

ARTEMIO FRESNEL



USER'S MANUAL rel. 1.0 GB

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1- SYMBOLS

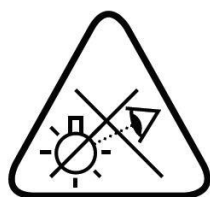
Graphic symbols used on this manual:



**THIS SYMBOL MEANS “SUITABLE FOR
INDOOR USE ONLY”**

t_a 40°C

**THIS SYMBOL INDICATES THE MAXIMUM
OPERATING AMBIENT TEMPERATURE**



**THIS SYMBOL MEANS “DO NOT STARE
AT THE OPERATING LIGHT SOURCE”**



Risk Group 2

**THIS SYMBOL INDICATES
PHOTOBIOLOGICAL SAFETY**



**THIS SYMBOL INDICATES THE EUROPEAN
COMMUNITY DIRECTIVE 2012/19/EC ON
WASTE ELECTRICAL AND ELECTRONIC
EQUIPMENT (WEEE)**

2- GENERAL WARNING

Read the instruction contained in this user manual carefully, as they give important information regarding safety during installation, use and maintenance.

The unit is not for household use and must be installed by a qualified electrician or experienced person.

3- GENERAL WARRANTY CONDITIONS

The unit is guaranteed for 36 months from the date of purchase against manufacturing material defects.

4- TECHNICAL FEATURES

DTS Product codes:

03.ART001 ARTEMIO FRESNEL 3000K
03.ART008 ARTEMIO FRESNEL 4000K
03.ART010 ARTEMIO FRESNEL 5000K

Output

Single high-power White 3000K LED
1830 Lumens @ 700mA
CRI > 90
Also available with 4000K or 5000K LED
LED lifespan: 50.000 hours (70% lumen output)

Optical group

Ø 50 mm Fresnel lens
14° - 42° linear zoom

Control

On-Off / DMX 512 / RDM / DALI / Art-Net (external driver is required)

Power supply

External PSU:
- DRIVENET 28C DIN @ 48Vdc
- DRIVENET 28 EZ / 416 / 832 PSU (full-range 100-240Vac 50-60 Hz)
- DRIVENET 1664 PSU (range 180-240Vac 50-60 Hz)
- External 36Vdc 700mA max Constant Current PSU
Power consumption: 25W Max

Connections

2 x 0,5 mm² cable (2 m length)

