

# VARIOLINE LAMP WITH SOCKET

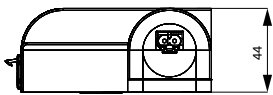
## LED 121/122

LED 121  
On/off switch and  
screw fixing

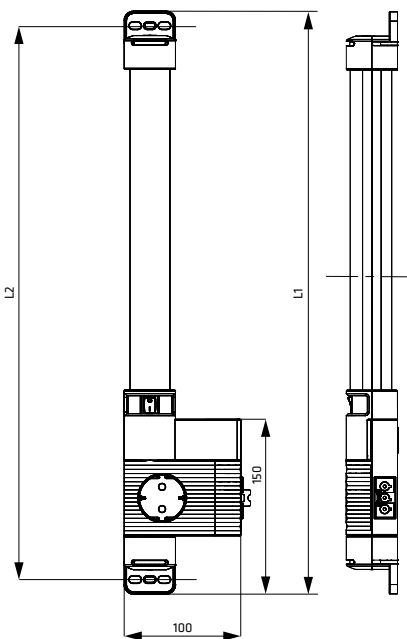
LED 122  
Movement sensor and  
magnet fixing



LED 121/122  
magnet/screw  
fixing



LED 121/122  
side view



LED 121 (Size 1)  
L1 = 500 mm  
L2 = 475 mm

LED 122 (Size 2)  
L1 = 700 mm  
L2 = 675 mm

- > High luminous flux
- > Integrated socket
- > Durable and maintenance free LED technology

- > Integrated power unit
- > Daisy chain
- > On/off switch, movement sensor or connection for external door switch

The LED 121/122 Varioline is a powerful and compact LED lamp with integrated socket for use in enclosures. Featuring socket standards of many European countries as well as the US and Australia, it allows for the power connection of laptops and diagnostic devices. Its LED tube emits more than 1,000/1,700 Lm thereby illuminating even very large enclosures in their full depth and height. The glare-free, 120° rotatable light tube uses Mid-power LEDs with a service life of 60,000 h.



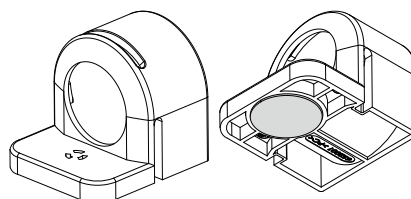
### TECHNICAL DATA

Power consumption	max. 11 W/16 W
Operating voltage	AC 220 - 240 V, 50/60 Hz (min. AC 200 V, max. AC 265 V) AC 120 V, 50/60 Hz (min. AC 110 V, max. AC 130 V)
Luminous flux	1,080 Lm/1,730 Lm
Lamp type	LED, angle of radiation 120° light color: daylight, color temperature: 6,500 K
Service life	60,000 h at +20 °C (+68 °F)
Connection	3-pole connector with snap lock AC: max. 2.5 A / AC 240 V, color: white
Mounting	magnet fixing or screw fixing (M5), torque 2 Nm max.
Casing	plastic, translucent
Dimensions	see drawings
Weight	approx. 0.3 kg/0.4 kg
Operating/Storage temperature	-30 to +40 °C (-22 to +104 °F) / -40 to +85 °C (-40 to +185 °F)
Operation/Storage humidity	max. 90 % RH (non-condensing)
Protection type/Protection class	IP20 / I (earthed)

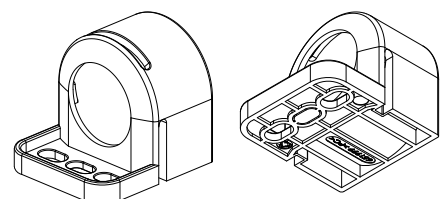
**Mounting options:** The lamps are available with magnet fixing for easy positioning in any steel cabinet or enclosure. A classic is the LED 121/122 with screw fixing. With a total rotation angle of 120° it provides perfect illumination.

**Note:** The lamp must not be used for household lighting.

View of magnet fixing



View of screw fixing



VARIOLINE LED 121/122 ON/OFF SWITCH

Size 1: L1 = 500 mm		Size 2: L1 = 700 mm		Operating voltage	Socket	Nominal current of socket	Approvals	
Art. No. Magnet fixing	Art. No. Screw fixing	Art. No. Magnet fixing	Art. No. Screw fixing					
12100.0-30	12100.0-00	12200.0-30	12200.0-00	AC 220 – 240 V, 50/60 Hz	Germany/Russia (1)	16.0 A	VDE submitted	-
12101.0-30	12101.0-00	12201.0-30	12201.0-00	AC 220 – 240 V, 50/60 Hz	FR/PL/CZ/SK (2)	16.0 A	VDE submitted	-
12102.0-30	12102.0-00	12202.0-30	12202.0-00	AC 220 – 240 V, 50/60 Hz	Switzerland (3)	10.0 A	-	-
12103.0-30	12103.0-00	12203.0-30	12203.0-00	AC 220 – 240 V, 50/60 Hz	UK/Ireland (4)	13.0 A	VDE submitted	-
12104.0-30	12104.0-00	12204.0-30	12204.0-00	AC 120 V, 50/60 Hz	USA/Canada (5)	15.0 A	-	UL submitted
12105.0-30	12105.0-00	12205.0-30	12205.0-00	AC 220 – 240 V, 50/60 Hz	Italy (6)	16.0 A	VDE submitted	-
12107.0-30	12107.0-00	12207.0-30	12207.0-00	AC 220 – 240 V, 50/60 Hz	Australia (7)	10.0 A	VDE submitted	-

