

CERTIFICATE

Issued to:
Applicant:
Hadler GmbH
Fritzlärer Str. 19
34587 Felsberg, Germany

Licensee:
Hadler GmbH
Fritzlärer Str. 19
34587 Felsberg, Germany

Product : LED control gear
Trade name(s) : Luxtronic
Type(s)/model(s) : 3 C 180 08 y, 3 C 180 18 y, 3 C 180 28 y and 3 C 180 78 y

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

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

- a type test according to the standard EN 61347-1:2015, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 62384:2006 and EN 62384:2006/A1:2009
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 997596

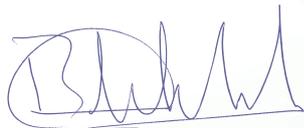
DEKRA hereby grants the right to use the ENEC certification mark.

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

This certificate is issued on 8 May 2020 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 88-113270

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



C. Nitschke
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: LED control gear
Trade name(s)	: Luxtronic
Type(s)/model(s)	: 3 C 180 08 y, 3 C 180 18 y, 3 C 180 28 y and 3 C 180 78 y
Rated input voltage	: 220-240 V
Nature of supply	: ac or dc
Rated frequency	: 0/50-60 Hz
Rated input current	: 0,38 A
Rated output voltage	: 330 Vdc
Rated output power	: 10...80 W
Power factor	: 0,98
Classification of installation	: built-in

Product data – type 3 C 180 08 y

Ambient temperature range (ta)	: -25...+70 °C
Max. case temperature (tc)	: 85 °C
Rated output current	: 50...350 mA

Product data – type 3 C 180 18 y

Ambient temperature range (ta)	: -25...+60 °C
Max. case temperature (tc)	: 80°C
Output current	: 100...500 mA

Product data – type 3 C 180 28 y

Ambient temperature range (ta)	: -25...+60 °C
Max. case temperature (tc)	: 80°C
Output current	: 250...700 mA

Product data – type 3 C 180 78 y

Ambient temperature range (ta)	: -25...+70 °C
Max. case temperature (tc)	: 85°C
Output current	: 50...350 mA

TESTS**Test requirements**

EN 61347-1:2015
EN 61347-2-13:2014
EN 61347-2-13:2014/A1:2017
EN 62384:2006
EN 62384:2006/A1:2009

Test result

The test results are laid down in DEKRA test file 341668800.

Additional information

- built-in non-SELV LED constant current electronic control gear
- max. enclosure temperature under abnormal or fault conditions 110°C
- suited for being mounted in luminaires
- suitable for central battery emergency lighting systems
- "y" = 0 in type designation means output current set by manufacturer
- "y" = 6 in type designation means output current and level set by DALI
- type 3 C 180 78 y is provided with protective coating on PCB bottom side

This certificate replaces certificate No. 88-109896 which we herewith declare invalid.

The list of components is laid down at test report 3416688.50.

Conclusion

The examination proved that all requirements were met.

Factory location

Hadler GmbH
Fritzlarer Str. 19
34587 Felsberg, Germany