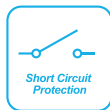


CONSTANT CURRENT

Dimmable LED Driver

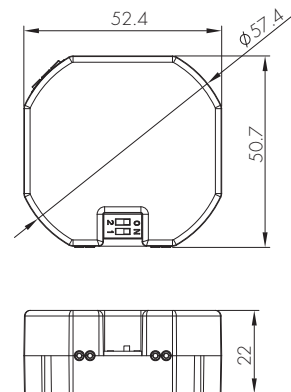
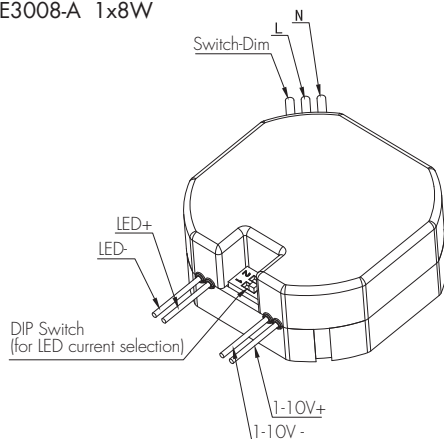
1-10V Dimming & Switch-Dim

Model: HE3008-A HE2025-D HE2030-A
HE2050-A HE2050-A2

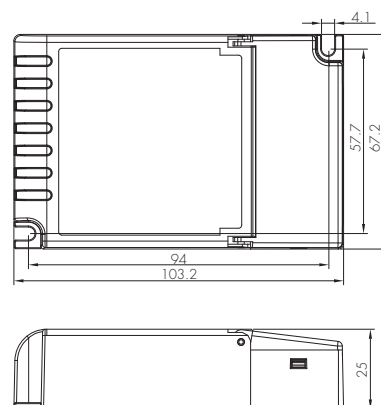
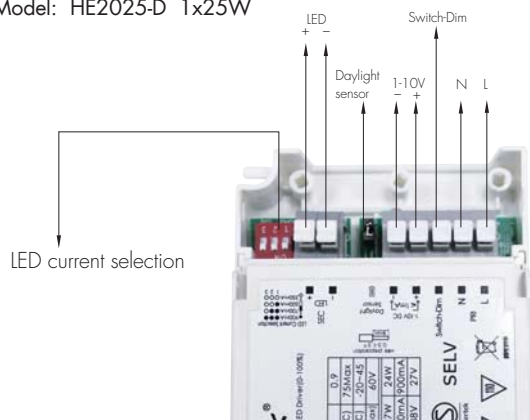


Mechanical Structure

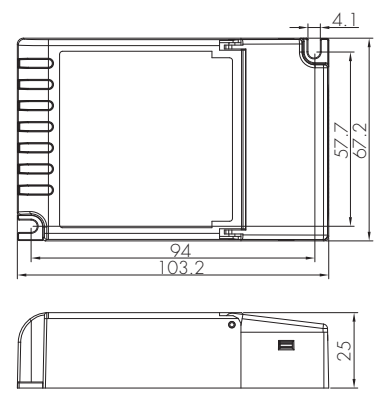
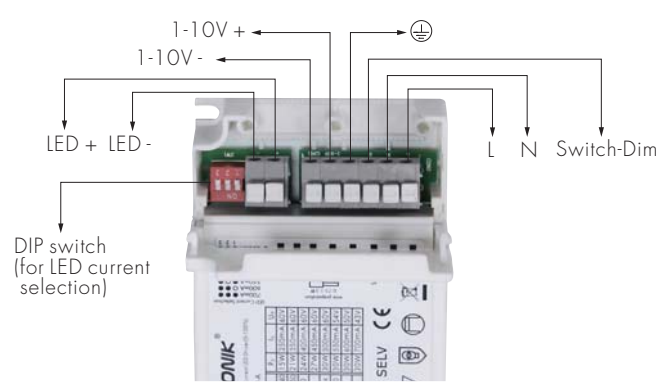
Model: HE3008-A 1x8W



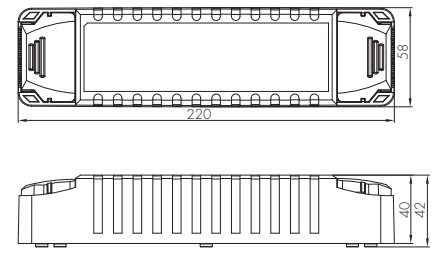
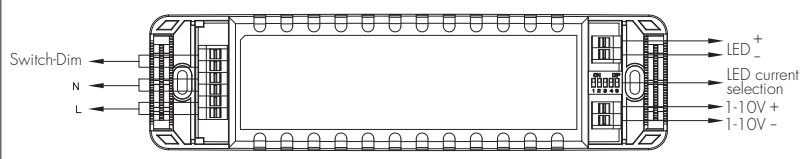
Model: HE2025-D 1x25W



