

HALCYON

DALI Dimming LED DRIVER

DRDDACC 16-25W

Features:

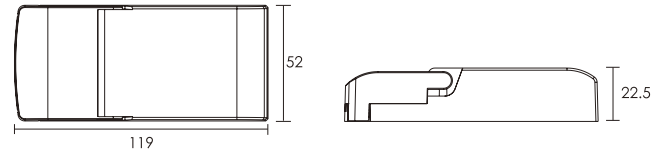
- DALI 2 certified LED driver
- Dimmable with DALI signal
- Independent compact design
- Configurable constant current output via dip-switch
- Switch-Dim function
- Dimming range 1...100%
- Analogue flicker-free dimming
- Open circuit, short circuit, over load protection
- Suitable for use in emergency lighting systems
- Protection class II

Specifications ,Characteristics:

-Technical data

Model No	DRDDACC 16-25W
Input Voltage	220-240VAC
Input Frequency	50/60Hz
Input Current (Full load)	0.16A
Standby power	≤0.5W
Power Factor (Full load)	≥0.95
Output	260mA,20-60V,5.2-15.6W 350mA,20-60V,7-20W 400mA,20-60V,8-24W 450mA,20-55V,9-25W 500mA,20-50V,10-25W 550mA,20-45V,11-25W 600mA,20-40V,12-25W 700mA,20-36V,14-25W
Maximum Output Power	25W
Control input	DALI; Switch-Control
Operating Ambient Temperature	-20 ...+ 50 C
Case Temperature at tc Point	80 C
Dimensions(LxWxH)	119x52x22.5mm

Dimensions(mm):



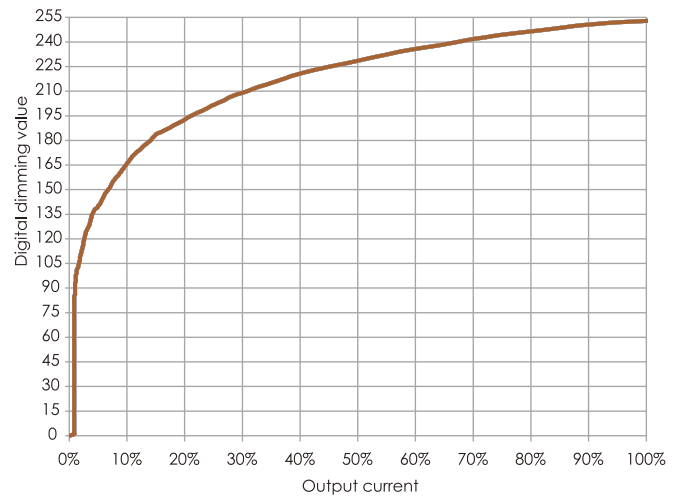
Dip Switch Settings:

DRDDACC 16-25W

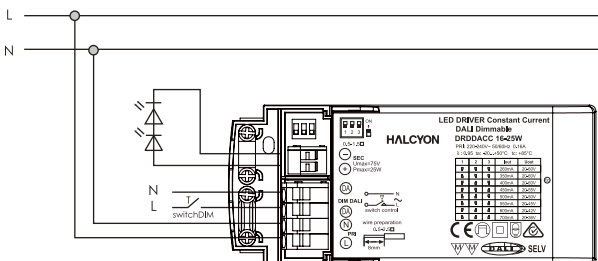
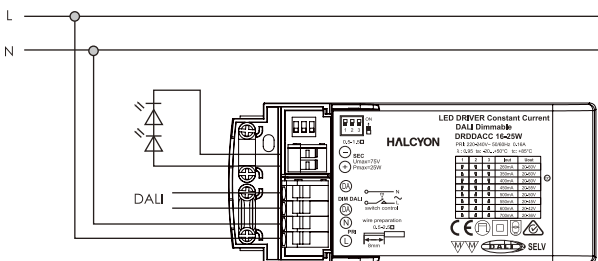
1	2	3	Iout	Uout
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	260mA	20-60V
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	350mA	20-60V
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	400mA	20-60V
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	450mA	20-55V
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	500mA	20-50V
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	550mA	20-45V
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	600mA	20-42V
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	700mA	20-36V

-Factory default setting 260mA

Dimming Characteristics:



Wiring:



Functions:

DALI:

In this operating mode the light level of the device is controlled via its DALI address.

Switch-control:

Alternatively the device can be controlled using switch-inputs for mains voltage. The dimm level is saved at power-down and restored at power-up.

- Short press (<1S): switches LED driver ON and OFF.
- Long press: LED modules are dimmed. After repush the LED modules are dimmed in the opposite direction.
- In installations with LED drivers with different dimming levels or opposite dimming directions, all LED drivers can be synchronized to 50% dimming level by a 1.5S push, switch off the light by short press one time, then long press.

Notice:

- The compatibility with other devices must be tested in advance to the installation.
- DALI application and switch-control application can not apply to the system at the same time