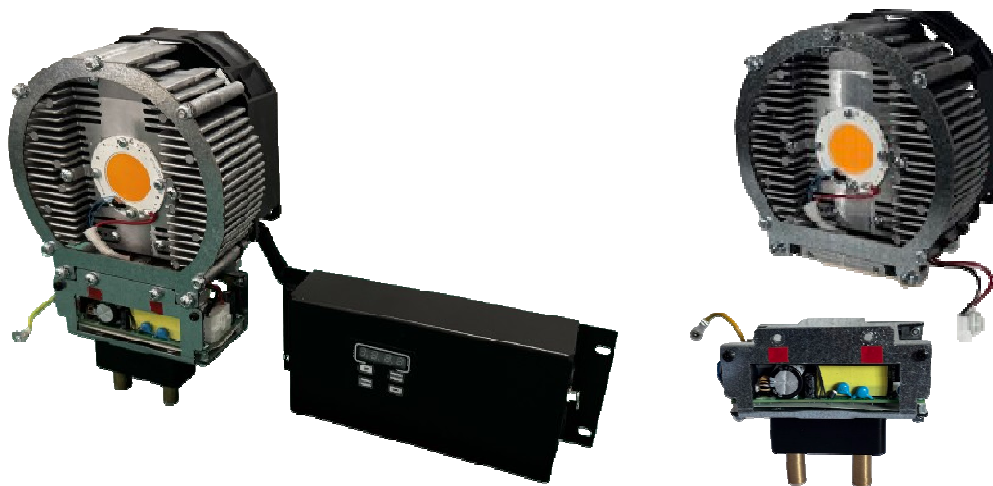


HPLED AR-J “white series”

Retrofit for Fresnel Arri Junior 2000



HPLED AR-J White is a retrofit module that allows a traditional 2000 W Arri Junior Fresnel by Arri with a halogen lamp to be upgraded into an efficient LED fixture with warm, neutral, or cool white light. By installing the module, it is possible to eliminate traditional phase-control dimmers and obtain direct control of the fixture via DMX 512 signal. With the HPLED AR-J series, perating costs are reduced, including electricity consumption (180 W), air conditioning, maintenance, and lamp replacement—without the need to purchase new LED fixtures. Made in Italy.



General Specifications:

- LED source: available LED color temperatures 3000°K; 4000°K; 5600°K (to be specified at the time of order)
- COB LED
- CRI: 97 at any color temperature
- LED lifetime: L80 (80% output) 50,000 hours
- Dimmer: 8- or 16-bit, 4 selectable curves (Quad, Quad2, Scur, Line)
- Flicker-free control for cameras / frequency range from 1 kHz to 10 kHz
- Smooth Dimming: Sfast, Fast, Med, Slow
- Synchronized electronic strobe: 0 to 28 Hz
- Modes: 5 DMX modes (1 ch, 2 ch, 3 ch, 4 ch, 5 ch)
- RDM (Remote Device Management)
- Fan: controllable with four speeds (LOW, MEDL, MEDH, AUT), noise level from 12 dB to 32 dB
- Display with four buttons

HPLED AR-J can be installed in the following Fresnel

- Arri Junior 2000 W tungsteno Fresnel

Electrical specifications:

- Power supply: 100–240 V ~ 50/60 Hz, auto-setting
- Power consumption: 180 W, $\cos\phi$ 0.98
- Signal connectors: Neutrik 5-pin XLR (IN and OUT)
- Firmware update: via DMX connectors

Compliance:

- Compliant with applicable standards

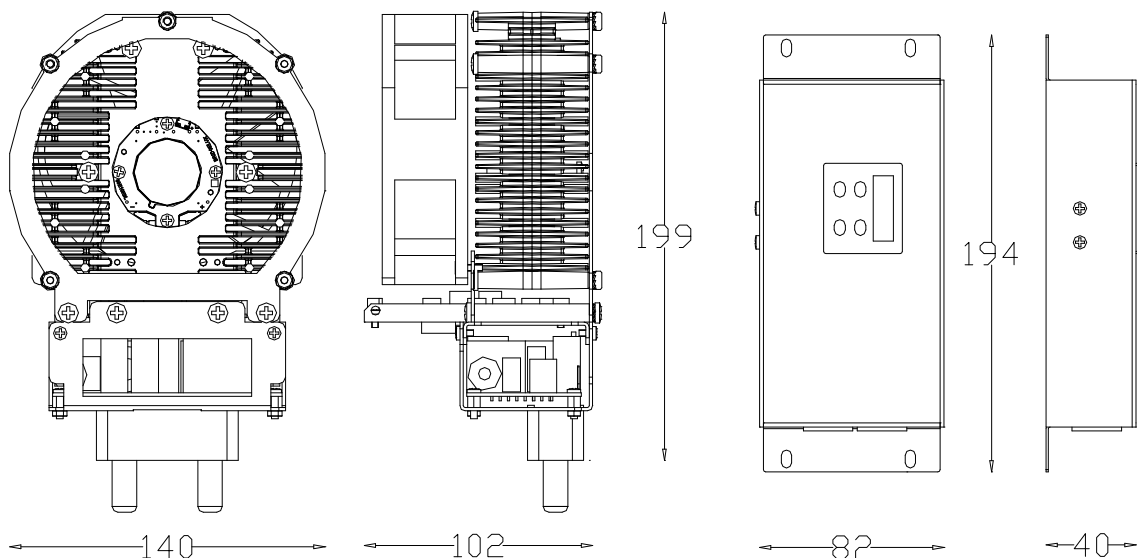


Thermal specifications:

