

OVE Austrian Electrotechnical Association
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OVE Certification
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ENEC Certification Body registered under ID # 11.

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LICENCE

to use the European Mark



Licence No.: **251-130**

Date of issue: Wien, 2012 11 12
Rev. No.: 03 Wien, 2023 10 31

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**
Schweizer Str. 30
6850 Dornbirn
Austria

Product: **Escape sign emergency luminaires with limited surface temperatures**

Trade Mark:  **ZUMTOBEL**

Series/Type: **CROSSIGN ... P MSC...**

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



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<i>Hersteller Manufacturer</i>	Zumtobel Lighting GmbH Schweizer Str. 30 6850 Dornbirn Austria
* <i>Fertigungsstätte(n) Factory location(s)</i>	ZG Lighting SRB doo Ulica Cumtobel br. 1 18000 Nis Serbia Zumtobel Lighting GmbH Schweizer Str. 30 6850 Dornbirn Austria
<i>Typenbezeichnung Type reference</i>	Series CROSSIGN ... P MSC..., see page 5
* <i>Prüfbericht Test Report</i>	TR-251-0175-01 ECS, TR-251-0175-02 ECS, TR-251-0175-04 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 60598-2-22:2023-08-01 ÖVE/ÖNORM EN 60598-2-24:2014-05-01
* <i>Europanorm(en) European Standard(s)</i>	EN IEC 60598-1:2021 EN IEC 60598-1:2021/A11:2022 EN IEC 60598-2-22:2022 EN 60598-2-24:2013
* <i>Ersatz für Zertifikat Superseded licence</i>	251-130 Rev. 02 dated 2019 10 14 Items modified are marked with an asterisk (*)
* <i>Anmerkung(en) Remark(s)</i>	 Marking for luminaires with limited surface temperature according to EN 60598-2-24.

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* <i>Nennspannung</i> <i>Rated voltage</i>	220-240 V; 50/60 Hz for self-contained luminaires; 220-240 V; 0/50/60 Hz for centrally supplied luminaires
<i>Anzahl und Leistung der Lampen</i> <i>Rated wattage and number of lamps</i>	1 x LEM S18..., 1 x LEM S18/2..., 1 x LEM S24..., 1 x LEM S24/2...,
<i>Lampentyp(en)</i> <i>Lamp identification</i>	LED modules (ILCOS: DSL)
<i>Schutzgrad</i> <i>Degree of protection</i>	IP42 (MSC), IP54 (MSC 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.II
<i>Beschreibung des Aufbaus</i> <i>Description of construction</i>	Escape sign emergency luminaire with limited surface temperature for wall-, suspended- or ceiling-mounting. Housing and cover with escape sign are made of polycarbonate. Escape-route illumination (ERI) function provided by two additional high power LEDs and asymmetric lenses with 360° adjustment, latched in 90° positions.
* <i>Zusatzinformation</i> <i>Additional information</i>	Light source classified as RG1(low risk).

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<i>Bauteil</i> <i>Component</i>	<i>Code</i>	<i>Hersteller</i> <i>Code Manufacturer</i>	<i>Typenbezeichnung</i> <i>Type Reference</i>	<i>Konformitätszeichen</i> <i>Mark(s) of conformity</i>
<i>LED module</i>	A*	Zumtobel	LEM S18..., LEM S18/2..., LEM S24..., LEM S24/2...	ÖVE
<i>LED control gear</i>	B	Tridonic	EM powerLED NTx 102 DIM 5W ZUM	ENEC 12
	B	Tridonic	EM powerLED NSI 100 DIM 5W ZUM	ENEC 12
	B	Tridonic	EM powerLED NDA 100 DIM 5W ZUM	ENEC 12
	B	Tridonic	EM powerLED NPS 100 DIM 5W ZUM	ENEC 12
<i>* ESSS</i>	A	GP	GP220SCHT; NiMH; 1,2 V, 0 2,2 Ah	CB (DK-87294-UL)
<i>*</i>	A	GP	400LALHT; NiMH; 1,2 V; 4,0 Ah	CB (DK-98228-UL)
<i>Terminal</i>	A	Electro Terminal	SLK 5; 450V; 24A; 0,5-2,5 mm²; T85	ENEC 11
<i>* Wiring</i>	A	Leoni	Ecosense LI2X-U; 300/500 V; 0,5 mm²; 110°C	BBJ
	C	Huber + Suhner	RADOX/ UL 3266 / CSA AWM I A/B; 300 V; 0,38mm²(AWG22)	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 OD-5002-3:2015

B The component is replaceable if authorised by the test house.

