

VARIOLINE LIGHT WITH RECEPTACLE

LED 121/122

LED 121
On/off switch and
screw mount

LED 122
Motion sensor and
magnet mount



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

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

The LED 121/122 Varioline is a powerful and compact LED light with integrated receptacle 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.



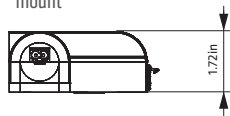
TECHNICAL DATA

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 +68 °F (+20 °C)
Connection	3-pole connector with snap lock AC: max. 16 A / AC 240 V, color: white
Mounting	magnets or M5 screws (not included), torque 2 Nm max.
Casing	plastic, translucent
Dimensions	see drawings
Weight	approx. 10.6 oz./14.1 oz. (300 g/400 g)
Operating/Storage temperature	-22 to +104 °F (-30 to +40 °C) / -40 to +185 °F (-40 to +85 °C)
Operation/Storage humidity	max. 90 % RH (non-condensing)
Protection type/Protection class	IP20 / I (earthed)

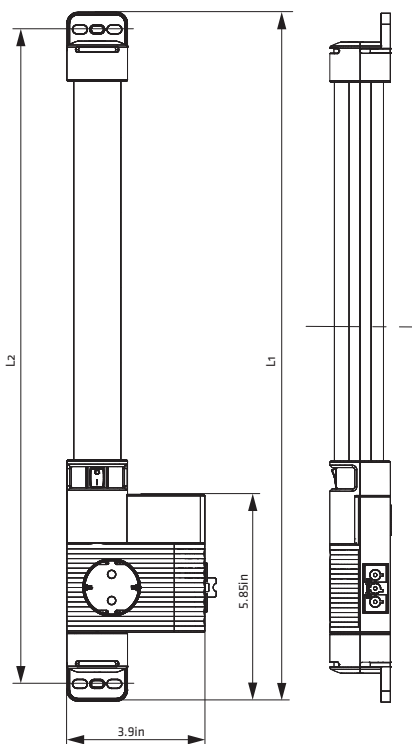
Mounting options: The lights are available with magnet mount for easy positioning in any steel cabinet or enclosure. A classic is the LED 121/122 with M5 screws (not included). With a total rotation angle of 120° it provides perfect illumination.

Note: The light must not be used for household lighting.

LED 121/122
magnet/screw
mount



LED 121/122
side view

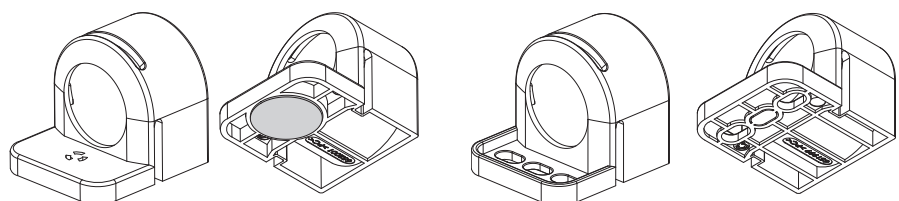


Size 1: LED 121
L1 = 19.7" (500 mm)
L2 = 18.7" (475 mm)

Size 2: LED 122
L1 = 27.6" (700 mm)
L2 = 26.6" (675 mm)

Magnet mount view

Screw mount view



VARIOLINE LED 121/122 ON/OFF SWITCH

Size 1: L1 = 19.7" (500 mm)		Size 2: L1 = 27.6" (700 mm)		Operating voltage	Socket	Nominal current of Socket	Approvals		
Part No. Magnet mount	Part No. Screw mount	Part No. Magnet mount	Part No. Screw mount						
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	EAC
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	EAC
12102.0-30	12102.0-00	12202.0-30	12202.0-00	AC 220 – 240 V, 50/60 Hz	Switzerland (3)	10.0 A	–	–	EAC
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	EAC
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 File No. E234324	–	EAC
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	EAC
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	EAC

VARIOLINE LED 121/122 PIR MOTION SENSOR¹

Size 1: L1 = 19.7" (500 mm)		Size 2: L1 = 27.6" (700 mm)		Operating voltage	Socket	Nominal current of Socket	Approvals		
Part No. Magnet mount	Part No. Screw mount	Part No. Magnet mount	Part No. Screw mount						
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	EAC
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	EAC
12112.0-30	12112.0-00	12212.0-30	12212.0-00	AC 220 – 240 V, 50/60 Hz	Switzerland (3)	10.0 A	–	–	EAC
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	EAC
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 File No. E234324	–	EAC
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	EAC
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	EAC

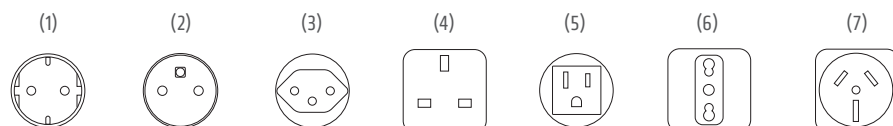
¹ approx. 5 min fixed switch-on duration

