

OVE Austrian Electrotechnical Association
Eschenbachgasse 9 | 1010 Wien | Austria
ZVR: 327279890 | www.ove.at



OVE Certification
Kahlenberger Str. 2A | 1190 Wien | Austria
T +43 1 370 58 06 | certification@ove.at

ENEC Certification Body registered under ID # 11.

Validity of ENEC Licences can be checked at www.enec.com

LICENCE

to use the European Mark



Licence No.: **22159-021**

Date of issue: Wien, 2024 11 29

OVE the Austrian Electrotechnical Association as signatory to the **"Agreement on the use of a commonly agreed Mark of Conformity for certain electrical equipment complying with European Standards"** hereby grants the right to label the products mentioned hereunder and listed in the Annex with the Mark(s) shown above to the following company

Licensee: **Zumtobel Lighting GmbH**
Grevenmarschstr. 74-78
32657 Lemgo
Germany

Product: **Fixed general purpose luminaires**

Trade Mark: **THORN**

Series/Type: **CHALICE**

Basis for this given right is the conformity of the products with the requirements of the relevant Standard(s) as listed in the Annex and the fulfilment of articles 8 and 9 of the ENEC-Agreement by the manufacturer. This licence refers to the tested specimen and to all products manufactured strictly identical to the submitted one.

This licence has been issued under the presumption and conditional on the fact that the licensee holds all necessary legal rights with regard to the product presented for testing and certification.

Österreichischer Verband für Elektrotechnik
Head of OVE Certification

T. Neumayer

Digitally signed by T. Neumayer
Email: t.neumayer@ove.at

Dipl.-Ing. T. Neumayer



OVE Certification

Accredited by the Austrian National Accreditation Body as Certification Body for products within the scope as given in the official decree and published under <https://akkreditierung-austria.gv.at>.



<i>Hersteller Manufacturer</i>	Zumtobel Lighting GmbH Grevenmarschstr. 74-78 32657 Lemgo Germany
<i>Fertigungsstätte(n) Factory location(s)</i>	Zumtobel Lighting GmbH Grevenmarschstr. 74-78 32657 Lemgo Germany
<i>Typenbezeichnung Type reference</i>	CHAL3 MSF 125 ..., CHAL3 MSF 180 ..., see typecode on page 5.
<i>Prüfbericht Test Report</i>	TR 22159-0023-01 ECS
<i>Nationale Bestimmung(en) National Standard(s)</i>	OVE EN IEC 60598-1:2022-04-01 OVE EN IEC 60598-1/A11:2023-02-01 OVE EN IEC 60598-2-1:2021-12-01
<i>Europannorm(en) European Standard(s)</i>	EN IEC 60598-1:2021 EN IEC 60598-1:2021/A11:2022 EN IEC 60598-2-1:2021
<i>Ersatz für Zertifikat Superseded licence</i>	--
<i>Anmerkung(en) Remark(s)</i>	--

OVE Certification

Accredited by the Austrian National Accreditation Body as Certification Body for products within the scope as given in the official decree and published under <https://akkreditierung-austria.gv.at>.

<i>Nennspannung</i> <i>Rated voltage</i>	AC 220-240 V; 50/60 Hz; DC 220-240 V
<i>Anzahl und Leistung der Lampen</i> <i>Rated wattage and number of lamps</i>	1x LED module, see typelist on page 6.
<i>Lampentyp(en)</i> <i>Lamp identification</i>	LED modules DLE 42mm and DLE 67mm.
<i>Schutzgrad</i> <i>Degree of protection</i>	IP20 (pendant) IP43 IP54 (for types CHAL3 MSF ... IP54)
<i>Netzanschluss</i> <i>Supply connection</i>	Screwless terminals
<i>Befestigungsfläche</i> <i>Supporting surface</i>	Normally flammable surface
<i>Schutzklasse</i> <i>Class of protection</i>	CI.I
<i>Beschreibung des Aufbaus</i> <i>Description of construction</i>	Fixed luminaires for indoor use, ceiling surface mounting (pendant with an accessory). Housing made of aluminium die-cast.
<i>Zusatzinformation</i> <i>Additional information</i>	--

OVE Certification

Accredited by the Austrian National Accreditation Body as Certification Body for products within the scope as given in the official decree and published under <https://akkreditierung-austria.gv.at>.

