

CERTIFICATE

Issued to:
Applicant:
EldoLED B.V.
Science Park Eindhoven 5125
5692 ED Son En Breugel, Netherlands

Licensee:
EldoLED B.V.
Science Park Eindhoven 5125
5692 ED Son En Breugel, Netherlands

Product : Electronic LED driver
Trade name(s) : eldoLED
Type(s)/model(s) : ECOdrive 12B-M1Z0A, ECOdrive 12B-M1Z0D, ECOdrive 12S-M1Z0A, ECOdrive 12S-M1Z0D, ECOdrive 12S-M1Z1A, ECOdrive 12S-M1Z1D, ECOdrive 22B-M1Z0A, ECOdrive 22B-M1Z0D, ECOdrive 22S-M1Z0A, ECOdrive 22S-M1Z0D, ECOdrive 22S-M1Z1A, ECOdrive 22S-M1Z1D, SOLOdrive 12B-M1Z0A, SOLOdrive 12B-M1Z0D, SOLOdrive 12S-M1Z0A, SOLOdrive 12S-M1Z0D, SOLOdrive 12S-M1Z1A, SOLOdrive 12S-M1Z1D, SOLOdrive 22B-M1Z0A, SOLOdrive 22B-M1Z0D, SOLOdrive 22S-M1Z0A, SOLOdrive 22S-M1Z0D, SOLOdrive 22S-M1Z1A and SOLOdrive 22S-M1Z1D

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

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

- a type test according to EN 61347-1:2015, EN 61347-1:2015/A1:2021, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017 and EN IEC 62384:2020
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2158357

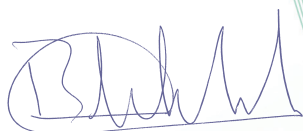
DEKRA hereby grants the right to use the ENEC certification mark.

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

This certificate is issued on 29 July 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-143670

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



Miranda Zhou
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Electronic LED driver
Trade name(s)	: eldoLED
Type(s)/model(s)	: ECOdrive 12B-M1Z0A, ECOdrive 12B-M1Z0D, ECOdrive 12S-M1Z0A, ECOdrive 12S-M1Z0D, ECOdrive 12S-M1Z1A, ECOdrive 12S-M1Z1D, ECOdrive 22B-M1Z0A, ECOdrive 22B-M1Z0D, ECOdrive 22S-M1Z0A, ECOdrive 22S-M1Z0D, ECOdrive 22S-M1Z1A, ECOdrive 22S-M1Z1D, SOLOdrive 12B-M1Z0A, SOLOdrive 12B-M1Z0D, SOLOdrive 12S-M1Z0A, SOLOdrive 12S-M1Z0D, SOLOdrive 12S-M1Z1A, SOLOdrive 12S-M1Z1D, SOLOdrive 22B-M1Z0A, SOLOdrive 22B-M1Z0D, SOLOdrive 22S-M1Z0A, SOLOdrive 22S-M1Z0D, SOLOdrive 22S-M1Z1A and SOLOdrive 22S-M1Z1D
Rated input voltage/nature of supply	: 220 - 250 Vac
Rated frequency	: 50 Hz
Power factor	: pf: >0,95
Output voltage	: 42 Vdc max.
Output current	: 0,15 - 0,95A
Ambient temperature	: ta: -20 °C ...+50 °C
Description	: built-in LED driver with SELV output circuit

Product data – type ECOdrive 12B-M1Z0A, ECOdrive 12S-M1Z0A, ECOdrive 12S-M1Z1A, SOLOdrive 12B-M1Z0A, SOLOdrive 12S-M1Z0A and SOLOdrive 12S-M1Z1A

Input current	: 0,15 A max.
Output power	: 12 W max.
Max. case temperature	: 75 °C
Dimming protocol	: 0 - 10V

Product data – type ECOdrive 12B-M1Z0D, ECOdrive 12S-M1Z0D, ECOdrive 12S-M1Z1D, SOLOdrive 12B-M1Z0D, SOLOdrive 12S-M1Z0D and SOLOdrive 12S-M1Z1D

Input current	: 0,15 A max.
Output power	: 12 W max.
Max. case temperature	: 75 °C
Dimming protocol	: DALI -2 + LED code

Product data – type ECOdrive 22B-M1Z0A, ECOdrive 22S-M1Z0A, ECOdrive 22S-M1Z1A, SOLOdrive 22B-M1Z0A, SOLOdrive 22S-M1Z0A and SOLOdrive 22S-M1Z1A

Input current	: 0,21 A max.
Output power	: 22 W max.
Max. case temperature	: 76 °C
Dimming protocol	: 0 - 10V

Product data – type ECOdrive 22B-M1Z0D, ECOdrive 22S-M1Z0D, ECOdrive 22S-M1Z1D, SOLOdrive 22B-M1Z0D, SOLOdrive 22S-M1Z0D and SOLOdrive 22S-M1Z1D

Input current	: 0,21 A max.
Output power	: 22 W max.
Max. case temperature	: 76 °C
Dimming protocol	: DALI -2 + LED code

TESTS**Test requirements**

EN 61347-1:2015
EN 61347-1:2015/A1:2021
EN 61347-2-13:2014
EN 61347-2-13:2014/A1:2017
EN IEC 62384:2020

Test result

The test results are documented in DEKRA test file 228850700.

Additional information

Output current is settable: 150 - 950 mA (by means of a special hardware tool and software programme of the same manufacturer).

Declared thermal protection temperature : 130 °C

The list of components is laid down in test report 2288507.50.

Conclusion

The examination has confirmed that all requirements were met.

Factory location

Acuity Brands Lighting de México S de RL de CV
Av La Silla #7711, Parque Industrial La Silla
67193 Guadalupe, Nuevo Leon, Mexico

SERIES NOMENCLATURE:

SOLOdrive	24	S	-	M	1	Z	0	A	
I	II	III		IV	V	VI	VII	VIII	XI

COD E		
I	Family code	ECODrive SOLOdrive
II	Output Power	Full integer value of total output power without units 24 = 24 Watts 12 = 12 Watts
III	Housing	L = Housing Type 26 by 30 by 425 mm Sheet metal S = Side feed B = Bottom feed
IV	Input voltage	M = MVOLT (120-277V (120-250 V ENEC and 120-277 V UL))
V	LED output	1 or more integers 1 = 1 channel
VI	AUX output	M = Mid-power AUX Z = No AUX
VII	Flanges	Only for models with side-feed 0 = With flanges 1 = No flanges
VIII	Control	A = 0-10V (analog) D = DALI -2 + LED code Z = LEDcode only
IX	Revision	Integer reflecting the commercial part number; not used if control is set to "S".