

ProLight 1200

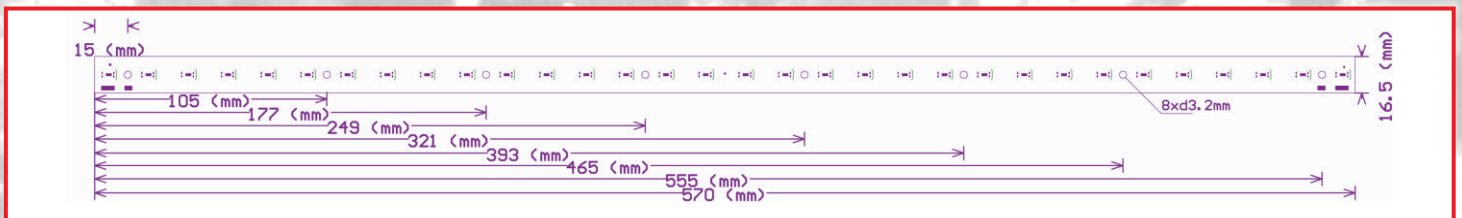
Product description

- Ideal for linear and panel lights
- Perfect for replacing 1200mm florescent tube
- Luminous flux range from 970 – 1970 lm
- Efficacy of the module up to 176 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
- 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 1200 module 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 1200mm fluorescent tube (by 4 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 176 lm/W. The module is driven by constant current max 1050mA with voltage of max 13V. The design is improved for simple installation.

ProLight 1200	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	972 Lm	11.76 V	5.88 W	165 Lm/W	>80
	840	1004 Lm	11.76 V	5.88 W	171 Lm/W	>80
	850	1035 Lm	11.76 V	5.88 W	176 Lm/W	>80
Operating mode High Output at constant current 1050mA	830	1855 Lm	12.84 V	13.48 W	138 Lm/W	>80
	840	1915 Lm	12.84 V	13.48 W	142 Lm/W	>80
	850	1975 Lm	12.84 V	13.48 W	147 Lm/W	>80

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ProLight 1200 v.2

