

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.PRIMO 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 13 June 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 88-128526

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



R Zhou
Certification Manager

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DUTCH ACCREDITATION
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.PRIMO E 25E 180 M v, TM.PRIMO E 25E 180 NM v, TM.PRIMO E 25E 301 M w, TM.PRIMO E 25P 180 M v, TM.PRIMO E 25P 180 NM v, TM.PRIMO E 25P 301 M w, TM.PRIMO E 30E 180 M v, TM.PRIMO E 30E 180 NM v, TM.PRIMO E 30E 301 M w, TM.PRIMO E 30P 180 M v, TM.PRIMO E 30P 180 NM v, TM.PRIMO E 30P 301 M w, TM.PRIMO E 40E 180 M v, TM.PRIMO E 40E 180 NM v, TM.PRIMO E 40E 301 M w, TM.PRIMO E 40P 180 M v, TM.PRIMO E 40P 180 NM v, TM.PRIMO E 40P 302 M w, TM.PRIMO E 60E 180 M v, TM.PRIMO E 60E 180 NM v, TM.PRIMO E 60E 302 M w, TM.PRIMO E 80E 180 M v, TM.PRIMO E 80E 180 NM v and TM.PRIMO E 80E 302 M w
Rated voltage	: 210-250 Vac
Rated frequency	: 50-60Hz
Rated power	: max. 7,9 W
Class	: I
Degree of protection	: IP20
Ambient temperature range (ta)	: +10 °C to +35 °C
Color temperature	: 5700 K
Description	: self-contained luminaires

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 342502300.

Additional information

The list of components is laid down in test report 3425023.50.

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.PRIMO E re Hpp A w/v

Code	possible variants	description
r	25	pictogram dimension 125 x 250 (mm)
	30	pictogram dimension 150 x 300 (mm)
	40	pictogram dimension 200 x 400 (mm)
	60	pictogram dimension 300 x 600 (mm)
	80	pictogram dimension 400 x 800 (mm)
e	E	controlgear with impulse power supply (luminance <500 cd/m ²)
	P	controlgear with impulse power supply (average luminance >500 cd/m ²)
H	3	180 minutes
pp	01	1 W LED power
	02	2 W LED power
Hpp	180	duration time 3 hours
A	M	Mode (maintained)
	NM	Mode (non-maintained)
w	ST	manual test
	AT	individual automatic test
	DATA	central automatic test
	DATA 2	central automatic test
	DATA 2 RADIO	central automatic test
v	ST	manual test
	AT	individual automatic test
	DATA 2	central automatic test
	DATA 2 RADIO	central automatic test