



33 000 013 - 1

**DALI LED dimmer 8 A RGB
DL-RGB-8A-DC12+**

Eltako

**Only skilled electricians may install this
electrical equipment otherwise there is
the risk of fire or electric shock!**

Temperature at mounting location:
-20°C up to +50°C.
Storage temperature: -25°C up to +70°C.
Relative humidity:
annual average value <75%.

**DALI LED dimmer with RGB colour control
for luminary installation and flush-mounted
box. 59x33x15 mm. Protection class IP20.
Only 0.12 watt standby loss.**

Designed to control **constant voltage** LED
modules (CV) at operating voltages of 12 V to
48 V, operating mode DT8: a DALI address to
control brightness and colour DALI DT8,
Type RGBWAF).

Operating mode Colour&Dim:
activated by 2 DALI addresses, one to adjust
brightness and one to set the colour.

SwitchDim2:
Operation via 2 switch inputs permit bright-
ness and colour to be controlled without
DALI.

Dimming range 0.1%-100%.
Switchable PWM frequency (122 Hz/
244 Hz/488 Hz/976 Hz).
Power voltage 12 V to 48 V DC (depending on
operating voltage of LED modules).
Connected current 8 A.
The maximum connected current can be
distributed to the channels as required.
Low stand-by losses..
High efficiency.
Configuration via DALI Cockpit PC software
and DALI USB interface.

Operating modes:

The device has several operating modes:

DT8 (as-delivered state):

In this operating mode brightness and colour
are controlled by a DALI address (Device Type
8). Alternatively, operation can also take
place by two pushbutton inputs (Switch-
Dim2):

SwD1:

brightness.

Press pushbutton briefly: On/Off.

Press pushbutton long: Dim.

SwD2: Colour

Colour&Dim:

This operating mode is used to control RGB
luminaries. Control is by means of 2 DALI
addresses; one address affects brightness
and the other affects channel distribution
(e.g.: colour).

Colour&Dim mode is used to adjust colour
temperature without affecting brightness
and vice versa. Adjustment is by means of
DALI standard commands such as Dim Up/
Down. This permits all customary controls
and gateways (e.g. KNX). This control option
is an alternative to DT8-RGBWAF mode.

Operable via DALI or SwitchDim2:

DALI address 1, SwD1: brightness.

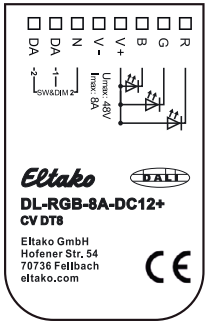
DALI address 2, SwD2: Colour.

Technical data

Max. connected current 8 A

Plug-in terminals:

Max. connection
cross-section 1.5 mm²



**The crossed-out waste container indicates
that batteries may not be disposed with
other household or commercial waste.**

Must be kept for later use!

Eltako GmbH

D-70736 Fellbach

Technical Support English:

+49 711 94350025

technical-support@eltako.de

eltako.com

19/2021 Subject to change without notice.