

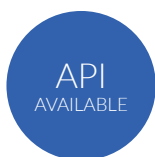
LG4

A lightbox for transparent chart illumination

The LG4 is our standard compact lightbox designed for easy transportation and set up for uniform illumination of transparent test charts.

Main Features

- * > 95% uniformity*
- * Intensity range of 100 to 65000 lx
- * Dim function of 32 kHz PWM
- * Software control



LG technology

432 LEDs illuminate the LG4 with a range of 100 to 65000 lx and a dim function of 32 kHz PWM. Control software comes with the device as well as the option for the LG API. The LG4 is also incorporated into the HDR lightSTUDIO for real scene testing.

The Controller Areas Network (CAN) system allows up to 99 LG4s to be connected and controlled by the LG software.



LG4 with OECF test chart TE269

At a Glance	LG4
Principle	Uniform illuminator for transparent charts based on LED technology
Light source	432 LEDs
Color temperature	approx. 5000 K \pm 5%
Maximum / Minimum illumination level	Normal mode: 0 – 100% / 32 kHz / 100 to 65000 lx ** Low mode: 0 – 100% / 32 kHz / 10 to 6500 lx **
Uniformity of illumination	> 95% for active chart area*, 280 x 157.5 mm > 85% at < 1% of max. intensity
Dimmable	32 kHz PWM

*Measured on a chart plane

**Absolute intensity range depends on the inserted chart