

# Systemleuchte SL12LED ECO für Arbeitsplätze bis 1000 x 600 mm - Bosch Rexroth 3842559394

**Item no.** BRR-3842559394 **Manufacturer** Bosch Rexroth

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The SL 12 LED Economic delivers 700 lx of glare-free light at 5000 K to workstations up to 1000 x 600 mm, with a luminous efficiency of approx. 140 lm/W at just 11.5 W. Its 50,000-hour service life and tool-free mounting in the 10 mm profile slot make it a low-maintenance lighting solution for assembly and inspection benches. Fastening hardware and a short GST connection cable are included.

## TECHNICAL DATA

Article authenticity	<b>Original product</b>
Condition of article	<b>New</b>
Country of Manufacture	<b>Hungary</b>
Weight	<b>2 kg</b>
Zolltarifnummer	<b>94054239</b>



## STANDARDS & COMPLIANCE

IEC 60529

## DESCRIPTION

The Bosch Rexroth SL 12 LED Economic is a compact, energy-efficient workplace lamp designed for workstations up to 1000 x 600 mm. At a measuring distance of 1.25 m between the work surface and the lamp, it achieves 700 lx - sufficient for detailed assembly, testing, and inspection tasks. The matte wide optic with a 60° beam angle distributes light evenly across the work area without glare.

- **High luminous efficiency:** approx. 140 lm/W at 11.5 ± 0.5 W - low running costs over the full service life.
- **Long service life:** 50,000 h rated lifetime reduces maintenance stops and replacement costs.
- **Wide input voltage range:** 120-240 V / 50 Hz; 60 Hz - suitable for global deployment including North American installations (UL, CSA conformity).
- **Simple profile integration:** Mounts directly in the 10 mm slot or on the underside of Rexroth

profile rails; fastening hardware included.

- **Flexible power distribution:** Connect via mains cable or connecting cable (required accessory); H-distributor POWER (230 V) or T-plug recommended for daisy-chaining multiple lamps.

## Technical data

Parameter	Value
Illuminance	700 lx
Colour temperature	5000 K
Luminous efficiency	approx. 140 lm/W
Energy efficiency (power consumption)	11.5 ± 0.5 W
Beam angle	60°
Service life	50,000 h
Voltage / frequency combination	120-240 V / 50 Hz; 60 Hz
Protection class	IP20 (DIN EN IEC 60529)
Conformity	UL, CSA
Housing	Sheet steel, painted
Mounting	10 mm slot or underside of profile rail
Scope of delivery	Fastening kit (10 mm slot), 16 cm flexible connection cable with GST plug
Required accessories	Mains cable or connecting cable
Recommended accessories	H-distributor POWER (230 V) or T-plug
Mass	1.75 kg
Weight (incl. packaging)	2 kg
Measuring conditions	Workstation 1000 x 600 mm, measuring distance 1.25 m