

Nr.:3006.1911.35.0001

# digitalSTROM IC LED-Driver 1.0



IC Industrielle  
Computertechnik GmbH



Konkordiastr. 11  
D-40219 Düsseldorf  
Phone: +49 211 9011680  
Fax: +49 211 396569

[www.isenbuegel.net](http://www.isenbuegel.net)

[info@isenbuegel.net](mailto:info@isenbuegel.net)



We are digitalSTROM Allianz Partner

Artikel Nr.: 3006.1911.35.0001

GTIN: 4260385583505



## Function and purpose:

The "IC LED-Driver 1.0" has been developed for the simple, space-saving and energy-efficient operation of LED Stripes in the dS system. Due to the integrated dS 300 technology, the product has excellent dimming properties for connected single-color LED stripes. Dimming is done by current reduction. Thus, there is no high-frequency flickering, as is usual with pulse width modulation.

The product is delivered as a set incl. 4 meters self-adhesive LED Stripe in the light color approx. 3200 Kelvin. This can be connected to the LED Driver via spring terminals without tools.

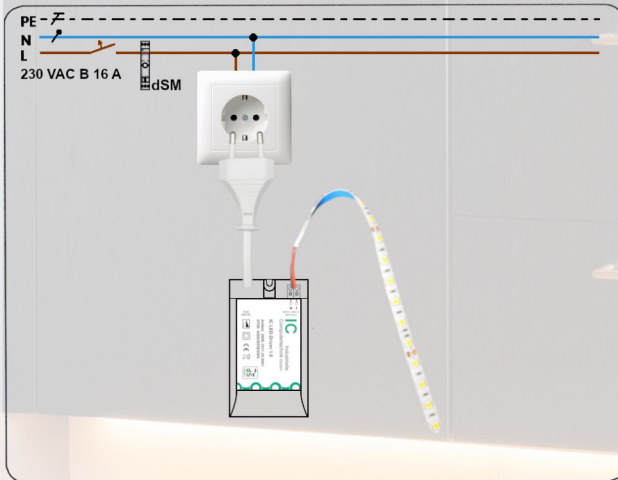
The dS ready product is equipped with a 2-meter Euro cable ready to plug in and can be used immediately according to the plug & play principle. The LED Stripe can be shortened every 10 cm.

The minimum length of the LED Stripe for operation with the LED Driver is > 1 meter.

A supplied cap is provided to cover the connection area.

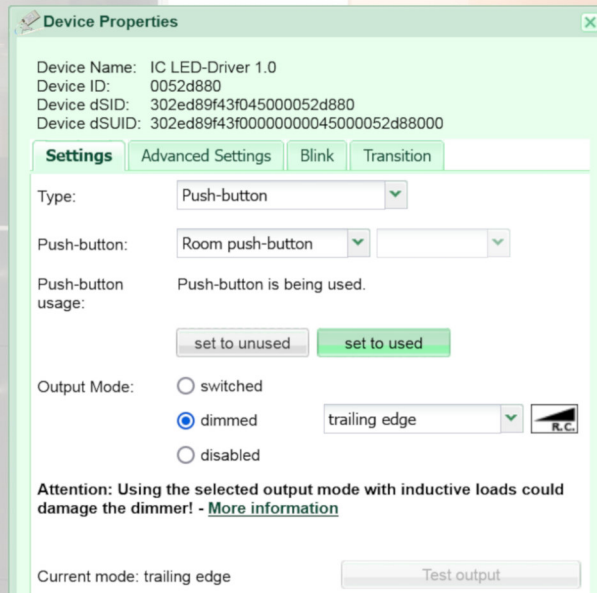
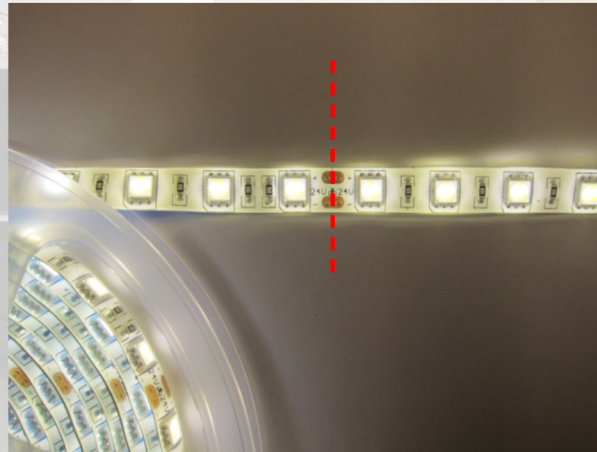
A permanent connection with the self-adhesive LED strip is only given if the surface has been carefully cleaned.

If the technical values of the LED-Driver 1.0 are adhered to, other commercially available 24 volt DC LED stripes can also be used.



## Example:

LED strip can be shortened every 6 LEDs (10 cm) .

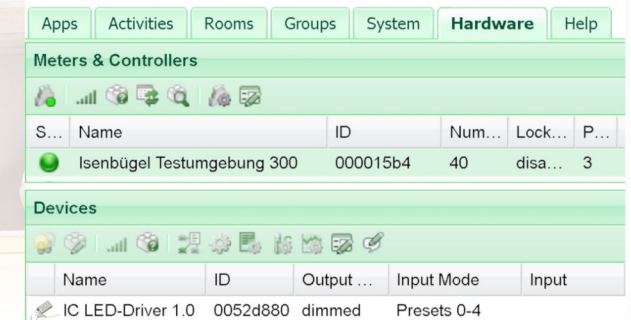


## Power interruption:

The module stores the state of the output as soon as it is unchanged for at least 5 seconds. After a power interruption, the stored state is restored at the output.

digitalSTROM® is a registered trademark of Digitalstrom AG

## View in the digitalSTROM configurator



## Specifications

### Ballast:

Power cord ..... 1.8 meter Euro plug white  
 Maximum rated power output ..... < 20W / 0.68 A  
 Terminals ..... max. 1mm<sup>2</sup>  
 Dimensions L x W x H ..... 93 x 53 x 30 mm  
 Nominal input voltage/ frequency..... 230 V AC/50 Hz  
 Power consumption ..... < 2W  
 Protection class (dry rooms) ..... IP20 EN 60529  
 Allowable ambient temp (operating) ..... -5 °C +40 °C

Permissible ambient humidity (operating)  
 < 80% RH, non-condensing

Data transmission via 230 V AC mains  
 digitalSTROM protocol V1.0

### LED Strip:

Length..... 4 Meters  
 Power supply..... approx. 24 Volt DC  
 Kelvin..... approx. 3200K  
 Lumen..... approx. 1600 LM  
 Shortenable ..... Each 6 LEDs (10CM)  
 Minimum length ..... > 1 Meter

Colour uniformity for different ordering processes cannot be guaranteed.

RoHS