Operating temperature

-10° / 40°C

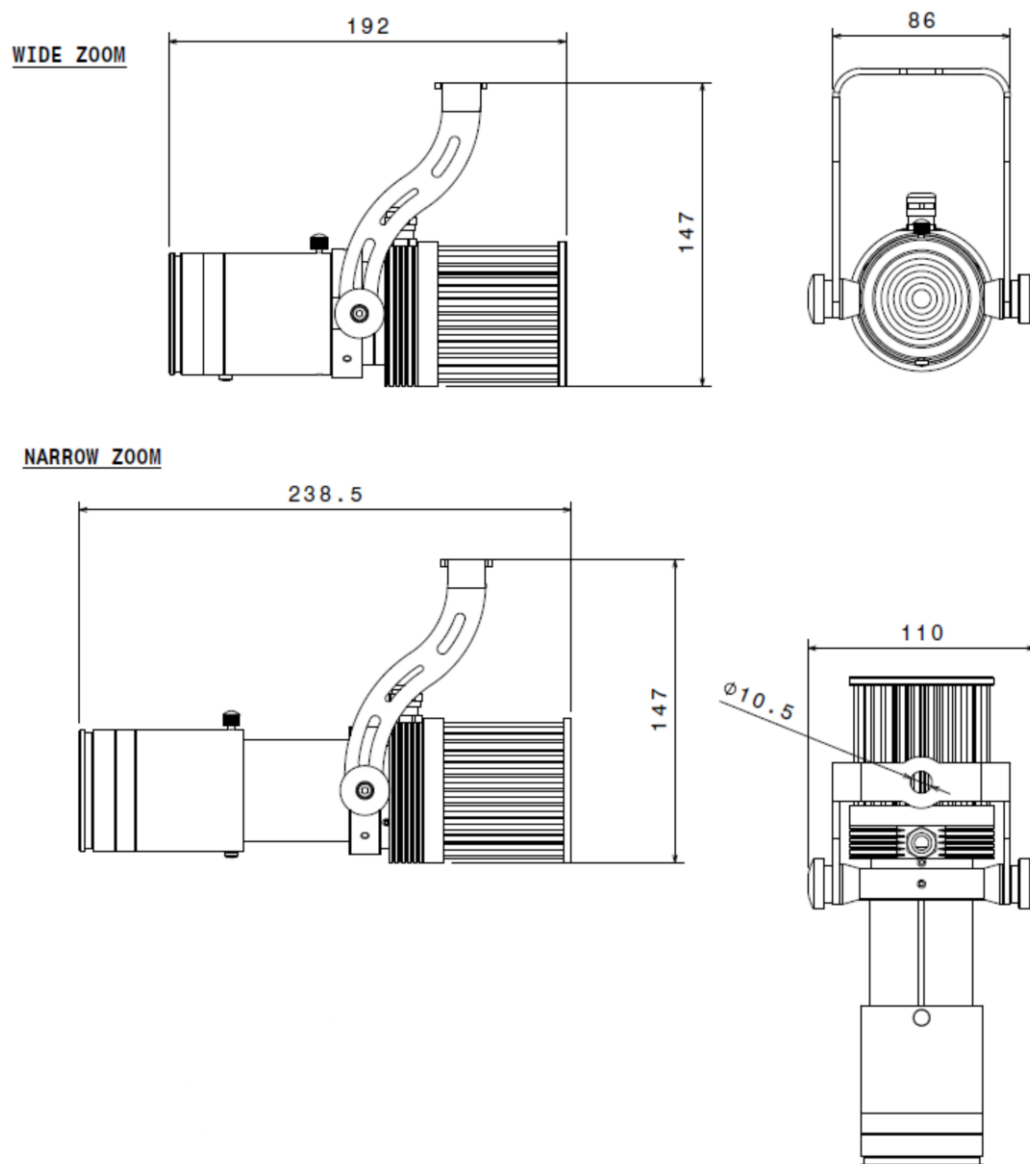
Physical

IP20
Weight: 0.9 Kg
Finishing: Black

Certifications



DIMENSIONS



5- ACCESSORIES

Optional (on request)

- Barndoor + Filter holder - black finishing (code 03.ART012)
- Filter holder - black finishing (code 03.ART014)
- Holographic filter soft-edge (code 0506A132.D19)
- Holographic filter 60°x10° (code 0506A092.D19)
- 2 x 0,5 mm² cable (code 0509C120)
- Constant current PSU 700mA 9-48Vdc *IP67 (code 0502T031)
- Constant current PSU 500-1400mA 60W *Push Dimming *DALI *230Vac (code 0514M240)
- Constant current PSU 500-1400mA 60W *Push Dimming *DALI *100Vac (code 0514M241)
- "C" Clamp G50 (Max. Load 10 Kg) (code 0521A012)
- Safety cable 3 mm x 60 cm, max capacity load 60 Kg (code 0521A010)

Accessories for Electrified Rail mounting

- Track adapter On-Off - black finishing (code 03.LA.232)
- Track adapter DALI – black finishing (code 03.LA.233)
- Track adapter Dimmer – black finishing (code 03.LA.234)

6- IMPORTANT SAFETY INFORMATION

6.1 Prevention from electric shock:

Class II LED product according to standard EN 60598-1.

6.2 Safety:



Risk Group 2 product according to EN 62471. Risk Group 2

CAUTION. Do not look directly into the light output. May be harmful to the eyes and skin.



Do not stare at the operating light source.

The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.

The unit is not for household use and must be installed by a qualified electrician or experienced person.

LEDs are not replaceable.

The external surface of the unit may exceed 50°C; never handle the unit until at least 5 minutes have elapsed since the unit was turned off.

Never install the unit in an enclosed area lacking sufficient air flow.

Suitable for operation in ambient not exceeding 40°C. t_a 40°C



6.3 Waste Electrical and Electronic equipment (WEEE) directive:

The unit, accessories and packaging should be sorted for environmental-friendly recycling.

For EC countries: according to the European Directive 2012/19/EC for Waste Electrical and Electronic Equipment and its implementation into national right, luminaires that are no longer usable must be collected separately and disposed of in an environmentally correct manner.

7- INSTALLATION

The unit is suitable for dry locations only.