VARIOLINE LED 121/122 PIR MOVEMENT SENSOR<sup>1</sup>

Size 1: L1 = 500 mm		Size 2: L1 = 700 mm		Operating voltage	Socket	Nominal current of socket	Approvals	
Art. No. Magnet fixing	Art. No. Screw fixing	Art. No. Magnet fixing	Art. No. Screw fixing					
12110.0-30	12110.0-00	12210.0-30	12210.0-00	AC 220 – 240 V, 50/60 Hz	Germany/Russia (1)	16.0 A	VDE submitted	-
12111.0-30	12111.0-00	12211.0-30	12211.0-00	AC 220 – 240 V, 50/60 Hz	FR/PL/CZ/SK (2)	16.0 A	VDE submitted	-
12112.0-30	12112.0-00	12212.0-30	12212.0-00	AC 220 – 240 V, 50/60 Hz	Switzerland (3)	10.0 A	-	-
12113.0-30	12113.0-00	12213.0-30	12213.0-00	AC 220 – 240 V, 50/60 Hz	UK/Ireland (4)	13.0 A	VDE submitted	-
12114.0-30	12114.0-00	12214.0-30	12214.0-00	AC 120 V, 50/60 Hz	USA/Canada (5)	15.0 A	-	UL submitted
12115.0-30	12115.0-00	12215.0-30	12215.0-00	AC 220 – 240 V, 50/60 Hz	Italy (6)	16.0 A	VDE submitted	-
12117.0-30	12117.0-00	12217.0-30	12217.0-00	AC 220 – 240 V, 50/60 Hz	Australia (7)	10.0 A	VDE submitted	-

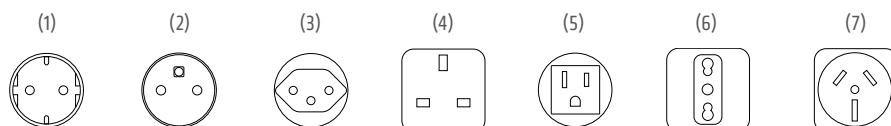
<sup>1</sup> approx. 5 min fixed switch-on duration

VARIOLINE LED 121/122 WITH CONNECTION FOR EXTERNAL DOOR SWITCH

Size 1: L1 = 500 mm		Size 2: L1 = 700 mm		Operating voltage	Socket	Nominal current of socket	Approvals	
Art. No. Magnet fixing	Art. No. Screw fixing	Art. No. Magnet fixing	Art. No. Screw fixing					
12120.0-30	12120.0-00	12220.0-30	12220.0-00	AC 220 – 240 V, 50/60 Hz	Germany/Russia (1)	16.0 A	VDE submitted	-
12121.0-30	12121.0-00	12221.0-30	12221.0-00	AC 220 – 240 V, 50/60 Hz	FR/PL/CZ/SK (2)	16.0 A	VDE submitted	-
12122.0-30	12122.0-00	12222.0-30	12222.0-00	AC 220 – 240 V, 50/60 Hz	Switzerland (3)	10.0 A	-	-
12123.0-30	12123.0-00	12223.0-30	12223.0-00	AC 220 – 240 V, 50/60 Hz	UK/Ireland (4)	13.0 A	VDE submitted	-
12124.0-30	12124.0-00	12224.0-30	12224.0-00	AC 120 V, 50/60 Hz	USA/Canada (5)	15.0 A	-	UL submitted
12125.0-30	12125.0-00	12225.0-30	12225.0-00	AC 220 – 240 V, 50/60 Hz	Italy (6)	16.0 A	VDE submitted	-
12127.0-30	12127.0-00	12227.0-30	12227.0-00	AC 220 – 240 V, 50/60 Hz	Australia (7)	10.0 A	VDE submitted	-