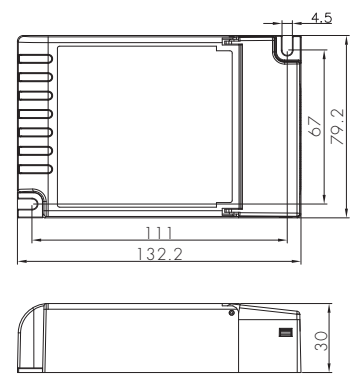
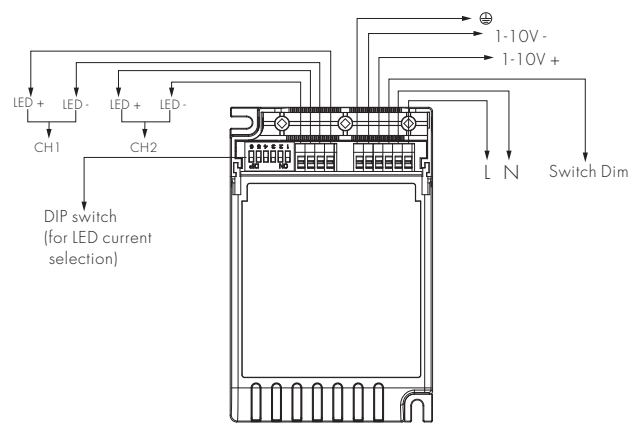
Model: HE2030-A 1x30W



Model: HE2050-A 1x50W



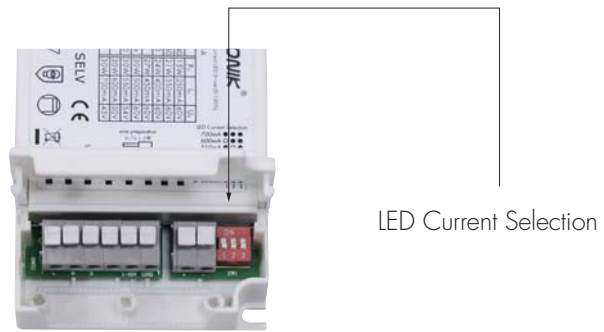
Model: HE2050-A2 2x50W



LED Current Selection

The current can be easily configured by choosing the correct combination of the DIP switches (see table on the right).

- ⚠ Note: 1. Must be connected to earth to achieve the correct function.
2. Please make sure the correct current is selected before starting the driver!



HE3008-A, 1x8W

Current	1	2	
550mA	●	●	I
500mA	●	○	II
350mA	○	○	III



HE2025-D, 1x25W

Current	1	2	3	
900mA	●	●	●	I
700mA	●	●	○	II
500mA	●	○	○	III
350mA	○	○	○	IV



HE2030-A, 1x30W

	1	2	3	Current	
I	●	●	●	700mA	
II	○	●	●	600mA	
III	●	○	●	550mA	
IV	●	●	○	500mA	
V	○	○	●	450mA	
VI	○	●	○	400mA	
VII	●	○	○	350mA	
VIII	○	○	○	250mA	

HE2050-A, 1x50W

Current	1	2	3	4	5	
1050mA	●	●	●	●	●	I
900mA	○	●	●	●	●	II
800mA	○	○	●	●	●	III
700mA	○	○	○	●	●	IV
650mA	○	○	○	○	●	V
600mA	○	○	○	○	○	VI
550mA	○	○	○	○	○	VII
500mA	○	○	○	○	○	VIII
350mA	○	○	○	○	○	IX



HE2050-A2, 2x25W

	1	2	3	Current	
I	●	●	●	700mA	
II	○	●	●	600mA	
III	●	○	●	550mA	
IV	●	●	○	500mA	
V	○	○	●	450mA	
VI	○	●	○	400mA	
VII	●	○	○	350mA	
VIII	○	○	○	250mA	

Switch - Dim



- On/off control: short push (<1s) on the switch.
Note: Short push should be at least 0.12s, and the time interval between two pushes should be longer than 0.12s also.
- Stepless dimming: long push (>1s) 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.

