

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.: **251-205**

Date of issue: Wien, 2020 03 04
Rev. No.: 01 Wien, 2024 04 23

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: **Recessed escape sign emergency luminaire**

Trade Mark:  **ZUMTOBEL**

Series/Type: **PURESIGN ... 150 P MR...**

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



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 PURESIGN ... 150 P MR..., see page 5
* <i>Prüfbericht Test Report</i>	TR-251-0177-01 ECS, TR-251-0177-02 ECS, TR-251-0177-03 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 ÖVE/ÖNORM EN 60598-2-2:2012-11-01 OVE EN IEC 60598-2-22:2023-08-01
* <i>Europanorm(en) European Standard(s)</i>	EN IEC 60598-1:2021 EN IEC 60598-1:2021/A11:2022 EN 60598-2-2:2012 EN IEC 60598-2-22:2022
* <i>Ersatz für Zertifikat Superseded licence</i>	251-205 dated 2020 03 04 Items modified are marked with an asterisk (*)
* <i>Anmerkung(en) Remark(s)</i>	--

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<i>Nennspannung</i> <i>Rated voltage</i>	For centrally supplied types: 220-240 V, 0/50/60 Hz; For battery supplied types: 220-240 V, 50/60 Hz
<i>Anzahl und Leistung der Lampen</i> <i>Rated wattage and number of lamps</i>	1x LEM S24..., 1x LEM S24/2...
* <i>Lampentyp(en)</i> <i>Lamp identification</i>	LED modules
<i>Schutzgrad</i> <i>Degree of protection</i>	IP20/IP40
<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>	Cl. I
<i>Beschreibung des Aufbaus</i> <i>Description of construction</i>	Escape sign emergency luminaire for fixed recessed installation with metal housing and exit sign cover. Luminaire can be installed with a Puresign or a Comsign Pictogram. The escape sign from both pictograms are digitally printed. The Puresign 150 P MRW and Puresign 150 P MRC types can be ordered with ERI function. 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 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>Battery</i>	A	GP	GP220SCHT; 1,2 V; 2200mAh; T=50°C	CB (DK-87294-UL)
*	A	GP	400LALHT; 1,2 V 4000mAh; T=50°C	CB (DK-98228-UL)
<i>Terminal</i>	A	Electro Terminal	SLK 3; 450V; 24A; 0,5-2,5 mm²; T110	ENEC 11
	A	Electro Terminal	SLK 5; 450V; 24A; 0,5-2,5 mm²; T85	ENEC 11
	A	Electro Terminal	SDKF; 450V; 24A; 0,2-2,5 mm²; T85	ENEC 11
	A	Wago	224-112; 400V; 24A; 0,5-2,5 mm²; T105	VDE
* <i>Wiring</i>	A	Leoni	Ecosense LI2X-U; 300/500 V; 0,5-1 mm²; 110°C	BBJ
	C	Huber + Suhner	RADOX/ UL 3266 / CSA AWM I A/B; 300 V; 0,38-0,96 mm² (AWG22-18), 125°C	Checked within appliance
	C	Reutlinger	Cu/Vz-Seil 013.660.135; 600 V; 0,5 mm²; 180°C	Checked within appliance
* <i>Sleeve</i>	C	Kremer	Polytex HE; 155°C; 6 mm	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.				

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Typecode:

PURESIGN..... 150 P

Luminaire colour

WHWhite
BKBlack
SRSilver

Escape Route Illumination (ERI)

None
ERI

Supply version

ECCEmergency Central battery Circuit
Monitoring
ECDEmergency Central battery DALI
ECPEmergency Central battery Powerline
E1DEmergency 1 hour self-contained DALI
E2DEmergency 2 hour self-contained DALI
E3DEmergency 3 hour self-contained DALI
E8DEmergency 8 hour self-contained DALI

Mounting version

MRCMounting Recessed Ceiling
MRWMounting Recessed Wall
MRC-WF15Mounting Recessed Ceiling –
Wire Feed length 1,5m
MRCR-WF15Mounting Recessed Ceiling
Remote – Wire Feed length 1,5m

Luminaire version

Pictogram height

Product family

None for Versions with ERI
/COMSIGN for Versions without ERI

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Accessories:

PURESIGN 150 MRW CCS
PURESIGN/COMSIGN 150 MRC CCS
PURESIGN/CROSSIGN P ERI SET 20 PCS.
SAFETYSIGNS P BP Grid

Typecode Pictogram:

.....	Escape Route Illumination (ERI)	None ERI
	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
	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
	Mounting version	MSC/MRC MSW/MRW MSC/MRC/TEC-GP MSC-WF/MRC-WF/MRCR-WF
	Pictogram version	None P
	Pictogram height	None 150
	Product family	PURE PURESIGN COM COMSIGN

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