

Quadralite Thea 450 LED Panel

Large LED panel for professional photo and video productions

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Product Description

Quadralite Thea 450 LED Panel is a light source designed to illuminate larger areas. Its key feature is the large light-emitting surface which, combined with the 45 W output, guarantees excellent scene fill and a professional look in recordings. The panel combines high light output with low weight (1403 g) and a depth of just 6 cm, making it easy to transport and set up even in compact spaces.

The Thea 450 LED features a dedicated diffusion layer that produces exceptionally soft light, eliminating the risk of harsh shadows on filmed subjects. This allows you to achieve a fully professional, studio-quality effect without the need for additional light modifiers.

The light source consists of high-CRI LEDs (≥ 95), emitting a powerful, flicker-free beam. Colour temperature can be adjusted in the 3200–5600 K (± 300 K) range using a dedicated dial on the back of the panel, allowing you to match the light to the ambient conditions for a natural look in recordings.

The built-in mounting bracket with a 1/4" thread and cold shoe allows attachment to tripods, camera cages and other rigging systems. The panel can be powered by two NP-F batteries (not included) or by the included AC adapter.

Technical Specifications

Product name	Quadralite Thea 450 LED Panel
Maximum power	45 W
Brightness control range	10–100%
Colour temperature	3200–5600 K (± 300 K)
Colour accuracy (CRI)	≥ 95
Colour accuracy (TLCI)	97
Illuminance (1 m)	3650 lx
Beam angle	120°
Illuminance at 0.5 m (max K / min K)	3653 lx / 3009 lx
Flicker-free	Yes
Built-in diffusion layer	Yes (milky)
Battery	2 × NP-F (not included)
Battery life at 100% power	120 min (2 hours)
Battery life at 50% power	240 min (4 hours)
DC power supply	Yes, AC adapter included
Battery indicator	Yes
Mounting	1/4" thread, cold shoe

Operating temperature	-10—+40°C
Dimensions (L×H×D)	461 × 250 × 60 mm
Weight (net)	1403 g
Warranty	2 years

Full Light Control

Quadralite Thea 450 offers smooth colour temperature adjustment in the 3200–5600 K (±300 K) range, allowing precise matching of the light character to the environment – from warm interior tones to neutral daylight. The high colour rendering index (CRI ≥95 and TLCI 97) ensures accurate colour reproduction, which is especially important in product photography and video productions.

The large panel surface with its built-in diffusion layer delivers exceptionally soft, even, flicker-free light. Stepless brightness control from 10 to 100% gives full exposure control in any condition, while the built-in battery level indicator allows continuous monitoring of runtime.

Mobility and Ease of Use

The Thea 450 LED is powered by two NP-F batteries, which are widely available and provide long runtime – up to 2 hours at full power and up to 4 hours at 50% power. The panel can also be powered from the included AC adapter for unlimited studio runtime.

Despite its large emitting surface, the panel weighs just 1403 g and is only 6 cm deep, making it exceptionally portable and easy to transport. Simple operation via two dials – power and colour temperature – allows instant parameter adjustments without losing focus on the shot.

Versatility of Use

Quadralite Thea 450 performs well across a wide range of scenarios – from classic portrait and product photography to video productions, live streams and social media content creation. The large light-emitting surface combined with the diffusion layer provides soft, even illumination across the entire scene without deep shadows – even without additional modifiers.

The built-in bracket with 1/4" thread and cold shoe enables mounting on tripods, camera cages and other accessories, providing full flexibility in light positioning.

Creativity in Social Media and Mobile Filmmaking

More and more content is created with social media in mind, where the quality of light directly affects the reception of the material. The Thea 450 LED is perfectly suited for vlogs, live streams and short-form video – its 45 W output provides even illumination of a full figure or a larger space without the need for a complex lighting setup.

The panel also works brilliantly for mobile productions shot with a smartphone, delivering professional-quality light that will be appreciated by amateur creators and experienced filmmakers alike.

Key Features

Maximum power 45 W – powerful output capable of evenly illuminating large areas.

Large emitting surface with built-in diffuser – exceptionally soft light with no harsh shadows and no additional modifiers needed.

Precise colour rendering (CRI ≥95 | TLCI 97) – guaranteed natural tones in photography and video recordings.

Adjustable colour temperature (3200–5600 K ±300 K) – easy scene matching via a dedicated dial.

Stepless brightness control (10–100%) – full exposure control in any condition.

Flicker-free output – comfortable video recording free from visual artefacts.

Power: 2 × NP-F battery – long field runtime; AC adapter included in the kit.

Battery level indicator – real-time monitoring of battery charge.

Mounting: 1/4" thread and cold shoe – compatible with tripods, cages and other mounting systems.

Low weight and depth (1403 g / 6 cm) – easy transport and setup even in compact spaces.

What's in the Box

Quadralite Thea 450 LED Panel

Mounting bracket

AC power adapter

User manual

Note: NP-F batteries (2 pcs.) are not included.