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**DALI LED dimmer 8 A
tunable white**

DL-TW-2LT-8A-DC12+



**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 for separate control of
brightness and colour temperature. For
luminary installation and flush-mounted
box. 59 x 33 x 15 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: control bright-
ness and colour temperature by a DALI
address (Device Type 8, Colour Type Tc).
Operating mode Balance&Dim: activated
via 2 DALI addresses, one to adjust bright-
ness and one to set channel distribution
(e.g. colour temperature).

Operating mode Dim2Warm: one DALI
address to dim and to change the colour
temperature at the same time.

SwitchDim2: operation via 2 pushbutton
inputs permits control of brightness and
colour temperature without DALI.

Dimming range 0.1%-100%.

Switchable PWM frequency (122 Hz/
244 Hz/488 Hz/976 Hz).

Power supply depending on type from 12 V
to 28 V DC or 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
any channel.

High efficiency. Configuration via DALI
Cockpit PC software and DALI USB inter-
face.

Operating modes:

The device has several operating modes:

DT8 (as-delivered state):

in this mode a DALI address (Device Type 8,
Colour Type Tc) is used to control brightness
and colour temperature. Alternatively,
operation can also take place by one or two
pushbutton inputs (SwitchDim2).

SwD1:

brightness.

Press pushbutton briefly: On/Off.

Press pushbutton long: Dim.

SwD2:

Colour temperature.

Balance&Dim:

Control is by means of 2 DALI addresses
(or SwitchDim2); one address is used for
dimming and the other for channel distribu-
tion (i.e., e.g.: tunable white or direct/indi-
rect lighting distribution).

The Balance&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 con-
trol option is an alternative to DT8-Tc mode.

Operable via DALI or SwitchDim2:

DALI address 1, SwD1: brightness.

DALI address 2, SwD2: Balance.

Dim2Warm:

The two output channels are controlled by a
DALI address or an SwD input. Channel dis-
tribution is permanently coupled to the
dimming value.

The smaller the dimming value, the warmer
the light.

DALI address 1, SwD1:

Dim2Warm (Master).

Press pushbutton briefly: On/Off.

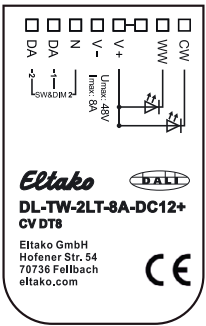
Press pushbutton long: Dim.

Technical data

Max. connected current 8 A

Plug-in terminals:

Max. conductor
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!

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