

DESCRIPTION OF PARTS

SMD LED Downlight
Diffuser opal for homogeneous light distribution
LED constant current power supply with compact connector
Color: white, special finish

TECHNICAL DATA

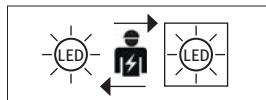
Power supply: 220 - 240 V/AC, 50 Hz LED constant current power supply
Wattage: max. approx. 13W / 15W / 22W
Protection class: II
Not dimmable
Protection type: IP54 frontal.
Installation: Ceiling recessed mounted
Light color: switchable between 3000K/4000K/5700K
Lifespan of LEDs approx.: > 50000 h
Ambient temperature: -20 °C bis +45 °C
Humidity: 0-90%
Beam angle: 90°
CRI: > 80
Dimensions:
Ø 13W = 145 mm / 15W = 190 mm / 22W = 228 mm, height 45 mm
Ceiling Opening:
13W = 120 mm / 15W = 160 mm / 22W = 200 mm

ERO1-13WWSCW1 | **Light source:** A.L.S. GmbH - EP830790-2-13WWSCW1
This luminaire contains one light source of energy efficiency class **C**

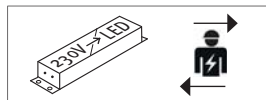
ERO1-15WWSCW1 | **Light source:** A.L.S. GmbH - EP830790-2-15WWSCW1
This luminaire contains one light source of energy efficiency class **B**

ERO1-22WWSCW1 | **Light source:** A.L.S. GmbH - EP830790-2-22WWSCW1
This luminaire contains one light source of energy efficiency class **C**

The product consists of two components. Luminaire with light source and external LED Driver.



The light source is only exchangeable by a professional.



The LED driver is only exchangeable by a professional.



Protection class II



CE label



Splashing water
IP54 frontal, IP 44
inside ceiling



The product may not
be disposed of in the
household garbage.



Not dimmable



Notification of Risks



Safety Instructions



Cleaning Instructions



It is not allowed to
cover luminaires
with heat-insulating
cover sheet or similar
materials!



Installation only by
qualified and autho-
rised persons.

SAFETY



READ THE INSTRUCTIONS BEFORE USING THIS PRODUCT.
KEEP THE SAFETY AND OPERATING INSTRUCTIONS FOR
FUTURE USE.

The warranty claim and guarantee is rendered invalid in the event of damage to the product, which is caused by not following the operating instructions. We are not liable for the consequent damage. The same applies to damage caused by improper handling or failure to observe the safety instructions. Because of specific characteristics of LED's (life, deviation in colour etc.) we formulated special terms for planning and installing our LED products. They are part of these installation manual! Should they not be available, request them please! Don't look directly into the LED! The LED is that bright that it might damage your eyes!

SAFETY INFORMATION



- The light is suitable for lighting purpose indoors and outdoors.
- The LED light is provided for load-bearing and suspended ceiling with ceiling cut-out according to data sheet. Sizes see technical data.
- Please consider the minimum insertion depth, space of additional 30 mm must be respected around (see technical data). IP54 frontal, IP 44 inside ceiling.
- Don't install under power.
- Follow the instruction manual for installation.
- Installation only by qualified and authorised persons.
- Do not use the product when it has been damaged (defective covers) or there are operational faults such as flickering, smoking, steaming, crackling noises or the smell of smoke.
- A damaged or defective product must be changed or repaired by the manufacturer, a service person or a comparable qualified person.
- Installation only under observance of the valid guidelines specific to application and country among others VDE 0.100.
- Never open one of the electrical operating agents or plug any objects into them. Such procedures signify a danger to life through electrical shock.
- Absolutely avoid contact between the product and water or other liquids. For reasons of electrical safety, the light may not be placed in contact with water or other liquids or submerged in water.
- The product may not be changed or modified.

MAINTENANCE AND CLEANING

The light source is only exchangeable by a professional.



- Do not use solvents, such as benzene and similar agents. The light would be damaged thereby.
- Only use a dry, lint-free cloth for cleaning the product.

DISPOSAL

The packaging consists of environmentally friendly materials.
Dispose of them in the local recycling containers.



Do not dispose of this product in the household garbage when it has reached the end of its lifecycle, but rather take it to a disposal center. Your local officials will provide you with information about collection offices and their business hours.

ERO

LED Downlight

ERO1-13WWSCW1
ERO1-15WWSCW1
ERO1-22WWSCW1

ALS
ARCHITEKTONISCHE
L I C H T
S Y S T E M E



INTENDED USAGE

This product will only serve the purpose of illumination.

SCOPE OF DELIVERY

1 x LED Downlight
1 x set of instructions for assembly, operation and safety

TECHNICAL CHANGES

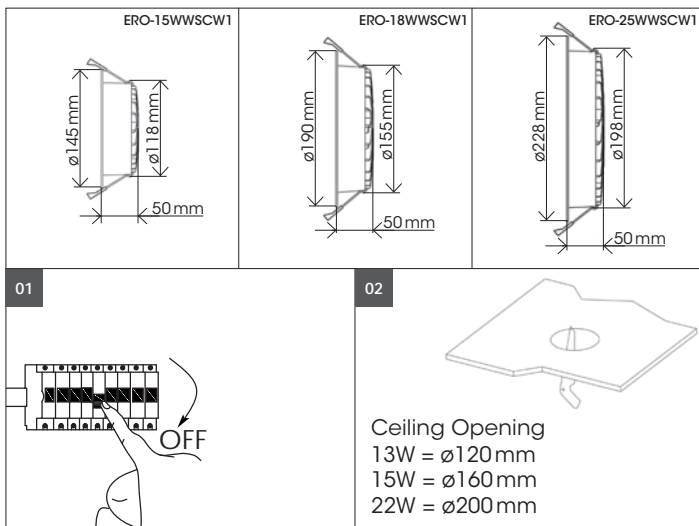
Changes in the sense of technical progress can be made
without prior notice.