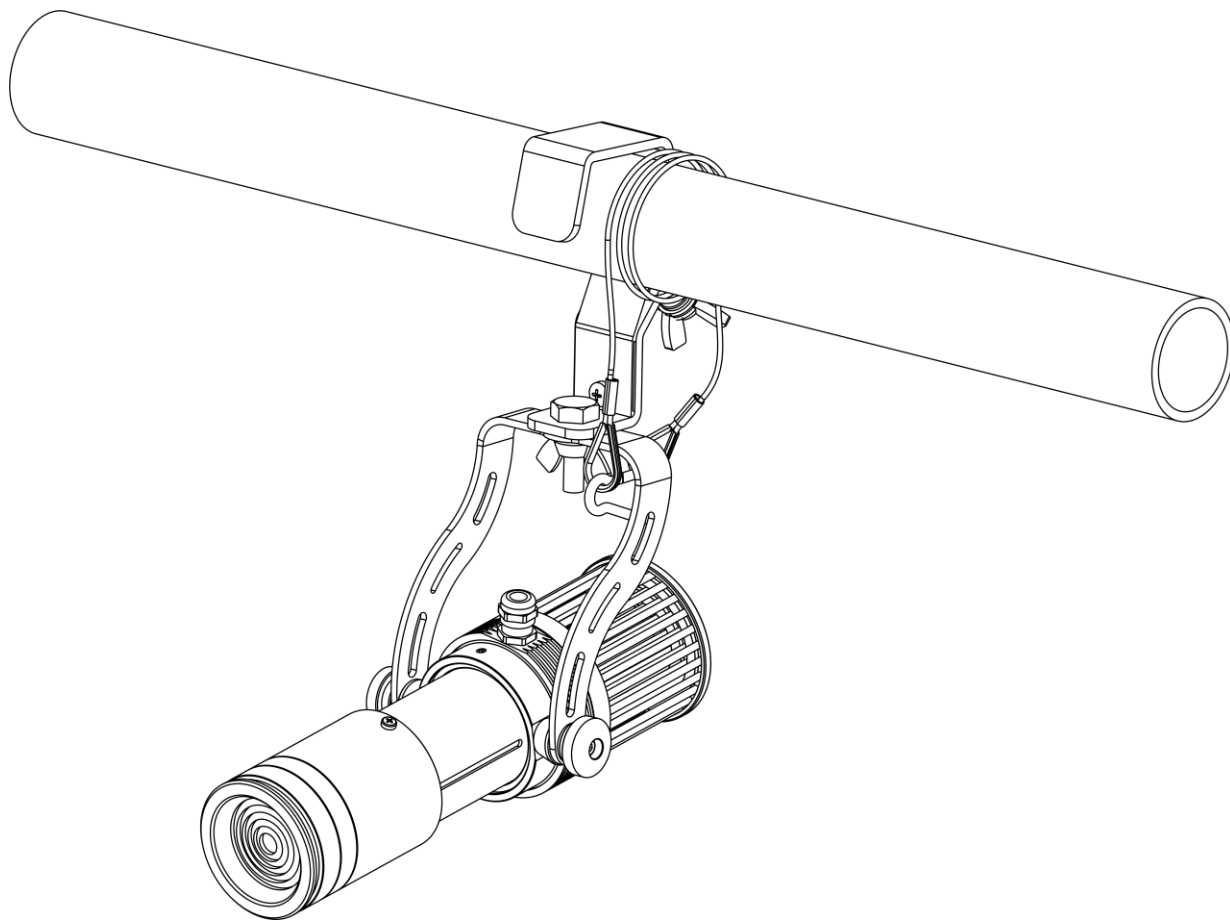
ARTEMIO FRESNEL can be installed on a truss or on the ceiling.

It is recommended the use of appropriate clamps to fix the unit to the mounting surface.

ATTENTION:

A safety cable (code 0521A010) must be securely fixed to the unit's mounting bracket and to the support structure of the projector as shown in the picture below.

