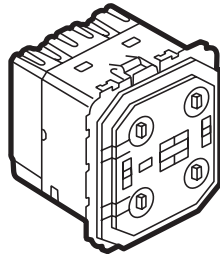


# Eco-dimmer

Catalogue number(s): **0 670 83 - 0 488 69/70/71**  
**0 784 07 - 0 792 07 - 6 651 14 - 5 722 39 - 5 727 39 - 5 743 19/39**



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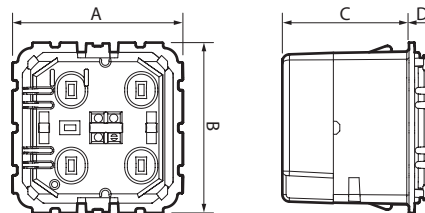
## 1. USE

- Comfort with dimming:  
 ECO 2-wire any bulb eco-dimmer
- Dimmable LED
  - Dimmable compact fluorescent
  - Fluorescent
  - Halogen

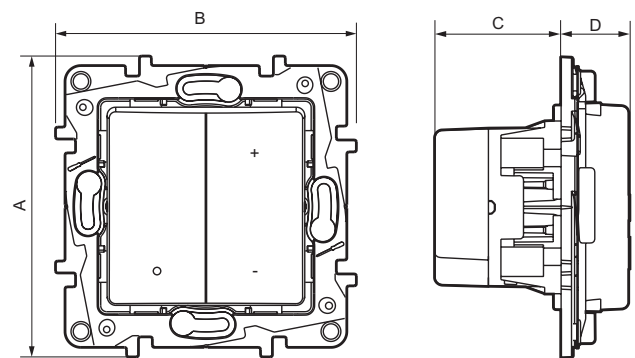
## 2. RANGE

	Description	Catalogue Nos.
	Céliane eco-dimmer	0 670 83
	Complete ready-to-install kit Céliane Titanium eco-dimmer	0 488 69
	Niloé eco-dimmer	6 651 14
	Ready-to-install kit Niloé eco-dimmer	0 488 71
	Mosaic eco-dimmer - White	0 784 07
	Ready-to-install kit Mosaic eco-dimmer - White	0 488 70
	Mosaic eco-dimmer - Aluminium	0 792 07
	Arteor square eco-dimmer - White	5 722 39
	Arteor square eco-dimmer - Aluminium	5 727 39
	Arteor round eco-dimmer - White	5 743 19
	Arteor round eco-dimmer - Aluminium	5 743 39

## 3. DIMENSIONS (mm)



Cat. No.	A	B	C	D
0 670 83	45	45	33.5	7.2
0 784 07 - 0 792 07	45	45	33.5	9.6
5 722 39 - 5 727 39	45	45	33.5	9.6
5 743 19 - 5 743 39				

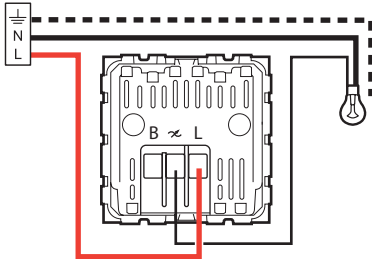


Cat. No.	A	B	C	D
6 651 14	80	80	30	20

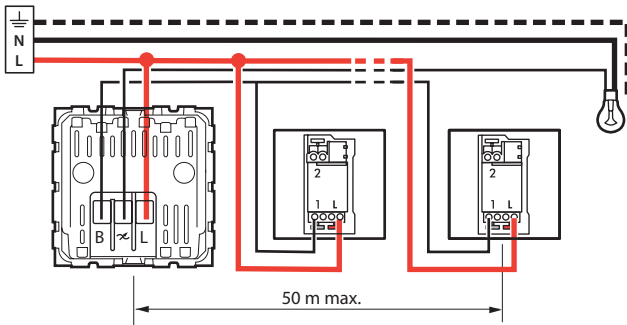
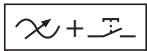
**4. CONNECTION**

Screw terminals  
Terminal capacity: 2 x 2.5 mm<sup>2</sup>  
Stripping length: 8 mm

