

## *6 Colour RGBACL Retrofit for Fresnel*

### *Arri Studio 2000*



- **Easy installation** - (remove the reflector, insert the module and secure it with 2 M4 screws, remove the side plate secured by 4 screws, fix the display box (time required 3/5 minutes)
- **Light quality** - (consistent light, high colour rendering CRI 93-98, constant colour temperature, flicker free)
- **Consumption** - electrical connection (low consumption, maximum power consumption 180W)
- **Dimming** - (Power supply directly connected to the network 110/240 V~, dimming control through the 8 or 16 bits DMX control, adjustment of the reaction times, quick reaction, dimming curves, always with a uniform and smooth operation, without jumps even at the lower light level, RDM control)
- **Heat** - (drastic temperature reduction of the projector unit resulting in savings for air-conditioning)
- **Maintenance** - (savings for lamps replacement, lamp average life 300/500 hours, depending on the model, Led life 50,000 hours, as estimated by the manufacturer)
- **Noise** - (efficient and silent cooling, with possibility to adjust the fan speed)
- **Protections** - (inner active control system which adjusts the operation of the unit by controlling the temperature thus protecting it in any situation)
- **Versions** - (a complete range with a variety of versions in order to meet all needs, available with 3000°k, 4000°k, 5600°k white light, white variable from 3000° to 5700°k, coloured RGBACL, red, green, blue, amber, cyan, lime)
- **Made in Italy** - (made and assembled in Italy using reliable and high quality components)

## TECHNICAL SPECIFICATIONS

Power Supply: 100–240V ~ 50/60Hz auto-setting (single-phase)

Maximum power consumption 180W

Stand-by power consumption 3W

LED life 30.000 Hrs (see manufacturer's specifications)

Available LED colour RGBACL (Red 1400 lm, green 1500 lm, blue 600 lm, amber 2300 lm, cyan 1400 lm, lime 3600 lm)

Led emission: 10800 lm total (see manufacturer's specifications)

CCT 2300°k to 10.000°k

CRI from 93 to 98 depending on the selected white

Emulation of 3200 ° k halogen lamp during the dimming phase

Homogeneous beam without shadows and multiple edges

7 operating modes, 16 bit dimming, rgb, HSI

Protection grade: IP20

Working position: any

Data Protocols: DMX 512, and-or RDM ready

User's interface: 4-digit display and 4 keys

Data connectors: IN – OUT Neutrik XRL 5

Control of led frequency: selection of LED frequency refresh

Fan control: fan speed adjustments

Dimming curves control: selection of four dimming curves control (quad, quad 2, scur S, line)

Possibility to operate without Dmx signal, 4 automatic programmable programs; manual selection of 30 color presets, 10 white presets;

Minimum room temperature: -10°C

Maximum room temperature: 35°C

Net weight: 2,35 kg

Packed weight: 3,0 kg

Packaging volume 0.015 m<sup>3</sup>

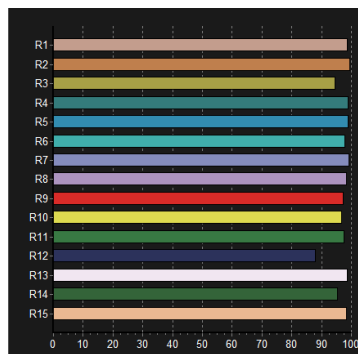
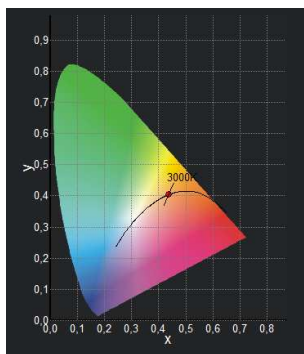
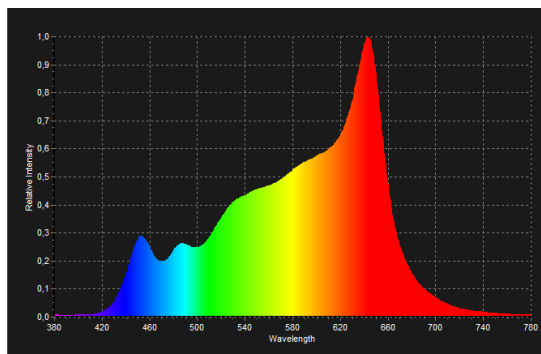
Compliant to :



### Photometric data LED RGBACL white 3200°K cri 98 (Arri Studio 2000)

Statistics rates measured with the use of 3200°K CRI 98 LED lantern in use for 30 minutes at 25°C room temperature

|     | Distance m   | 4 m   | 6 m   | 8 m   | 10 m  | 12 m  | 14 m  |
|-----|--------------|-------|-------|-------|-------|-------|-------|
| 20° | Lux          | 3.500 | 1.556 | 875   | 560   | 389   | 286   |
|     | Diameter ø m | 1,12  | 1,68  | 2,24  | 2,81  | 3,37  | 3,93  |
| 66° | Lux          | 641   | 285   | 160   | 103   | 71    | 52    |
|     | Diameter ø m | 5,19  | 7,79  | 10,39 | 12,98 | 15,58 | 18,18 |