- (Ta): -10 °C to +35 °C
- Temperature sensor on LED
- Temperature sensor on driver board

Dimensional specifications:

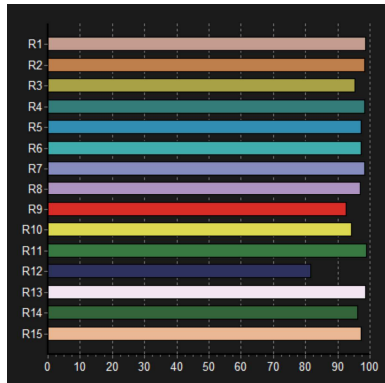
- See drawing:
- Net weight 1,7 Kg
- Packed weight 3,0 Kg
- Packaging volume: 0.015 m³



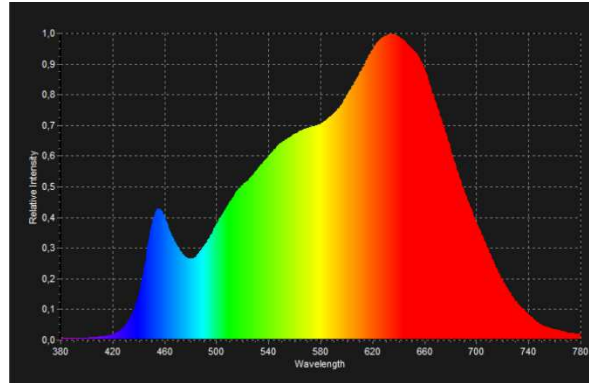
Photometric data LED 3000°K CRI 97

Indicative measurements taken at the center with the fixture powered on for 30 minutes at an ambient temperature of 25 °C.

	Distance m	4 m	6 m	8 m	10 m	12 m	14 m
Arri Junior zoom 16°	Lux	4,017	1,785	1,004	643	446	328
	Diameter ø m	1,01	1,51	2,02	2,52	3,03	3,53
Arri Junior zoom 66°	Lux	1.016	451	254	163	113	83
	Diameter ø m	4,56	6,84	9,12	11,4	13,68	15,97



White 3000° CRI 97

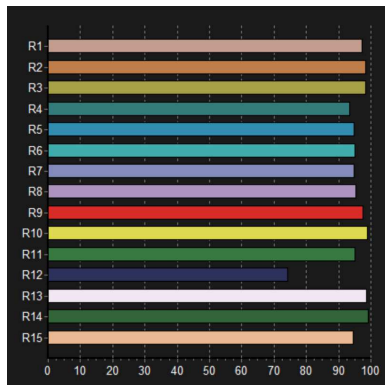


White 3000° Curve

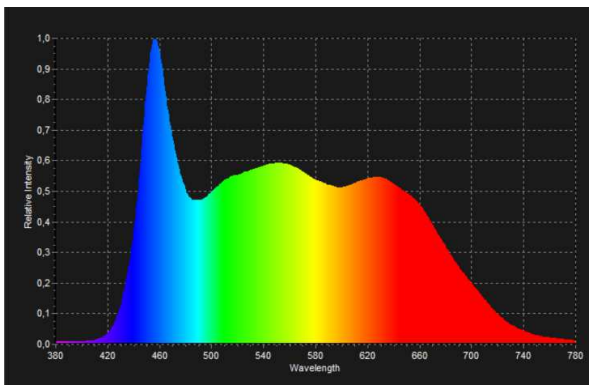
Photometric data LED 5600°K CRI 97

Indicative measurements taken at the center with the fixture powered on for 30 minutes at an ambient temperature of 25 °C.

	Distance m	4 m	6 m	8 m	10 m	12 m	14 m
Arri Junior zoom 16°	Lux	4266	1896	1066	683	474	348
	Diameter ø m	1,01	1,51	2,02	2,52	3,03	3,53
Arri Junior zoom 66°	Lux	1094	486	273	175	122	89
	Diameter ø m	4,56	6,84	9,12	11,4	13,68	15,97



White 5600° CRI 97



White 5600° Curve

The information contained in this document has been carefully prepared and checked. However, no responsibility is assumed for any inaccuracies. Lites srl reserves the right to make changes or functional modifications at any time without prior notice.