

# VARIOLINE LAMP WITH SOCKET

## LED 121/122



- > 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.

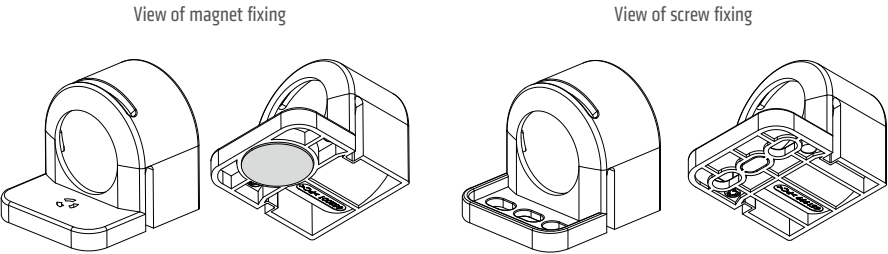
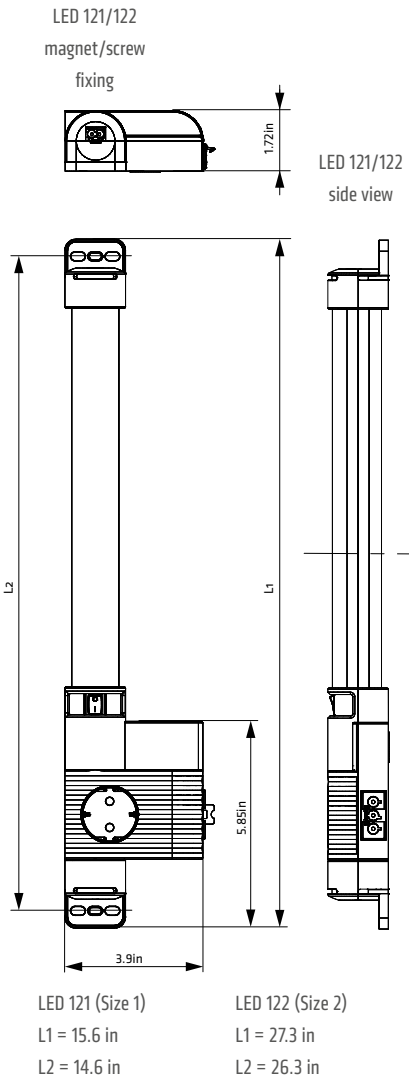


### TECHNICAL DATA

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



### 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	-
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	-
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	-
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
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	-
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	-

### 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	-
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	-
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	-
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
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	-
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	-

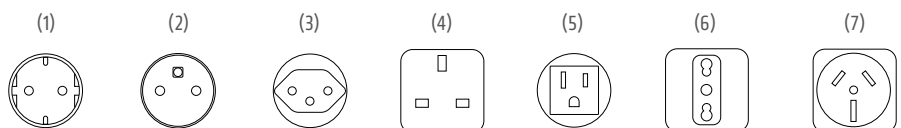
<sup>1</sup> approx. 5 min fixed switch-on duration

### 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	-
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	-
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	-
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
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	-
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	-

### 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	-
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	-
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	-
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
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	-
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	-



## 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. 264093. Simply add -0003 to the article number of the required lamp. For example: 12100.0-30-0003. Sets for lamps with external door switch contain in addition the male connector 264090.

### FEMALE / MALE CONNECTORS



Photo: Female connector, Art. No. 264093



Photo: Female connector, Art. No. 264091



Photo: Male connector, Art. No. 264090

Art. No.	Model	Voltage type	Color	Use for	Wire cross-section <sup>1</sup>	Approvals
264093	female connector	AC	white	power input and daisy chain	0,75-2,5 mm <sup>2</sup> (AWG 14-18)	VDE + UL
264091	female connector	AC	white	power input	0,75-2,5 mm <sup>2</sup> (AWG 14-18)	VDE + UL
264090	male connector	AC	grey	door switch	0,5-2,5 mm <sup>2</sup> (AWG 14-20)	VDE + UL

<sup>1</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



Photo: Connection cable, Art. No. 244422

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 16 with female connector	4.0 m	connector: white; cable: white	power input	VDE + UL

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

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



Photo: Extension cable, Art. No. 244358

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

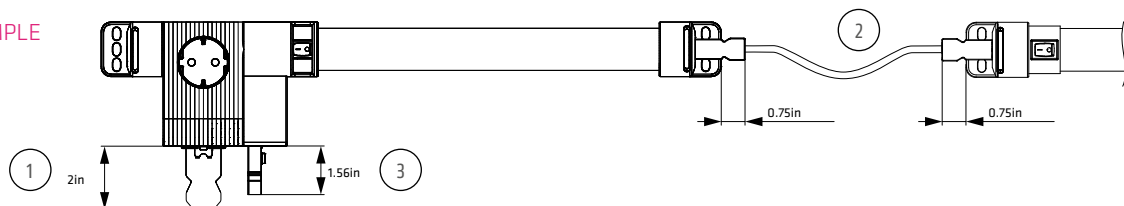


Photo: Connection cable, Art. No. 244424

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.