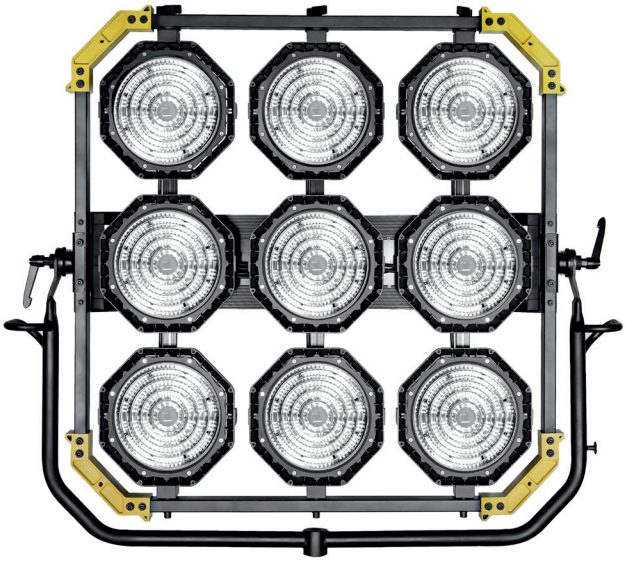
lightstar®



LUXED Series

User Manual

User Manual

Version: 23. Dezember 2021, 9:37 AM

Lightstar Lights
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General Introduction

The Lightstar LUXED Series are LED spotlights, optimized for heat dissipation and with an all new optical design. By using two high-quality LED's the spectral light distribution is even more continuos, resulting in accurate colors. The LUXED Series has a high output of power and can be used to substitute old Dyno tungsten lights, which need a lot more power. Also the ability to change the color temperature is a huge advantage to the original Dyno lights.

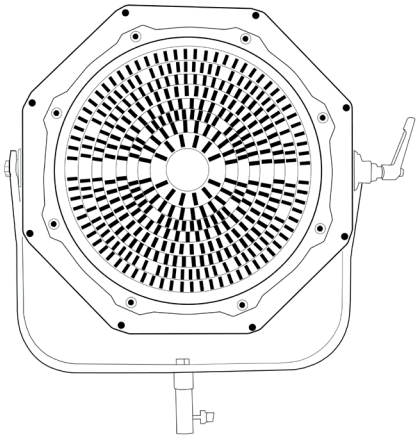
The original innovater of the LUXED series has been widely recognized in the market especially in the film and television industry.

General Characteristics

- modular design
- high quality bi-color light, CRI = 95
- brightness adjustable from 0 - 100%
- color temperature adjustable between 2800K and 6500K
- luminous flux output stays relatively stable when temperature is adjusted
- supports DMX512 protocol
- LCD software control, easy to operate
- DC power input (for battery operation or via mains power supply)
- adjustable frequency from 1Hz to 50Hz
- no UV output
- lamp and power-supply are easy to maintain
- patented optical lens design

LUXED-S – Technical Information

SKU:	LUXED-S
Description:	Bi-Color LED Spotlight
Power:	180W
Material:	Aluminium casting
Cooling:	Active Cooling
Color Temperature:	2800-6500K
Dimming:	0-100%
CRI:	95
TLCI:	>96
AC Input (indirect):	100-240V AC via power supply (3-Pin XLR)
DC Input:	48V DC (DC-IN 3-Pin XLR socket)
Control:	DMX In- & Output (5-Pin XLR socket)
Frequency:	1-50Hz
IP Class:	IP20
Dimensions:	365 x 360 x 98mm
Weight:	4‘000g



LUXED-S – Operational Instructions

Connect the power supply / DC Input to the DC IN socket of the lamp head.

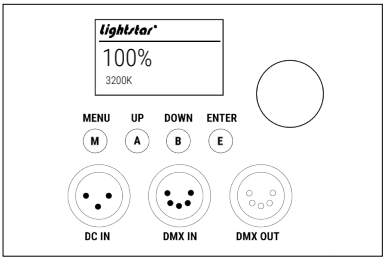


Figure 1 - Control Panel

The LCD display (Figure 1) shows the lightstar logo on startup, as well as DMX information, when connected. Depending on the selected function, the screen shows the corresponding values.

The adjustable knob next to the LCD display is used to set the color temperature, brightness, frequency and DMX address.

Click Button M to enter the menu. Click again to get to the page before. Button A is a quick link to the color temperature adjustment. Click another time and the display switches to the brightness adjustment. In Menu, button A is to select up.

