

## SpectraLed20\* RGBW-FC

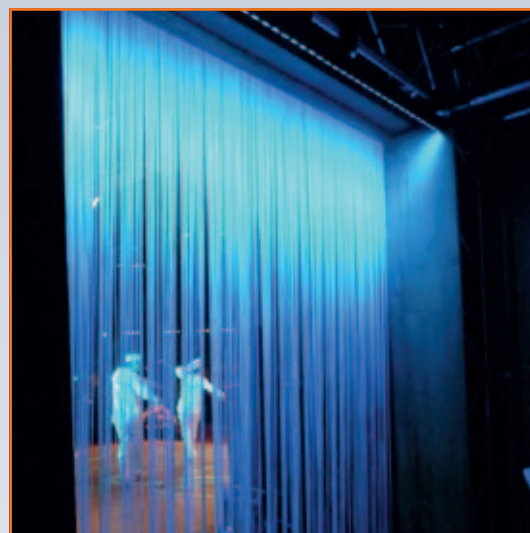
*Concentrated power in the smallest possible format*

LDDE presents SpectraLed20\* RGBW-FC, a high quality LED ramp incorporating the newest full-colour RGBW LED technology. Twenty CREE 3W full-colour RGBW LEDs from the latest generation enable extremely even light distribution and light output in a tiny format.

Integrated full-colour technique avoids unwanted colour shadows, familiar from conventional LED systems with RGBW single lens. A particularly notable feature of this lamp system is the small size and the low weight of only 2kg / 4.4 lbs. Therefore, this ramp is ideal for installation in decor, as an optical element in stage design and for use as a floor ramp.

All settings can be set by remote control, for instance start address, mode and PWM-frequency. Further features are selective control from 0-100% via integrated soc<sup>®</sup>-technology, an integrated XLR power/data plug system, seamless daisy chaining and a receptacle for two 16mm / 0.6 in. DIN-plugs.

- » selected full-colour RGBW LED emitters from the latest generation
- » soc<sup>®</sup>-technology für 0-100% control
- » 15°, 25° and 40° lenses
- » flicker free due to adjustable PWM-frequency
- » wide-mode for single pixel control
- » mounting receptacle for light clamps
- » extremely compact build
- » unbelievable 2kg / 4.4 lbs weight
- » lifespan 60.000 hours
- » seamless daisy chaining
- » multicore connection system



ORF: Musikantenstadl



*a green product from*  
**AUSTRIA**

# SpectraLed20\* RGBW-FC Technical Specifications

## Control / Wiring:

- DMX512 USITT protocol
- addressing by remote control
- XLR 4pole power/data multicore system for fast connections

## Features:

- even control from 0-100%
- intern 16-bit resolution
- absolutely flicker free fades
- 20 milliseconds reaction time, up to 25 Hz strobe frequency
- adjustable PWM-frequency and therefore ideal for HDTV

## Lightsource:

- 20 x 3 W full-colour RGBW power LEDs

## Power supply / Rating:

- input voltage: 24 VDC / 50/60 Hz by external power supply
- power input: 75 W

channel assignment:

- 1 → intensity/master
- 2 – 5 → RGBW
- 6 → strobe effect

## Construction:

- aluminium strand casting profile for every mounting position
- optionally available mounting angles for trussing and poles
- chassis colour: black (other colours on request)
- protection class IP44

## Size / Weight:

- 1000mm x 60mm x 35mm / 39,3 in. x 2,3 in. x 1,4 in. (WxHxD), without mounting accessories
- weight: 2kg / 4,4 lbs

## Cooling:

- convection cooling with special cooling management

## Conformity:

- CE, EN 50081-1, EN 50082-1, EN 55015, EN 60598-1



side view



different optical lenses



power supply PSU / MKII-6