

LAMP .519-RGBW è un illuminatore RGBW molto potente

LAMP .519RGBW

- nr. 1 LED "full color" da 8 W MC-E Cree
- il LED ha integrato 1rosso 1verde e 1 blu 1 bianco
- Angolo Emissione 120 gradi
- Metal core pcb

Questo modulo è disegnato per ospitare il led CREE MC-E RGBW o Dynamic White, tramite saldature sul metalcore PCB è possibile collegare dei cavetti per i singoli colori.

Il modulo necessita di dissipatore di calore opportunamente dimensionato per la sua applicazione. E' possibile inserire ottica sul modulo con apposito collante o sfruttando i 3 fori a 120gradi sul lato.

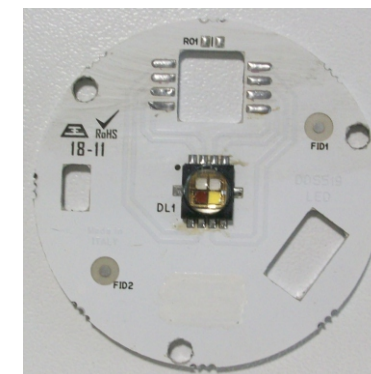
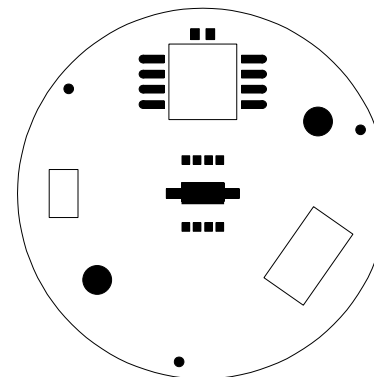
Le correnti massime di alimentazione e tensioni sono quelle specificate da CREE vedi tabella sotto.

LAMP.519-RGBW, is a light engine in constant current mode, this module is based on MC-E RGBW from Cree. It may be available dinamic white also-

LAMP.519RGBW

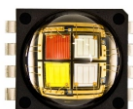
- 1 LED full color plus White
- integrated RGBW led in one chip
- emission angle 120 degree
- metal core PCB aluminium

Heat sink necessary for application, constant current for power supply is specified on the table below. Optical may be inserted and glued on metal core PCB



Electrical data

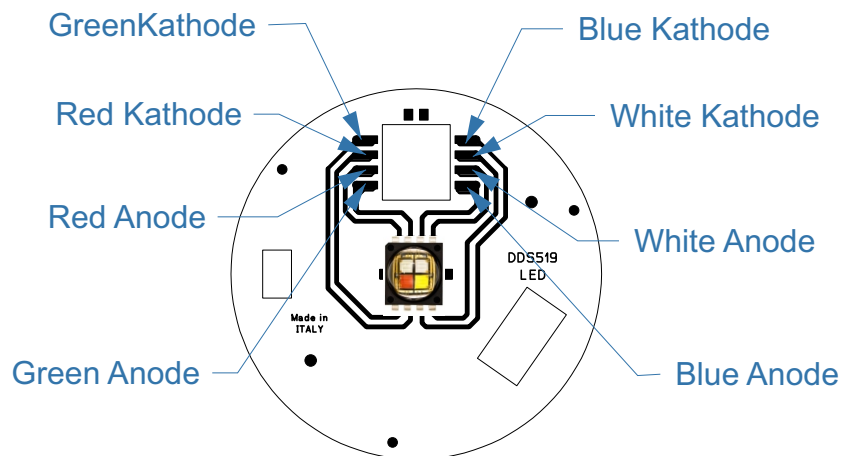
Characteristics	Unit		Red	Green	Blue	White
Temperature Coefficient of Voltage	mV/°C	Typical	-2	-4	-4	-4
DC Forward Current	mA	Maximum	700	700	700	700
Reverse Voltage	V	Maximum	5	5	5	5
Forward Voltage (@ 350 mA)	V	Typical	2.1	3.4	3.2	3.1
		Maximum	2.5	3.9	3.9	3.9
Forward Voltage (@ 700 mA)	V	Typical	2.3	3.7	3.5	3.5



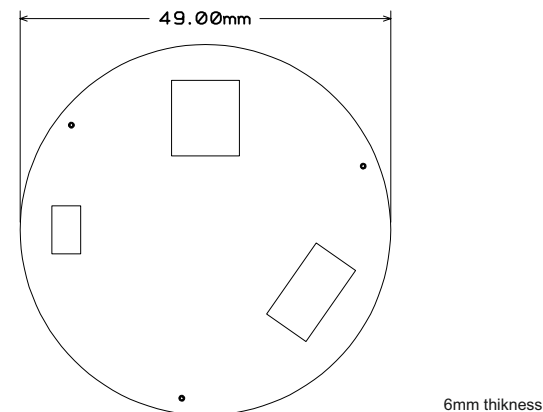
Available color binning

Part	Color	CCT / Dominant Wavelength Range		Base order codes Min. Luminous Flux @ 350 mA*		Order Code
		Min.	Max.	Group	Flux (lm)	
White	Cool White	5000 K	10,000 K	K	370	MCE4WT-A2-0000-000K01
				M	430	MCE4WT-A2-0000-000M01
	Neutral White	3700 K	5000 K	J	320	MCE4WT-A2-0000-000J01
				K	370	MCE4WT-A2-0000-000K01
	Warm White	2600 K	3700 K	G	240	MCE4WT-A2-0000-000G01
				H	280	MCE4WT-A2-0000-000H01
Dynamic White	2 cool-white die	6500 K	2700 K	K	100	MCEDWT-A1-0000-0000A1001
				G	70	MCEDWT-A1-0000-0000A1002
	2 warm-white die	6000 K	2700 K	K	100	MCEDWT-A1-0000-0000A1001
				G	70	MCEDWT-A1-0000-0000A1002
	2 cool-white die	6000 K	2700 K	K	100	MCEDWT-A1-0000-0000A1001
				G	70	MCEDWT-A1-0000-0000A1002
Color	Red	620 nm	630 nm	A5	30.6	MCE4CT-A2-0000-00A5AAA1
	Green	520 nm	535 nm		67.2	
	Blue	450 nm	465 nm		8.2	
	Cool White	5700 K	7000 K		100	
	Red	620 nm	630 nm	A4	30.6	MCE4CT-A2-0000-00A4AAA1
	Green	520 nm	535 nm		67.2	
	Blue	450 nm	465 nm		8.2	
	Neutral White	3700 K	4300 K		80	

Wiring



Mechanical data



Ordering Code:

Lamp.519RGBW1	Neutral White
Lamp.519RGBW2	Cool White
Lamp.519DW	Dynamic White

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