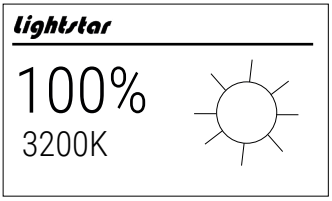


Figure 2 - Brightness Adjustment

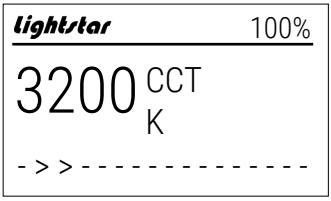


Figure 3 - Temperature Adjustment

Quick link button B to switch Bi-Color Mode and Frequency, in Menu button B is to select down.

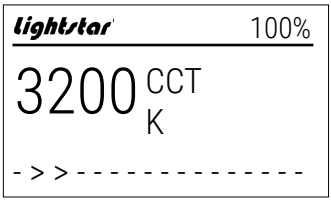


Figure 4 - Bi-Color Mode

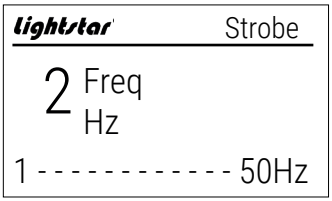


Figure 5 - Strobe Mode

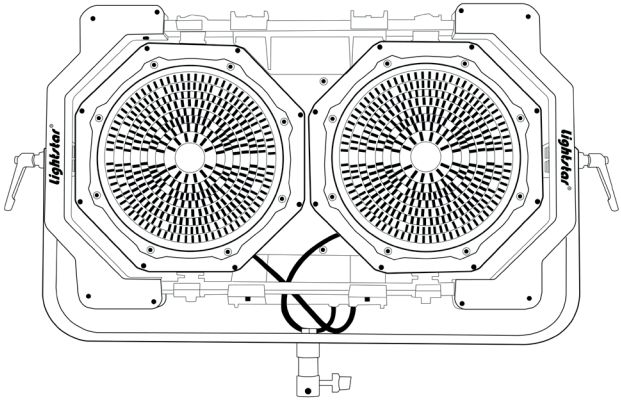
Quick link button E is for turning the light on / off.

Adjust knob to control the strobe's frequency.

The menu selection is self-explanatory. Just use the up and down buttons (A and B) to go up and down. Turn the knob to adjust the different settings.

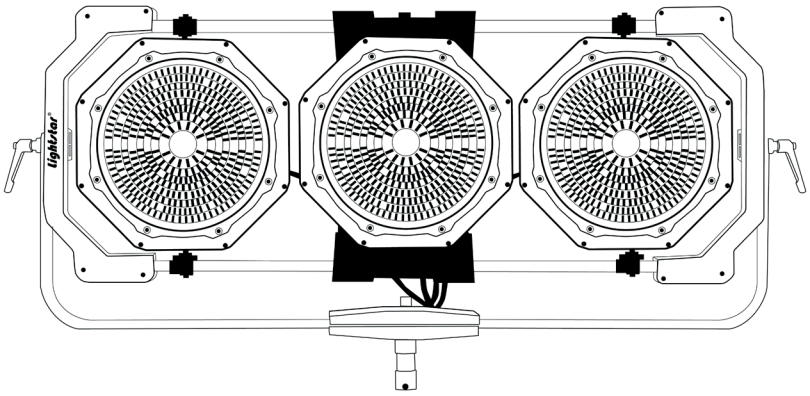
LUXED-2 – Technical Information

SKU:	LUXED-2
Description:	Bi-Color LED Spotlight
Power:	360W
Material:	Aluminium casting
Cooling:	Active Cooling
Color Temperature:	2800-6500K
Dimming:	0-100%
CRI:	95
TLCI:	>96
AC Input (indirect):	100-240V AC via power supply (3-Pin XLR)
DC Input:	48V DC (DC-IN 3-Pin XLR socket)
Control:	DMX In- & Output (5-Pin XLR socket) Wireless DMX (LumenRadio)
Frequency:	1-50Hz
IP Class:	IP20
Dimensions:	763 x 563 x 172mm
Weight:	8‘500g



