

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 (self-contained) with LED's
Trade name(s) : TM TECHNOLOGIE
Type(s)/model(s) : TM.ONTEC E... series

The product and any acceptable variation thereto as 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 EN IEC 60598-1:2021, EN IEC 60598-1:2021/A11:2022, EN 60598-2-2:2012, EN 60598-2-22:2014 and EN 60598-2-22:2014/A1:2020
- 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 12 June 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 88-128519

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



R Zhou
Certification Manager

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COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Emergency luminaires (self-contained) with LED's
Trade name(s)	: TM TECHNOLOGIE
Type(s)/model(s)	: TM.ONTEC E E1P 101 M w, TM.ONTEC E E1P 101 M w COLD, TM.ONTEC E E1P 101 NM w, TM.ONTEC E E1P 101 NM w COLD, TM.ONTEC E E1P 180 M v, TM.ONTEC E E1P 180 NM v, TM.ONTEC E E1P 301 M w, TM.ONTEC E E1P 301 M w COLD, TM.ONTEC E E1P 301 NM w, TM.ONTEC E E1P 301 NM w COLD and TM.ONTEC E E1U 301 NM ST
Rated voltage	: 210-250 Vac
Rated frequency	: 50-60Hz
Rated power	: max. 5,7 W
Class	: II
Degree of protection	: IP20
Ambient temperature range (ta)	: ta: +10 °C to +35 °C ta: -15 °C to +35 °C (only for COLD-Versions)
Color temperature	: 5700 K
Description	: self-contained luminaires

Product data – type TM.ONTEC E E1P 101 M w COLD, TM.ONTEC E E1P 101 NM w COLD, TM.ONTEC E E1P 301 M w COLD and TM.ONTEC E E1P 301 NM w COLD

Ambient temperature range (ta) : -15 °C to +35 °C

Product data – type TM.ONTEC E E1P 101 M w, TM.ONTEC E E1P 101 NM w, TM.ONTEC E E1P 180 M v, TM.ONTEC E E1P 180 NM v, TM.ONTEC E E1P 301 M w, TM.ONTEC E E1P 301 NM w and TM.ONTEC E E1U 301 NM ST

Ambient temperature range (ta) : +10 °C to +35 °C

TESTS**Test requirements**

EN IEC 60598-1:2021
EN IEC 60598-1:2021/A11:2022
EN 60598-2-2:2012
EN 60598-2-22:2014
EN 60598-2-22:2014/A1:2020

Test result

The test results are laid down in DEKRA test file 342502100.

Additional information

The list of components is laid down in test report 3425021.50.

Conclusion

The examination proved that all requirements were met.

Factory location

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

Production key:

TM.ONTEC E E1e Hpp A w/v [COLD]

Code	possible variants	description
e	U	controlgear with AC transformer (only NM ST version, luminance >300 cd/m2)
	P	controlgear with impulse power supply (average luminance >500 cd/m2)
H	1	duration time 1 hour
	3	duration time 3 hours
pp	01	1 W LED power
Hpp	60	duration time 1 hour
	180	duration time 3 hours
A	M	Maintained mode
	NM	Non-maintained mode
w	ST	manual test
	AT	individual automatic test
	DATA (2; RADIO)	central automatic test
v	ST	manual test
	AT	individual automatic test
	DATA 2 (RADIO)	central automatic test
COLD		-15 °C to +35 °C ambient temperature