VARIOLINE LED 121/122 WITHOUT SWITCHING OPTION

Size 1: L1 = 500 mm		Size 2: L1 = 700 mm		Operating voltage	Socket	Nominal current of socket	Approvals	
Art. No. Magnet fixing	Art. No. Screw fixing	Art. No. Magnet fixing	Art. No. Screw fixing					
12130.0-30	12130.0-00	12230.0-30	12230.0-00	AC 220 – 240 V, 50/60 Hz	Germany/Russia (1)	16.0 A	VDE submitted	-
12131.0-30	12131.0-00	12231.0-30	12231.0-00	AC 220 – 240 V, 50/60 Hz	FR/PL/CZ/SK (2)	16.0 A	VDE submitted	-
12132.0-30	12132.0-00	12232.0-30	12232.0-00	AC 220 – 240 V, 50/60 Hz	Switzerland (3)	10.0 A	-	-
12133.0-30	12133.0-00	12233.0-30	12233.0-00	AC 220 – 240 V, 50/60 Hz	UK/Ireland (4)	13.0 A	VDE submitted	-
12134.0-30	12134.0-00	12234.0-30	12234.0-00	AC 120 V, 50/60 Hz	USA/Canada (5)	15.0 A	-	UL submitted
12135.0-30	12135.0-00	12235.0-30	12235.0-00	AC 220 – 240 V, 50/60 Hz	Italy (6)	16.0 A	VDE submitted	-
12137.0-30	12137.0-00	12237.0-30	12237.0-00	AC 220 – 240 V, 50/60 Hz	Australia (7)	10.0 A	VDE submitted	-



### ACCESSORIES LED 121/122

Connectors and cables for electrical connection are not included in the delivery of the LED 121/122. These parts can be ordered separately. Sets, consisting of lamp and accessories, are available on request. Likewise, custom cables are available on request.

### LAMP-SET WITH FEMALE CONNECTOR

▶ Varioline LED enclosure lamps are also available as a set including the connector Art. No. 264091. Simply add -0003 to the article number of the required lamp. For example: 12100.0-30-0003

### FEMALE / MALE CONNECTORS



Art. No.	Model	Voltage type	Color	Use for	Wire cross-section <sup>3</sup>	Approvals
264058	male connector	AC	white	power output	0,5-2,5 mm <sup>2</sup> (AWG 14-20)	VDE + UL
264057	female connector	AC	white	power input	0,5-2,5 mm <sup>2</sup> (AWG 14-20)	VDE + UL
264090	male connector	AC	grey	door switch	0,5-2,5 mm <sup>2</sup> (AWG 14-20)	VDE + UL
264091	female connector	AC	white	power input	0,75-2,5 mm <sup>2</sup> (AWG 18-20)	VDE + UL

<sup>3</sup> applies to rigid and stranded wire. Wire end ferrules must be used when connecting with stranded wires

### CONNECTION CABLE WITH FEMALE CONNECTOR AND OPEN END



Art. No.	Model	Length	Color	Use for	Approvals <sup>2</sup>
244422	connection cable 3 x 1.5 mm <sup>2</sup> with female connector	4.0 m	connector: white; cable: white	power input	VDE
244423	connection cable 3 x AWG 14 with female connector	4.0 m	connector: white; cable: white	power input	UL

<sup>2</sup> applies only to the individual components (cable and connectors)

### EXTENSION CABLE WITH 2 CONNECTORS FOR DAISY CHAIN CONNECTION



Art. No.	Model	Length	Color	Use for	Approvals <sup>2</sup>
244358	extension cable 2 x 1.5 mm <sup>2</sup> with 2 connectors	1.0 m	connectors: white; cable: white	daisy chain	VDE
244359	extension cable 2 x AWG 16 with 2 connectors	1.0 m	connectors: white; cable: white	daisy chain	VDE + UL

<sup>2</sup> applies only to the individual components (cable and connectors)

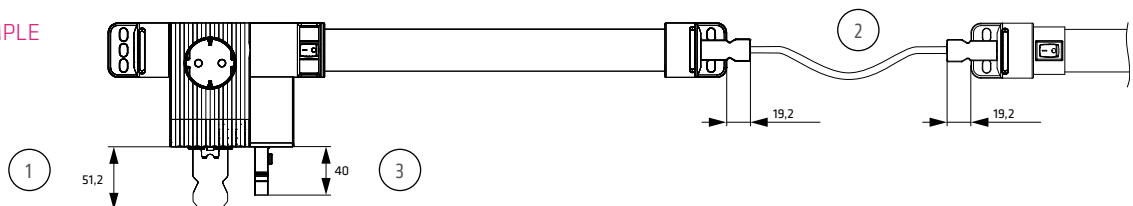
### CONNECTION CABLE WITH MALE CONNECTOR AND OPEN END



Art. No.	Model	Length	Color	Use for	Approvals <sup>2</sup>
244424	connection cable 2 x 1.5 mm <sup>2</sup> with male connector	0.6 m	male connector: grey; cable: white	power output	VDE
244425	connection cable 2 x AWG 16 with male connector	0.6 m	male connector: grey; cable: white	power output	VDE + UL

<sup>2</sup> applies only to the individual components (cable and connectors)

### CONNECTION EXAMPLE



The lamps are conveniently connected via connection plugs - up to 8 lamps max. can be daisy-chained this way. Female/male connectors are also available to assemble cables in non-standard lengths.