Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Dialight Lumidrives

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 -10ºC to +55ºC

▲ Maximum case temperature 85ºC

▲ 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

APPLICATION

▲ Dynamic RGB color mixing

▲ Decorative lighting

▲ Entertainment lighting

▲ Theme lighting

▲ Bars & restaraunts

▲ Appropriate driver for Dialight-Lumidrives Colorengine Circular or HL16 RGB modules

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)

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
1501 Route 34 South • Farmingdale, NJ 07727 USA
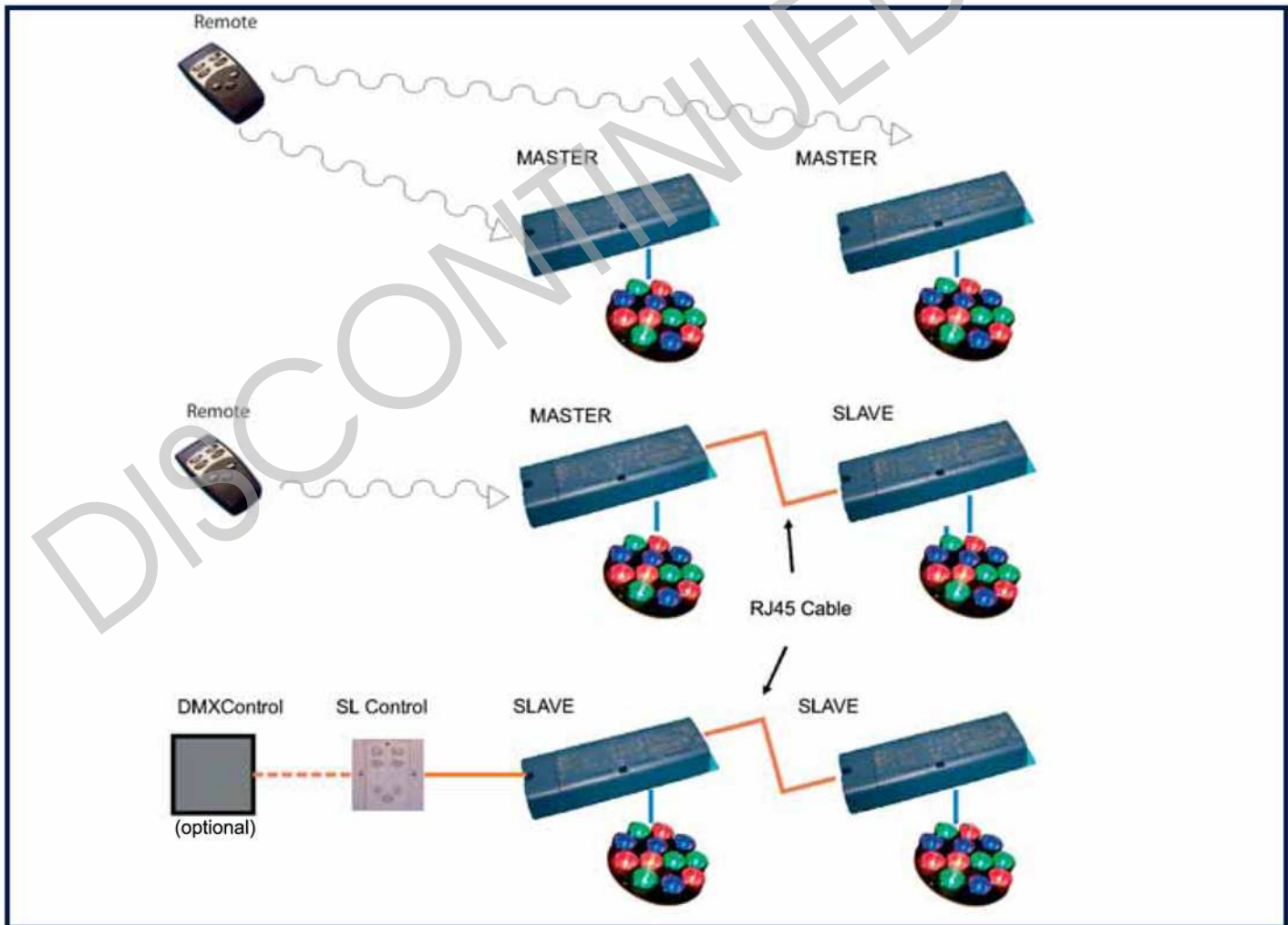Tel: (1) 732-919-3119 • Fax: (1) 732-751-5778 • www.dialight.com

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

MDEXLUMCDRFCC_C

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

MDEXLUMCDRFCC_C