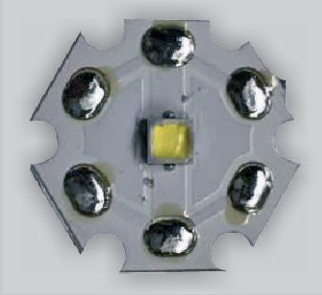
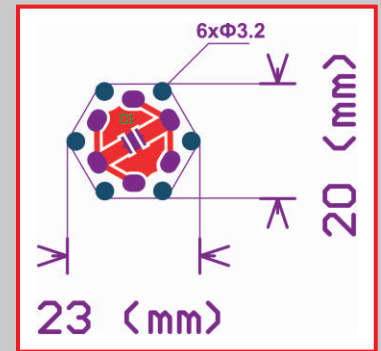


## Star XTE

### Product description



- Ideal for spotlights, flashlights and down lights
- Luminous flux range from 130 – 800 lm
- Efficacy of the module up to 178 lm/W
- Naturally most stable shape perfect hexagon
- Small colour tolerance (MacAdam 3)
- Small luminous flux tolerances
- Colour temperatures from 2700 to 6500 K
- Three of the leading LED producers compatible – CREE / Samsung / LG
- Multifunctional power connection design
- Plenty of options for attachment
- Excellent thermos management thanks to high thermoconductive aluminum base with thick copper layer
- Long life-time: 50,000 hours



Star XTE engine uses LED chips of the latest generation achieve maximum efficiency values and optimum light uniformity. The modules have been specifically developed for use in flashlights. The small size and high luminous flux makes the LED engine perfect for any housing with troubled size like flashlights. The product range covers colour temperatures Warm White 2700, 3000K, Neutral White 4000K and Cold White 5000, 6000K with CRI > 70 and module efficiency of up to 178 lm/W. The module is driven by constant current max 2000mA with voltage of max 3.2V. The design is improved for simple installation. Custom high CRI available. The luminous flux, color, typical voltage and maximum current can be customized based on different LED like CREE XPG, OSRAM OSOLON, etc.

Star XTE	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	140 Lm	2.85 V	0.998 W	140 Lm/W	>80
	750	148 Lm	2.85 V	0.998 W	148 Lm/W	>80
	760	158 Lm	2.85 V	0.998 W	158 Lm/W	>80
Cree XT-E High Output @ 800mA	740	299 Lm	3.08 V	2.467 W	121 Lm/W	>80
	750	317 Lm	3.08 V	2.467 W	128 Lm/W	>80
	760	338 Lm	3.08 V	2.467 W	137 Lm/W	>80
Samsung LH351A High Efficiency @ 350mA	740	130 Lm	2.96 V	1.035 W	126 Lm/W	>80
	750, 757, 765	148 Lm	2.96 V	1.035 W	143 Lm/W	>80
Samsung LH351A High Output @ 700mA	740	237 Lm	3.08 V	2.158 W	110 Lm/W	>80
	750, 757, 765	254 Lm	3.08 V	2.158 W	118 Lm/W	>80
Cree XP-L High Efficiency @ 500mA	740, 750, 760	248 Lm	2.8 V	1.395 W	178 Lm/W	>80
Cree XP-L High Output @ 2000mA	740, 750, 760	802 Lm	3.16 V	6.317 W	127 Lm/W	>80