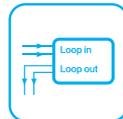
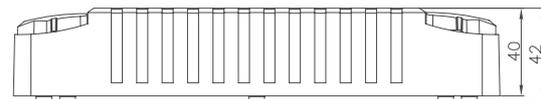
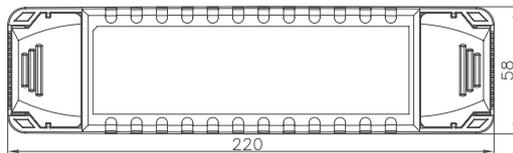
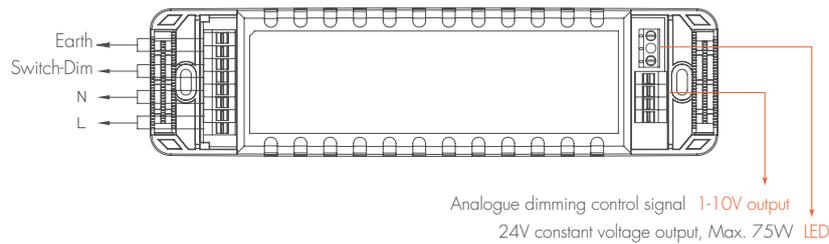
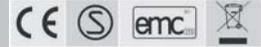


## CONSTANT VOLTAGE

# Dimmable LED Driver

### 1-10V Dimming & Switch-Dim

Model: HE3075-A, 1x75W 24V



This driver is specially designed for big wattage strip light, track light and wire system, where dimming is extremely difficult due to the narrow responding voltage range of the LED.

Our solution is to add a potentiometer for end-users to find, align and adjust the min. dimming level for each specific application, expand the responding voltage range for dimming, hence the drivers can be dimmed with ordinary 1-10V dimmers and switch-DIM.

## Switch - Dim



- On/off control: short push (<1 s) on the switch.
- Stepless dimming: long push (>1 s) on the switch.
- For fine tuning of light level: with every other long push, the light level goes to the opposite direction.
- Built-in with permanent memory: light returns to the previous dimming level when switched off and on again, even at power failure.

## Synchronization

Up to 50pcs drivers can be connected to the same switch, thanks to the programme. This means there is no need for any additional synchrony wire in large installation, where many drivers should be controlled by one switch.

Please follow the steps below to achieve synchronization function if more than one driver are connected to the same push button:

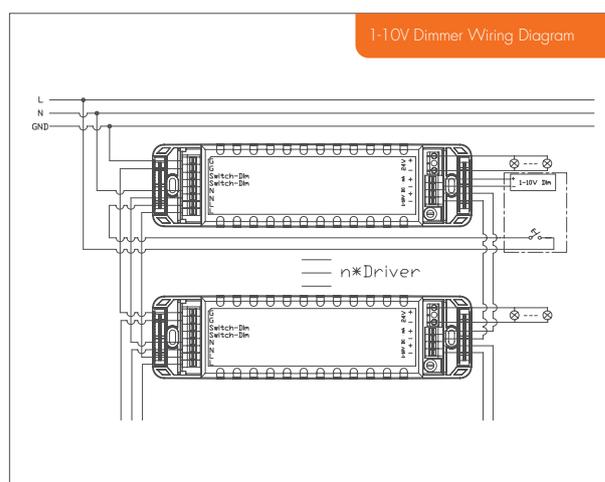
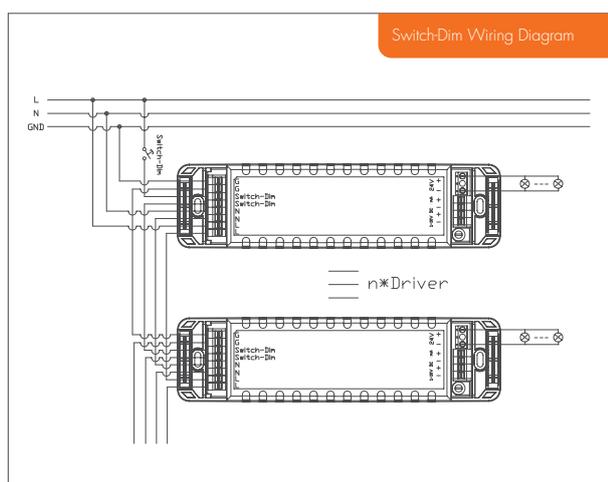
- Press the push button for more than 1 s (long push), then a short push (<1 s). Now the devices are switched off.
- Long push the button, the system is now synchronized.

## Loop-in, loop-out

Thanks to double terminals on the primary side, it is easy to connect many drivers in series, just simply take the L, N, DALI and switch-Dim. from the previous driver to the next driver. Saves a lot of wires and work.

## Permanent memory

This driver has built-in permanent memory against power failure, which means the light always starts up at the previous level when it was switched off last time.



Specification	
Mains voltage	220~240VAC 50/60Hz
Mains current	0.4A
Mains power	85W
Output voltage	24VDC±5% (Max.)
Output current	3.125A (Max.)
Power factor	≥0.97
Operation temperature	Ta: -20°C~+45°C Tc: 85°C
Load	24V LED light
Dimming range	0~100%
Max. Efficiency	90%
Abnormal protection	Output short-circuit protection with auto-reset.
Over-heat protection	Over-heat protection with auto-reset.
EMC standard	EN55015, EN61547
Safety standard	EN61347-1, EN61347-2-13
Certification	Semko, CE, EMC
Dielectric strength	Input→output 3750VAC Input→ground 1750VAC Output→ground 500VAC
IP grade	IP20