



**GLASSLINE**

**BALARDO** *light control*  
**BALARDO / BALMERO / CANOPY** *cloud*  
LIGHTING SYSTEM



Dear Sir or Madam,

We are now also offering you brilliant lighting for our transparent glass systems. You can use this for your glass canopy, your glass railings and your French balcony. It allows you to emphasise features at night-time, which your visitors will like. The lighting is controlled by intelligent electronics which you can operate simply using an app on your smartphone. This makes it possible for you to choose the colour and intensity of the light with ease. Discover the

new colour and lighting highlights for your building.

Kind regards,

Thomas Utsch  
Managing Director

ALL-GLASS RAILINGS



ALL-GLASS CANOPY



**BALARDO**  
*light control*



FRENCH BALCONY









## BALARDO *light control*



### A LED strip SMD5050-60-t 6000k

- Light colour: RGBW multi-colour RGB +
- cold white 6000 k
- Dimensions: 5000 x 12 x 2 mm
- IP rating: IP65
- Voltage: 24 VDC
- Beam angle: 120°
- Brightness: 627 lm/m
- Power consumption: 14.4 W/m
- Number of LEDs: 60/metre
- Can be split every 165 mm (every 10 LEDs)
- Energy efficiency class: A
- Packaging: 5 m/roll
- The item is CE and RoHS-certified



### B PowerBox power supply units

|  |                          |                          |                          |
|--|--------------------------|--------------------------|--------------------------|
| ▪ Light length:                        | Up to 5 metres           | Up to 10 metres          | Up to 20 metres          |
| ▪ Item no.:                            | L502408W                 | L502415W                 | L502424W                 |
| ▪ Output voltage:                      | 24 VDC                   | 24 VDC                   | 24 VDC                   |
| ▪ Power:                               | 80 watts                 | 151 watts                | 240 watts                |
| ▪ Approved for contact with furniture: | Yes                      | Yes                      | Yes                      |
| ▪ Voltage supply:                      | 90-290 VAC + 130-400 VDC | 90-290 VAC + 130-400 VDC | 90-290 VAC + 130-400 VDC |
| ▪ Frequency range:                     | 47-63 Hz                 | 47-63 Hz                 | 47-63 Hz                 |
| ▪ IP rating:                           | IP67                     | IP67                     | IP67                     |
| ▪ Dimensions (LxBxH):                  | 196 x 62 x 39 mm         | 222 x 68 x 39 mm         | 244 x 68 x 39 mm         |
| ▪ Weight:                              | 0.84 kg                  | 1.00 kg                  | 1.20 kg                  |
| ▪ Cable length:                        | 1 metre                  | 1 metre                  | 1 metre                  |



### C GLASSLINE box with APP control

#### Connection:

- With GLASSLINE APP (Android/iOS)
- With Bluetooth (password-protected)

#### Control:

- Light on/off
- Continuous dimming
- Set light colour
- Save preferred colour
- Dimensions (L x W x H): 123 x 71 x 30 mm

## Accessories

for LED lighting



**D** 1-metre cable

- Five-pin for RGBW



**E** 5-metre cable

- Five-pin for RGBW



**F** Y-cable

- Five-pin for RGBW



**G** Dual connector

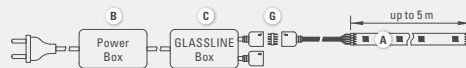
- Five-pin for RGBW

## Structural principle/circuit diagrams

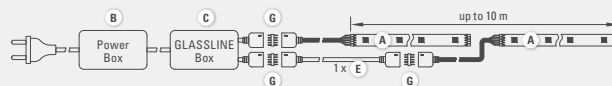


**No need for soldering!**

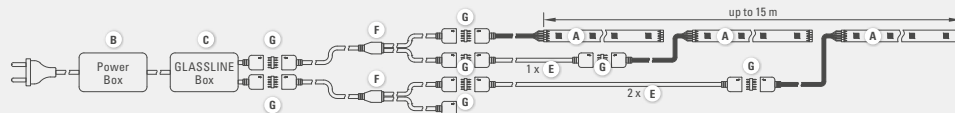
- 1 x **A** LED strip
- 1 x **B** Power Box
- 1 x **C** GLASSLINE Box



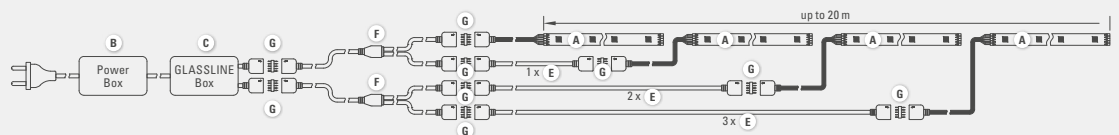
- 2 x **A** LED strip
- 1 x **B** Power Box
- 1 x **C** GLASSLINE Box
- 1 x **E** 5-metre cable



- 3 x **A** LED strip
- 1 x **B** Power Box
- 1 x **C** GLASSLINE Box
- 3 x **E** 5-metre cable
- 2 x **F** Y-cable



- 4 x **A** LED strip
- 1 x **B** Power Box
- 1 x **C** GLASSLINE Box
- 6 x **E** 5-metre cable
- 2 x **F** Y-cable





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**SYSTEM SOLUTIONS FOR DEMANDING  
FRAMELESS GLASS ARCHITECTURE AND SECURE  
FASTENING OF ATTACHMENTS TO ETICS**

GLASSLINE is a leading supplier which develops, manufactures and sells high-quality system solutions in the point support system, all-glass railing system and frameless canopy construction sectors, alongside systems with thermal separation for secure fastening of attachment elements to building envelopes.

