

Installation Guide

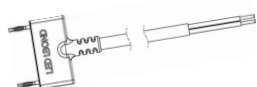
How to install and connect

TRACY® Power Source Units (PSU)

Contents in this Guide:

- Installation
- Connecting

Components



TRACY® Power Cord



TRACY® PSU

Installation

How-to video
installation guides:



[ledibond.com/btb](https://www.ledibond.com/btb)

Mean Well
Installation Manual



https://www.meanwell.com/Upload/PDF/LED_EN.pdf

Vossloh-Schwabe
Installation Manual

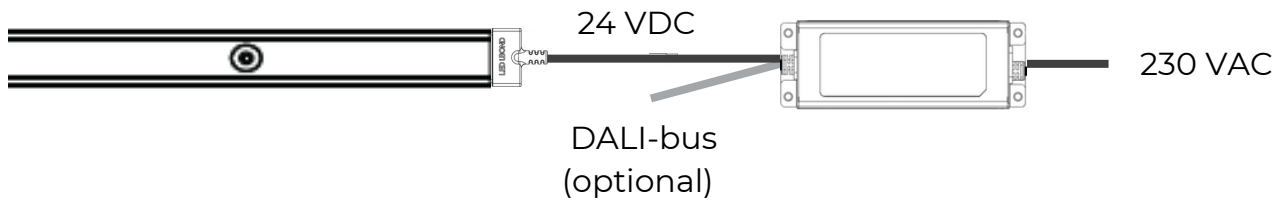


https://www.vossloh-schwabe.com/fileadmin/perflon/files/CC-PrimeLine-DIP-switch-C-R3-loop-DALI2_187217-187218_EN.pdf



Installation Guide

TRACY® Power Source Units (PSU)



Connecting TRACY® light panels to PSU (24 VDC)



Mount the PSU on an even surface in a ventilated place

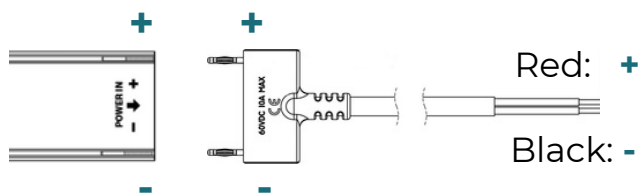
Connect 24 VDC power cord to the PSU



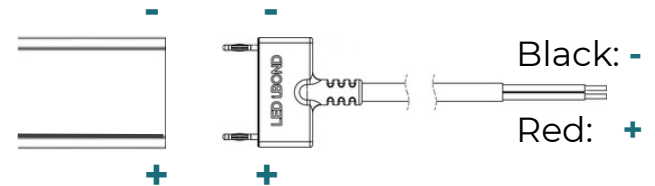
CAUTION:

Be careful to connect power cord correctly: **polarity** is marked on the back side of the TRACY® Light Panels.

Light panel back side View



Light panel front side View



PSU's per 230 VAC circuit breaker

The recommended max. number of the LED PSU's that can be connected to a Circuit Breaker/fuse type is shown as here:

Driver effect/Circuit breaker	B10	B16	C10	C16	D10	D16
75 Watt	4	7	7	11	14	23
100Watt	2	3	4	6	8	12
150 Watt	2	3	3	5	6	11
200 Watt	2	4	4	6	6	10
240 Watt	2	4	4	6	5	8

Source: Mean Well

Installation Guide

TRACY® Power Source Units (PSU)

Connecting PSU's to 230 VAC Power Supply

1. Before commencing any installation or maintenance work, please **disconnect the power supply** from the utility. Ensure that it cannot be re-connected inadvertently!
2. Keep proper ventilation around the unit and do not stack any object on it. Also a 10-15 cm clearance must be kept when the adjacent device is a heat source.
3. Mounting orientations other than standard orientation or operate under high ambient temperature may increase the internal component temperature and will require a de-rating in output current. Please refer to the specification sheet to receive the optimum mounting position and information about the de-rating curve.
4. Current rating of an approved primary /secondary cable should be greater than or equal to that of the unit. Please refer to its specification.



