



## COLOR DRIVER RFCC SYSTEM



### FEATURES / BENEFITS

- ▲ User friendly handheld remote or control by push button wallplate
- ▲ Add up to 99 slave drivers per master driver
- ▲ System allows for control of up to 1800 LEDs with a single remote or wall pack
- ▲ 3 Fully addressable output channels to separately control & drive red, blue & green LED circuits, making infinite combinations of colors possible
- ▲ Digital dimming level from 0-100%
- ▲ Short & open circuit protected
- ▲ Remote mountable up to 30 meters (95')
- ▲ DMX controllable
- ▲ Available Color Kinetics pass through license, contact factory for details.

### OPERATING CONDITIONS

- ▲ Operating Ambient Temperature -10°C to +55°C
- ▲ Maximum case temperature 85°C
- ▲ Input voltage 110-240 VAC / 50-60 Hz
- ▲ Power consumption, 0-27W
- ▲ Power factor =0.95
- ▲ Output current = 350mA at 100%
- ▲ Maximum # LEDs = 6 per channel / 18 per driver (master or slave)
- ▲ Dimming control of master by handheld remote
- ▲ Link up to 99 slave drivers per master
- ▲  $V_{out}$  : 3-24 VDC

### MECHANICAL DIMENSIONS

**Master & slave drivers:**  
179.2mm x 53.3mm x 32.3mm  
(7.06" x 2.10" x 1.27")  
2 Mounting slots for M3 screws

**Handheld remote:**  
96mm x 47mm x 24mm  
(3.78" x 1.85" x 0.94")

**Wall plate:**  
86mm x 86mm x 24mm  
(3.39" x 3.39" x 0.94")  
(Once installed, wall plate depth 12mm above grade)

Dialight reserves the right to make changes at any time in order to supply the best product possible.

### APPLICATION

- ▲ Dynamic RGB color mixing
- ▲ Decorative lighting
- ▲ Entertainment lighting
- ▲ Theme lighting
- ▲ Bars & restaurants
- ▲ Appropriate driver for Dialight-Lumidrives Colorengine Circular or HL16 RGB modules

### MATERIALS/FINISH

- ▲ LED output via MOLEX micro fit 3.0 system (female)
- ▲ RJ45 cable to link master to first slave and from first slave to second (and so on)

**Dialight Corporation**

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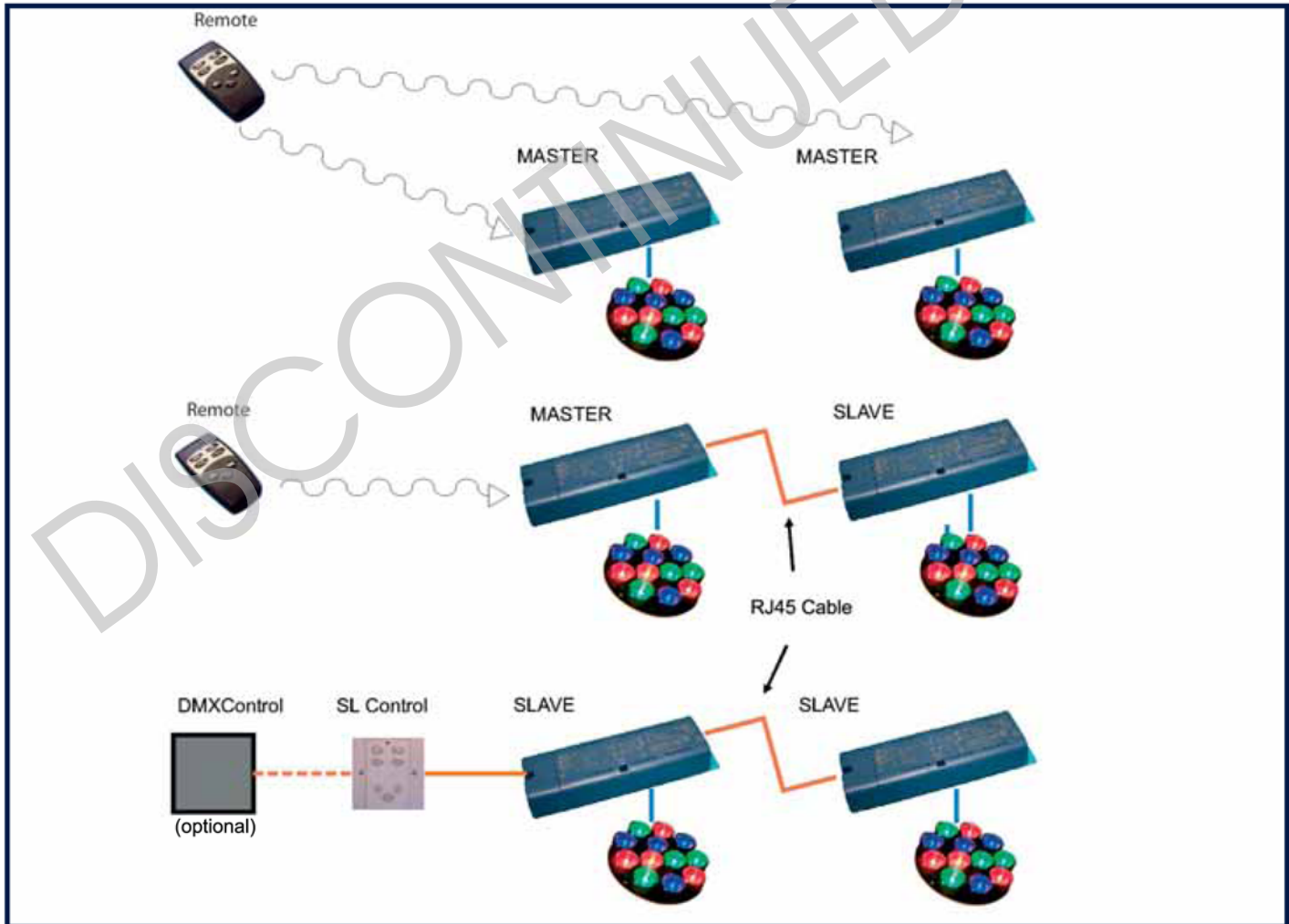


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## PART NUMBERS

Reference Part Number	Dialight Part Number	Description
CDURF-3-35	RFCCMASTER	18 LED Colordriver RF Master
CDUSL-3-35	RFCCSLAVE	18 LED Colordriver RF Slave
CDURF-TX	RFCCREMOTE	Colordriver RF Remote

## WIRING INFORMATION



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