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ENEC Certification Body registered under ID # 11.

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LICENCE

to use the European Mark



Licence No.: **251-206**

Date of issue: Wien, 2020 03 19
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: **Escape sign emergency luminaire with limited surface temperature**

Trade Mark:  **ZUMTOBEL**

Series/Type: **PURESIGN 150 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



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 MSC..., see page 5
* <i>Prüfbericht Test Report</i>	TR-251-0178-01 ECS, TR-251-0178-02 ECS, TR-251-0178-03 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 OVE EN IEC 60598-2-22:2023-08-01 ÖVE/ÖNORM EN 60598-2-24:2014-05-01
* <i>Europannorm(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Ersatz für Zertifikat Superseded licence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>	251-206 dated 2020 03 19 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>	IP42 (MSC) or IP40 (MSC-WF15)
<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 with limited surface temperature for fixed 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 MSC type 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 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.

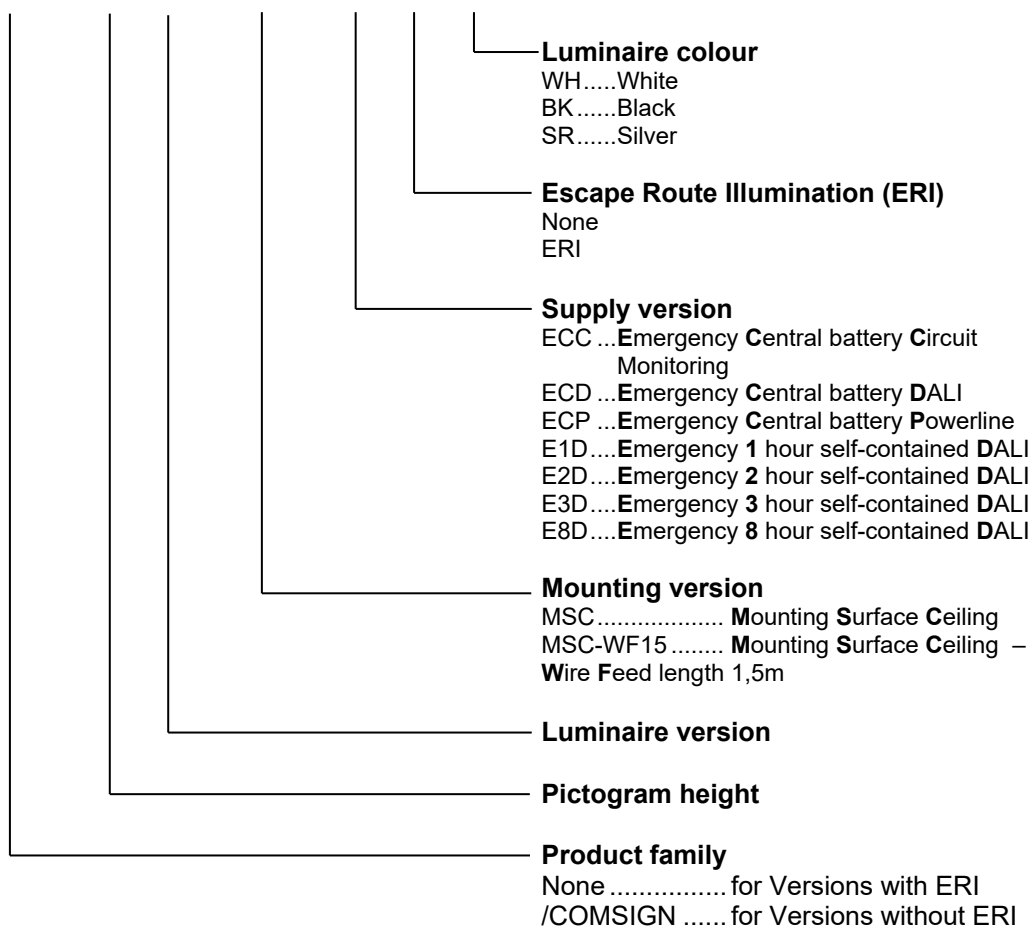
D Alternative component.

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Typecode:

PURESIGN..... 150 P



Accessories:

COMSIGN 150 MSW ECx bracket
COMSIGN 150 MSW ExD bracket
PURESIGN/COMSIGN 150 P FCC ExD side feed
PURESIGN/COMSIGN 150 P FCC ECx side feed
PURESIGN/COMSIGN 150 MS90° ExD bracket
PURESIGN/COMSIGN 150 MS90° ECx bracket
PURESIGN/CROSSIGN P ERI SET 20 PCS.
SAFETYSIGNS P BP Grid

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graph TD
    Signs --> ERI[Escape Route Illumination (ERI)]
    Signs --> ED[Escape direction]
    Signs --> PS[Printed side]
    Signs --> RNI[Reference number ISO 7010]
    Signs --> MV[Mounting version]
    Signs --> PV[Pictogram version]
    Signs --> PH[Pictogram height]
    Signs --> PF[Product family]
    ERI --> None1[None]
    ERI --> ERI1[ERI]
    ED --> None2[None]
    ED --> L[ L, UPL, UP, UPR, R, DR, D, DL, LR, UPLR, DLR]
    ED --> E001[E001 – E099 ..... Evacuation route signs]
    ED --> F001[F001 – F099 ..... Fire Equipment signs]
    ED --> M001[M001 – M099 ..... Mandatory action signs]
    ED --> P001[P001 – P099 ..... Prohibition signs]
    ED --> W001[W001 – W099 ..... Warning signs]
    PS --> 1[1 ..... One-sided]
    PS --> 2[2 ..... Double-sided]
    RNI --> SP[SP ..... E001/E002]
    RNI --> WP[WP ..... E026/E030]
    RNI --> E001_2[E001 – E099 ..... Evacuation route signs]
    RNI --> F001_2[F001 – F099 ..... Fire Equipment signs]
    RNI --> M001_2[M001 – M099 ..... Mandatory action signs]
    RNI --> P001_2[P001 – P099 ..... Prohibition signs]
    RNI --> W001_2[W001 – W099 ..... Warning signs]
    MV --> MSC[MSC/MRC]
    MV --> MSC_TEC[MSC/MRC/TEC-GP]
    MV --> MSC_WF[MSC-WF/MRC-WF/MRCR-WF]
    PV --> None3[None]
    PV --> P[P]
    PH --> None4[None]
    PH --> 150[150]
    PF --> PURE[PURE]
    PF --> PURESIGN[PURESIGN]
    PF --> COM[COM]
    PF --> COMSIGN[COMSIGN]
  
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Signs

- 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
 - MSC/MRC/TEC-GP
 - MSC-WF/MRC-WF/MRCR-WF
- Pictogram version**
 - None
 - P
- Pictogram height**
 - None
 - 150
- Product family**
 - PURE
 - PURESIGN
 - COM
 - COMSIGN