

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 R... 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 60598-2-22:2014 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 14 June 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 88-128842

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



A.C. Slingerland
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 R 25P 180 M v, TM.PRIMO R 25P 180 NM v, TM.PRIMO R 25P 301 M w, TM.PRIMO R 30P 180 M v, TM.PRIMO R 30P 180 NM v, TM.PRIMO R 30P 301 M w, TM.PRIMO R 40P 180 M v, TM.PRIMO R 40P 180 NM v, TM.PRIMO R 40P 302 M w, TM.PRIMO R C1 180 M v, TM.PRIMO R C1 180 NM v, TM.PRIMO R C1 302 M w, TM.PRIMO R C1 302 NM w, TM.PRIMO R C1 60 M v, TM.PRIMO R C1 60 NM v, TM.PRIMO R C2 105 M w, TM.PRIMO R C2 105 NM w, TM.PRIMO R C2 180 M v, TM.PRIMO R C2 180 NM v, TM.PRIMO R C2 305 M w, TM.PRIMO R C2 305 NM w, TM.PRIMO R F1 180 M v, TM.PRIMO R F1 180 NM v, TM.PRIMO R F1 302 M w, TM.PRIMO R F1 302 NM w, TM.PRIMO R F1 60 M v, TM.PRIMO R F1 60 NM v, TM.PRIMO R F2 105 M w, TM.PRIMO R F2 105 NM w, TM.PRIMO R F2 180 M v, TM.PRIMO R F2 180 NM v, TM.PRIMO R F2 305 M w, TM.PRIMO R F2 305 NM w, TM.PRIMO R M1 180 M v, TM.PRIMO R M1 180 NM v, TM.PRIMO R M1 60 M v, TM.PRIMO R M1 60 NM v, TM.PRIMO R M2 180 M v, TM.PRIMO R M2 180 NM v, TM.PRIMO R M2 302 M w, TM.PRIMO R M2 302 NM w, TM.PRIMO R S1 180 M v, TM.PRIMO R S1 180 NM v, TM.PRIMO R S1 302 M w, TM.PRIMO R S1 302 NM w, TM.PRIMO R S1 60 M v, TM.PRIMO R S1 60 NM v, TM.PRIMO R S2105 M w, TM.PRIMO R S2105 NM w, TM.PRIMO R S2 180 M v, TM.PRIMO R S2 180 NM v, TM.PRIMO R S2 305 M w and TM.PRIMO R S2 305 NM w
Rated voltage	: 210-250 Vac
Rated frequency	: 50-60Hz
Rated power	: max. 7,2 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 60598-2-22:2014
EN 60598-2-22:2014/A1:2020

Test result

The test results are laid down in DEKRA test file 342502800.

Additional information

The list of components is laid down in test report 3425028.50.

Conclusion

The examination proved that all requirements were met.

Factory location

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

Production keys:

TM.PRIMO R Xn Hpp t v/w (non-safety sign)

Code	possible variants	description
X	M	luminaire without optics
	C	luminaire with Emerald-A
	S	luminaire with STRADA-SQ-VSM
	F	luminaire with Flare-MINI
n	1	1 LED for M, C, F, S
	2	2 LED for C, F, S or 1 LED for M
H	1	60 minutes
	3	180 minutes
pp	01	1 W LED-power
	02	2 W LED-power
	05	5 W LED-power
Hpp	60	60 minutes
	180	180 minutes
t	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

TM.PRIMO R Xe Hpp t v/w (safety sign)

Code	possible variants	description
X	25	pictogram dimension 125 x 125 [mm]
	30	pictogram dimension 150 x 150 [mm]
	40	pictogram dimension 200 x 200 [mm]
e	P	controlgear with impulse power supply (average luminance >500 cd/m ²)
H	1	60 minutes
	3	180 minutes
pp	01	1 W LED-power
	02	2 W LED-power
Hpp	60	60 minutes
	180	180 minutes
t	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