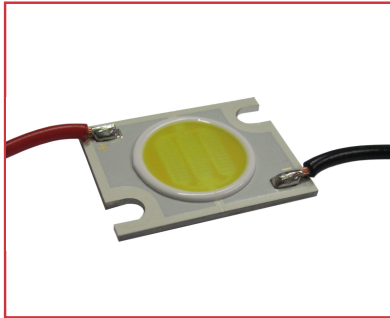


CL-L233-MC13WW1-C-02



features



- 13W white high power, high efficacy LED
- 120° viewing angle
- Colour temperature 3,500K
- 150mm flying leads as standard, custom lengths available on request

specifications

absolute maximum ratings

parameter	symbol	rating value	unit
power dissipation	P _d	17.7	W
forward current	I _F	840	mA
forward pulse current	I _{FP}	1,200	mA
reverse voltage	V _R	30	V
operating temperature	T _{OP}	-30 ~ +85	°C
storage temperature	T _{ST}	-40 ~ +100	°C
junction temperature	T _j	120	°C

electro-optical characteristics

parameter	symbol	condition	min.	typ.	max.	unit
forward voltage	V _F	I _F =720mA	17.5	18.6	21.0	V
reverse current	I _R	V _R =15V	-	-	100	μA
thermal resistance	R _{j-c}	junction-case	-	2.4	-	°C/W
luminous flux	Φ _v	I _F =720mA	-	1,005	-	lm
high general colour	R _a	I _F =720mA	-	85	-	-

to order

to order please contact us on: t: **+44 (0)1229 582 430** f: **+44 (0)1229 580 012**
e: **sales@marl.co.uk** w: **www.optosource.com**

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precautions

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