

440D CV

Product description

- Ideal for linear and panel lights
- Luminous flux range from 1240 – 1850 lm
- Efficacy of the module up to 132 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, even if several LED modules are used together in a line
- Aluminum base for best thermoconductivity
- Low flickering <0.2%
- Osram 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

440D CV module with LED chips of the latest generation achieve maximum efficiency values and optimum light uniformity. The additional DC/DC driver ensures very low flickering index <0.2% that covers even the highest standards. The modules have been specifically developed for use in panel 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 132 lm/W. The module is driven by constant voltage at 36VDC. The design is improved for simple installation. This LED engine is designed to fit a patented aluminum profile where it is pressed into to ensure best heat dissipation. Custom higher CRI can be achieved.

440D	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 280mA	830	1240 Lm	36 V	10 W	124 Lm/W	>80
	840	1293 Lm	36 V	10 W	129 Lm/W	>80
	850	1320 Lm	36 V	10 W	132 Lm/W	>80
Operating mode High Output at constant current 400mA	830	1741 Lm	36 V	14.4 W	121 Lm/W	>80
	840	1816 Lm	36 V	14.4 W	126 Lm/W	>80
	850	1854 Lm	36 V	14.4 W	129 Lm/W	>80

