

## ProLight 1500

### Product description

- Ideal for linear and panel lights
- Perfect for replacing 150cm florescent tube
- Luminous flux range for set 2600 – 4000 lm
- Efficacy of the module up to 167 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 in a line
- Samsung high efficiency 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

ProLight 1500 module set 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 to replace two parallel 1500mm fluorescent tube (by 4 ProLight 1500-1 and 2 ProLight 1500-2 LED engines in series). 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 167 lm/W. The module set is driven by constant current max 1050mA with voltage of max 50V. The design is improved for simple installation and for standard constant current SELV power supplies.

ProLight 1500	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
<b>ProLight 1500-1</b> Operating mode High Efficiency at constant current 700mA	830	977 Lm	8.91 V	6.24 W	157 Lm/W	>80
	840	1008 Lm	8.91 V	6.24 W	162 Lm/W	>80
	850	1040 Lm	8.91 V	6.24 W	167 Lm/W	>80
<b>ProLight 1500-1</b> Operating mode High Output at constant current 1050mA	830	1414 Lm	9.3 V	9.77 W	145 Lm/W	>80
	840	1459 Lm	9.3 V	9.77 W	149 Lm/W	>80
	850	1505 Lm	9.3 V	9.77 W	154 Lm/W	>80
<b>ProLight 1500-2</b> Operating mode High Efficiency at constant current 700mA	830	651 Lm	5.94 V	4.16 W	156 Lm/W	>80
	840	672 Lm	5.94 V	4.16 W	162 Lm/W	>80
	850	693 Lm	5.94 V	4.16 W	167 Lm/W	>80
<b>ProLight 1500-2</b> Operating mode High Output at constant current 1050mA	830	943 Lm	6.2 V	6.51 W	145 Lm/W	>80
	840	973 Lm	6.2 V	6.51 W	149 Lm/W	>80
	850	1003 Lm	6.2 V	6.51 W	154 Lm/W	>80