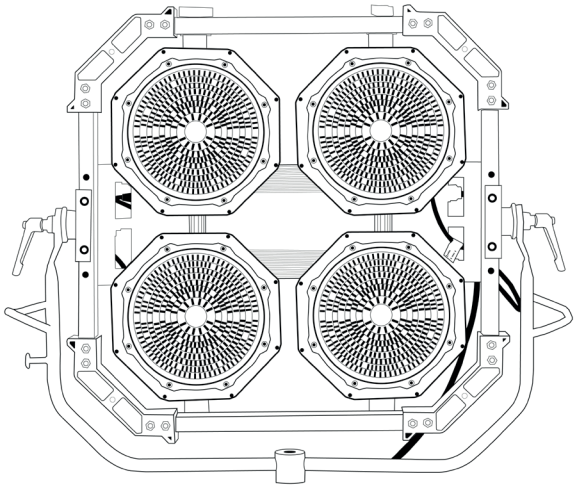
LUXED-3 – Technical Information

SKU:	LUXED-3
Description:	Bi-Color LED Spotlight
Power:	540W
Material:	Aluminium casting
Cooling:	Active Cooling
Color Temperature:	2800-6500K
Dimming:	0-100%
CRI:	95
TLCI:	>96
AC Input (indirect):	100-240V AC via power supply (3-Pin XLR)
DC Input:	48V DC (DC-IN 3-Pin XLR socket)
Control:	DMX In- & Output (5-Pin XLR socket) Wireless DMX (LumenRadio)
Frequency:	1-50Hz
IP Class:	IP20
Dimensions:	1048 x 563 x 172 mm
Weight:	11‘500g



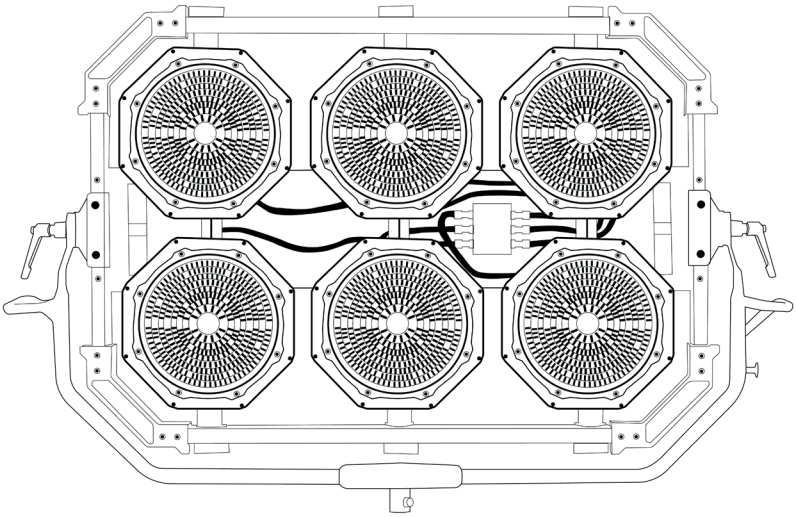
LUXED-4 – Technical Information

SKU:	LUXED-4
Description:	Bi-Color LED Spotlight
Power:	720W
Material:	Aluminium casting
Cooling:	Active Cooling
Color Temperature:	2800-6500K
Dimming:	0-100%
CRI:	95
TLCI:	>96
AC Input (indirect):	100-240V AC via PowerCon
DC Input:	48V DC (DC-IN 3-Pin XLR socket)
Control:	DMX In- & Output (5-Pin XLR socket) Wireless DMX (LumenRadio)
Frequency:	1-50Hz
IP Class:	IP20
Dimensions:	945 x 910 x 216mm
Weight:	24‘000g



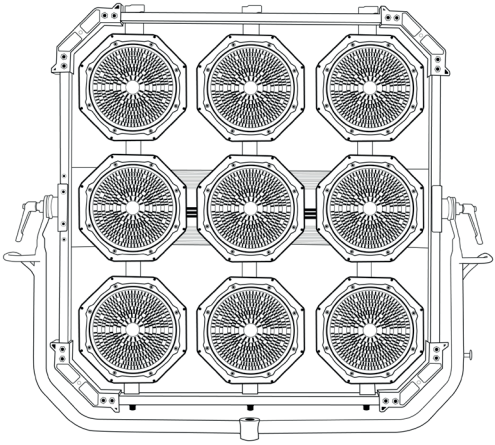
LUXED-6 – Technical Information

SKU:	LUXED-6
Description:	Bi-Color LED Spotlight
Power:	1080W
Material:	Aluminium casting
Cooling:	Active Cooling
Color Temperature:	2800-6500K
Dimming:	0-100%
CRI:	95
TLCI:	>96
AC Input:	100-240V AC via PowerCon
Control:	DMX In- & Output (5-Pin XLR socket) Wireless DMX (LumenRadio)
Frequency:	1-50Hz
IP Class:	IP20
Dimensions:	1048 x 563 x 172 mm
Weight:	33‘000g



