

## WATERPROOF LIGHT FITTINGS WARS LED DeLuxe



Versions: Wars LED DeLuxe Lite, Wars LED DeLuxe Standard, Wars LED DeLuxe Strong, Wars LED DeLuxe tube Pro, Wars LED DeLuxe tube Eco, Wars LED DeLuxe tube LV

### INSTALLATION AND OPERATION INSTRUCTIONS

Power supply	Lamp base	Source	Minimum distance from illuminated object	IP rating	Insulation class	Type of surface
230 VAC / 50Hz	G13 *	LED T8 *	0.5 m	IP65	I	Flammable surface

\* Concerns versions with LED tubes

Versions	Driver	60	120	150
LED Lite	Stand alone	11 W	23 W	28 W
LED Standard	Stand alone	23 W	41 W	54 W
LED Strong	Stand alone	24 W	51 W	67 W
LED Tube Pro	In-tube	21 W	42 W	50 W
LED Tube Eco	In-tube	16 W	32 W	
LED Tube LV	Stand alone	19 W	38 W	

### Dimensions and weight of the lighting fitting

Version	60	120	150
Length [mm]	665	1275	1575
Width [mm]	134	134	134
Height [mm]	98,5	98,5	98,5
Weight [kg]	2,80	4,10	5,10-5,30

### Handling of obsolete equipment



Pursuant to the Act of 29 July 2005 on waste electrical and electronic equipment and the Act of 24 April 2009 on batteries and accumulators, the presented device, after use, due to hazardous substances contained in it, is subject to collection of waste electrical and electronic equipment. Detailed information on WEEE collection can be obtained from municipal authorities.

### Installation of the lighting fitting

1. Prior to installation, remove the lighting fitting from the box and read the following instructions for assembly and use.
2. Mark the spot on the ceiling where the lighting fitting is to be fixed
3. Depending on the surface (wood, concrete) drill holes for mounting the lighting fitting, in accordance with the mounting holes on metal clips or the bottom part of the lighting fitting body.
4. It is recommended to use provided metal mounting clips for installation of the lighting fitting. If the body is mounted directly to the surface leave at least 2 mm clearance between the surface and the body in the installation spot in order to avoid the forces that may occur when the thermal expansion characteristics of the surface and the body vary considerably.
5. Remove the shade after unclipping of the side clips.
6. Attach the mounting clips (or the lighting fitting body directly) to the ceiling using the available openings. If clips are used, engage them body of the lighting fitting in the clips.
7. The lighting fitting can be mounted both indoors and outdoors.
8. The power cords must be run through a special opening in the lighting fitting body using provided cable gland and connected to the terminal cube inside the lighting fitting.
9. The three-core cable must be connected as follows: phase wire to "L", neutral wire to "N", protective wire to "PE".
10. For versions with LED tubes, mount the light sources in sockets. Unless otherwise stated, LED tubes have one-sided supply.
11. Install the shade and secure it to the side clips .
12. Before the final start up, make sure that all mechanical and electrical connections have been carried out correctly and are safe.
13. Before replacement of the light source, repair or disassembly, disconnect the lighting fitting from the power network and allow time for all elements of the lighting fitting to cool.
14. Adherence to these instructions and safety rules ensure efficiency of the lighting fitting and its safe use.

### Safety

1. The lighting fitting should be installed, repaired and maintained by a person with the appropriate qualifications. Incorrect installation or tampering carries a risk of electric shock.
2. Installation of the lighting fitting must be carried out in accordance with its purpose and these instructions.
3. When connecting the lighting fitting to the power network , make sure that the power supply parameters correspond to the rated power. Make sure to connect the protective conductor. After connecting the lighting fitting is energized.
4. Do not touch the device with wet or damp hands.
5. In case of suspicion of damage to the electrical part of the device (ballast, power cord), do not use the lighting fitting.
6. The device should be mounted in such a way that enables natural heat dissipation, never obscure lighting fitting or seal air vents.
7. For mounting on surfaces with different thermal expansion that the lighting fitting it is recommended to leave at least 2 mm clearance between the surface and the lighting fitting or to use provided metal mounting clips.
8. It is recommended to use light sources of proven quality. The use of light sources of unknown origin can affect the quality of lighting and durability of electrical system of the lighting fitting.
9. The manufacturer does not guarantee proper operation and shall not responsible for any damage or injury resulting from installation, repair or maintenance performed in contrary to the instructions, generally accepted principles of installation, occupational safety rules, intended use or when the installation was performed by a person without appropriate permissions.

### Protection of environment

1. Cardboard or paper elements of the packaging should sent for recycling paper or deposited of into a container for paper waste, while plastic packaging into a container for plastic waste.
2. Obsolete lighting fitting must not be disposed of as household waste and should be delivered to a special WEEE collecting point.

### Guarantee

1. The guarantee is valid for 12 months from the date of purchase.
2. The guarantee shall not cover mechanical damage, damage caused by improper installation, operation or modifications of the lighting fitting as well as changes occurring due to natural wear and tear of the product.
3. The manufacturer reserves that it does not take responsibility for the improper operation of the lighting fitting as a result of interference in the lighting fitting construction carried out by the user without permission.
4. Application of the lighting fitting: industrial lighting (production halls, garages etc.)