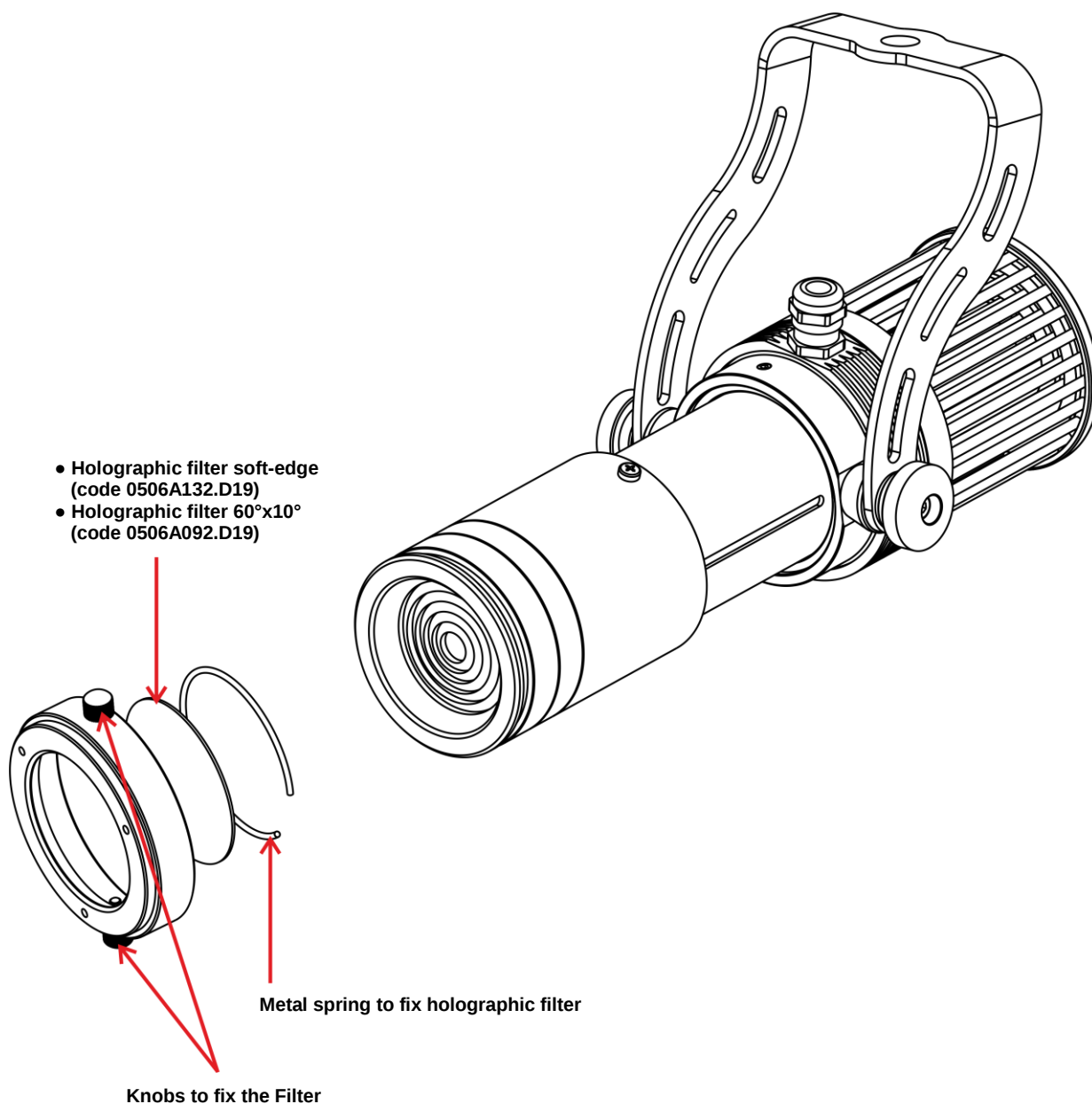
Fixing clamps and safety cable are available on request.



8- FILTER HOLDER INSTALLATION

The Filter Holder for ARTEMIO FRESNEL (code 03.ART014) and holographic filters are available on demand.

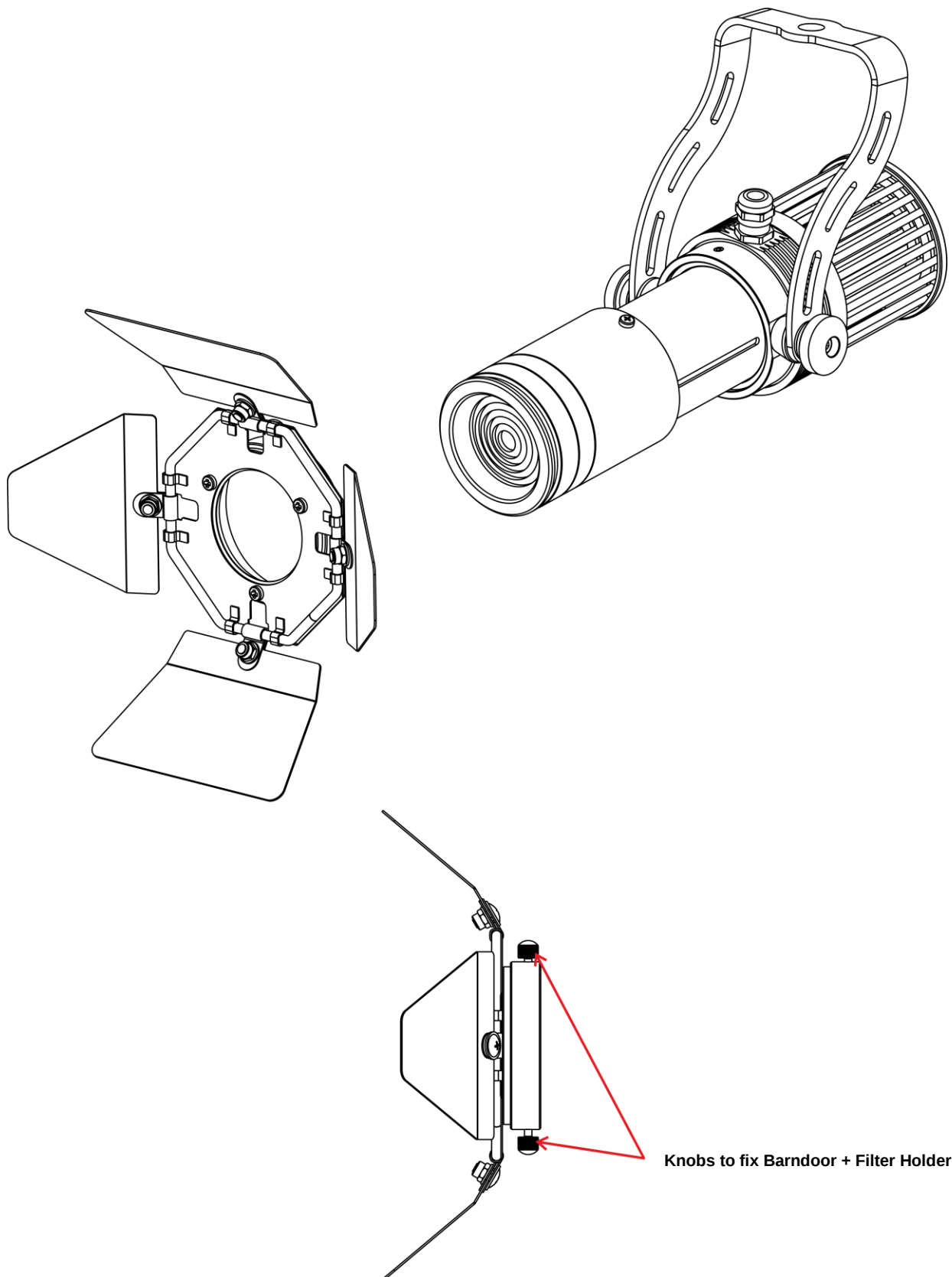
- 1) To install the holographic filter remove the metal spring from the holder.
- 2) Put in place the holographic filter by keeping the microstructure faces inward.
- 3) Fix the holographic filter with the metal spring.
- 4) Put in place the Filter Holder on ARTEMIO and fix it by tightening the 2 knobs.