C Integrated component tested together with the appliance.

D Alternative component.

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Typecode:

CROSSIGN ... P MSC

Country specific

None
BAES.....France

Degree of protection

none
IP54

Luminaire colour

WH White
BK Black

Escape Route Illumination (ERI)

None
ERI

Supply version

Supply Version

E1D	Emergency 1 hour self-contained	DALI
E2D	Emergency 2 hour self-contained	DALI
E3D	Emergency 3 hour self-contained	DALI
ECC	Emergency Central battery	Circuit Monitoring
ECD	Emergency Central battery	DALI
ECP	Emergency Central battery	Powerline

Mounting version

MSC **M**ounting **S**urface **C**eiling

Luminaire version

Dimension lumineuse

110, 160

Luminaire series

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Accessories:

Accessories self-contained luminaires:

CROSSIGN 110+160 AW 180°
CROSSIGN 110 AW 90°
CROSSIGN 110+160 ASI 2500
CROSSIGN 110+160 API 500
CROSSIGN 160 AW 90°
CROSSIGN 160 Sealing Set
CROSSIGN 160 SP-1L
CROSSIGN 160 SP-1R
CROSSIGN 160 SP-2D
CROSSIGN 160 SP-2LR
CROSSIGN 110 SP-1D
CROSSIGN 110 SP-1L
CROSSIGN 110 SP-1R
CROSSIGN 110 SP-2D
CROSSIGN 110 SP-2LR
CROSSIGN 160 SP-1D
CROSSIGN 160 SP-1L TSW
CROSSIGN 160 SP-1R TSW
CROSSIGN 160 SP-1D TSW

CROSSIGN 160 SP-2LR TSW
CROSSIGN 160 SP-2D TSW
CROSSIGN 110 SP-1UPR
CROSSIGN 110 SP-1DR
CROSSIGN 110 SP-1UPL
CROSSIGN 110 SP-1DL
CROSSIGN 110 SP-2UPLR
CROSSIGN 110 SP-2DLR
CROSSIGN 110 SP-2UP
CROSSIGN 110 SP-1UP
CROSSIGN 160 SP-1UP
CROSSIGN 160 SP-2UP
CROSSIGN 160 SP-1UPR
CROSSIGN 160 SP-1DR
CROSSIGN 160 SP-1UPL
CROSSIGN 160 SP-1DL
CROSSIGN 160 SP-2UPLR
CROSSIGN 160 SP-2DLR

Accessories for centrally supplied luminaires:

CROSSIGN 110/160 P MSC-CORD20 suspension
CROSSIGN 110/160 P MSC-R05 suspension
PURESIGN/CROSSIGN P ERI SET 20 PCS.
CROSSIGN 110/160 P MSW bracket
CROSSIGN 160 P MS90° bracket
CROSSIGN 110 P MS90° bracket
SAFETYSIGNS P BP Grid

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Typecode Pictogram:

CROSSIGN ... -

	Escape direction
	None
	L, UPL, UP, UPR, R, DR, D, DL, LR, UPLR, DLR
	E001 – E099 Evacuation route signs
	F001 – F099 Fire Equipment signs
	M001 – M099 Mandatory action signs
	P001 – P099 Prohibition signs
	W001 – W099 Warning signs
	Printed side
	1 One-sided
	2 Double-sided sign
	Reference number ISO 7010
	SP E001/E002
	WP E026/E030
	E001 – E099 Evacuation route signs
	F001 – F099 Fire Equipment signs
	M001 – M099 Mandatory action signs
	P001 – P099 Prohibition signs
	W001 – W099 Warning signs
	Luminaire version
	None
	P Pictogram
	Pictogram height
	110, 160
	Luminaire series

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