

# 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 S 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 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

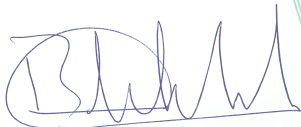
DEKRA hereby grants the right to use the ENEC certification mark.

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 5 May 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 88-139797

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



K. Lin  
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.ONTEC S X1m ttt AA TT and TM.ONTEC S Xnm HVV AA TT (COLD)
Rated voltage	:	210-250 Vac
Rated frequency	:	50-60 Hz
Rated power	:	max. 6,8 W
Class	:	II
Degree of protection	:	IP44/IP65
Description	:	self-contained luminaires

**Product data – type TM.ONTEC S X1m ttt AA TT**

Ambient temperature range (ta) : +10 °C to + 40 °C

**Product data – type TM.ONTEC S Xnm HVV AA TT (COLD)**

Ambient temperature range (ta) : + 10 °C to + 40 °C  
- 15 °C to + 40 °C for COLD versions

**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 343205400.

**Additional information**

Legend (1/2) for types duration time given in hours: TM.ONTEC S Xnm Hw AA TT (COLD)

- X : M luminaire without optics  
C luminaire with Emerald-A optic  
W luminaire with Strada-FT optic  
F luminaire with Flare-MINI optic  
E one side evacuation luminaire (only with n=1 and m=P possible)
- n : 1 1 LED for C,W,F  
7 LED for M  
14 LED for E  
2 2 LED for C,W,F  
14 LED for M  
5 2 LED for M
- m : U model with 010297/010297A control gear (only ST version possible)  
P evacuation version with pictogram, luminance > 200 cd/m<sup>2</sup>  
(empty for other models)
- H : 1 1 hour  
2 2 hours  
3 3 hours
- vv : 01 1W LED  
02 2W LED  
05 5W LED
- AA : M Maintained mode  
NM Non-maintained mode
- TT : ST button test  
: AT auto-test / self-test  
: DATA with addressable module for self-contained system DATA  
: DATA 2 with addressable module for self-contained system DATA 2  
: DATA 2 RADIO with addressable module for self-contained system DATA 2 RADIO  
(+ socket for connecting an external radio module IQRF)
- COLD : COLD ta -15°C to +40 °C (ambient temperature; only when more versions than ST, AT possible)  
(empty for models with ta + 10 °C to +40 °C)

Legend (2/2) for types duration time given in minutes: TM.ONTEC S X1m ttt AA TT

- X : M luminaire without optics  
C luminaire with Emerald-A optic  
W luminaire with Strada-FT optic  
F luminaire with Flare-MINI optic
- 1 : 1 1 LED for C,W,F  
7 LED for M
- m : U model with 010297/010297A control gear (only ST version)  
X universal luminaires (end user define mode and duration time)  
(empty for other models)
- ttt : 60 1 hour  
1803 hours
- AA : M Maintained mode  
NM Non-maintained mode
- TT : ST button test  
: AT auto-test / self-test  
: DATA 2 with addressable module for self-contained system DATA 2  
: DATA 2 RADIO with addressable module for self-contained system DATA 2 RADIO  
(+ socket for connecting an external radio module IQRF)

This certificate replaces certificate No. 88-122108 which we hereby declare invalid.

The list of components is laid down in test report 3432054.50.

**Conclusion**

The examination proved that all requirements were met.

**Factory location**

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