

# 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) : 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 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

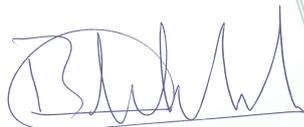
DEKRA hereby grants the right to use the ENEC certification mark.

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 31 July 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 88-142217

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



K. Lin  
Certification Manager

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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)	: ONTEC S C1(W1,F1) 02 CB, ONTEC S C1(W1,F1) 02 CB+, ONTEC S C1(W1,F1) 02 CBA, ONTEC S C1(W1,F1) 02 CBM, ONTEC S C1(W1,F1) CB, ONTEC S C1(W1,F1) CB+, ONTEC S C1(W1,F1) CBA, ONTEC S C1(W1,F1) CBM, ONTEC S E1P 01 CB, ONTEC S E1P 01 CB+, ONTEC S E1P 01 CBA, ONTEC S E1P 01 CBM, ONTEC S M1 CB, ONTEC S M1 CB+, ONTEC S M1 CBA, ONTEC S M1 CBM, ONTEC S M2 02 CB, ONTEC S M2 02 CB+, ONTEC S M2 02 CBA, ONTEC S M2 02 CBM, ONTEC S M5(C2,W2,F2) 05 CB, ONTEC S M5(C2,W2,F2) 05 CB+, ONTEC S M5(C2,W2,F2) 05 CBA and ONTEC S M5(C2,W2,F2) 05 CBM
Rated voltage	: 210-250 VAC / 186-254 VDC
Rated frequency	: 50-60Hz / DC
Class	: II
Degree of protection	: IP65
Description	: centrally supplied emergency luminaires

**Product data – type ONTEC S C1(W1,F1) 02 CB**

Rated power	: 3,5 W
Ambient temperature range (ta)	: -15°C to +55°C

**Product data – type ONTEC S C1(W1,F1) CB**

Rated power	: 4,5 W
Ambient temperature range (ta)	: -15°C to +55°C

**Product data – type ONTEC S C1(W1,F1) CB+**

Rated power	: 3,9 W
Ambient temperature range (ta)	: -15°C to +55°C

**Product data – type ONTEC S C1(W1,F1) CBA**

Rated power	: 5,5 W
Ambient temperature range (ta)	: -10°C to +40°C

**Product data – type ONTEC S C1(W1,F1) CBM**

Rated power	: 4,0 W
Ambient temperature range (ta)	: -15°C to +55°C

**Product data – type ONTEC S C1(W1,F1) 02 CB+**

Rated power	: 3,2 W
Ambient temperature range (ta)	: -15°C to +55°C

**Product data – type ONTEC S C1(W1,F1) 02 CBA**

Rated power	: 4,0 W
Ambient temperature range (ta)	: -10°C to +40°C

**Product data – type ONTEC S C1(W1,F1) 02 CBM**

Rated power : 3,3 W  
Ambient temperature range (ta) : -15°C to +55°C

**Product data – type ONTEC S E1P 01 CB**

Rated power : 2,0 W  
Ambient temperature range (ta) : -15°C to +55°C

**Product data – type ONTEC S E1P 01 CB+**

Rated power : 1,9 W  
Ambient temperature range (ta) : -15°C to +55°C

**Product data – type ONTEC S E1P 01 CBA**

Rated power : 3,5 W  
Ambient temperature range (ta) : -10°C to +40°C

**Product data – type ONTEC S E1P 01 CBM**

Rated power : 1,7 W  
Ambient temperature range (ta) : -15°C to +55°C

**Product data – type ONTEC S M1 CB**

Rated power : 4,5 W  
Ambient temperature range (ta) : -15°C to +55°C

**Product data – type ONTEC S M1 CB+**

Rated power : 3,7 W  
Ambient temperature range (ta) : -15°C to +55°C

**Product data – type ONTEC S M1 CBA**

Rated power : 5,5 W  
Ambient temperature range (ta) : -10°C to +40°C

**Product data – type ONTEC S M1 CBM**

Rated power : 3,8 W  
Ambient temperature range (ta) : -15°C to +55°C

**Product data – type ONTEC S M2 02 CB**

Rated power : 4,3 W  
Ambient temperature range (ta) : -15°C to +55°C

**Product data – type ONTEC S M2 02 CB+**

Rated power : 4,5 W  
Ambient temperature range (ta) : -15°C to +55°C

**Product data – type ONTEC S M2 02 CBA**

Rated power : 4,8 W  
Ambient temperature range (ta) : -10°C to +40°C

**Product data – type ONTEC S M2 02 CBM**

Rated power : 4,3 W  
Ambient temperature range (ta) : -15°C to +55°C

**Product data – type ONTEC S M5(C2,W2,F2) 05 CB**

Rated power : 6,5 W  
Ambient temperature range (ta) : -15°C to +55°C

**Product data – type ONTEC S M5(C2,W2,F2) 05 CB+**

Rated power : 5,9 W  
Ambient temperature range (ta) : -15°C to +55°C

**Product data – type ONTEC S M5(C2,W2,F2) 05 CBA**

Rated power : 7,0 W  
Ambient temperature range (ta) : -10°C to +40°C

**Product data – type ONTEC S M5(C2,W2,F2) 05 CBM**

Rated power : 6,0 W  
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 343206700.

**Additional information**

The list of components is laid down in test report 3432067.50.

**Conclusion**

The examination has confirmed that all requirements were met.

**Factory location**

The factory location is registered with the number 13932.

**Production key:**

ONTEC S Xnm pp w

Code	possible variants	description
X	M	without optics
	C	with Emerald-A optic
	W	with Strada-FT optic
	F	luminaire with Flare-MINI optic
	E	luminaire with evacuation sign
n	1	1 LED for C,W,F or 7 LED for M or 14 LED for E
	2	2 LED for C,W,F or 14 LED for M
	5	2 LED for M
m	P	evacuation version with pictogram, luminance > 200 cd/m <sup>2</sup>
	(blank)	for other models
pp	01	1 W LED power
	02	2 W LED power
	05	5 W LED power
w	CB	without additional module
	CBA	version with addressable module 010312
	CBM	central battery with addressable module and modulated transmission
	CB+	central battery with no addressable module (supports modified mode - the possibility of non-maintained operation)