

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 2.5kg / 5.5 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[®]-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[®]-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 2.5kg / 5.5 lbs weight
- » 60.000 hours lifetime
- » seamless daisy chaining
- » multicore connection system

a green product from
AUSTRIA



ORF: Musikantenstadl



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 CREE MC–E RGBW power LEDs

Power supply / Rating:

- input voltage: 24 VDC / 50/60 Hz by external power supply
- power input: 95 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 40mm / 39,3 in. x 2,3 in. x 1,6 in. (WxHxD), without mounting accessories
- weight: 2,5kg / 5,5 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

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Types & Accessories

Order-No. / Type / Description

SpectraLed20* Line:

20050310951	SpectraLed20* SL20-I-320-RGB-FC-15	20x 3W Full Colour RGB LED, high power line, 15°, DMX 0-100% soc
20050310952	SpectraLed20* SL20-I-320-RGB-FC-30	20x 3W Full Colour RGB LED, high power line, 30°, DMX 0-100% soc
20050310953	SpectraLed20* SL20-I-320-RGB-FC-40	20x 3W Full Colour RGB LED, high power line, 40°, DMX 0-100% soc
20050310954	SpectraLed20* SL20-I-320-RGB-FC-120	20x 3W Full Colour RGB LED, high power line, 120°, DMX 0-100% soc

Accessories:

20050310710	PowerSupply PSU/MKII-6	power supply 200W, for SpectraLED20, power switching supply, noiseless; (up to 3 SpectraLED20 Lines)
20050310420	Remote Control	incl. power supply

