

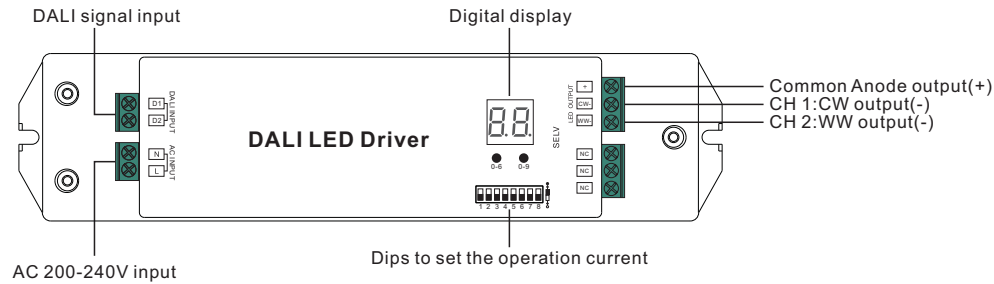
SLC 50W DALI CCT Dimmable Driver(DT8)



S32077

Important: Read All Instructions Prior to Installation

Function introduction



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	Dimension	210*50*32mm (L*W*H)

Dips to set the operation current



Current	1	2	3	4	5	6	7	8
250mA	○	○	○	○	●	●	●	●
300mA	○	○	○	○	●	●	●	○
350mA	○	○	○	○	●	●	○	○
400mA	○	○	○	○	●	○	○	○
450mA	○	○	○	○	●	○	●	○
500mA	○	○	○	○	●	○	○	○
600mA	○	○	○	○	●	○	○	○
700mA	○	○	○	○	●	○	○	○
800mA	○	○	○	○	○	○	○	○
900mA	○	○	○	○	○	○	○	○
1000mA	○	○	○	○	○	○	○	○
1100mA	○	○	○	○	○	○	○	○
1200mA	○	○	○	○	○	○	○	○
1300mA	○	○	○	○	○	○	○	○
1400mA	○	○	○	○	○	○	○	○
1500mA	○	○	○	○	○	○	○	○

Product Data

Output	Selectable Current	250mA	300mA	350mA	400mA	450mA	500mA	600mA	700mA
	DC Voltage Range	8-48V	8-48V	8-48V	8-48V	8-48V	8-48V	8-48V	8-48V
	Selectable Current	800mA	900mA	1000mA	1100mA	1200mA	1300mA	1400mA	1500mA
	DC Voltage Range	8-48V	8-48V	8-48V	8-46V	8-41V	8-38V	8-35V	8-33V
Rated Power		50W							
Input	Voltage Range	200-240V AC							
	Frequency	50/60Hz							
	Power Factor (Typ.)	> 0.9							
	Efficiency (Typ.)	87% @ 230VAC							
	Input Current	0.27A @ 230VAC							
Protection	Short Circuit	Yes							
	Over Voltage	Yes							
	Over Temperature	Yes							
Environment	Working Temp.	-20°C ~ +45°C							
	Max. Case Temp.	85°C							
	Working Humidity	10% ~ 95% RH non-condensing							
	Storage Temp. & Humidity	-40°C ~ +80°C, 10% ~ 95% RH							

- DALI DT8 Dimmable LED driver for tunable white
- 2 channels constant current output, total output power up to 50W
- Output current level selectable from 250mA to 1500mA by DIP switches
- 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
- Error report function
- IP20 rating, suitable for indoor LED lighting applications
- 5 years warranty

Safety & Warnings

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

Operation

1. Output Current

Select the correct output current before wiring to LED light by DIP Switches. Please make sure the power to the driver is disconnected before selection of the output current.

2. 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.

3. 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.

4. 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.

Wiring Diagram