address | contact

A.L.S. GmbH
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E-Mail: info@als.de | Web: www.als.de

Version: 2023-09-28

EN



Switch off before installation. Switch on only after complete installation and examination of the circuit. Professional electrician for installation and maintenance only. Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly. Open a hole according to the cutout size of led downlight.



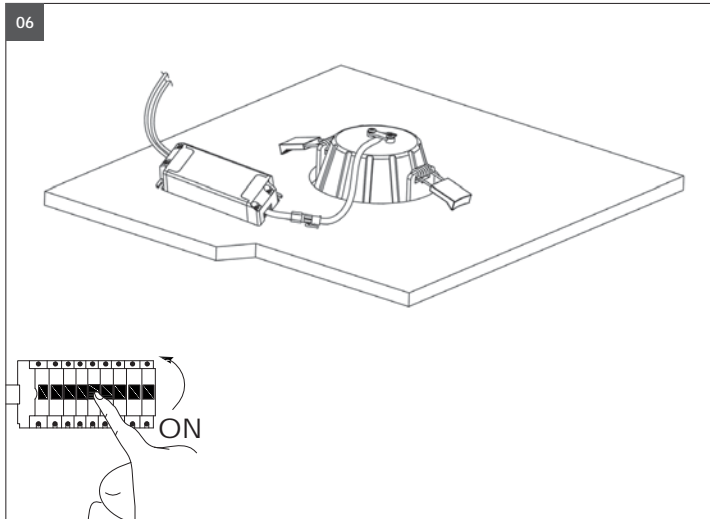
Color selection. Please select the light color (CW/NW/WW) before installation.

Technical note:

Do not switch the light color during operation! **Turn off power supply before color selection!**

Otherwise the constant current power supply unit will switch in shut-down mode. Reset with turn off and turn on.

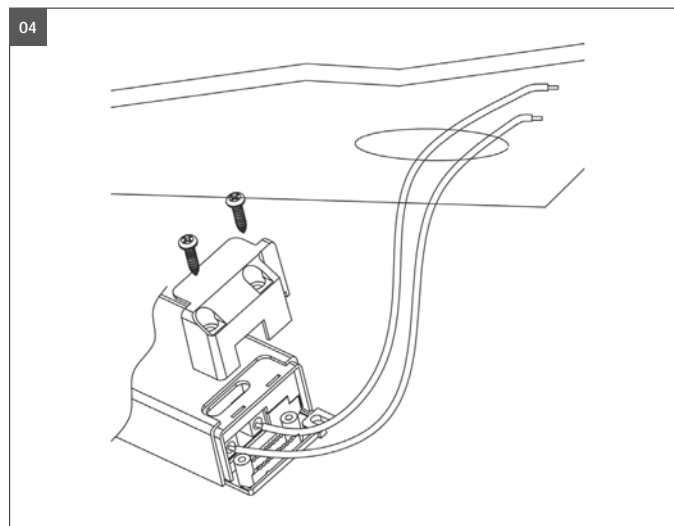
06



Make sure the downlight fixed tightly in ceiling!

Turn on the power.

04

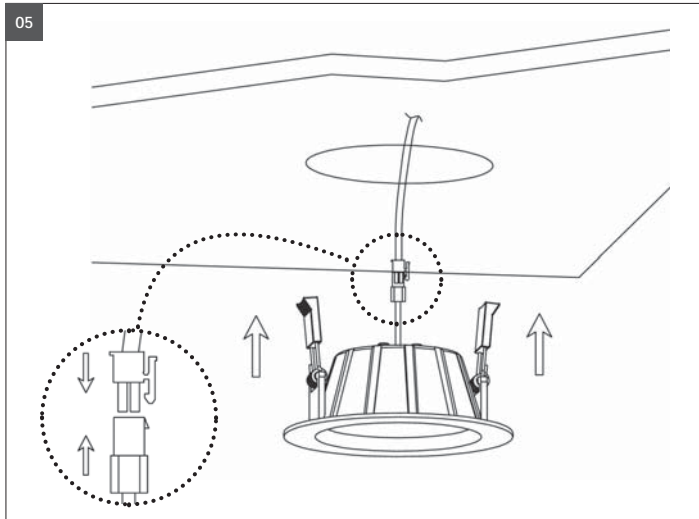


Feed the main AC 230V 50Hz wire L, N, in terminal block respectively, then fix the cover back (strain relief).

Fixing materials: strain relief, clamps

The warranty is void if the buyer or a third party repairs or modifies the luminaire.

05



Connect the downlight with driver, hold back the spring clip then push the downlight into the hole.



It is not allowed to cover luminaires with heatinsulating cover sheet or similar materials! Additional drillings in the LED luminaire are not allowed!

Another installation / assembly / materials / types than provided in the manual sheets, release us from any electrotechnical and electrostatic responsibility.