

LED recessed lights "Flat-xx"

Product description:

Timelessly beautiful tiltable LED recessed lights with a high-quality finish and impressive light output of 330 lumens. Great for false ceilings:

Common technical details:

- Housing made of robust metal
- Economical SMD LEDs
- Light angle 120 °
- Voltage 230V / 50Hz
- Base -
- 100% bright 0.1 sec. • On / Off 20,000x
- Burn time 25,000 hours
- Power factor > 0.55
- RA > 80 • Mercury Hg 0.0mg
- Installation: hole Ø74mm • tiltable
- not suitable for accent lighting
- Delivery including internal LED driver

Flat recessed lights



Safety instructions and important information!

In order to guarantee safety at all times and to use the full range of functions of the device, please read the safety instructions carefully and carefully!

The product must not be modified technically or mechanically, otherwise the operating license and conformity will expire with immediate effect! The nameplate / imprint must not be removed under any circumstances! Check the product for damage before each use. If the product is damaged, it must be checked, repaired or replaced by a specialist company and disposed of in accordance with the applicable guidelines (footer page 1). Under no circumstances may a damaged or defective product continue to be used! Please make sure to secure all packaging material and accessories, especially small parts such as screws and foils, from children and animals. Suffocation hazard! In the event of non-compliance with the instructions or improper use, the manufacturer Any misuse or changes made to the product assume no liability for damage to property or personal injury. This product must never be operated, kept, stored or stored in the reach of children or animals. If this product is passed on, the instructions and packaging must be included. Thanks! We reserve the right to make misprints or changes to packaging, the product or the instructions.

Separate safety instructions for 230V installations

The installation or the intervention in the power grid can lead to very serious injuries up to a fatal electric shock. • Connection or installation may only be carried out by qualified personnel / qualified electricians in a voltage or current-free state! For all work, completely switch off the circuit in which the installation is being carried out at the main fuse! Otherwise there is a DANGER TO LIFE !! To connect all 230V ~ / 50Hz components, the minimum cross-section (1.5mm²) of the connecting cable must never be undershot. Be sure to use a cable and tool that has been expressly approved for this use. There are no serviceable parts inside this product. The correct connection must be checked; the voltage may only be switched on again when the installation is correct.

Electronic products that are marked with the crossed-out garbage can do not belong in the household waste! You can hand these products over to the municipal collection points free of charge. Inquire at your local authority, the responsible town hall or a local or municipal waste disposal company. Thanks very much. Used batteries should not be put in the household garbage. Consumers are legally obliged to bring batteries to a suitable collection point at the retail outlet or local authority. Old batteries may contain pollutants or heavy metals that can damage the environment and human health. The symbols under the label (garbage can) stand for: Pb: battery contains lead, Cd: battery contains cadmium Hg: battery contains mercury. The environment and ChiliTec say thank you.

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Details variants: (EEKL = energy efficiency class according to 2019/2020 / EU & 2019/2015 / EU)

Item No.	Color / type	Power consumption	Power consumption / 1000h	lumen	Kelvin	EEKL	dimmable	Outside Ø / depth	installation Ø / hole
21841	Flat 26 chrome	3.4W	3.4KWh	370	3000K	F.	no	80x26mm	74mm
21842	Flat 26 chrome	3.3W	3.3KWh	390	4000K	F.	no	80x26mm	74mm
21843	Flat 26 white	3.4W	3.4KWh	370	3000k	F.	no	80x26mm	74mm
21844	Flat 26 white	3.3W	3.3KWh	390	4000K	F.	no	80x26mm	74mm
22086	Flat 32 chrome	5.1W	5.1KWh	590	3000K	F.	no	80x32mm	74mm
22087	Flat 32 chrome	5.1W	5.1KWh	590	4000K	F.	no	80x32mm	74mm
22088	Flat 32 white	5.1W	5.1KWh	590	3000K	F.	no	80x32mm	74mm
22089	Flat 32 white	5.1W	5.1KWh	590	4000K	F.	no	80x32mm	74mm
22090	Flat 32 dim chrome	5.4W	5.4KWh	590	3000K	F.	Yes	80x32mm	74mm
22091	Flat 32 dim chrome	5.3W	5.3KWh	580	4000K	F.	Yes	80x32mm	74mm
22092	Flat 32 dim white	5.4W	5.4KWh	590	3000K	F.	Yes	80x32mm	74mm
22093	Flat 32 dim white	5.3W	5.3KWh	580	4000K	F.	Yes	80x32mm	74mm

Installation instructions and explanations for the table

All "Flat" recessed lights may only be installed by qualified electricians - electricity is dangerous. All dimmable "Flat" lights are dimmed with a leading edge dimmer. The real dimming range as well as the correct seamless light changes depend largely on the dimmer used and the respective number of lights per "dimming circle". Another dimmer may be required depending on the number of lights or the connected power (including reactive power / power factor).

Light color

All models of the Flat series with approx. 3000K offer a nice, cozy, warm white light, slightly yellowish. Ideal for living room or bedroom. The models with approx. 4000K offer largely color-free light, ideal for bathrooms, corridors or work areas.

Installation instructions for power connection:

Fasten the two wires with the supply line using a lever clamp or luster clamp. Connect the wires via the terminal and check that they are securely held in the terminal. Any incoming protective conductor (PE) that may be present must be electrically isolated separately. The protective conductor is not required due to the double insulation inside the luminaire.

safety instructions

- Never open the product, there are no serviceable parts - only by qualified personnel.
- The product must never come into contact with water, not even in other liquids.
- The product must not be exposed to heat (> 40 °) or high humidity (> 80%).
- Make sure that the cable is not kinked, squeezed, pinched or damaged in any other way.
- Before connecting, check that the operating voltage of the product matches the mains voltage.
- Operation is only permitted on 230V ~ / 50Hz mains voltage.
- Never touch the product, power cord or plug with damp / wet hands.
- Remodeling, changing or expanding the product is not permitted.

Separate safety instructions for LED lighting

Never look directly or unprotected into the light or the glowing LEDs. The brightness can dazzle you, you risk injuries and possible permanent damage to the eyes or the retina. Never point the light at people or animals (... if the light is mobile!) The product must never be covered during operation and the possibility of heat dissipation into the environment must be guaranteed. Fire hazard!