

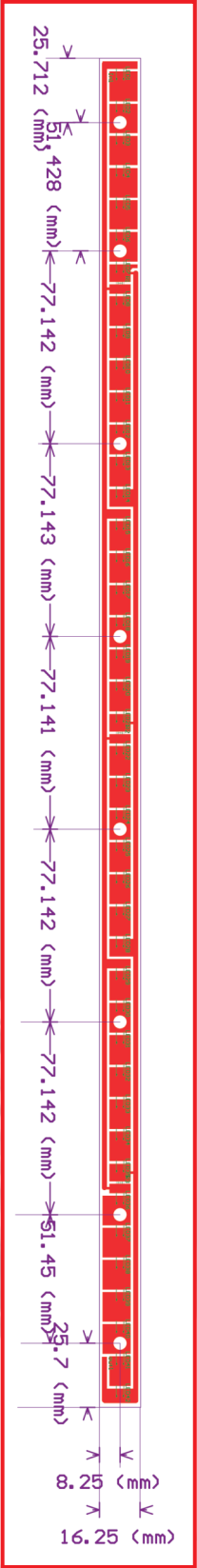


Office 21V-42V

Product description

- Ideal for linear and panel lights
- Luminous flux range from 1500 – 2100 lm
- Efficacy of the module up to 158 lm/W
- 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
- High efficient Samsung LED chips
- Push terminals for quick and simple wiring of LED module to LED module
- Simple installation (e.g. screws)
- Long life-time: 50,000 hours

Office 21V-42V with LED chips of the latest generation achieve maximum efficiency values and optimum light uniformity. The modules have been specifically developed for use in planar luminaires. 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 158 lm/W. The module is driven by constant current max 700mA with voltage of max 22V. The design is improved for simple installation. The module is designed to replace T5/T8 flourescent tube 600mm. We supply a specially designed diffuser with holders to cover the LEDs. At custom request we can produce this module with different color and higher CRI. This LED engine is designed for one of the latest LED fixtures of the company and can be delivered as a set of LED PCBs, driver, diffusers, caps for the diffusers and holders for a different housing.



Office 21V-42V	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 500mA	830	1579 Lm	21.2 V	10.6 W	149 Lm/W	>80
	840	1646 Lm	21.2 V	10.6 W	155 Lm/W	>80
	850	1680 Lm	21.2 V	10.6 W	158 Lm/W	>80
Operating mode High Output at constant current 700mA	830	1974 Lm	22.1 V	15.5 W	127 Lm/W	>80
	840	2058 Lm	22.1 V	15.5 W	133 Lm/W	>80
	850	2100 Lm	22.1 V	15.5 W	135 Lm/W	>80