

LE6

Uniform chart illumination for transparent test charts

The LE6 is our original integrating sphere that is illuminated with a halogen light and coated with a special white diffuse coating on the inside. The window of the LE6 is 280 x 210 mm.

Main Features

- * 96% homogeneity
- * Halogen light illumination
- * Dimmable down to 1% of max. illumination without changing the spectral distribution



LE6-50 and LE6-100

The LE6 is available in two different versions. The first version is the LE6-50 with a 50 W halogen bulb and has a max. intensity of 3000 lx. The second version is the LE6-100 with a 100 W halogen bulb and a max intensity of 8000 lx. The LE6-50S and the LE6-100S are similar but cheaper versions that have the same max. intensities but do not include an illuminance meter or the dimming feature.

At a Glance	LE6-50	LE6-100
Principle	Dimmable halogen light source with constant color temparture	Dimmable halogen light source with constant color temparture
Light source	12 V / 50 W halogen bulb	12 V / 100 W halogen bulb
Color temperature	3200 K +/- 50 K	3200 K +/- 50 K
Maximum / Minimum illumination values	Approx. 30 - 3000 lx	Approx. 80 - 8000 lx
Uniformity of illumination	> 96%	> 96%