














# Belysningspartner

## Drivdon 350mA-1050mA, 50W , 1-10V och switch dim



### Features

-  <0.5W Stand-by Power
  -  Active PFC Design
  -  1-10V
  -   Switch-Dim with Synchronization
  -  Logarithmic Dimming
  -  Analogue Flicker-free Dimming
  -  Configurable Constant Current (CC) Output via Dip-Switch
  -  Thermal Cut-out Protection
  -  Short Circuit Protection
  -  Over-load Protection
  -  Permanent Settings Memory, Protected against Loss of Power
  -  5 Year, 50,000hr Warranty
- } All with Auto-restart

[www.belysningspartner.nu](http://www.belysningspartner.nu)  
[anna-maria@belysningspartner.nu](mailto:anna-maria@belysningspartner.nu)  
0709-121031

# Belysningspartner

Artikel nr:	HY3002
Matar spänning:	220-240VAC 50/60Hz
Ingångs ström:	0,29A-0,27A
Utspänning:	350mA, - 1050mA
Power faktor:	0,9
Ta:	-20~50°C Tc:85°C
Dim funktion:	Switchdim, 1-10V
IP klass:	IP20
EMC standard:	EN55015, EN61547, EN61000-3-2/3
Säkerhets standar	EN61347-1, EN61347-2-13, EN60598-1
Certifikat:	Semko, SAA, CB, CE, EMC

1050mA	● ● ● ● ●	
900mA	● ● ○ ● ●	
800mA	○ ● ○ ● ●	
700mA	○ ○ ○ ● ●	
650mA	○ ○ ● ● ○	
600mA	○ ● ● ○ ○	
550mA	○ ○ ○ ○ ●	● ↓ ⏏ ↓ ○
500mA	○ ○ ○ ● ○	
350mA	○ ○ ○ ○ ○	
	1 2 3 4 5	



OBS! Var noga med att ni ställt in rätt ström innan ni kopplar in drivdonet.

## Switch-Dim

The provided Switch-Dim interface allows a simple dimming method using commercially available non-latching (momentary) wall switches. Up to 50 LED drivers may be connected to one switch.

Switch Action  
 Short press (<1 second)  
 Long press (>1 second)

Response  
 Toggle light on / off  
 Toggle dim light / increase brightness

Synchronization

Switch Action  
 Long press (>15 seconds)

Response  
 All lights will dim down to minimum and then return to 50% brightness

## 1-10V

The 1-10V input is operable via commercially available simple rotary wall switches designed for 1-10V dimming equipment or from dedicated system central dimming controllers. The 1-10V output is fully isolated and is SELV compliant.

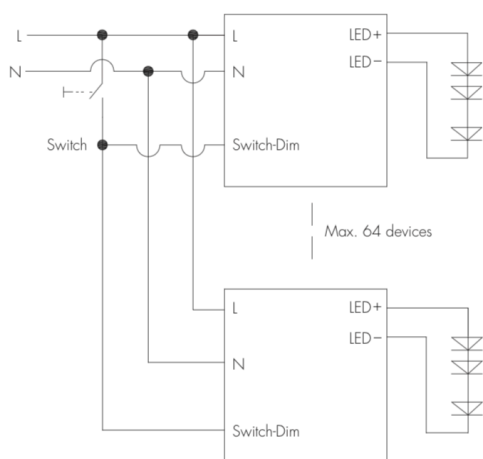
Note: In the unlikely event that the LED driver be used with the Switch-Dim interface prior to using the 1-10V interface, the 1-10V interface may need to be re-set. This is achieved by placing a short circuit across the 1-10V terminals until the light returns to full brightness (approx. 3-5 seconds).

### **Permanent minne:**

**Denna drivrutin har inbyggt permanent minne mot strömavbrott, vilket innebär att ljuset alltid börjar på föregående nivå när den stängdes av förra gången..**

Wiring Diagrams

Switch-Dim Connection



1-10V Connection

