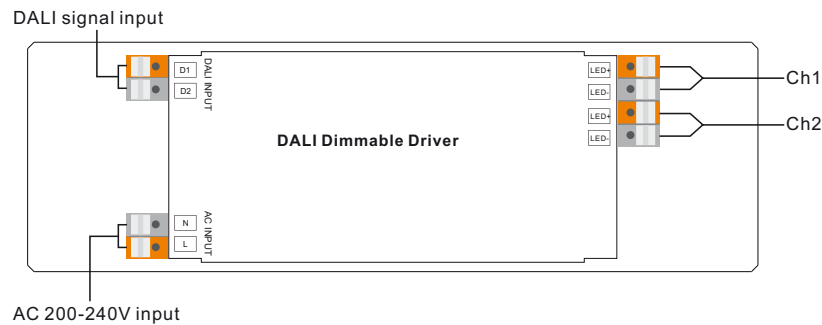
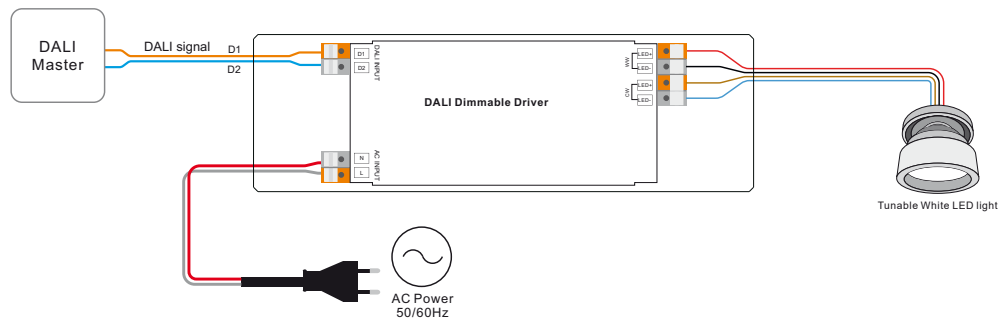


Tunable White 30W DALI DT8 LED Driver DT8-C-CC-30W-2/500mA-A



Wiring Diagram



Output	DC Voltage	8-58V DC
	Current	500mA
	Rated Power	max. 29W
Input	Voltage Range	200 – 240V AC
	Frequency	50/60Hz
	Power Factor (Typ.)	>0.95
	Efficiency (Typ.)	88% @ 230VAC
	Input Current	0.09A @ 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	170 x 53.4 x 28mm (LxWxH)
Max. pcs for CB B16A		49



- Dimmable DALI DT8 LED driver for tunable white
- Analog current control, no PWM output, flicker free
- 2 channels constant current output , max. output power 30W
- Output current 500mA
- 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. 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.

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

3. 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-6500K.

4. 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 100, which means the driver will be at 100% intensity when power is restored.