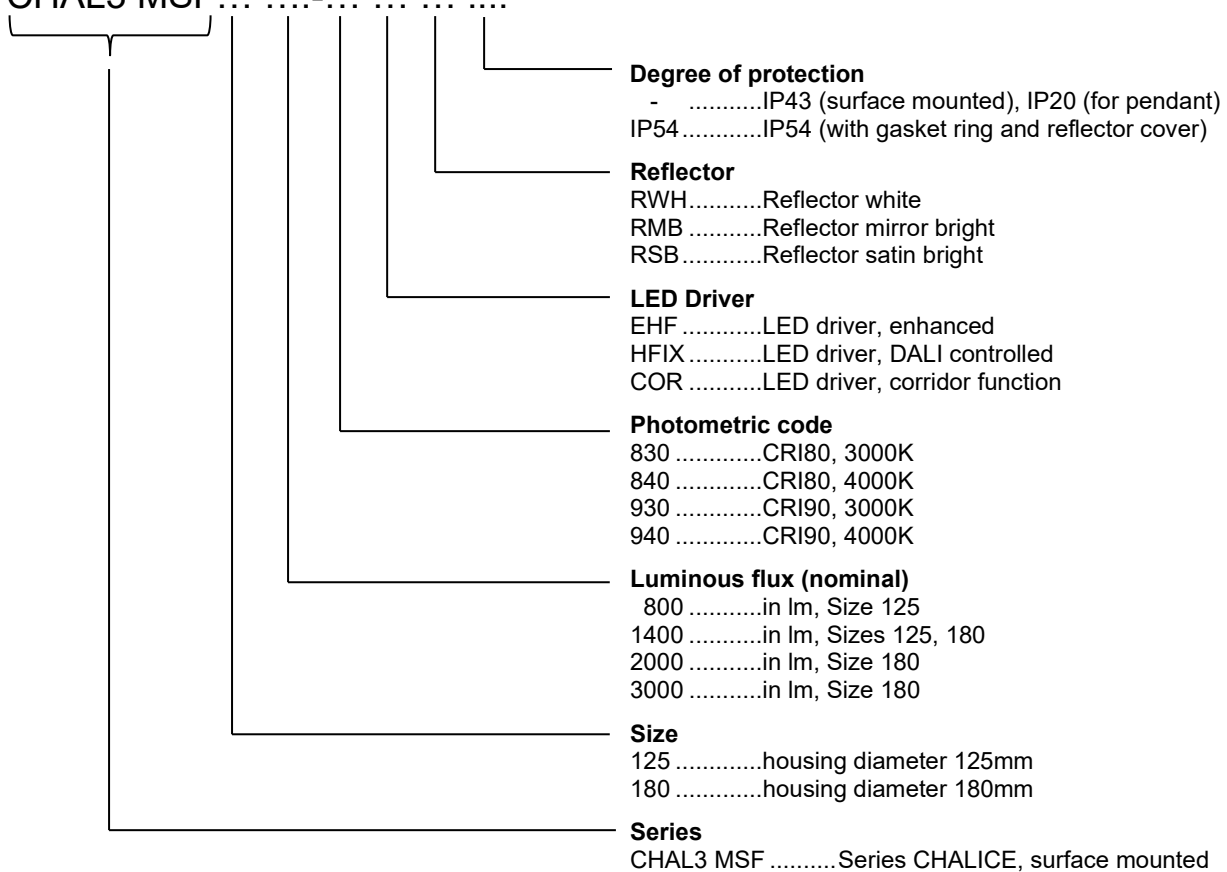
<i>Bauteil</i> <i>Component</i>	<i>Code</i> <i>Code</i>	<i>Hersteller</i> <i>Manufacturer</i>	<i>Typenbezeichnung</i> <i>Type Reference</i>	<i>Konformitätszeichen</i> <i>Mark(s) of conformity</i>
<i>LED control gear</i>				
<i>EHF-version</i>	B	Tridonic	LC 14/100-400/42 flexC NF SC EXC3	ENEC 11
	B	Tridonic	LC 28/300-700/42 flexC NF SC EXC3	ENEC 11
<i>HFIX & COR-version</i>	B	Tridonic	LC 14/100-400/42 o4a NF SC EXC3	ENEC 11
	B	Tridonic	LC 28/300-700/42 o4a NF SC EXC3	ENEC 11
<i>LED modules</i>	A*	Tridonic	DLE 42mm 1900lm ... CRI 80/90, RG1, 3000/4000K	ÖVE
	A*	Tridonic	DLE 67mm 4000lm ... CRI 80/90, RG1, 3000/4000K	ÖVE
	A*	Tridonic	DLE 42mm 2000lm ... S CRI 80/90, RG1, 3000/4000K	ÖVE
	A*	Tridonic	DLE 67mm 3000lm ... M CRI 80/90, RG1, 3000/4000K	ÖVE
	A*	Tridonic	DLE 67mm 3000lm ... M2 CRI 80/90, RG1, 3000/4000K	ÖVE
<i>Internal wiring</i>	A	Helukabel	H05Z-K 300/500V; 0,5mm²; 90°C	HAR
	B	Excellent cable & wire Co. Ltd.	TPE 0,5mm²/2C Twin Cable (LSZH) 20AWG 300V; 2x0,5mm², 105°C	Checked within appliance
<i>Connector</i>	B	Phoenix	PTSM/PTCM 0,5 160/230V; 6A; 105°C	VDE
	B	TE Connectivity	EP 2.5 250V; 4,1/3,6A; 105°C; PA 66	VDE
<i>Terminal block</i>	A	Elektro Terminal	SLK7 250/400V; 16A; T85	ÖVE
<i>Shrink tube black</i>	C	Hamburg Industries	3,5x50mm black HGF	UL, checked within appliance
<i>Reflector housing</i>	C	Covestro	PC, Makrolon RW5181, WH	Checked within appliance
<i>Reflector insert (RSB, RMB)</i>	C	Sabic	PC, Lexan 123R-80287 WH	Checked within appliance
<i>Diffusor disc</i>	C	Covestro	PC, Makrolon DQ5122, opal	Checked within appliance
<i>Reflector cover (IP54-version)</i>	C	Sabic	PC Lexan ML3729, clear	Checked within appliance
<i>Gasket ring (IP54-version)</i>	C	Zumtobel	Silicon, clear	Checked within appliance
A	The component is replaceable with another one, also certified, with equivalent characteristics.			
A*	The component is replaceable with another one according to ETF5-OSM-LUM/DSH 2057			
B	The component is replaceable if authorised by the test house.			
C	Integrated component tested together with the appliance.			
D	Alternative component.			