9- BARNDOOR + FILTER HOLDER INSTALLATION

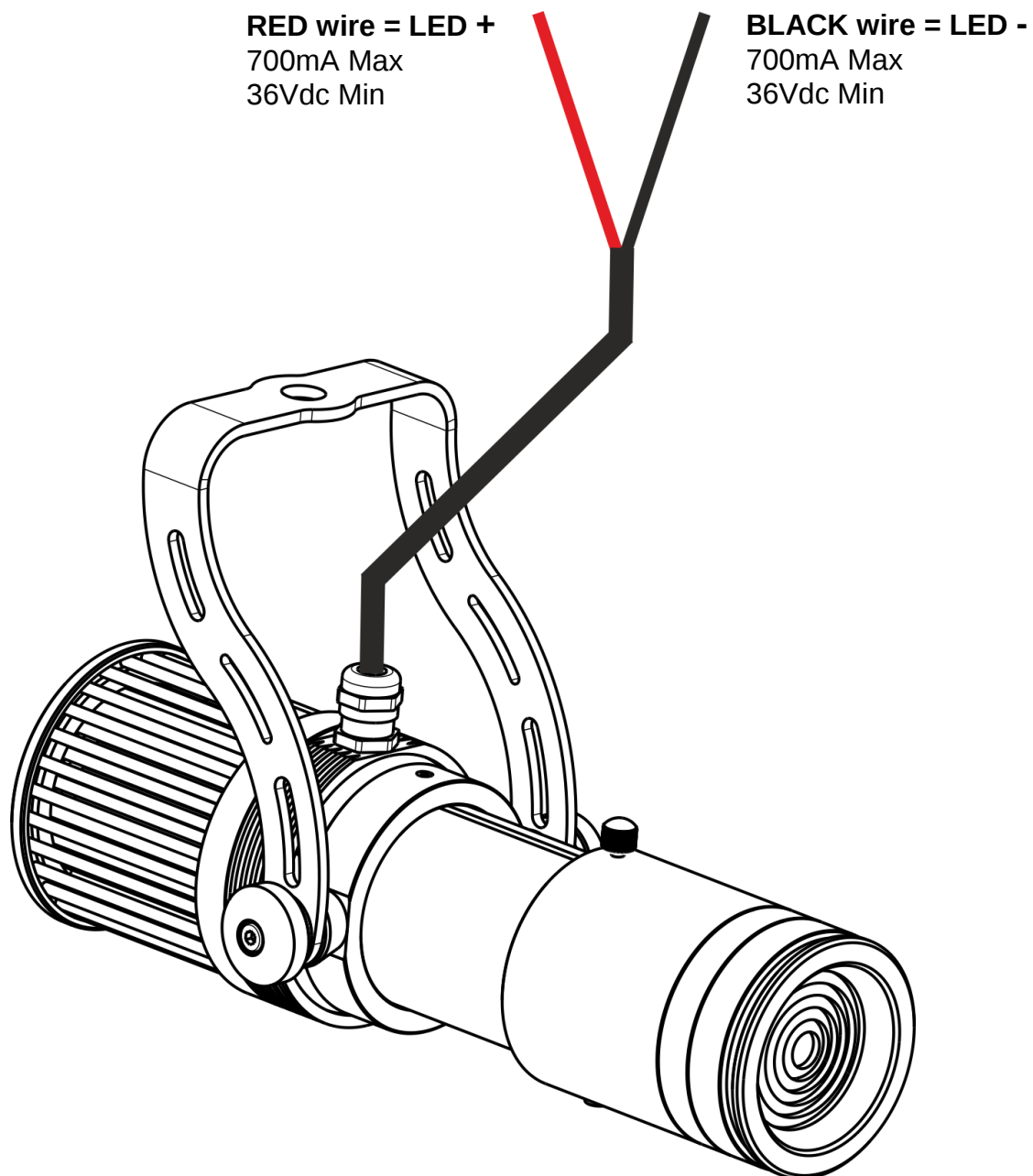
The Barndoor + Filter Holder for ARTEMIO FRESNEL (code 03.ART012) is available on demand.

