

## SpectraLed\*144 Line

LDDE | lighting ideas



## INFORMATION

The SpectraLed\*144 Line is the first colour mixing unit for the professional Theatre, Television and Entertainment Application with an RGBAW Configuration of 144x1W high-power Led's.

Thanks to the compact design of only 1200x120x80mm (LxWxH) it can be used individually to a surface lighting and a lighting effect for stages, event and show lighting and all kinds.

With the selecting of 36x1W blue, 36x1W green, 24x1W red, 24x1W amber, 24x1W cold white high-power Led's that system enabled the full spectrum of colours on stage.

The Unit is designed and made in the same shape of housing and the clever multicore concept of the popular SpectraConnect5 and fully compatible!

Each Unit can fitted with 3 different optical-modules.

Due to the split in three segments of the SpectraLed144\* Line different optical-modules can use in one and the same unit.

The beam angle are 10°, 25° and 50°. In front of the unit a slot is useful to insert different frostfilter.

The DMX control board and power-supply are integrated and each unit are connected with a power/data cable. This makes the set-up and handling on stage easy and fast.

With the first large production with 22 Units of this new system starts in october at the Bayrische Staatsoper Munich!



Fotos: GretscheHouse.com

hofmann



# SpectraLed\*144 Line

technical specifications

## SpectraLed\_144\* RGBAW Line

### Housing:

Sturdy extruded aluminium profile design  
For any working and mounting position.  
Optional mounting brackets for truss mounting  
Exterior finish: black, grey\* or white\*  
(\*on request)  
IP20 protection rating

### Led Typ:

Power Light Source: Cree Emitter  
Colour temperature: 3000°K – 6500°K  
Rated lifetime: 60.000 h

### LightSource:

144x 1W LED's (36x1W blue, 36x1W green,  
24x1W red, 24x1W amber, 24x1W cold white)

### Beam Control:

"soc" dimmer technology assure:

- continuous dimming from 0-100%
- fully supported brightness control
- internal 16bit resolution
- absolutly flicker-free time fades
- digitally optimized colour mixing performance
- RGBAW values are linearly controlled for colour fidelity at dimming levels
- Separate control of colour and intensity
- High speed flahes and strobes (up to 25Hz.) effects supported
- Optimized for TV transmission

### Led Optics:

changeable modular  
optical in 10°, 25° and 50° angles

### Controll:

DMX512 USITT protocol  
Power/ Data Multicore System for quick connecting  
Adressing via BCD switches and two indicators or OLED display with 5 buttons  
Function channels list:  
1=Intensity/Master  
2-6= RGBAW  
7=strobe

### Cooling:

Heatsink design with two temperature controlled fans self-adjusting variable speed  
internal sound-buffle concept for "low-noise" operation!!!

### Construction:

Sturdy extruded aluminium profile design

### Weight:

8kg

### Dimensions:

1208x115x80mm without additional mounting hardware

### Electrical:

200W@full load  
100VAC ~ 250VAC / 50/60Hz

### Conformity:

CE, EN 50081-1, EN 50082-1  
EN 60598-1, EN 60598-21-17

