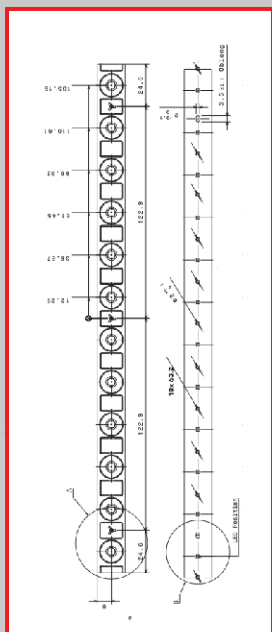


12XTE Vanessa

Product description



- Ideal for linear and panel lights
- Luminous flux range from 1600 – 9000 lm
- Efficacy of the module up to 175 lm/W
- Small colour tolerance (MacAdam 3)
- Small luminous flux tolerances
- Colour temperatures from 2700 to 6500 K
- Lenses with various angles available
- Simple installation (e.g. screws)
- Long life-time: >50,000 hours

12XTE Vanessa module with LEDs of the latest generation from the top chip producers in the world – CREE and SAMSUNG achieve maximum efficiency values. The modules have been specifically developed on high thermoconductive aluminium plate with extra thick copper. The product range covers colour temperatures Warm White 3000, Neutral White 4000, Cold White 5000K and 6000K and module efficiency of up to 175 lm/W. The module is driven by constant current. The design is improved for simple installation. The module covers three types of LEDs for most applications. This LED engine is compatible with LEDIL lenses family Vanessa – with the different angles to achieve all types of distortions.

12XTE Vanessa	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
Cree XT-E High Efficiency @ 350mA	740	1680 Lm	34.2 V	11.97 W	140 Lm/W	>80
	750	1776 Lm	34.2 V	11.97 W	148 Lm/W	>80
	760	1896 Lm	34.2 V	11.97 W	158 Lm/W	>80
Cree XT-E High Output @ 800mA	740	3592 Lm	37 V	29.6 W	121 Lm/W	>80
	750	3798 Lm	37 V	29.6 W	128 Lm/W	>80
	760	4054 Lm	37 V	29.6 W	137 Lm/W	>80
Samsung LH351A High Efficiency @ 350mA	740	1560 Lm	35.5 V	12.42 W	126 Lm/W	>80
	750, 757, 765	1776 Lm	35.5 V	12.42 W	135 Lm/W	>80
Samsung LH351A High Output @ 700mA	740	2844 Lm	37 V	25.9 W	110 Lm/W	>80
	750, 757, 765	3048 Lm	37 V	25.9 W	118 Lm/W	>80
Cree XP-L High Efficiency @ 500mA	740, 750, 760	2970 Lm	33.5 V	16.74 W	175 Lm/W	>80
Cree XP-L High Output @ 2000mA	740, 750, 760	9623 Lm	37.9 V	75.8 W	127 Lm/W	>80