

# 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) : TM.PRIMO G... 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, EN IEC 60598-2-22:2022 and EN 60598-2-2:2012
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2173187

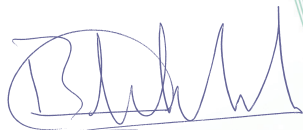
DEKRA hereby grants the right to use the ENEC certification mark.

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 1 August 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 88-141985

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



H.R.M. Barends  
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)     | : TM.PRIMO G 25D 02 CB, TM.PRIMO G 25D 02 CB+,<br>TM.PRIMO G 25D 02 CBA, TM.PRIMO G 25D 02 CBM,<br>TM.PRIMO G 25E 01 CB, TM.PRIMO G 25E 01 CB+,<br>TM.PRIMO G 25E 01 CBA, TM.PRIMO G 25E 01 CBM,<br>TM.PRIMO G 25P 01 CB, TM.PRIMO G 25P 01 CB+,<br>TM.PRIMO G 25P 01 CBA, TM.PRIMO G 25P 01 CBM,<br>TM.PRIMO G 30D 03 CB, TM.PRIMO G 30D 03 CB+,<br>TM.PRIMO G 30D 03 CBA, TM.PRIMO G 30D 03 CBM,<br>TM.PRIMO G 30E 01 CB, TM.PRIMO G 30E 01 CB+,<br>TM.PRIMO G 30E 01 CBA, TM.PRIMO G 30E 01 CBM,<br>TM.PRIMO G 30P 01 CB, TM.PRIMO G 30P 01 CB+,<br>TM.PRIMO G 30P 01 CBA, TM.PRIMO G 30P 01 CBM,<br>TM.PRIMO G 40D 04 CB, TM.PRIMO G 40D 04 CB+,<br>TM.PRIMO G 40D 04 CBA, TM.PRIMO G 40D 04 CBM,<br>TM.PRIMO G 40E 01 CB, TM.PRIMO G 40E 01 CB+,<br>TM.PRIMO G 40E 01 CBA, TM.PRIMO G 40E 01 CBM,<br>TM.PRIMO G 40P 02 CB, TM.PRIMO G 40P 02 CB+,<br>TM.PRIMO G 40P 02 CBA and TM.PRIMO G 40P 02 CBM |
| Rated voltage        | : 210-250 Vac / 186-254 Vdc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Rated frequency      | : 50-60Hz / dc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Class                | : I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Rated power          | : max. 7,3 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Degree of protection | : IP20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Color temperature    | : 5700 K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Description          | : centrally supplied emergency luminaires                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

**Product data – type TM.PRIMO G 25D 02 CB, TM.PRIMO G 25E 01 CB, TM.PRIMO G 25P 01 CB, TM.PRIMO G 30D 03 CB, TM.PRIMO G 30E 01 CB, TM.PRIMO G 30P 01 CB, TM.PRIMO G 40D 04 CB, TM.PRIMO G 40E 01 CB and TM.PRIMO G 40P 02 CB**

Ambient temperature range (ta) : -15°C to +55°C

**Product data – type TM.PRIMO G 25D 02 CBA, TM.PRIMO G 25E 01 CBA, TM.PRIMO G 25P 01 CBA, TM.PRIMO G 30D 03 CBA, TM.PRIMO G 30E 01 CBA, TM.PRIMO G 30P 01 CBA, TM.PRIMO G 40D 04 CBA, TM.PRIMO G 40E 01 CBA and TM.PRIMO G 40P 02 CBA**

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

**Product data – type TM.PRIMO G 25D 02 CBM, TM.PRIMO G 25E 01 CBM, TM.PRIMO G 25P 01 CBM, TM.PRIMO G 30D 03 CBM, TM.PRIMO G 30E 01 CBM, TM.PRIMO G 30P 01 CBM, TM.PRIMO G 40D 04 CBM, TM.PRIMO G 40E 01 CBM and TM.PRIMO G 40P 02 CBM**

Ambient temperature range (ta) : -15°C to +55°C

**Product data – type TM.PRIMO G 25D 02 CB+, TM.PRIMO G 25E 01 CB+, TM.PRIMO G 25P 01 CB+, TM.PRIMO G 30D 03 CB+, TM.PRIMO G 30E 01 CB+, TM.PRIMO G 30P 01 CB+, TM.PRIMO G 40D 04 CB+, TM.PRIMO G 40E 01 CB+ and TM.PRIMO G 40P 02 CB+**

Ambient temperature range (ta) : -15°C to +55°C

## TESTS

### Test requirements

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

### Test result

The test results are documented in DEKRA test file 343207600.

### Additional information

The list of components is laid down in test report 3432076.50.

### Conclusion

The examination has confirmed that all requirements were met.

### Factory location

The factory location is registered with the number 13932.

**Production key:**

TM.PRIMO G re pp w

| 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]                                                                                |
| e    | E                 | controlgear with impulse power supply (luminance <500 cd/m <sup>2</sup> )                                         |
|      | P                 | controlgear with impulse power supply (average luminance >500 cd/m <sup>2</sup> )                                 |
|      | D                 | controlgear with impulse power supply (average luminance >500 cd/m <sup>2</sup> , pictogram two side)             |
| pp   | 01                | 1 W LED power                                                                                                     |
|      | 02                | 2 W LED power                                                                                                     |
|      | 03                | 3 W LED power                                                                                                     |
|      | 04                | 4 W LED power                                                                                                     |
| w    | CB                | without additional module                                                                                         |
|      | CBA               | version with addressable module 010311 (TM-AM 02V)                                                                |
|      | CB+               | central battery with no addressable module (supports modified mode - the possibility of non-maintained operation) |
|      | CBM               | central battery with addressable module and modulated transmission                                                |