VARIOLINE LED 121/122 WITH CONNECTION FOR EXTERNAL DOOR SWITCH

Size 1: L1 = 19.7" (500 mm)		Size 2: L1 = 27.6" (700 mm)		Operating voltage	Socket	Nominal current of Socket	Approvals		
Part No. Magnet mount	Part No. Screw mount	Part No. Magnet mount	Part No. Screw mount						
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	EAC
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	EAC
12122.0-30	12122.0-00	12222.0-30	12222.0-00	AC 220 – 240 V, 50/60 Hz	Switzerland (3)	10.0 A	–	–	EAC
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	EAC
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 File No. E234324	–	EAC
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	EAC
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	EAC

VARIOLINE LED 121/122 WITHOUT SWITCHING OPTION

Size 1: L1 = 19.7" (500 mm)		Size 2: L1 = 27.6" (700 mm)		Operating voltage	Socket	Nominal current of socket	Approvals		
Part No. Magnet mount	Part No. Screw mount	Part No. Magnet mount	Part No. Screw mount						
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	EAC
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	EAC
12132.0-30	12132.0-00	12232.0-30	12232.0-00	AC 220 – 240 V, 50/60 Hz	Switzerland (3)	10.0 A	–	–	EAC
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	EAC
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 File No. E234324	–	EAC
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	EAC
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	EAC



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.

SET WITH FEMALE CONNECTOR

▶ Varioline LED enclosure lights are also available as a set including the connector Part No. 264093. Simply add **-0003** to the part number of the required light. For example: 12100.0-30-0003. Sets for lights with external door switch contain in addition the male connector 264090.

FEMALE / MALE CONNECTORS



Photo: Female connector, Part No. 264093



Photo: Female connector, Part No. 264091



Photo: Male connector, Part No. 264090

Part No.	Model	Voltage type	Color	Use for	Wire cross-section ¹	Approvals
264093	female connector	AC	white	power input and daisy chain	AWG 14-18 (0.75-2.5 mm ²)	VDE + UL
264091	female connector	AC	white	power input	AWG 14-18 (0.75-2.5 mm ²)	VDE + UL
264090	male connector	AC	grey	door switch	AWG 14-20 (0.5-2.5 mm ²)	VDE + UL

¹ 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

1



Photo: Connection cable, Part No. 244422

Part No.	Model	Length	Color	Use for	Approvals ²
244422	connection cable 3 x 1.5 mm ² with female connector	13.12 ft (4.0 m)	connector: white; cable: white	power input	VDE
244423	connection cable 3 x AWG 16 with female connector	13.12 ft (4.0 m)	connector: white; cable: white	power input	VDE + UL

² applies only to the individual components (cable and connectors)

EXTENSION CABLE WITH 2 CONNECTORS FOR DAISY CHAIN CONNECTION

2



Photo: Extension cable, Part No. 244358

Part No.	Model	Length	Color	Use for	Approvals ²
244358	extension cable 2 x 1.5 mm ² with 2 connectors	3.28 ft (1.0 m)	connectors: white; cable: white	daisy chain	VDE
244359	extension cable 2 x AWG 16 with 2 connectors	3.28 ft (1.0 m)	connectors: white; cable: white	daisy chain	VDE + UL

² applies only to the individual components (cable and connectors)

CONNECTION CABLE WITH MALE CONNECTOR AND OPEN END

3

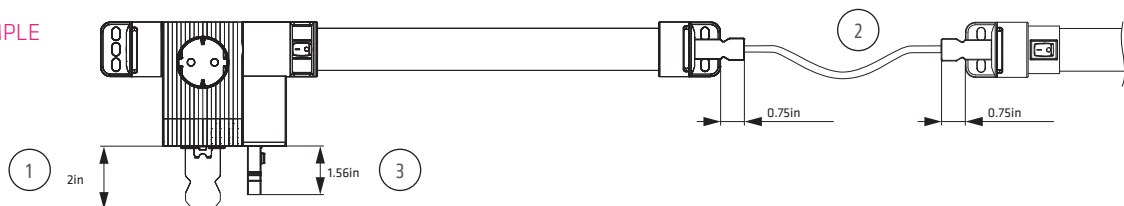


Photo: Connection cable, Part No. 244424

Part No.	Model	Length	Color	Use for	Approvals ²
244424	connection cable 2 x 1.5 mm ² with male connector	1.97 ft (0.6 m)	male connector: grey; cable: white	power output	VDE
244425	connection cable 2 x AWG 16 with male connector	1.97 ft (0.6 m)	male connector: grey; cable: white	power output	VDE + UL

² applies only to the individual components (cable and connectors)

CONNECTION EXAMPLE



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