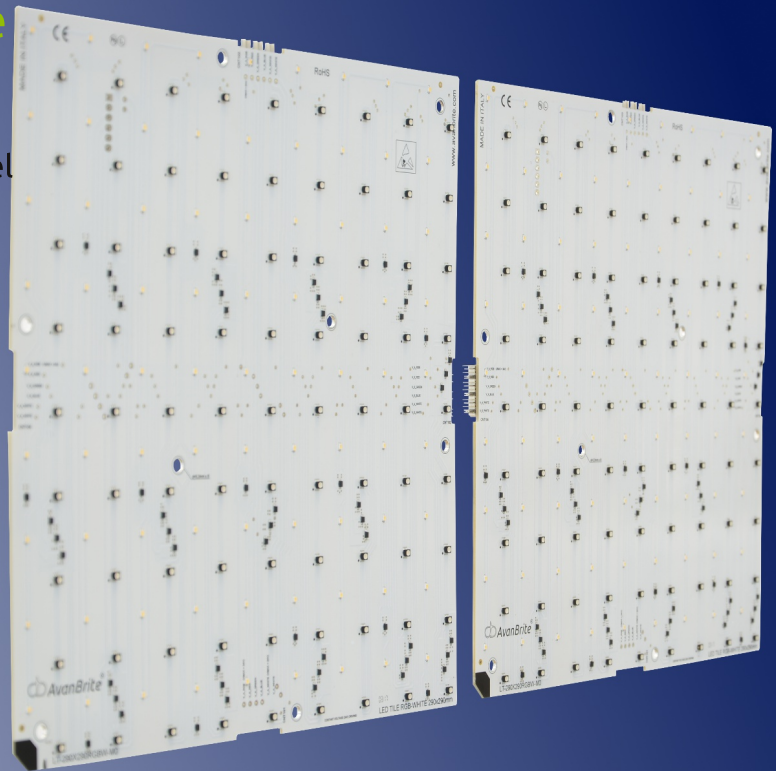




# Tabula™

## Mono RGB and RGBW LED tile

- Suitable as RGBW lighting
- Maximum luminous flux 1600 lm per channel
- 24 VDC power supply
- Maximum power 36 W
- CRI white channel >80
- Dimmable
- Color temperature (CCT) 3000K or 4000 K
- Modular
- Mounting holes
- Easy installation
- Certified components
- Designed & made in Italy



Tabula is a modular mono, RGB and RGBW LED engine particularly suitable for backlighting application and interior lamps.

Tabula measures 290x290mm and thanks to the 4 hermaphrodite connectors placed on the edges more tiles can be merged together in order to obtain a seamlessly light emission surface homogeneous.

Tabula is powered at 24 V DC, even not regulated thanks to a on board linear current regulator, and the RGB and white channels can be dimmed independently in PWM fashion.

Three models are available: white monochromatic with two color temperature options (CCT), RGB and RGB with additional white channel.

The mounted LEDs feature a CRI > 80 for the white channel and true color technology for RGB channels.

The installation takes advantage of 8 mounting holes for each tile and doesn't require any heatsink thanks to the high efficiency.

Tabula is the perfect choice to backlight low translucency materials due to the high light emission flux of 1600 lumen for the white channel and the minimum guaranteed 32000 mcd of light intensity per RGB channel.

The high luminous flux makes Tabula ideal as LED engine for theaters, cinemas, scenography, entertainments places lighting and everywhere a functional RGBW lighting is required.