CAUTION:

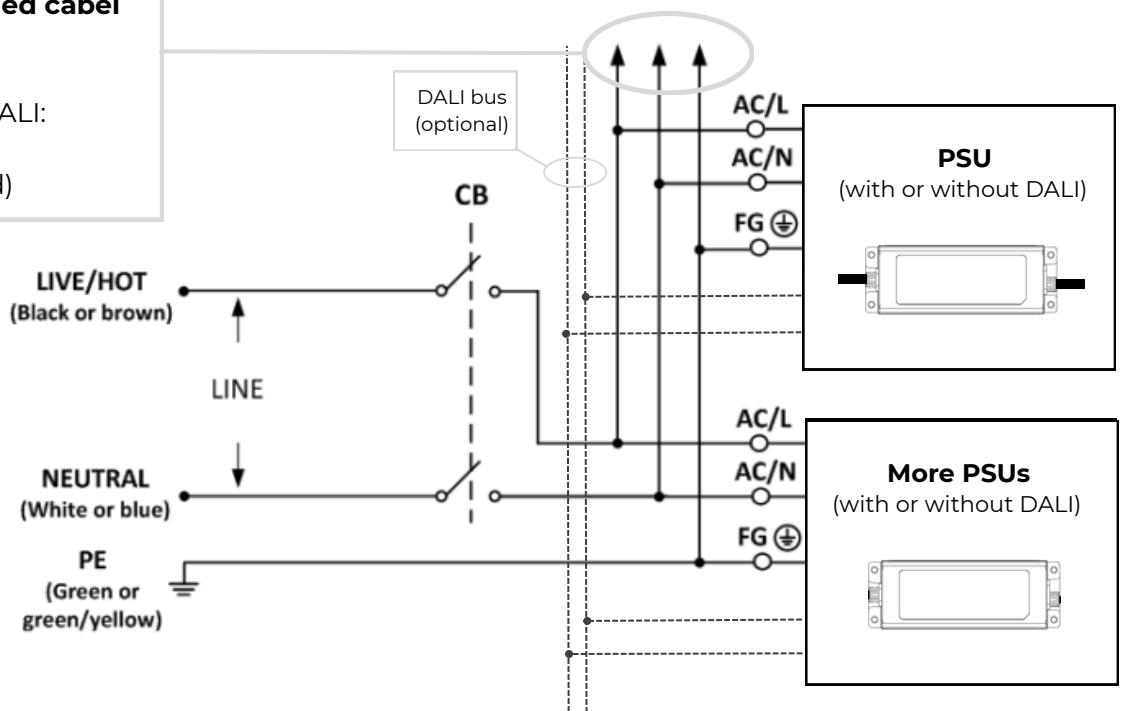
All 230 VAC wiring and connection must be installed by an electrician!

	North America	European Harmonized
Live and ACL	Black	Brown
Neutral and ACN	white	Blue
PE and FG (Class I only)	Green	Green/yellow



Recommended cabel

With DALI:
5 x 1,5 mm²
or with out DALI:
3 x 1,5 mm²
(Not included)



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TRACY® Power Source Units (PSU)

Adjusting PSU output current

(PSU without DALI)

A. Turn down voltage and current (marked Vo ADJ. and Io ADJ) on the back of the PSU all the way down

B. Connect the PSU to the TRACY® light panel row

C. Adjust voltage to reach the desired current specified using a clamp meter
- if desired current level can't be reached: go to D.

D. Adjust the current to the desired level on (Io ADJ)
Total current level is adjusted for **all spots** for all TRACY® panels connected to the PSU.



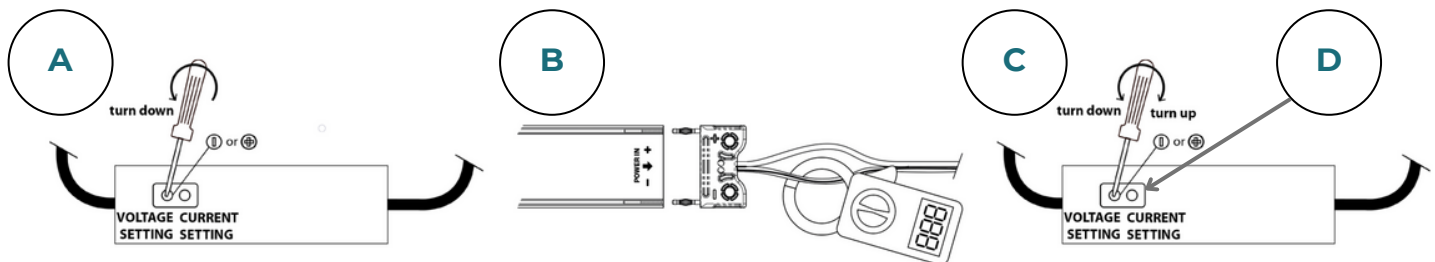
Switch on the power at the circuit breaker.



Guide to current levels:



ledibond.com/btb-currentadjust



Trouble shooting

Trouble Shooting



ledibond.com/btb-troubleshooting

Further trouble shooting for Mean Well PSU's



<https://led.meanwell.com/ga.aspx>

LED iBond A/S

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DK-29709 Hørsholm
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Support

We hope the installation of our TRACY® solution went well.

If you need further support you can contact our customer service team at

sales@ledibond.com or call **+45 7070 7855**

LED iBOND