

CERTIFICATE

Issued to:
Applicant:
TM Technologie sp. z.o.o.
Morawica 355
32-084 Morawica, Poland

Licensee:
TM Technologie sp. z.o.o.
Morawica 355
32-084 Morawica, Poland

Product : Emergency luminaires (centrally supplied) with LED's
Trade name(s) : TM TECHNOLOGIE
Type(s)/model(s) : TM.ONTEC E ... series

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 IEC 60598-1:2021, EN IEC 60598-1:2021/A11:2022, EN IEC 60598-2-22:2022 and EN 60598-2-2:2012
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2173187

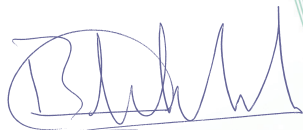
DEKRA hereby grants the right to use the ENEC certification mark.

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 1 August 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 88-141776

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



H.R.M. Barends
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Emergency luminaires (centrally supplied) with LED's
Trade name(s)	: TM TECHNOLOGIE
Type(s)/model(s)	: TM.ONTEC E E1E 01 CB, TM.ONTEC E E1E 01 CB+, TM.ONTEC E E1E 01 CBA, TM.ONTEC E E1E 01 CBM, TM.ONTEC E E1P 01 CB, TM.ONTEC E E1P 01 CB+, TM.ONTEC E E1P 01 CBA and TM.ONTEC E E1P 01 CBM
Rated voltage	: 210-250 Vac / 186-254 Vdc
Rated frequency	: 50-60Hz / dc
Class	: II
Degree of protection	: IP20
Color temperature	: 5700 K
Description	: centrally supplied emergency luminaires

Product data – type TM.ONTEC E E1E 01 CB

Rated power	: 2,4 W
Ambient temperature range (ta)	: -15°C to +55°C

Product data – type TM.ONTEC E E1E 01 CB+

Rated power	: 2,1
Ambient temperature range (ta)	: -15°C to +55°C

Product data – type TM.ONTEC E E1E 01 CBA

Rated power	: 2,6 W
Ambient temperature range (ta)	: -10°C to +40°C

Product data – type TM.ONTEC E E1E 01 CBM

Rated power	: 2,2 W
Ambient temperature range (ta)	: -15°C to +55°C

Product data – type TM.ONTEC E E1P 01 CB

Rated power	: 2,7 W
Ambient temperature range (ta)	: -15°C to +55°C

Product data – type TM.ONTEC E E1P 01 CB+

Rated power	: 1,8 W
Ambient temperature range (ta)	: -15°C to +55°C

Product data – type TM.ONTEC E E1P 01 CBA

Rated power	: 3,2 W
Ambient temperature range (ta)	: -10°C to +40°C

Product data – type TM.ONTEC E E1P 01 CBM

Rated power	: 1,7 W
Ambient temperature range (ta)	: -15°C to +55°C

TESTS

Test requirements

EN IEC 60598-1:2021
EN IEC 60598-1:2021/A11:2022
EN IEC 60598-2-22:2022
EN 60598-2-2:2012

Test result

The test results are documented in DEKRA test file 343207000.

Additional information

The list of components is laid down in test report 3432070.50.

Conclusion

The examination has confirmed that all requirements were met.

Factory location

The factory location is registered with the number 13932.

Production key:

TM.ONTEC E E1e pp w

Code	possible variants	description
e	P	controlgear with impulse power supply (average luminance >500 cd/m ²)
	E	controlgear with impulse power supply (luminance <500 cd/m ²)
pp	01	1 W LED power
w	CB	without additional module
	CBA	version with addressable module 010312
	CBM	central battery with addressable module and modulated transmission
	CB+	central battery with no addressable module (supports modified mode - the possibility of non-maintained operation)