



ReLite LED Kit VariWhite HD for Arri Studio 1K

Product code:
P185G040A

Last update:
30/05/2024



ReLite LED Kit for Arri Studio 1K

Introducing

- Fast LED retrofitting for Arri Studio 1K, available in fixed white or variable white, with light output comparable to halogen lamps.

Key Features

- Easy LED retrofit designed for Arri Studio 1K
- VariWhite COB LED
- High CRI > 95 typical 97
- Tunable white 2.700 K → 6.500 K
- Light output comparable to halogen lamp
- Smooth linear dimming
- Flicker-free ideal for TV/Broadcast installations
- Huge power savings (reduce your power consumption by over 90%) with almost no heat generated
- European Conformity certification

General

● LED Source	VariWhite COB LED
● CCT Range	● ● ● ● ● 2.700 K → 6.500 K
● Color Rendition Average	CRI > 95, TLCI > 95
● Dimming	8 or 16 bit, 5 selectable curves: Exponential, Logarithmic, Linear, Halo and Standard
● Dimming Smooth Selection	Fast, Slow and Very Slow
● Strobe	Electronic strobe, synchronized, random, pulse effect
● Camera flicker control/Hz range	Yes, 20.000 Hz
● Calibrated Cob	Yes
● L80 Rating (hours to 80% output)	50.000 Hours

Electrical

● Voltage Input	90-240 V, 50/60 Hz, auto-sensing
● Power Consumption	150 W Maximum, 0.72 A at 230 V, 1.45 A at 115 V - cosφ: 0.9
● Power Connection	In and Out PowerCON TRUE1 Top
● Data Connection	In and Out DMX 5 pin locking XLR connectors

Thermal

● Fan (controllable)	Yes, 4 different settings: Silent, Studio, Auto, DMX regulated
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Control

● Protocols	DMX-512, RDM (Remote Device Management), Wireless (optional by LumenRadio)
● RDM Configuration	Yes
● DMX Channels	5 / 2 / 1 / Sunrise / Raw / MK1 / 6 Channels
● Display	Graphic OLED with on-board selector for quick setting
● Software Upload	Through DMX input (With RDM interface code AC10011A001)

5 Channels

- 01 → Master Dimmer
- 02 → Dimmer Fine
- 03 → White Tone
- 04 → Strobe Effect
- 05 → Special Functions

MK1 Mode

- 01 → Master Dimmer
- 02 → White Tone

2 Channels

- 01 → Master Dimmer
- 02 → White Tone

1 Channel

- 01 → Master Dimmer

6 Channels Mode

- 01 → Master Dimmer
- 02 → Dimmer Fine
- 03 → White Tone
- 04 → White Temperature Fine
- 05 → Strobe Effect
- 06 → Special Function

Sunrise Mode

- 01 → Master Dimmer
- 02 → Dimmer Fine
- 03 → Proportional White Tone
- 04 → Step White Tone
- 05 → Special Functions

Raw Mode

- 01 → Warm White Led
- 02 → Warm White Led Fine
- 03 → Cold White Led
- 04 → Cold White Led Fine

● Coemar Lighting S.r.l.

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