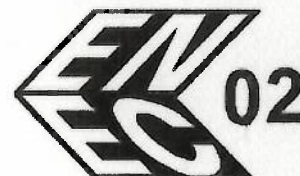


LICENCE

No. 20892 - Issue No 4

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

Licensee:
Schreder S.A.
Rue de Lusambo, 67
1190 BRUXELLES
Belgium



Product : road, square, street, flood lighting
Trade name(s) : SCHREDER
Type(s)/model(s) : AMPERA MAXI, AMPERA MIDI, AMPERA MINI

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

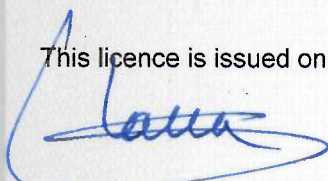
SGS CEBEC hereby declares that the above-mentioned product has been certified on the basis of:

- 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: 28/01/2020



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, street, flood lighting
Trade name(s)	:	SCHREDER
Type(s)/Model(s)	:	AMPERA MAXI, AMPERA MIDI, AMPERA MINI
description	:	Street lighting
rated voltage (Un)	:	220-240 V
rated frequency	:	50-60 Hz
degree of protection	:	IP66/66
class	:	class I
additional information	:	IK09

Additional information

Additional information:

Max ta of 50°C reachable for AMPERA MAXI with Philips LP/FP 150 W and OSLO LEDS driven at max 700 mA.
Max ta of 55°C reachable for AMPERA MIDI with Philips LP/FP 150 W and OSLO LEDS driven at max 800 mA.
Max ta of 55°C reachable for AMPERA MINI with Philips LP/FP 150 W and OSLO LEDS driven at max 1000 mA.

Product data - type AMPERA MIDI

rated power	:	max. 201 W
lamp(s)	:	32-48-64 LEDs XP-L, XP-L2, OSLO, XP-G2, XP-G3
rated ambient temperature (ta)	:	max. 55°C
rated secondary current (In SEC)	:	max. 900 mA (OSLO) max. 700 mA (XP-G2,XP-G3) max. 1000 mA (XP-L, XP-L2)

Product data - type AMPERA MINI

rated power	:	max. 77 W
lamp(s)	:	8-16-24 LEDs XP-L, XP-L2, OSLOX, XP-G2, XP-G3
rated ambient temperature (ta)	:	max. 55°C
rated secondary current (In SEC)	:	max. 1000 mA (OSLOX, XP-L,XP-L2) max. 700 mA (XP-G2, XP-G3)

Product data - type AMPERA MAXI

rated power	:	max. 310 W
lamp(s)	:	80-96-112-128 LEDs XP-L, XP-L2, OSLOX, XP-G2, XP-G3
rated ambient temperature (ta)	:	max. 55°C
rated secondary current (In SEC)	:	max. 800 mA (OSLOX) max. 700 mA (XP-G2, XP-G3, XP-L, XP-L2)

TESTS

Test requirements

EN 60598-1:2015 + A1:2018
EN 60598-2-3:2003 + A1:2011

Test results

The test results are laid down in certification file ref. 604814/32.

Remarks

This certificate is based on test report No. P1536-38-Id.

Conclusion

The examination proved that all certification requirements were met.

Reviewed by, project leader : Christian Maes - 28/01/2020

Certification Manager :  2020-01-28

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