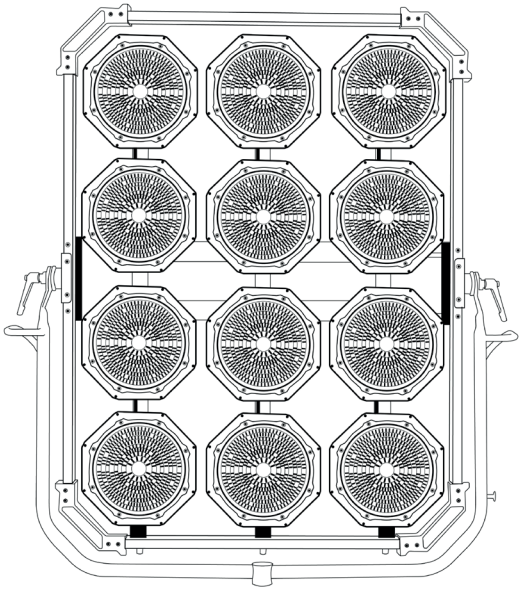
LUXED-9 – Technical Information

SKU:	LUXED-9
Description:	Bi-Color LED Spotlight
Power:	1620W
Material:	Aluminium casting
Cooling:	Active Cooling
Color Temperature:	2800-6500K
Dimming:	0-100%
CRI:	95
TLCI:	>96
AC Input:	100-240V AC PowerCon
Control:	DMX In- & Output (5-Pin XLR socket) Wireless DMX (LumenRadio)
Frequency:	1-50Hz
IP Class:	IP20
Dimensions:	1256 x 1218 x 216mm
Weight:	39‘000g



LUXED-12 – Technical Information

SKU:	LUXED-12
Description:	Bi-Color LED Spotlight
Power:	2160W
Material:	Aluminium casting
Cooling:	Active Cooling
Color Temperature:	2800-6500K
Dimming:	0-100%
CRI:	95
TLCI:	>96
AC Input:	100-240V AC via PowerCon
Control:	DMX In- & Output (5-Pin XLR socket) Wireless DMX (LumenRadio)
Frequency:	1-50Hz
IP Class:	IP20
Dimensions:	1256 x 1526 x 216 mm
Weight:	50‘000g



LUXED-2 to LUXED-12 Introduction

The LUXED Series ar multi-units, adjustable bi-color LED lights. Users can control these fixtures from three different modes via the menu.

WALL MODE: controls the whole fixture
RANK MODE: controls only one rank (column)
SINGLE MODE: controls every single unit

These lights all feature integrated DMX512 protocol as well as Wireless DMX via LumenRadio.

LUXED-2 to LUXED-12 Operational Instructions

There are three parts on the control panel: Operating keys, LCD display and the adjustment knob.

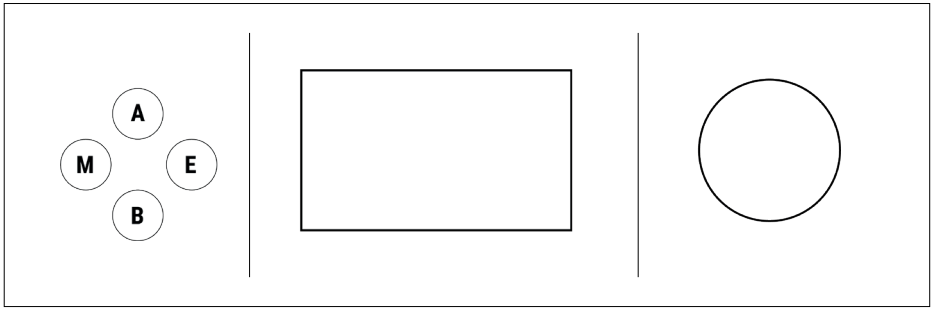


Figure 1 - Control Panel

Operating buttons consist of four keys. Button M is for entering the menu and return to an upper menu level. Button A is to select up click button b is for selecting down, button E is to enter. In Addition, the operating buttons provide a quick link function under the main screen.
Button B: ON / OFF
Button A: Brightness & Color Temperature
Button E: select light mode