OVE Certification

Accredited by the Austrian National Accreditation Body as Certification Body for products within the scope as given in the official decree and published under <https://akkreditierung-austria.gv.at>.

Typecode:

CHAL3 MSF.....-



Accessories:

CHAL3 ASI1 O-L suspension means

CHAL3 ASI2 O-L suspension means

OVE Certification

Accredited by the Austrian National Accreditation Body as Certification Body for products within the scope as given in the official decree and published under <https://akkreditierung-austria.gv.at>.

Typelist:

Type	Size [mm]	Luminous flux [lm]	LED module	Current setting [mA]	Max. rated power [W]
CHAL3 MSF125 800-czz eee rrr ...	125	800	DLE 42mm 1900lm 8.. DLE 42mm 2000lm 9.. S	200	8,4
CHAL3 MSF125 1400-czz eee rrr ...	125	1400	DLE 42mm 2000lm 8.. S DLE 42mm 2000lm 9.. S	400	16,0
CHAL3 MSF180 1400-czz eee rrr ...	180	1400	DLE 67mm 4000lm 8.. DLE 67mm 3000lm 9.. M2	300	12,7
CHAL3 MSF180 2000-czz eee rrr ...	180	2000	DLE 67mm 3000lm 8.. M DLE 67mm 3000lm 9.. M2	400	16,9
CHAL3 MSF180 3000-czz eee rrr ...	180	3000	DLE 67mm 3000lm 8.. M DLE 67mm 3000lm 9.. M2	650	27,2

Description:

c CRI: 8 = CRI > 80, 9 = CRI > 90
 zz CCT: 30 = 3000K, 40 = 4000K
 eee gear version: EHF, HFIX, COR
 rrr reflector/optic: RMB, RWH, RSB

OVE Certification

Accredited by the Austrian National Accreditation Body as Certification Body for products within the scope as given in the official decree and published under <https://akkreditierung-austria.gv.at>.