

Learning Glass LGE30 (MOBILE) product overview & specifications

Model Part Number: LGE30

Model Title: Learning Glass Europe, 30" Mobile Lightboard

Model description: Learning Glass Europe 30-inch Mobile Lightboard, power supply, dimmers, adjustable legs

Features: Laser tested, low-iron tempered glass. Surface treated for improved scratch resistance and easier cleaning

Presenter lighting element built into frame (no need for external lights)

Internal LED's designed for optimal illumination

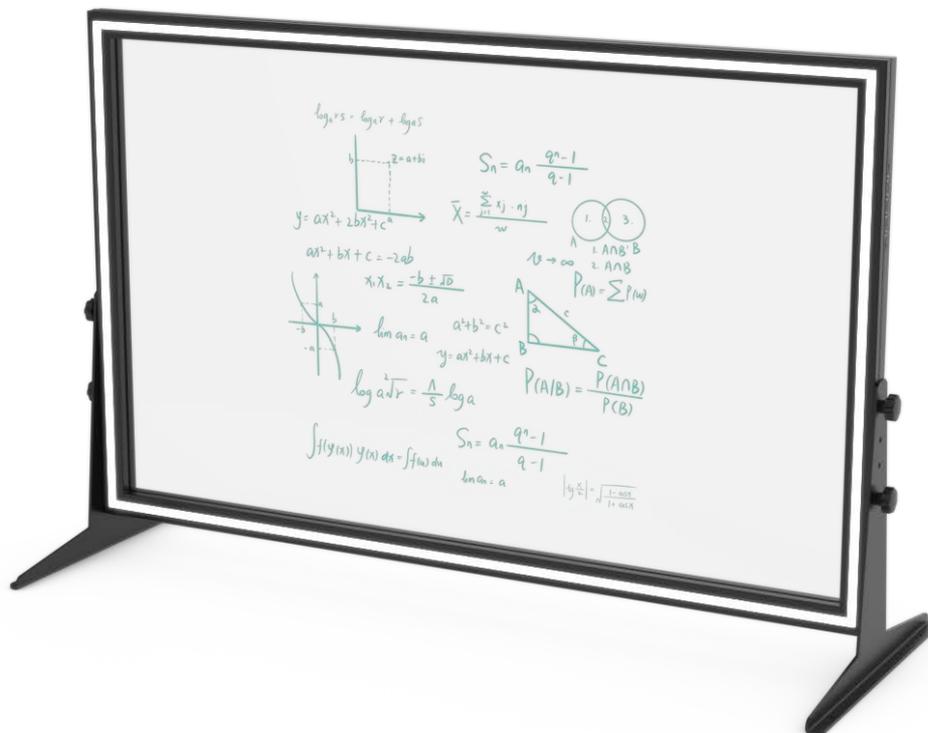
Internal LED's AND presenter lights have adjustable brightness control for different filming environments

Designed to be easily transportable

Working surface area: 66cm x 37cm

Adjustable height: Min 60cm, Max 67cm

Installation time: 15 minutes



1. Introduction

We launched the Learning Glass Mobile Lightboard to enhance the user experience, with the goal to make using our lightboard more transportable than ever. With the Learning Glass Mobile lightboard, our users are able to create powerful, engaging, lightboard content in everyday locations as smaller offices or homes, which perfectly fit for remote working. The LGE30 Mobile Lightboard features our surface treated, smudge-free, safety glass, ensuring best clarity and optical performance. The working surface area is 66cm x 37cm, and at under 6kg, the unit is easily transportable.

Whether you are a teacher, trainer or business professional, this product can be used at home or in the office with minimal set-up time. At a width of 73.5cm it will rest comfortably on the average desk or table, and with a weight of 6kg is easily transportable.

