



Ref. Certif. No.

**AT 5191**

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

### CB TEST CERTIFICATE

Product

Fixed, ceiling mounted luminaires

Name and address of the applicant

Zumtobel Lighting GmbH  
Grevenmarschstr. 74-78,  
32657 Lemgo, Germany

Name and address of the manufacturer

Zumtobel Lighting GmbH  
Grevenmarschstr. 74-78,  
32657 Lemgo, Germany

Name and address of the factory

Zumtobel Lighting GmbH  
Grevenmarschstr. 74-78,  
32657 Lemgo, Germany

Note: When more than one factory, please report on page 2

Additional Information on page 2

Ratings and principal characteristics

220-240 V; 0/50/60 Hz; Cl.I; IP20 or IP43 or IP54; LED 7,3 - 27,2 W

Trademark / Brand (if any)

THORN

Customer's Testing Facility (CTF) Stage used

CTF Stage 3

Model / Type Ref.

Series CHALICE, see typecode on page 2.

Additional information (if necessary may also be reported on page 2)

See test report for information about National and/or Group Differences.

Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 60598-1:2020  
IEC 60598-2-1:2020

As shown in the Test Report Ref. No. which forms part of this Certificate

TR 22159-0023-01

This CB Test Certificate is issued by the National Certification Body



**Österreichischer Verband für Elektrotechnik**

OVE Certification

Kahlenberger Str. 2A, 1190 Wien, Austria



*T. Neumayer*

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

Signature: Dipl.-Ing. T. Neumayer

Date: 2024-11-29

Typecode:

CHAL3 MSF

**Degree of protection**

- ..... IP43 (surface mounted), IP20 (for pendant)  
IP54..... IP54 (with gasket ring and reflector cover)

**Reflector**

RWH ..... Reflector white  
RMB ..... Reflector mirror bright  
RSB..... Reflector satin bright

**LED Driver**

EHF ..... LED driver, enhanced  
HFIX..... LED driver, DALI controlled  
COR ..... LED driver, corridor function

**Photometric code**

830 ..... CRI80, 3000K  
840 ..... CRI80, 4000K  
930 ..... CRI90, 3000K  
940 ..... CRI90, 4000K

**Luminous flux (nominal)**

800 ..... in lm, Size 125  
1400 ..... in lm, Sizes 125, 180  
2000 ..... in lm, Size 180  
3000 ..... in lm, Size 180

**Size**

125 ..... housing diameter 125mm  
180 ..... housing diameter 180mm

**Series**

CHAL3 MSF ..... Series CHALICE, surface mounted

**Accessories:**

CHAL3 ASI1 O-L..... suspension means  
CHAL3 ASI2 O-L ..... suspension means

**Additional information (if necessary)**

*T. Neumayer*  
Digitally signed by T. Neumayer  
Email=t.neumayer@ove.at  
Signature: Dipl.-Ing. T. Neumayer

Date: 2024-11-29