

Learning Glass LGE45 (PROFESSIONAL) product overview & specifications

Model Part Number:	LGE45
Model Title:	Learning Glass Europe 45" PROFESSIONAL Lightboard
Model description:	Learning Glass Europe 45-inch LearningGlass/Lightboard, power supply, dimmers, legs
Features:	<p>Low-iron tempered glass. Surface treated for smudge free use</p> <p>Presenter lighting element built into frame (no need for external lights)</p> <p>Internal LED's designed for optimal illumination</p> <p>Internal LED's AND external lights have adjustable brightness control for different filming environments</p> <p>Working surface area: 99cm x 57cm (45inch/114cm diagonal)</p> <p>Adjustable height: Min 73cm, Max 83cm</p>
Installation time:	15 minutes



1. Introduction

The 45" Learning Glass lightboard features our surface treated, smudge-free glass, ensuring best clarity and optical performance with minimum streaks and squeaks.

The working area of the unit is 99cm x 57cm. We call this model the 'Professional' as it provides a 50% larger working surface than its younger brother, the 'Mobile', allowing the user to create and capture significantly more content. Whether you are a teacher, trainer or consultant, this product can be used at home or in the office with minimal set-up time. At a width of 105cm it will rest comfortably on the average desk or table, and with a weight of 11kg is easily transportable. This Lightboard is ideal for users that require a more professional output but lack the space and/or budget for the LGE68 (STUDIO) model.

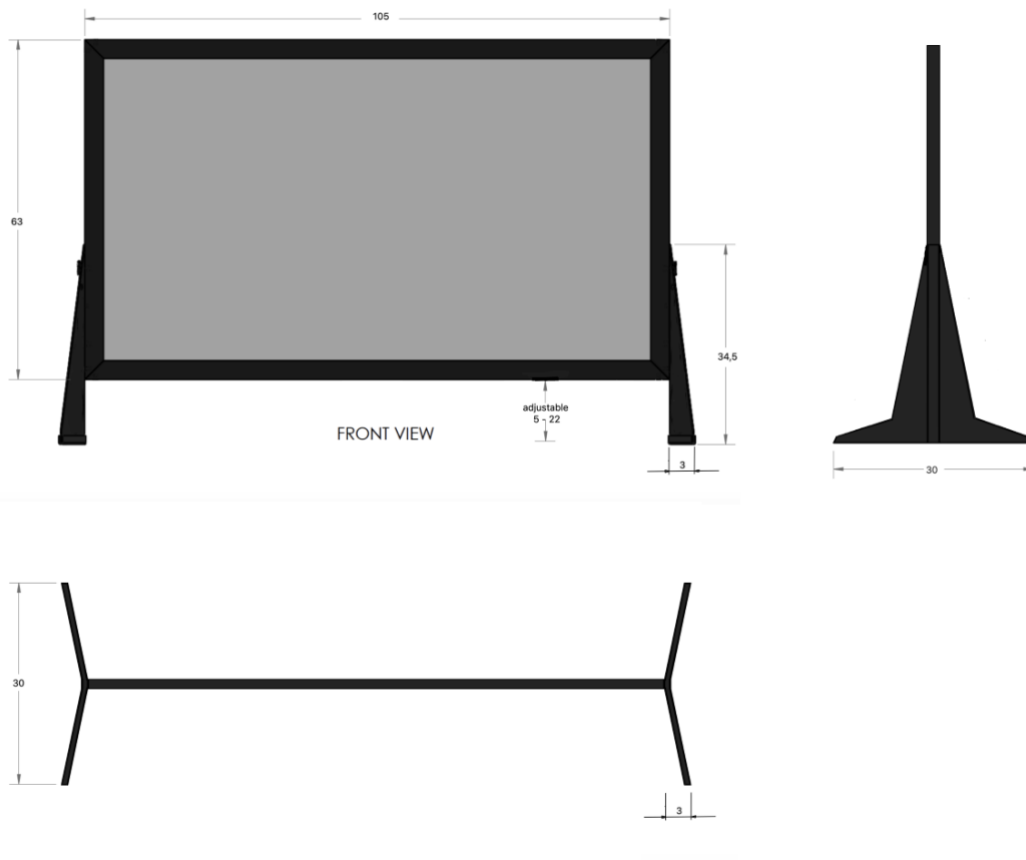
The Learning Glass uses best in-class components. Our LED's are a high quality, high density, silicone encased (waterproof) design. They have been tested with over a 100,000-hour lifespan with little to no degradation in performance. All our Learning Glass lightboard products have fitted external presenter 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 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	240
Input Voltage Frequency	50-60Hz
Max Continuous Power	40W
MECHANICAL	
Dimensions with max height	105cm x 83cm x 3cm
Work Space - Glass surface (cm)	99cm x 57cm
Height Min/Max with Stand	73cm / 83cm
Frame Material	High Strength Aluminium
Glass Material	Diamond™ Tempered Glass
Weight	11kg
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. Dimensions



Dimensions in cm

4. Wiring Block Diagram

Learning Glass LightGlass Wiring Diagram