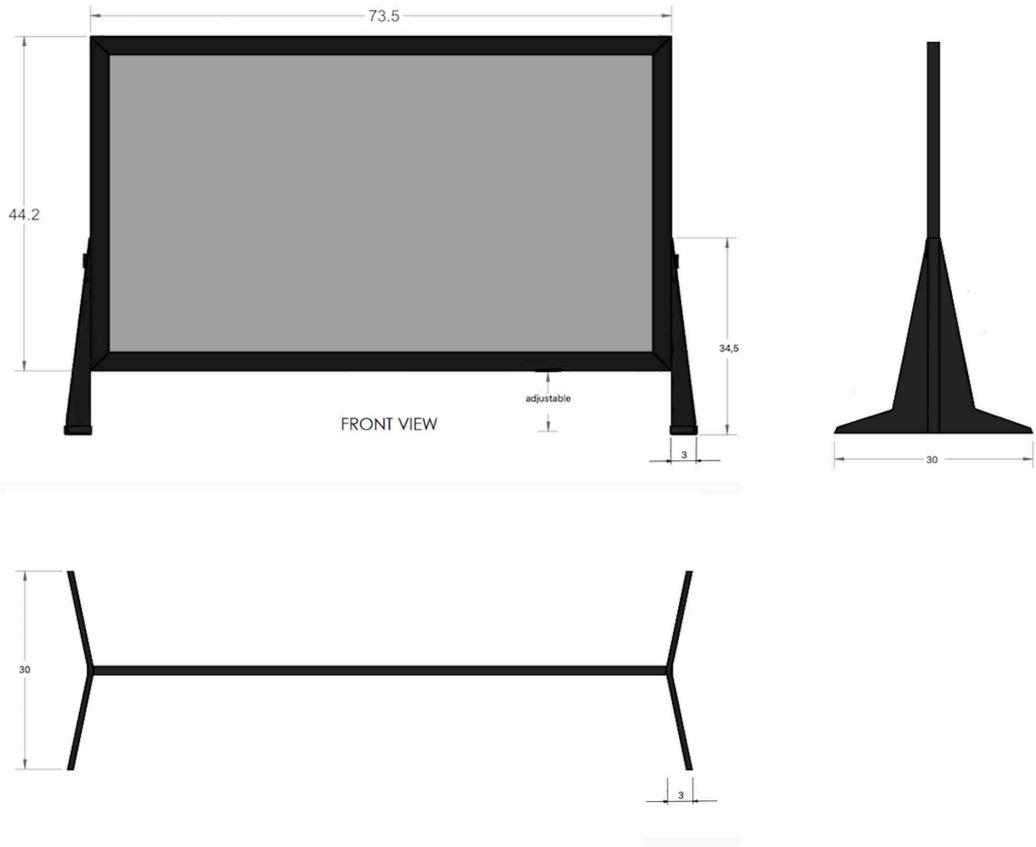
The Learning Glass uses best in-class components. Our LED's are a high quality, high density, silicone encased (waterproof) design. They have been tested with over a 100,000-hour lifespan with little to no degradation in performance. All of our Lightboard products have fitted external presenter lighting elements, designed to eliminate the need for any additional lighting whilst filming. This is extremely critical in avoiding light spillage and unwanted reflections. They produce a natural white light operating at 4000K. Both internal and external LED's have dimmer control units using pulse width modulation (PWM) to control brightness. These control units operate at extremely high frequency (12kHz) to avoid any 'flicker effect' that may occur with cameras operating at different frame rates and shutter speeds.

Assembly time is around 15 minutes and requires one person.

2. Lightboard Specifications

| ELECTRICAL | |
|---------------------------------------|-------------------------|
| Colour Temperature | 4000K |
| CRI Rating | 90+ |
| Max Brightness | <4 |
| Viewing Angle | 180° |
| Input Voltage Range | 240V |
| Input Voltage Frequency | 50-60Hz |
| Max Continuous Power | 40W |
| MECHANICAL | |
| Dimensions with max height | 73.5cm x 44.2cm x 3cm |
| Work Space - Glass surface (cm) | 66cm / 37cm |
| Height Min/Max with legs | 60cm / 67cm |
| Frame Material | High Strength Aluminium |
| Glass Material | Diamond™ Tempered Glass |
| Weight (with/without camera attached) | 6kg/5kg |
| Connectors | DC 2.1mm Barrel Jack |
| ENVIRONMENTAL | |
| Operation Temperature | -40°C to 85°C |
| Storage Temperature | -40°C to 105°C |
| Relative Humidity | 40% to 95% Electrical |

3. Lightboard Specifications



Dimensions in centimetres

4. Wiring Block Diagram

Learning Glass LightGlass Wiring Diagram