Fix the Barndoor on ARTEMIO at the desired position by tightening the 2 knobs.



10- CONNECTIONS

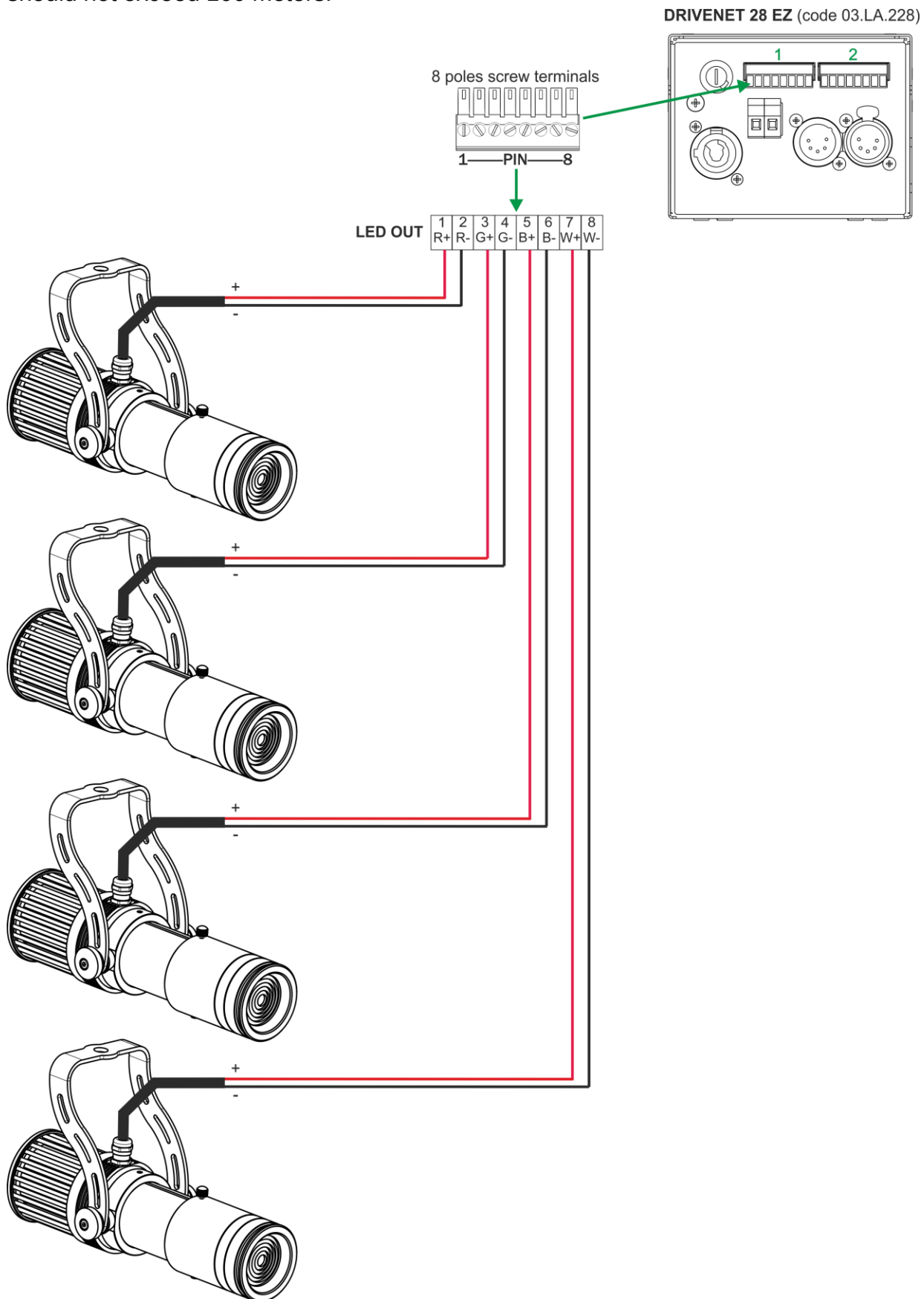
ARTEMIO FRESNEL is provided with 2 x 0,5 mm² cable (2 m length).



