



# Rebel 14

**10422**

Lux Lumen bvba  
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# Electrical specifications

Electrical specifications

Per PCB

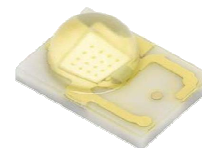
Voltage: 48V  
Current: 150mA  
Power: 7,2W

Leds

Type: Luxeon Rebel

Current: 150mA

Colour	Part Number	Wave-length	Min Luminous Flux (lm) or Radiometric Power (mW) per led (150mA)
Cool White	LXML-PWC1-080	6700 K	34.3 lm
Green	LXML-PM01-0080	535 nm	34.3 lm
Royal Blue	LXML-PR01-0225	445 nm	97 mW
Red	LXML-PD01-0040	631.0 nm	17.2 lm
Amber	LXML-PL01-0030	589.5 nm	12.9 lm
Warm White	LXML-PWW1-0050	2760 K	21.5 lm

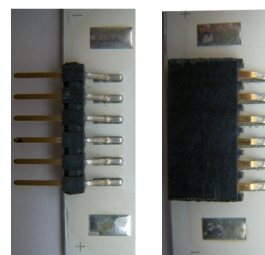
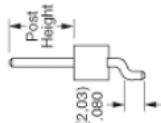
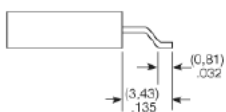


Connectors

6-pins connector + 2 pads on each side

SMH106

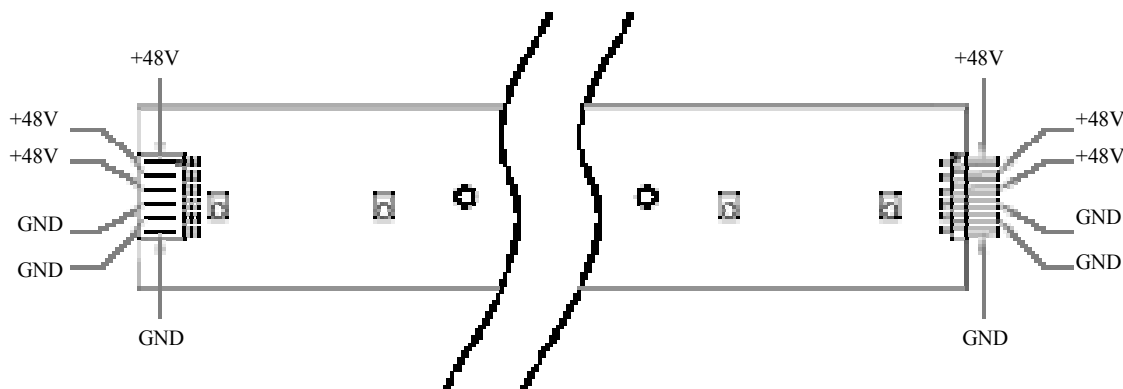
TSM106



Recommended cables

Any cable adapted to the current can be used.

Connection scheme



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# Mechanical specifications

## Dimensions

Dimensions: 420mm x +/- 34mm  
Pitch between two leds of the same colour: 30mm  
Height led: +/- 3,4mm (PCB included)  
Max height of electronics: +/- 4,8mm (PCB included)

## Weight

+/- 63g

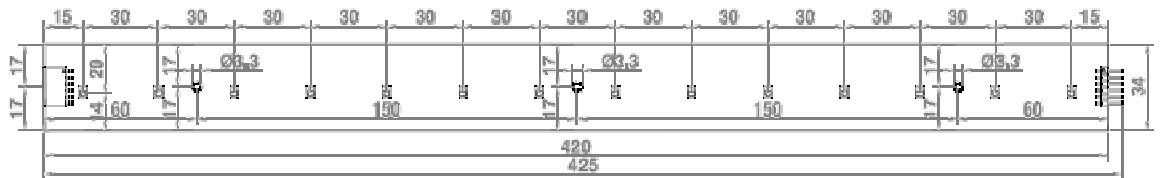
## Assembling

Thermal pasta or thermal tape should be applied on the back side of the PCB.  
A sufficiently large cooling surface should be used.

Maximum 20 boards can be connected to each other.

## Related pieces

## Drawing



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