



Overview

Product name	LG4
Principle	A high-intensity illuminator for transparent charts based on LED technology

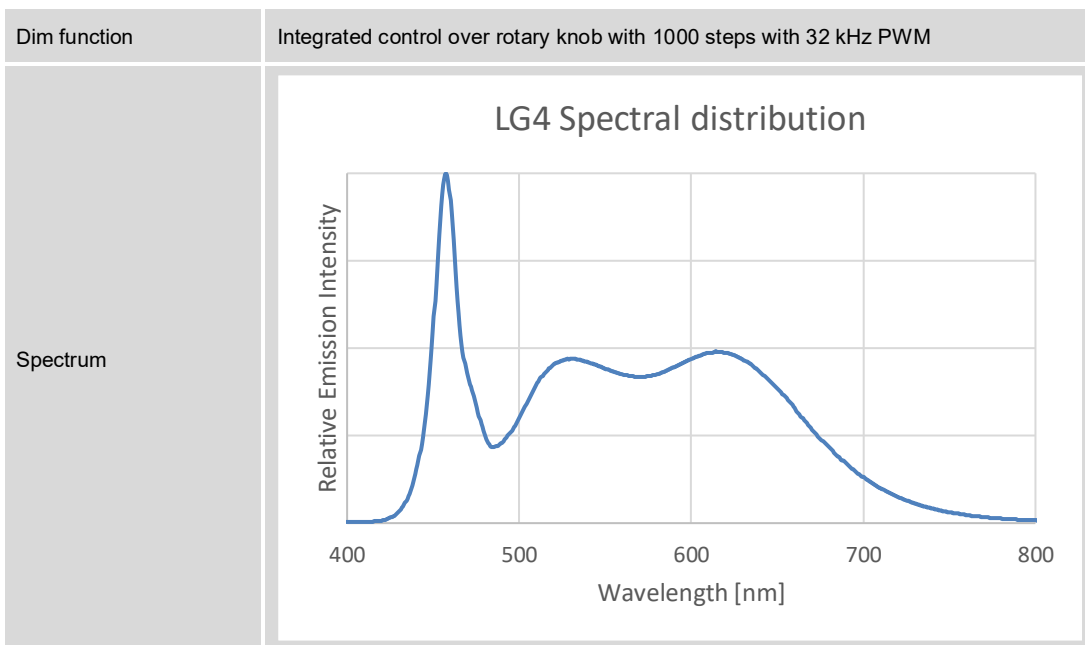
Features

Hardware

Output window	Rectangular output window, 290 x 220 mm Dual slot for D280-sized test charts
Max. device height	470 mm
Slides for test charts	2
Max. device depth	120 mm
Max. device weight	Approx. 7.5 kg

Illumination

Light source	432 LEDs
CRI	> 95
Color Temperature	Approx. 5000K +/-5%
Uniformity	> 95% for active chart area*, 280 x 157.5 mm > 85% at < 1% of max. intensity
Illumination stability	+/-5% (after warm-up)
Warm-up time	Up to 10 min (depending on set illumination level and ambient temperature)
Guaranteed illumination range	Approx. 10 – 65000 lx *** <ul style="list-style-type: none"> • Normal mode: 0 – 100% / 32 kHz / 100 to 65000 lx *** • Low mode: 0 – 100% / 32 kHz / 10 to 6500 lx ***



Software

System requirements	PC with Windows 7 operating system (or higher) USB port
Functions	<ul style="list-style-type: none"> • Intensity • Groups • Presets
API (C++)	Available as a separate option

General description hardware

Power supply/consumption	110 V / 230 V, 250 W
Ports	1 x USB for software control 1 x 24 V DC Power 1 x CAN in 1 x CAN out
Dimension lighting unit [W x H x D]	590 x 470 x 120 mm
Weight	7.5 kg illumination unit
Connection to tripod	Handle prepared for LG4 Tripod
Operating conditions	Optimal: 22 - 26 °C Maximum: 18 - 28 °C
Scope of delivery	1 x LG4 1 x Tripod Handle 1 x 2 m Power Supply Cable 1 x 3 m USB Cable 1 x User Manual 1 x LG Software



Miscellaneous

Accessories	C++ API LG4 Tripod 5 m CAN cable
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* Measured on chart plane

*** Absolute intensity range depends on the inserted chart