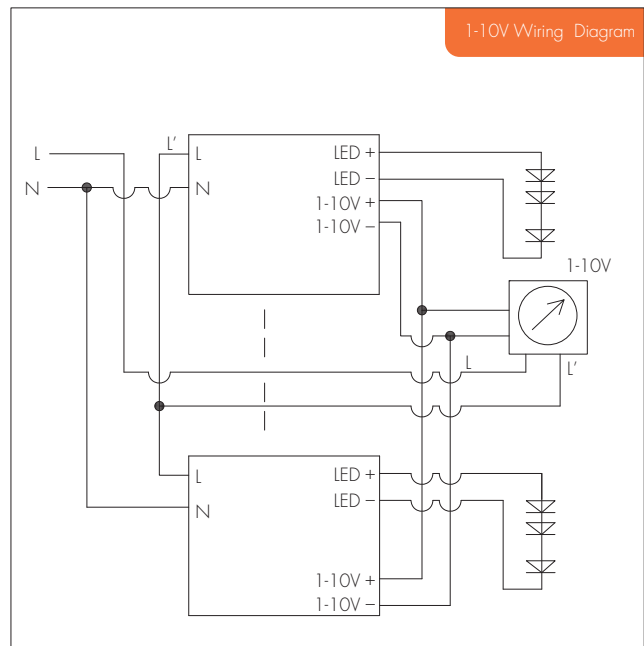
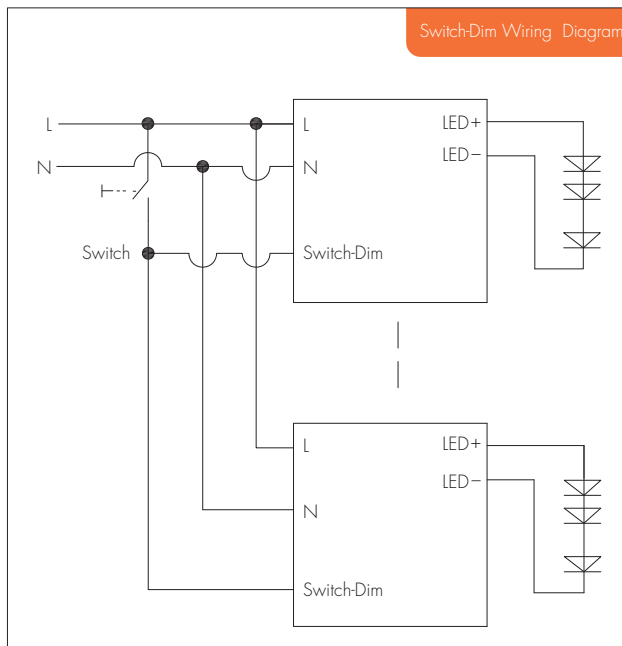
Please follow the steps below to achieve synchronization function if

more than one driver are connected to the same push button:






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

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.



- ⚠ Note: 1. Default setting is "1-10V" dimming. 2. This "1-10V" output is isolated, SELV output.
 3. "Switch-Dim" is prior to "1-10V". To shift dimming from "Switch-Dim" to "1-10V", the end-user should short-circuit "1-10V" first for at least 3s.

Specification					
Model No.	HE3008-A	HE2025-D	HE2030-A	HE2050-A	HE2050-A2
Mains voltage	220~240VAC 50/60Hz	220~240VAC 50/60Hz	220~240VAC 50/60Hz	220~240VAC 50/60Hz	220~240VAC 50/60Hz
Mains current	55mA (Max.)	145mA (Max.)	164mA~150mA	270~242mA (Max.)	260~242mA (Max.)
Max. output power/current/voltage	8.4W/350mA/4~24V 8W/500mA/4~16V 8.25W/550mA/4~15V	15W/350mA/6~42V 20W/500mA/6~40V 27W/700mA/6~38V 24W/900mA/6~27V	15W/250mA/6~60V 21W/350mA/6~60V 24W/400mA/6~60V 27W/450mA/6~60V 30W/500mA/6~60V 29.7W/550mA/6~54V 30W/600mA/6~50V 30W/700mA/6~43V	25W/350mA/15~72V 36W/500mA/15~72V 40W/550mA/15~72V 43W/600mA/15~72V 47W/650mA/15~72V 50W/700mA/15~72V 50W/800mA/20~63V 50W/900mA/20~56V 50W/1050mA/20~48V	15W/250mA/6~60V 21W/350mA/6~60V 24W/400mA/6~60V 25W/450mA/6~55V 25W/500mA/6~50V 25W/550mA/6~45V 25W/600mA/6~42V 25W/700mA/6~36V
Power factor	0.85	0.9	0.9	0.9	0.9
Operation temperature	Ta: -20~+50°C Tc: 80°C	Ta: -20~+45°C Tc: 75°C	Ta: -20~+50°C Tc: 75°C	Ta: -20~+45°C Tc: 75°C	Ta: -20~+45°C Tc: 80°C
Max. Efficiency	85%	85%	85%	85%	87%
Dimming interface	Switch-Dim., 1-10V				
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, CB, CE, EMC, SAA				
Dielectric strength	Input→output: 3750VAC Input→ground: 1800VAC, Ground→1-10V: 1800VAC Input→1-10V: 1800VAC Output→1-10V: 1800VAC all with 5mA/1min				
IP grade	IP20				