12	ENEC
Ballast	Harvard	DX PL/TC	57 W - PLT Tc 80, 220-240 V	EN 61347-2-12	ENEC
Ballast	Harvard	HPIDD 250	250 W - HPS Tc 80, 220-240 V	EN 61347-2-12	ENEC
Ballast	Metrolight	M400 HPS-3 -EU	400 W - HPS Tc85, 200-277 V	EN 61347-2-12	VDE
Ballast	Metrolight	M250M -3-EU	250 W - HPS Tc 85, 200-277 V	EN 61347-2-12	VDE
Ballast	Metrolight	Super HID	45 W - HPS Tc 85, 200-277 V	EN 61347-2-12	VDE
Ballast	Metrolight	Super HID	60 W - HPS Tc 85, 200-277 V	EN 61347-2-12	VDE

Component	Trade name	Type/model	Rating	Standard	Approval mark 1
Ballast	Metrolight	Super HID	90 W - HPS Tc 85, 200-277 V	EN 61347-2-12	VDE
Ballast	Metrolight	Super HID	140 W - HPS Tc 85, 200-277 V	EN 61347-2-12	VDE
Ballast	ELT	VSI 40/22 -3T-D	400 W - HPS Tw 130, 220-240 V	EN 60923	VDE
Ballast	ELT	VMI 40/23-3	400 W - HPS Tw 130, 220-240 V	EN 60923	VDE
Ballast	Parmar	HS	400 W MH/HPS Tw 130, 220-240 V	EN 60923	ENEC
Ignitor	ELT	AVS-400 R	400 W, 220-240 V	EN 60926	ENEC
Ignitor	Philips	SN	Tc 90, up to 400 W, 220-240 V	EN 60926	ENEC, IMQ
Ignitor	Parmar	MCI	MH 100...600	EN 60926	ENEC
Capacitor	RTR	20-25-30 µF	220-240 V	EN 61048	ENEC
Capacitor	Icar	Ecofill	up to 40 µF, 220-240 V	EN 61048	ENEC, IMQ
Capacitor	RBR	R100	up to 40 µF, 220-240 V	EN 61048	ENEC, IMQ

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Component	Trade name	Type/model	Rating	Standard	Approval mark 1
Capacitor	ELT		20-25-30 µF, t85, 250 V	EN 61048	VDE
Terminal	Metway	Series 166	4 mm², 400 V	EN 60998	VDE
Terminal	Metway	Series 1000	4 mm², 400 V	EN 60998	VDE
Terminal	Wieland	GST18	4 mm², 400 V	EN 60998	IMQ
Terminal	Wieland	ST18	4 mm², 400 V	EN 60998	VDE, IMQ
Photo cell	Harvard	Leaf Node	Tc 80, 200-265 V, 45-65 Hz	EN 61347-2-12	ENEC 22
1) indicates a component tested as part of the appliance					

FACTORY LOCATION(S)

Urbis Lighting Ltd.
Telford Road Houndmills
RG21 6YW BASINGSTOKE HANTS
Great Britain