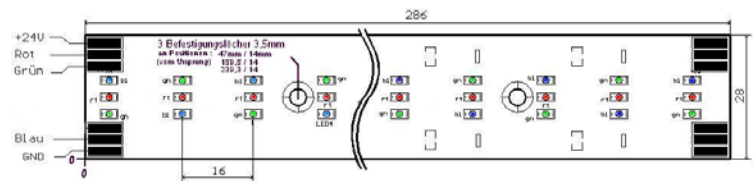
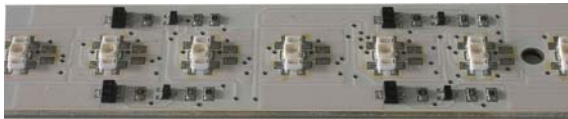


## RGB-Module 54 LEDs

Article-nr. 302015000

Technical Illustration



Description

RGB-module with 54 single SMD-LEDs, 18 LEDs of each color (red, green, blue) with a length of 291 mm. Via 3 PWM control inputs the brightness of each color-channel can be changed continuously between 0 and 100%.

Due to the wide beam angle from 120°, this modul is most suitable for backpanel illumination.

Up to 10 of this modules can be connected together with solder-wire-connectors and controlled via PWM-controller.

On request: also available with additional yellow LEDs (18 pcs) for special coloring effects.

Specification

Color	Wavelength	Luminance	Light Power	Beam Angle	Current/Voltage	
	nm	mcd	lm/w	degrees	mA	V
red	629	typ 350mcd	10	120	0 - 45,0	2.1
green	520	typ 550mcd	20	120	0 - 22,5	3.5
blue	470	typ 350mcd	13	120	0 - 22,5	3.6

**Power Supply:** 24VDC +/- 1V

**Power Consumption:** max. 6W (100% white), average value approx. 3W

**Dimension:** 28 x 289 mm

**Serial Connection:**  
 - limitation power supply: 5 modules (ref. EVG 24V/25W)  
 - control-input: 10 modules