

## 14 OD

### Product description

- Ideal for linear and panel lights
- Luminous flux range from 390 – 590 lm
- Efficacy of the module up to 125 lm/W
- Ultra-thin design – only 8mm.
- Standard length – 300mm
- High colour rendering index CRI > 80
- Small colour tolerance (MacAdam 3)
- Small luminous flux tolerances
- Colour temperatures from 2700 to 6500 K
- Good uniform light, when several LED modules are used together in a line
- Build in TVS for overvoltage protection
- Build in schottky diode for wrong polarity protection
- Simple installation (e.g. screws)
- Long life-time: 40,000 hours



*14OD module with LED chips of the latest generation achieve maximum efficiency values and optimum light uniformity. The modules have been specifically developed for thin tubes and low-cost applications. The product range covers colour temperatures Warm White 2700, 3000K, Neutral White 4000K and Cold White 5000, 6000K with CRI > 80 and module efficiency of up to 125 lm/W. The module is driven by constant voltage 24VDC. The design is improved for simple installation. The module's power can be customized up to 5W. It has build in protections against wrong connection of the power supply and overvoltage. Typical application is the LED module for shelves – In Light.*

14 OD	Photometric code	Typ. luminous flux at tp = 25 °C	Typ. Voltage at tp=25 °C	Typ. power consumption at tp = 25 °C	Luminous efficacy module at tp = 25 °C	Colour rendering index CR
Operating mode High Efficiency at constant current 140mA	830	395 Lm	24 V	3.36 W	118 Lm/W	>80
	840	411 Lm	24 V	3.36 W	122 Lm/W	>80
	850	420 Lm	24 V	3.36 W	125 Lm/W	>80
Operating mode High Output at constant current 200mA	830	554 Lm	24 V	4.8 W	115 Lm/W	>80
	840	578 Lm	24 V	4.8 W	120 Lm/W	>80
	850	590 Lm	24 V	4.8 W	123 Lm/W	>80