

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 with LED's
Trade name(s) : TM TECHNOLOGIE
Type(s)/model(s) : TM.ONTEC S30 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

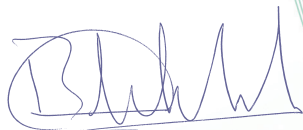
DEKRA hereby grants the right to use the ENEC certification mark.

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 29 November 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 88-133122

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



Miranda Zhou
Certification Manager

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ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Emergency luminaires with LED's
Trade name(s)	: TM TECHNOLOGIE
Type(s)/model(s)	: TM.ONTEC S30 C2 180 M w, TM.ONTEC S30 C2 180 NM w, TM.ONTEC S30 C2 60 M w, TM.ONTEC S30 C2 60 NM w, TM.ONTEC S30 C5 180 M w, TM.ONTEC S30 C5 180 M w COLD, TM.ONTEC S30 C5 180 NM w, TM.ONTEC S30 C5 180 NM w COLD, TM.ONTEC S30 C5 60 M w, TM.ONTEC S30 C5 60 M w COLD, TM.ONTEC S30 C5 60 NM w, TM.ONTEC S30 C5 60 NM w COLD, TM.ONTEC S30 CC5 180 M w, TM.ONTEC S30 CC5 180 M w COLD, TM.ONTEC S30 CC5 180 NM w, TM.ONTEC S30 CC5 180 NM w COLD, TM.ONTEC S30 CC5 60 M w, TM.ONTEC S30 CC5 60 M w COLD, TM.ONTEC S30 CC5 60 NM w, TM.ONTEC S30 CC5 60 NM w COLD, TM.ONTEC S30 CC 180 M w, TM.ONTEC S30 CC 180 NM w, TM.ONTEC S30 CC 60 M w, TM.ONTEC S30 CC 60 NM w, TM.ONTEC S30 CW5 180 M w, TM.ONTEC S30 CW5 180 M w COLD, TM.ONTEC S30 CW5 180 NM w, TM.ONTEC S30 CW5 180 NM w COLD, TM.ONTEC S30 CW5 60 M w, TM.ONTEC S30 CW5 60 M w COLD, TM.ONTEC S30 CW5 60 NM w, TM.ONTEC S30 CW5 60 NM w COLD, TM.ONTEC S30 CW 180 M w, TM.ONTEC S30 CW 180 NM w, TM.ONTEC S30 CW 60 M w, TM.ONTEC S30 CW 60 NM w, TM.ONTEC S30 F2 180 M w, TM.ONTEC S30 F2 180 NM w, TM.ONTEC S30 F2 60 M w, TM.ONTEC S30 F2 60 NM w, TM.ONTEC S30 F5 180 M w, TM.ONTEC S30 F5 180 M w COLD, TM.ONTEC S30 F5 180 NM w, TM.ONTEC S30 F5 180 NM w COLD, TM.ONTEC S30 F5 60 M w, TM.ONTEC S30 F5 60 M w COLD, TM.ONTEC S30 F5 60 NM w, TM.ONTEC S30 F5 60 NM w COLD, TM.ONTEC S30 FF5 180 M w, TM.ONTEC S30 FF5 180 M w COLD, TM.ONTEC S30 FF5 180 NM w, TM.ONTEC S30 FF5 180 NM w COLD, TM.ONTEC S30 FF5 60 M w, TM.ONTEC S30 FF5 60 M w COLD, TM.ONTEC S30 FF5 60 NM w, TM.ONTEC S30 FF5 60 NM w COLD, TM.ONTEC S30 FF 180 M w, TM.ONTEC S30 FF 180 NM w, TM.ONTEC S30 FF 60 M w, TM.ONTEC S30 FF 60 NM w, TM.ONTEC S30 M1X 60/180 M/NM w, TM.ONTEC S30 M1 180 M w, TM.ONTEC S30 M1 180 NM w, TM.ONTEC S30 M1 60 M w, TM.ONTEC S30 M1 60 NM w, TM.ONTEC S30 M2 180 M w, TM.ONTEC S30 M2 180 NM w,

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Rated voltage	: 210-250 Vac
Rated frequency	: 50-60 Hz
Class	: II
Degree of protection	: IP44/IP65
Ambient temperature range (ta)	: +5 °C to +40 °C -15 °C to +40 °C for COLD versions
Description	: self-contained luminaires
IK rating	: IK08

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 343139800.

Additional information

The IK-code was tested according to IEC TR 62696:2011 (with reference to EN 62262:2002 + A1:2021).

The list of components is laid down in test report 3431398.50.

Conclusion

The examination proved that all requirements were met.

Factory location

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

Production key:

TM.ONTEC S_X Y Zz_w_V

Code	possible variants	description
X	30	visibility 30m
Y	M1, M2, M5	antipanic
	M1X	antipanic universal
	C2, C5	escape route - low installation
	W2, W5	antipanic / lighting of fire-protection devices
	F2, F5	escape route - high installation
	S2, S5	antipanic SQ
	CC, CC5	corridor intersection - low installation
	FF, FF5	corridor intersection - high installation
	SC, SC5	antipanic + escape route
	SW, SW5	pictogram + door lighting / pictogram + lighting of fire-protection devices
	CW, CW5	corridor + door lighting
Z	M	maintained
	NM	non-maintained
z	60	60 minutes
	180	180 minutes
w	ST	button test
	AT	auto-test / self-test
	DATA	with addressable module for self-contained system DATA
	DATA2	with addressable module for self-contained system DATA 2
	DATA2 RADIO	with addressable module for self-contained system DATA 2 RADIO (+ socket for connecting an external radio module IQRF)
	DALI	for digital lighting control system DALI
V	COLD	temperature lowered down to -15°C
	(empty)	standard version