

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) : iTECH / iTECH Z 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 and EN IEC 60598-2-22:2022
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2173187

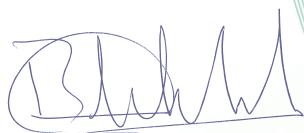
DEKRA hereby grants the right to use the ENEC certification mark.

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 26 January 2025 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 88-151493

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



Miranda Zhou
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Emergency luminaires (centrally supplied) with LED's
Trade name(s)	: TM TECHNOLOGIE
Type(s)/model(s)	: iTECH C1 02 CB, iTECH C1 02 CB+, iTECH C1 02 CBA, iTECH C1 02 CBM, iTECH C1 CB, iTECH C1 CB+, iTECH C1 CBA, iTECH C1 CBM, iTECH C2 05 CB, iTECH C2 05 CB+, iTECH C2 05 CBA, iTECH C2 05 CBM, iTECH F1 02 CB, iTECH F1 02 CB+, iTECH F1 02 CBA, iTECH F1 02 CBM, iTECH F1 CB, iTECH F1 CB+, iTECH F1 CBA, iTECH F1 CBM, iTECH F2 05 CB, iTECH F2 05 CB+, iTECH F2 05 CBA, iTECH F2 05 CBM, iTECH M1 CB, iTECH M1 CB+, iTECH M1 CBA, iTECH M1 CBM, iTECH M2 02 CB, iTECH M2 02 CB+, iTECH M2 02 CBA, iTECH M2 02 CBM, iTECH M5 05 CB, iTECH M5 05 CB+, iTECH M5 05 CBA, iTECH M5 05 CBM, iTECH O1 02 CB, iTECH O1 02 CB+, iTECH O1 02 CBA, iTECH O1 02 CBM, iTECH O1 CB, iTECH O1 CB+, iTECH O1 CBA, iTECH O1 CBM, iTECH O2 05 CB, iTECH O2 05 CB+, iTECH O2 05 CBA, iTECH O2 05 CBM, iTECH S1 02 CB, iTECH S1 02 CB+, iTECH S1 02 CBA, iTECH S1 02 CBM, iTECH S1 CB, iTECH S1 CB+, iTECH S1 CBA, iTECH S1 CBM, iTECH S2 05 CB, iTECH S2 05 CB+, iTECH S2 05 CBA, iTECH S2 05 CBM, iTECH W1 02 CB, iTECH W1 02 CB+, iTECH W1 02 CBA, iTECH W1 02 CBM, iTECH W1 CB, iTECH W1 CB+, iTECH W1 CBA, iTECH W1 CBM, iTECH W2 05 CB, iTECH W2 05 CB+, iTECH W2 05 CBA, iTECH W2 05 CBM, iTECH Z E2 02 CB, iTECH Z E2 02 CBA, iTECH Z E2 CB, iTECH Z E2 CB+ and iTECH Z E2 CBM
Class	: II
Degree of protection	: IP65
Description	: centrally supplied

Product data – type iTECH C1 02 CB, iTECH C1 02 CB+, iTECH C1 02 CBA, iTECH C1 02 CBM, iTECH C1 CB, iTECH C1 CB+, iTECH C1 CBA, iTECH C1 CBM, iTECH C2 05 CB, iTECH C2 05 CB+, iTECH C2 05 CBA, iTECH C2 05 CBM, iTECH F1 02 CB, iTECH F1 02 CB+, iTECH F1 02 CBA, iTECH F1 02 CBM, iTECH F1 CB, iTECH F1 CB+, iTECH F1 CBA, iTECH F1 CBM, iTECH F2 05 CB, iTECH F2 05 CB+, iTECH F2 05 CBA, iTECH F2 05 CBM, iTECH M1 CB, iTECH M1 CB+, iTECH M1 CBA, iTECH M1 CBM, iTECH M2 02 CB, iTECH M2 02 CB+, iTECH M2 02 CBA, iTECH M2 02 CBM, iTECH M5 05 CB, iTECH M5 05 CB+, iTECH M5 05 CBA, iTECH M5 05 CBM, iTECH O1 02 CB, iTECH O1 02 CB+, iTECH O1 02 CBA, iTECH O1 02 CBM, iTECH O1 CB, iTECH O1 CB+, iTECH O1 CBA, iTECH O1 CBM, iTECH O2 05 CB, iTECH O2 05 CB+, iTECH O2 05 CBA, iTECH O2 05 CBM, iTECH S1 02 CB, iTECH S1 02 CB+, iTECH S1 02 CBA, iTECH S1 02 CBM, iTECH S1 CB, iTECH S1 CB+, iTECH S1 CBA, iTECH S1 CBM, iTECH S2 05 CB, iTECH S2 05 CB+, iTECH S2 05 CBA, iTECH S2 05 CBM, iTECH W1 02 CB, iTECH W1 02 CB+, iTECH W1 02 CBA, iTECH W1 02 CBM, iTECH W1 CB, iTECH W1 CB+, iTECH W1 CBA, iTECH W1 CBM, iTECH W2 05 CB, iTECH W2 05 CB+, iTECH W2 05 CBA and iTECH W2 05 CBM

Rated voltage	: 210-250 Vac / 186-254 Vdc
Power	: 6,4 W (max.)
Rated frequency	: 50-60Hz / dc
Ambient temperature range (ta)	: -10°C to +40°C for CBA version -25°C to +55°C for CB; CBM and CB+ version
Description	: centrally supplied luminaires (emergency escape lighting)

Product data – type iTECH Z E2 02 CB, iTECH Z E2 02 CBA, iTECH Z E2 CB, iTECH Z E2 CB+ and iTECH Z E2 CBM

Rated voltage	: 210-250 Vac / 186-254 Vdc
Power	: 4,8 W (max.)
Rated frequency	: 50-60Hz / dc
Ambient temperature range (ta)	: -10°C to +40°C for CBA version -25°C to +55°C for CB; CBM and CB+ version
Description	: centrally supplied luminaires (internally illuminated safety sign)

TESTS**Test requirements**

EN IEC 60598-1:2021

EN IEC 60598-1:2021/A11:2022

EN IEC 60598-2-22:2022

Test result

The test results are documented in DEKRA test file 343487700.

Additional information

Legend:

iTECH Xn vv w

iTECH Z E2 vv w

- X : M luminaire without optics
C luminaire with Emerald-A optic
W luminaire with Strada-FT optic
F luminaire with Flare-MINI optic
S luminaire with STRADA-SQ optic
O luminaire with FLARE optic
- n : 1 1 LED for C,W,F,S,O
2 2 LED for C,W,F,S or 1 LED for M
5 2 LED for M
- E2 : E2 evacuation luminaire (internally illuminated safety sign)
- vv : empty for iTECH M1 models and iTECH Z models with 010336A control gear
02 2W LED
05 5W LED
- w : CB for central battery with no addressable module
CBA for central battery with addressable module
CB+ for central battery with no addressable module (supports modified mode - the possibility of non-maintained operation)
CBM for central battery with addressable module and modulated transmission

Additional requirements for recessed luminaires were also tested according to EN 60598-2-2:2024.

This certificate replaces certificate No. 88-137959 which we hereby declare invalid.

The list of components is laid down in test report 3434877.50.

Conclusion

The examination has confirmed that all requirements were met.

Factory location

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