

## LED built-in modules "Piatto-xx"

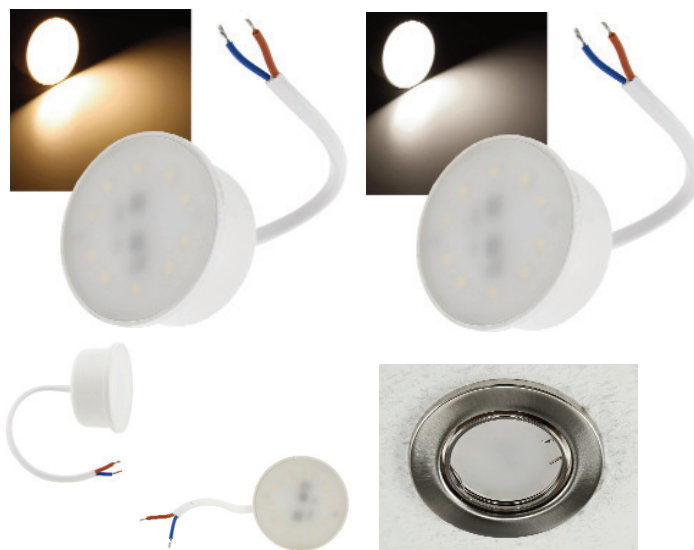
### Piatto built-in modules

#### Product description:

A great and also very flat replacement for conventional GU10 lamps in recessed spotlights. Fits in almost all conventional ceiling spotlight sockets.

#### Common technical details:

- Housing plastic + aluminum
- Light angle 120 °
- Voltage 230V / 50Hz • 100% bright 0.1 sec.
- On / Off 20,000x • Burn time 20,000 hours
- Power factor > 0.55 • RA > 80
- Mercury Hg 0.0mg
- ØxL 50x24mm - low installation depth
- not dimmable
- not suitable for accent lighting
- Integrated driver - direct connection to 230V / 50Hz



### Safety instructions and important information!

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

The product must not be changed 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 be sure to secure all packaging material and accessories, especially small parts such as screws and foils, from children and animals. Danger of suffocation! 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, deposited 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 (1.5mm<sup>2</sup>) 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 in free of charge at the municipal collection points. 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 be harmful to 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.

DetailsVariants: (EEKL = energy efficiency class according to 2019/2020 / EU &amp; 2019/2015 / EU)

Piatto built-in modules

Item No.	Color / type	power	Consumption / 1000h	Lumens	Kelvin	EEKL	dimmable	Outside Ø / depth	angle
23286	PiattoW3ww	3.0W	3KWh	240	2900K	F.	no	50x24mm	120 °
23287	PiattoW3nw	3.0W	3KWh	250	4200K	F.	no	50x24mm	120 °
23288	PiattoW5ww	5.0W	5KWh	390	2900K	F.	no	50x24mm	120 °
23289	PiattoW5nw	5.0W	5KWh	400	4200K	F.	no	50x24mm	120 °
23290	PiattoW7ww	7.0W	7KWh	540	2900K	F.	no	50x24mm	120 °
23291	PiattoW7nw	7.0W	7KWh	550	4200K	F.	no	50x24mm	120 °
23292	Piatto N5ww	5.0W	5KWh	370	2900K	F.	no	50x24mm	120 °
23293	Piatto N5nw	5.0W	5KWh	380	4200K	F.	no	50x24mm	120 °

### 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. 2900K offer a nice, cozy, warm white light, slightly yellowish. Ideal for living room or bedroom. The models with approx. 4200K 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 mobile light)! The product must never be covered during operation and the possibility of heat dissipation into the environment must be guaranteed. Fire hazard!