



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)

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

Dialight Corporation

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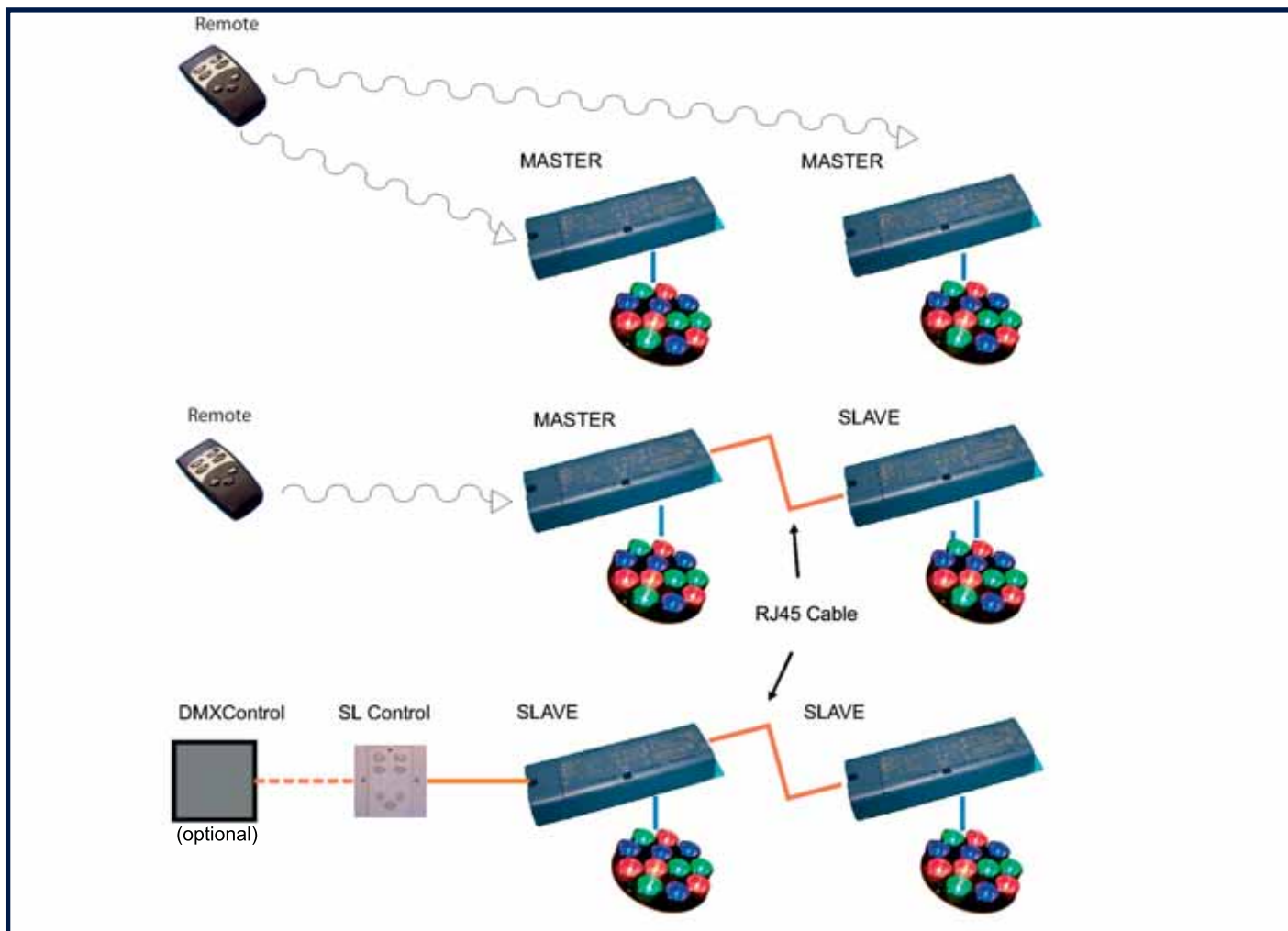


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PART NUMBERS

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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