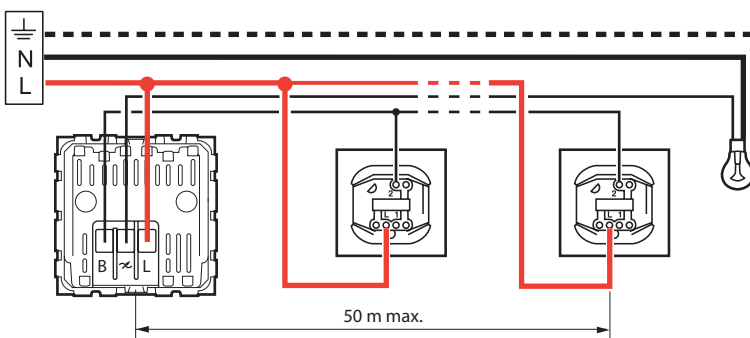
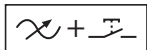
**5. WIRING**



**Wiring with Céliane pushbutton**

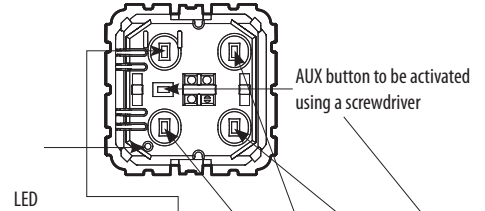


**Wiring with Niloé pushbutton**



**6. OPERATION**

In order to start up the different usage types, unclip the rocker plates and press the buttons shown in the panel for 2 seconds. Video animations available at [www.legrandoc.com](http://www.legrandoc.com)



Usage types	ON	OFF	+	-	AUX
Restore to factory configuration (load recognition, capacitive mode, pushbutton assembly, level memory)	X	X	X	X	
Level memory activation	X	X	X		
Level memory deactivation	X	X		X	
Forced capacitive mode (no load recognition)	X	X		X	X
Forced inductive mode (no load recognition)	X	X	X		X
Children's bedrooms (pre-set levels + night light)	X	X			X
Pre-set levels mode			X	X	X
Dimmer mode		X	X		X

If the device is handled incorrectly: press the ON and OFF buttons only, the dimmer will not work using the pushbutton. You must then press the + and - buttons in order to operate with the pushbutton again.






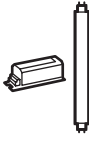










The LED shows the dimmer status after the AUX button has been pressed.

**LED colour code:**

Auto-capacitive	Continuous red → factory configuration
Forced capacitive	Flashing red
Auto-inductive	Continuous green
Forced inductive	Flashing green

## 7. TECHNICAL FEATURES

### ■ 7.1 Table of admissible loads

		R		L		C/L			
									
									
240 V	Max.	400 W	400 W	400 VA	200 VA	400 VA	200 VA	75 VA or 10 lamps max.	75 VA or 10 lamps max.
	Min.	3 W	3 W	3 VA	3 VA	3 VA	3 VA	3 VA	3 VA
100 V	Max.	200 W	200 W	200 VA	100 VA	200 VA	100 VA	37 VA or 10 lamps max.	37 VA or 10 lamps max.
	Min.	3 W	3 W	3 VA	3 VA	3 VA	3 VA	3 VA	3 VA

Do not mix different load types on the same product

### ■ 7.2 Protection class

IP 40: assembled product  
IP 20: without rocker plate  
IK 02

### ■ 7.3 Material characteristics

Case: Polycarbonate  
Rocker plate: ABS or PC  
Halogen-free  
UV resistance  
Self-extinguishing: + 850°C / 30 s for insulating components holding in place live parts.  
+ 650°C / 30 s for the other insulating components.

### ■ 7.4 Electrical characteristics

Voltage: 100 to 240 Vac  
Frequency: 50-60 Hz  
Consumption on standby: 0.1 W

### ■ 7.5 Climatic characteristics

Storage temperature: -10°C to +70°C  
Usage temperature: 0°C to +35°C

## 8. MAINTENANCE

Clean the surface with a cloth.  
Do not use: acetone, tar-removing cleaning agents or trichloroethylene.

**Caution:** Always test before using other special cleaning products.

## 9. STANDARDS AND APPROVALS

Compliant with installation and manufacturing standards.  
See e-catalogue.