11- WIRING DIAGRAMS

The maximum number of ARTEMIO FRESNEL connectable to each output channel of the DRIVENET 28 EZ is 1 piece.

The maximum distance between DRIVENET 28 EZ and ARTEMIO FRESNEL unit should not exceed 100 meters.

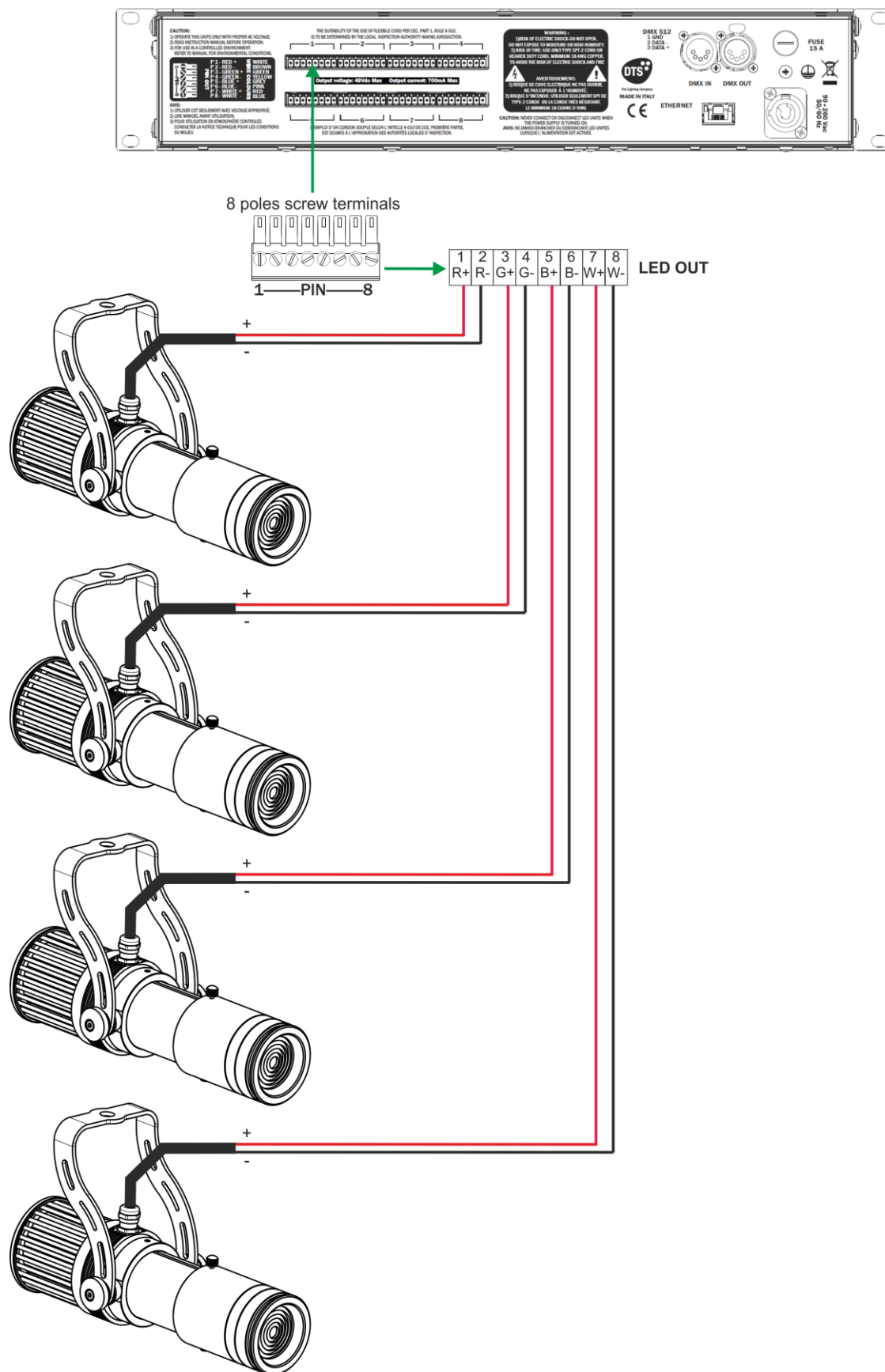


11- WIRING DIAGRAMS

The maximum number of ARTEMIO FRESNEL connectable to each output channel of the DRIVENET 832 is 1 piece.