# HPLED AR

“Colour rgbac1°”

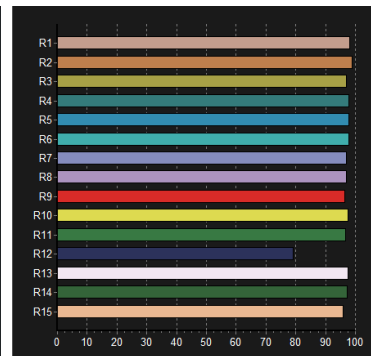
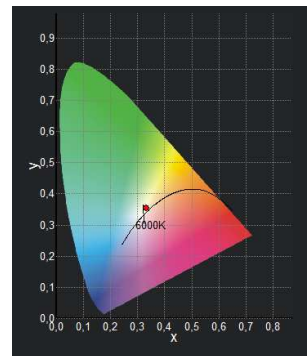
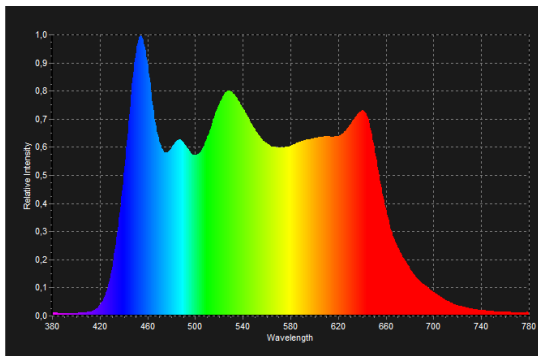
**Lites s.r.l.**

*Simply LED to innovation*

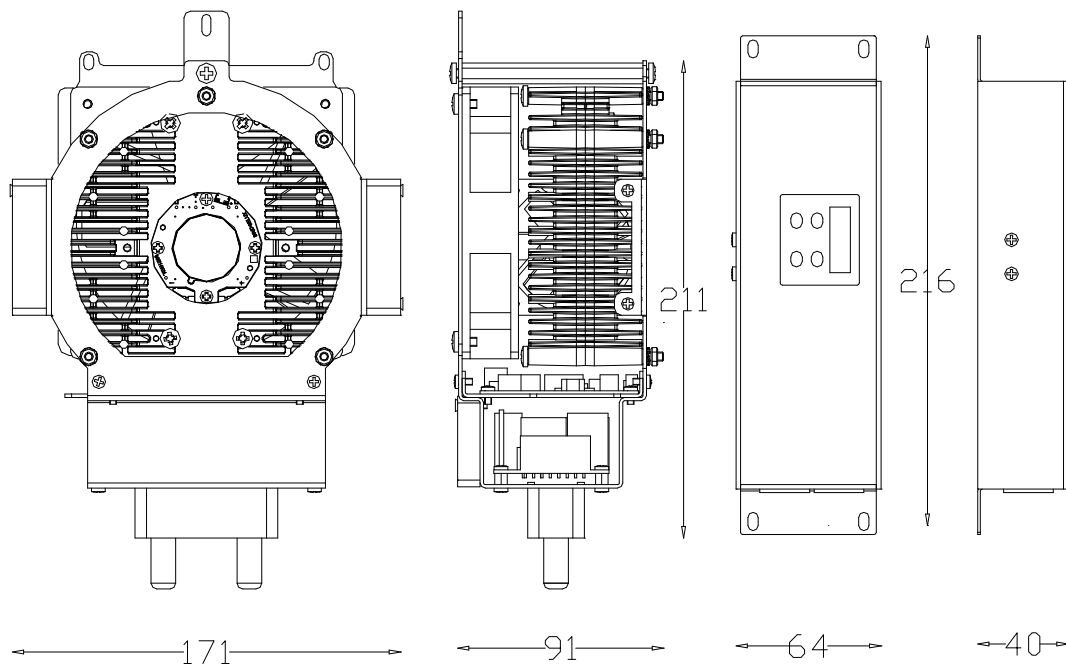
## Photometric data LED RGBACL white 5600°K cri 98 (Arri Studio 2000)

Statistics rates measured with the use of 5600°K CRI 98 LED lantern in use for 30 minutes at 25°C room temperature

|     | Distance m   | 4 m   | 6 m   | 8 m   | 10 m  | 12 m  | 14 m  |
|-----|--------------|-------|-------|-------|-------|-------|-------|
| 20° | Lux          | 3,828 | 1,701 | 957   | 613   | 425   | 313   |
|     | Diameter ø m | 1,12  | 1,68  | 2,24  | 2,81  | 3,37  | 3,93  |
| 66° | Lux          | 703   | 313   | 176   | 113   | 78    | 57    |
|     | Diameter ø m | 5,19  | 7,79  | 10,39 | 12,98 | 15,58 | 18,18 |



Dimensions:



The information contained in this document has been carefully drawn and checked. However, the manufacturer shall not be liable for any inaccuracy or mistake. Lites srl reserves the right to modify or make any functional change at any time without notice.