![TDE-lighttech logo] **TDE-lighttech**
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RGB4016 DYNAMIC

The RGB4016 is a versatile LED module which is the ideal solution for dynamic video display or video matrices. It has an ultra-high visual refresh rate (patented technology) which makes this module extremely suitable for studio applications.
The has a true 16 bit colour depth in order to create finer levels of colour and display better gradient effects.

Another possible feature of the LED line is the low level of bending and curving.
Its special designed LED driver: the AD-UDR1 Dynamic LED driver can be controlled via DMX512 or E:PIX protocols.

Features

Dynamic
Individual RGB control

Vivid Colours
RGB

Studio application
ultra high refresh rate

Flexible
Bendable led module

Technical specifications

LED		
	Colour:	RGB
	Lumen output:	121 lumen
	Pixel amount:	16

Power		
	Power:	12~24VDC
	Consumption:	6W
	Maximum length:	8 meter

Miscellaneous		
	Pixel Pitch:	25mm
	Colour depth:	16 bit (better gradient effects)
		8 bit intensity (optional)
	Lifespan:	50.000 hour
	Module length:	400mm
	Cut length:	100mm
	Beam angle:	120º
	Features:	Withstands low level of bending and curving

Control		
	Control interface:	AD-UDR1 Dynamic led driver (DMX512 / E:PIX)

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Dimensions

100mm

21,7mm

400mm

2,5mm
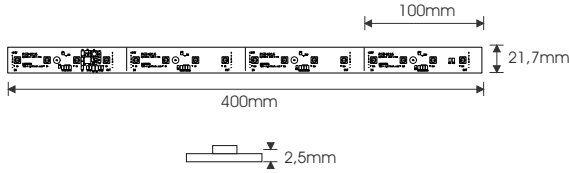
Wiring

Use min 90ºC supply conductors when connecting to the RGB4016 Dynamic LED module. A cable with 4 conducters is needed for the RGB4016 Dynamic LED module

The connecting cable cant be longer than 2 meters.

Only use power supplies which can deliver a constant dc-voltage between 21~24VDC.

Order Code

RGB4016   - RGB4016 Dynamic LED module; 16 RGB Pixels; 24VDC; 6W; 400mm

Order Code Accesoires

RGB4016AF   - led adapter board dynamic RGB male
RGB4016AM   - led adapter board dynamic RGB female

AD-UDR1 Driver connection

In order to connect a RGB4016 Dynamic led module line on to the AD-UDR1 Dynamic LED driver an LED adapter board is needed, as shown below. Please note that the RGB4016 Dynamic LED module are polarity sensitive and cannot have a connecting cable that is longer than 2 meters.