The maximum distance between DRIVENET 832 and ARTEMIO FRESNEL should not exceed 100 meters.

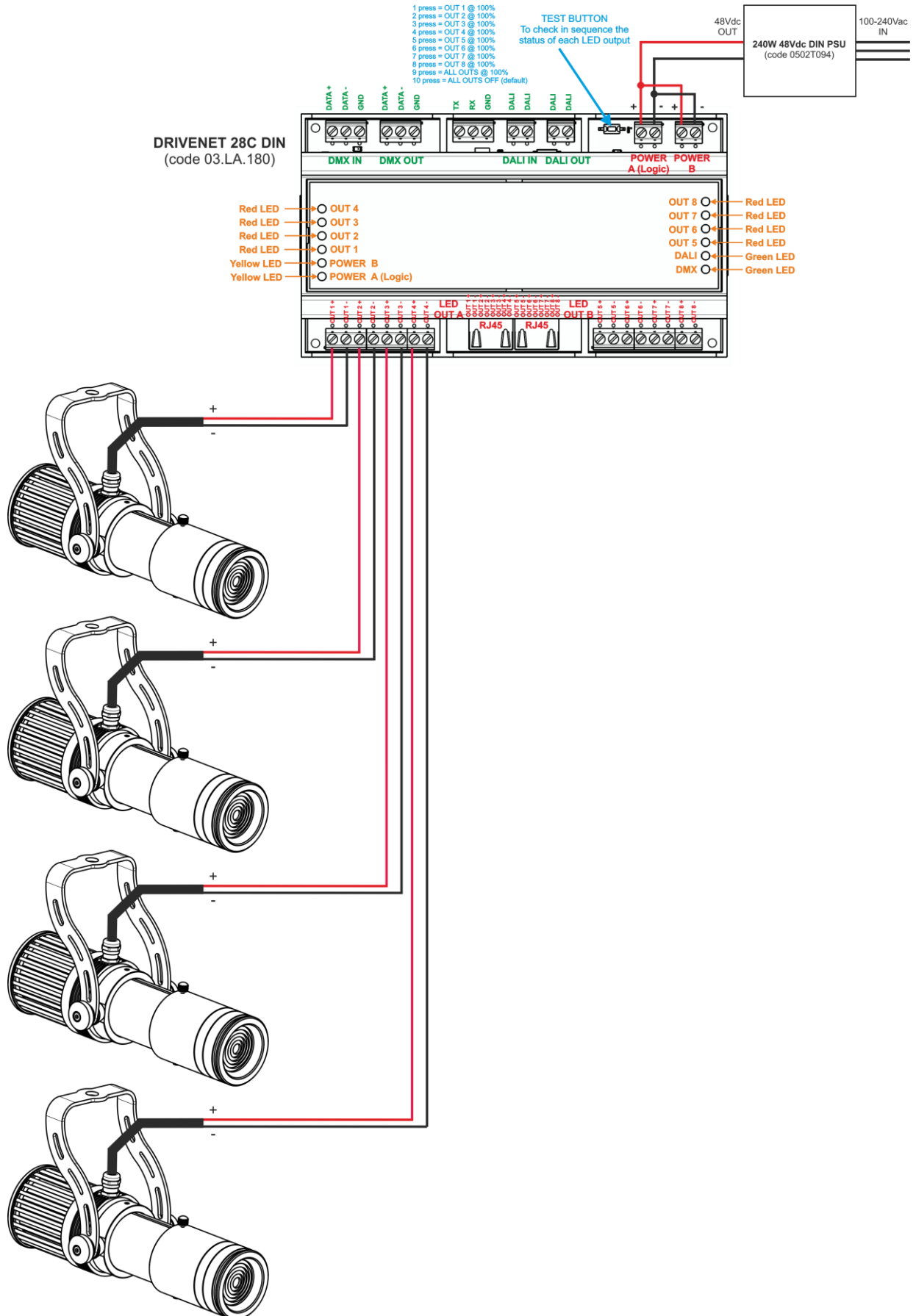
DRIVENET 832 (code 03.LA.177)



11- WIRING DIAGRAMS

The maximum number of ARTEMIO FRESNEL connectable to each output channel of the DRIVENET 28C DIN @ 48Vdc is 1 piece.

The maximum distance between DRIVENET 28C DIN @ 48Vdc and ARTEMIO FRESNEL unit should not exceed 100 meters.



NOTES

NOTES

ISO 9001:2015

DTS quality system is
certified to the ISO
9001:2015 standard



05171333



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ITALY**

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