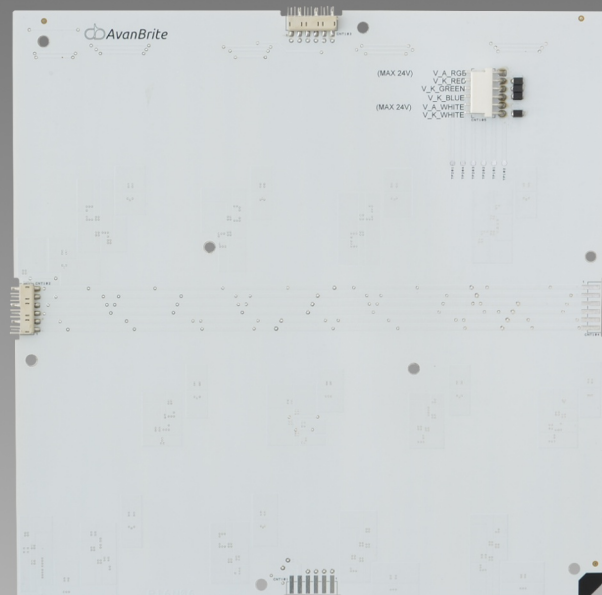
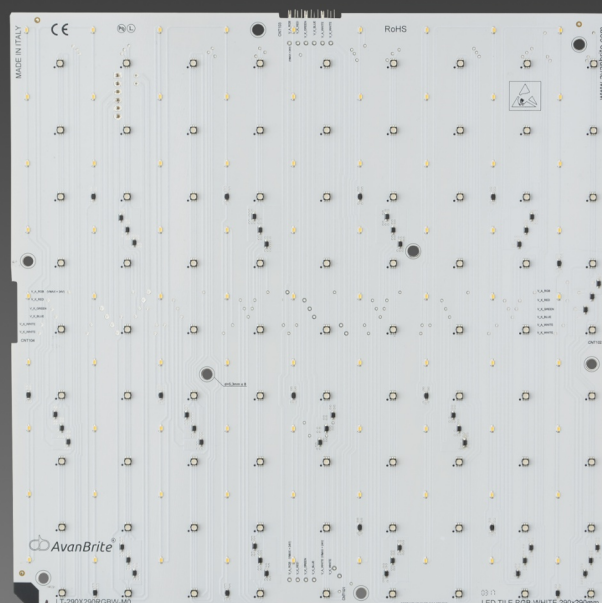
Designed and made in Italy.

## Technical Specifications

<b>Power supply</b>	24V DC
<b>Maximum power per channel</b>	20 W RGB channels 16 W per white channel
<b>Efficiency per channel</b>	not available per RGB ch. 100 lm/W per white channel
<b>Intensity/flux per channel</b>	68-162-32cd per R-G-B 1600 lm per white channel
<b>Number of LEDs per tile</b>	81 white, 81 RGB
<b>LED tile pitch</b>	32 mm
<b>Maximum number of tiles can be connected</b>	6
<b>LED driving</b>	Linear regulator (CCR)
<b>Dimmable</b>	Yes. (PWM)
<b>Average life</b>	50.000 hours (Ta=25°C)
<b>Color temperature white channel</b>	3000K, 4000K
<b>CRI white channel</b>	>80
<b>Reverse voltage protection</b>	Yes. Each tile features reverse voltage protection.
<b>Overvoltage protection</b>	Yes. Each tile features over voltage protection.
<b>Expansion connectors</b>	4 hermaphrodite 6 ways
<b>Power connector</b>	Industrial 6 ways p. 3,96mm
<b>Mounting holes</b>	Yes. 8 5,3mm holes
<b>Dimensions</b>	290x290 mm
<b>Material</b>	FR4, white
<b>Weight</b>	290 grams
<b>IP protection</b>	IP 20
<b>Operating temperature</b>	-10 +40°C
<b>Operating environment</b>	Indoors, dry
<b>Certifications</b>	CE
<b>Warranty</b>	3 years

## Ordering information

Series	Dim. [mm]	Channels	Color temp	Options
LT10	-290X290	-MW (mono white)	-WW (3000K)	-S
LT10	-290X290	-MW (mono white)	-NW (4000K)	-S
LT10	-290X290	-RGB		-S
LT10	-290X290	-RGBW	-WW (3000K)	-S
LT10	-290X290	-RGBW	-NW (4000K)	-S



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AvanBrite S.r.l.  
via dell'Artigianato, 91  
30023 Concordia Sagittaria (VE)  
Italy  
+39 0421 700117  
[info@avanbrite.com](mailto:info@avanbrite.com)