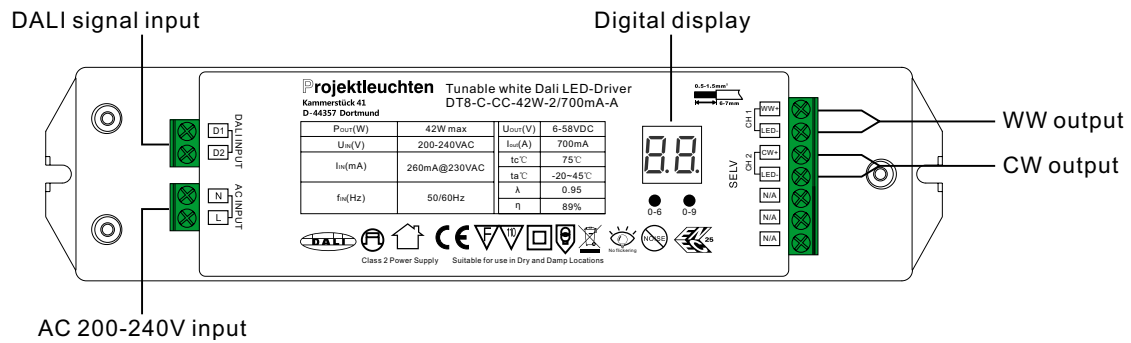
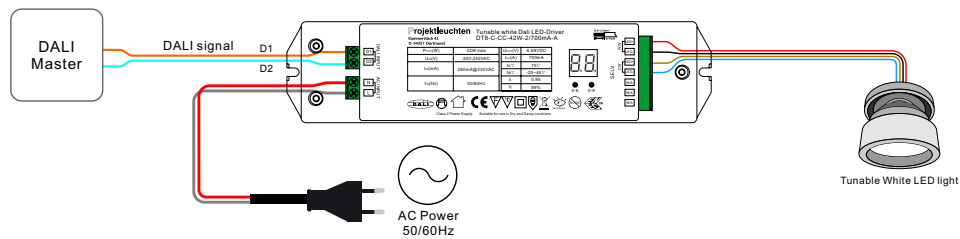


Tunable White Dali DT8 LED-Driver

DT8-C-CC-42W-2/700mA-A



Wiring Diagram



Output	DC Voltage	6-58V DC
	Current	700mA
	Rated Power	max. 42W
Input	Voltage Range	200 – 240V AC
	Frequency	50/60Hz
	Power Factor (Typ.)	>0.95
	Efficiency (Typ.)	89% @ 230VAC
	Input Current	0.26A @ 230VAC
Control	Dimming Interface	DALI Device Type 8
	Dimming Range	1% – 100%
	Dimming Method	Amplitude dimming (No output PWM)
Protection	Short Circuit	Yes
	Over Current	Yes
	Over Temperature	Yes
Environment	Working Temp.	-20°C ~ +45°C
	Max. Case Temp.	75°C
	Working Humidity	10% ~ 95% RH non-condensing
	Storage Temp. & Humidity	-40°C ~ +80°C, 10% ~ 95% RH
Safety&EMC	Safety Standards	EN61347-1, EN61347-2-13
	Withstand Voltage	I/P-O/P: 3.75KVAC
	EMC Emission	En55015, EN61000-3-2, EN61000-3-3
	EMC Immunity	En61547, EN61000-4-2,3,4,5,6,8,11, surge immunity Line-Line 1KV
Others	MTBF	193.6K hrs min.@ 230VAC at full load and 25°C ambient temperature
	Dimension	210 x 50 x 32mm (LxWxH)
Max. pcs for CB B16A		30



- Dimmable DALI DT8 LED driver for tunable white
- Max. output power 42W
- 2 channels 700mA constant current output
- Class II power supply, full isolated plastic case
- High power factor and efficiency
- Built-in DALI interface, DALI DT8 device
- Complies to IEC 62386-209:2011
- DALI DT8 device to control Warm White and Cool White output via a single DALI address
- Color temperature adjustment according to DALI specifications of Device Type 8, Color Type Tc.
- Compatible with universal DALI masters that support DT8 commands
- IP20 rating, suitable for indoor LED lighting applications

Safety & Warnings

- DO NOT install with power applied to device.
- DO NOT expose the device to moisture.

Operation

1. Set DALI Address Manually Via Buttons



● 0-6 ● 0-9

- 2.1. Press and hold down any of the two buttons until numeric digital display flashes, then release the button.
- 2.2. Click any of the two buttons once to select a digit, click again to change the digit until the desired DALI address appears. Click first button to set "tens" position and second button to set "units" position. The address can be set from 00-63.
- 2.3. Then press and hold down any of the 2 buttons until the numeric digital display stops flashing to confirm the setting.

Note: DALI address can be manually assigned from 00-63-FF, by factory defaults, no DALI

address is assigned for the dimmer, and the display shows FF. Setting DALI address as

FF will reset the dimmer to factory defaults.

2. DALI Address Assigned by DALI Masters

DALI address can also be assigned by DALI Master controller automatically, please refer to user manuals of compatible DALI Masters for specific operations.

Note: The digital display will show AU When the DALI master is assigning addresses.

3. Once an address is selected, all two channels' address will be the same. For example, if the dimmer is addressed to 22 on the display then CH1 and CH2 will be the same address 22.

4. Tunable White Colour Range

The driver has 2 output channels used to control the intensity and temperature of white colour as well known as "Tunable White". The controlled colour temperature range is 2700K-4000K.

5. Power On Level

Power on level is a DALI parameter that defines the level of a control gear after power is restored. The factory default power on level for this driver is 0, which means the driver will be at 0% intensity when power is restored.