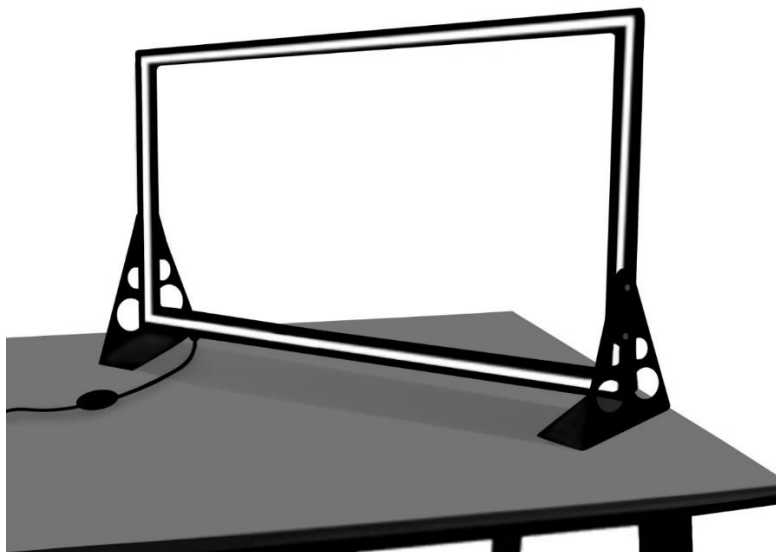


Learning Glass LGE45 (PROFESSIONAL) product overview & specifications

Model Part Number:	LGE45
Model Title:	Learning Glass Europe 45" PROFESSIONAL LightGlass
Model description:	Learning Glass Europe 45-inch LightGlass/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>Large working surface area: 98cm x 58cm (45 inch/114cm diagonal)</p> <p>Adjustable height: Min 74cm, Max 84cm</p>
Installation time:	30 minutes



1. Introduction

The 45" Learning Glass 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 98cm x 58cm. We call this model the 'Professional' as it provides a 50% larger working surface than its younger brother, the 'Table-Top', 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 104cm it will rest comfortably on the average desk or table, and with a weight of 14kg 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 LightGlass 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 30 minutes and requires one person.

2. 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	104cm x 84cm x 3cm
Height Min/Max with Stand	84cm / 74cm
Frame Material	High Strength Aluminium
Glass Material	Diamond™ Tempered Glass
Weight	14kg
Work Space (cm)	98cm x 58cm
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

4. Wiring Block Diagram

Learning Glass LightGlass Wiring Diagram

