

TECHNICAL DATA SHEET

Mobile LED Surgical Light

BIÇAKCILAR LUXLINE 1170A

With battery - Black version - High-performance surgical lighting

Manufacturer Ref.: M1A 650 0 0

IBS Ref.: IBSLTD-M1A65000

The BIÇAKCILAR LUXLINE 1170A is a mobile LED surgical light with battery, designed to provide powerful and uniform illumination of the surgical field. Its 710 mm black light head, articulated arm and mobile stand facilitate positioning in operating theatres, procedure rooms and healthcare facilities.

The system delivers up to 160,000 lux at 1 m, with adjustable intensity, selectable colour temperature and integrated battery backup. Switching from mains power to battery operation is automatic.



Key points

- Illuminance: 160,000 lux at 1 m
- 84 LEDs + 4 green LEDs for Endo mode
- LED lifetime: 60,000 h
- Colour temperature: 4000 / 4500 / 5000 K (± 250 K)
- Colour rendering index: $R_a \geq 95$; $R_9 \geq 90 \pm 5\%$
- Light head diameter: 710 mm
- Intensity adjustment: 10 levels + 5 levels via touchless infrared sensor
- Battery operating time: 3 h
- Compatible with laminar airflow environments



Technical specifications

Illuminance	160,000 lux at 1 m	Light field diameter	180 - 250 mm at 1 m
Light source	LED	Illuminance depth L1+L2	1200 mm
Number of LEDs	84 + 4 Endo LEDs	Light head rotation	270°
Colour temperature	4000 / 4500 / 5000 K	Suspension arm rotation	360°
CRI Ra	≥ 95 (4000 K)	Spring arm	910 mm ; $\pm 60^\circ$ lateral
CRI R9	$\geq 90 \pm 5\%$ (4000 K)	Vertical movement range	50° down / 45° up
Light head power consumption	70 W	Max. system power consumption	450 W
Power supply	100-240 V, 50/60 Hz	Batteries	2 x 12 V / 12 Ah
Charging time	15-18 h	Battery operating time	3 h

Manufacturer packaging: spring arm 5.5 kg; upper/lower tubes 4.5 kg; light head 16 kg; power base 76.5 kg.

Technical source: KoçMedical | BIÇAKCILAR - Examination & Operating Room Solutions Catalogue, 17th Edition.

Registered Office: 27, Old Gloucester Street, LONDON, WC1N 3AX, (UK) - Tel. +44 20 3398 1339

France Office: 15 rue de la Garenne 27950 Saint-Marcel (France) Tel. +33 1 87 66 35 60

Turnkey Supplier

<https://ibsgroupe.com>

- Email: dircom@ibsgroupe.com