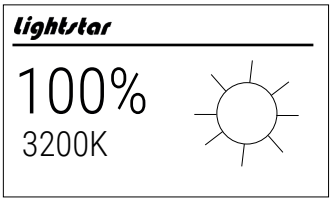


Figure 2 - Brightness Adjustment

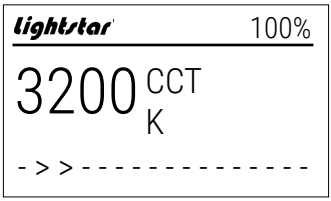


Figure 3 - Temperature Adjustment

Select button M or quick link button E to enter lighting mode selection screen. You can choose between Wall, Rank and individual. On home screen, select quick link button E to enter light mode screen.

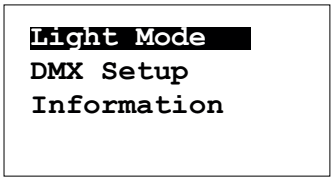


Figure 4 - Menu Screen

Figure 5 - Light Mode Screen

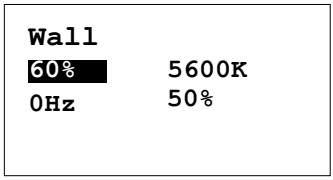


Figure 6 - Wall Mode Screen

On light mode selection screen, select quick link button A or B, to go up or down. Select button E to enter light mode adjustment screen (Figure 5). Here you can change the settings. The same goes with Rank and Individual Mode. There you can change the settings by rotating the adjustment knob clock-/counterclockwise.

DMX Control

There are two kinds of DMX signal control: Wireless DMX and DMX. By default, DMX is selected. There are 5-Pin XLR In- & Outputs on the console for DMX via cable. For wireless DMX, there is an antenna mounted on the side of the ballast.

DMX512 Data Pinout is as followed:

Pin 1 Data Link Common GND
Pin 2 Signal GND
Pin 3 Signal +
Pin 4 not used
Pin 5 not used

On menu screen, select DMX to adjust DMX settings. By turning the adjustment knob, you can select the start address from 1 - 512.

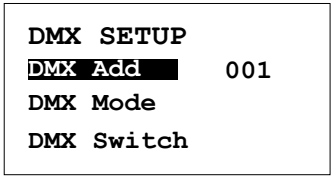


Figure 1 - DMX Setup Screen

Push Button A/B to select the DMX mode. You can choose between Wall, Rank, Individual and Controller.

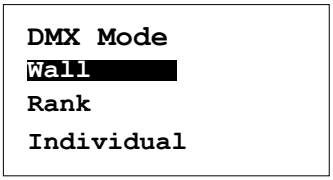


Figure 2 - DMX Mode Screen

Figure 3 - DMX Mode Screen

Select button A/B to select DMX (cable). Select WDMX Switch if using Wireless DMX. Enter by pushing button E.

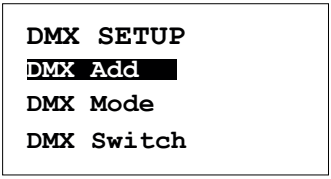


Figure 1 - DMX Setup Screen

When using Wireless DMX, make sure that the WDMX button on the ballast is also in ON position! The WDMX Reset is used to resett/unlink the built-in LumenRadio module.

For DMX Values we put together a chart that can be downloaded from our website. Just go to the „Support“ section and you will find a sheet including all our light fixtures.

Notice and Maintenance

1. LED's operating temperature range must be guaranteed between - 20°C to +40°C. Overheating or undercooling can both reduce the fixtures life span.

2. The product must be placed on a solit, flat and dry surface. The surface temperature should be less than 50°C. Avoid exposure to direct sunlight and operation in an enviroment with high humidity or explosive gas.

3. Do not beat, knock or shake the light violently or it may influence the normal use of the light.

4. Do not cover lamps with paper, cloth or similar materials that could ignite due to high temperature.

5. Put the lamp in a cool and dry place when you do not use it for a long time.
6. Avoid any flammable liquid, water or metal material entering the machine. Cut off the power supply as soon as this happens.

7. Do not use machines in dirty and dusty environments and clean them regularly.

8. The technicians must get professional trainings to install, operate or repair LED's.

9. If any equipment from Lightstar doesn't work properly, please get in contact with a Lightstar special repair department or professional technician. Do not disassemble or reassemble the parts by yourself.

Service Warranty Ordinance

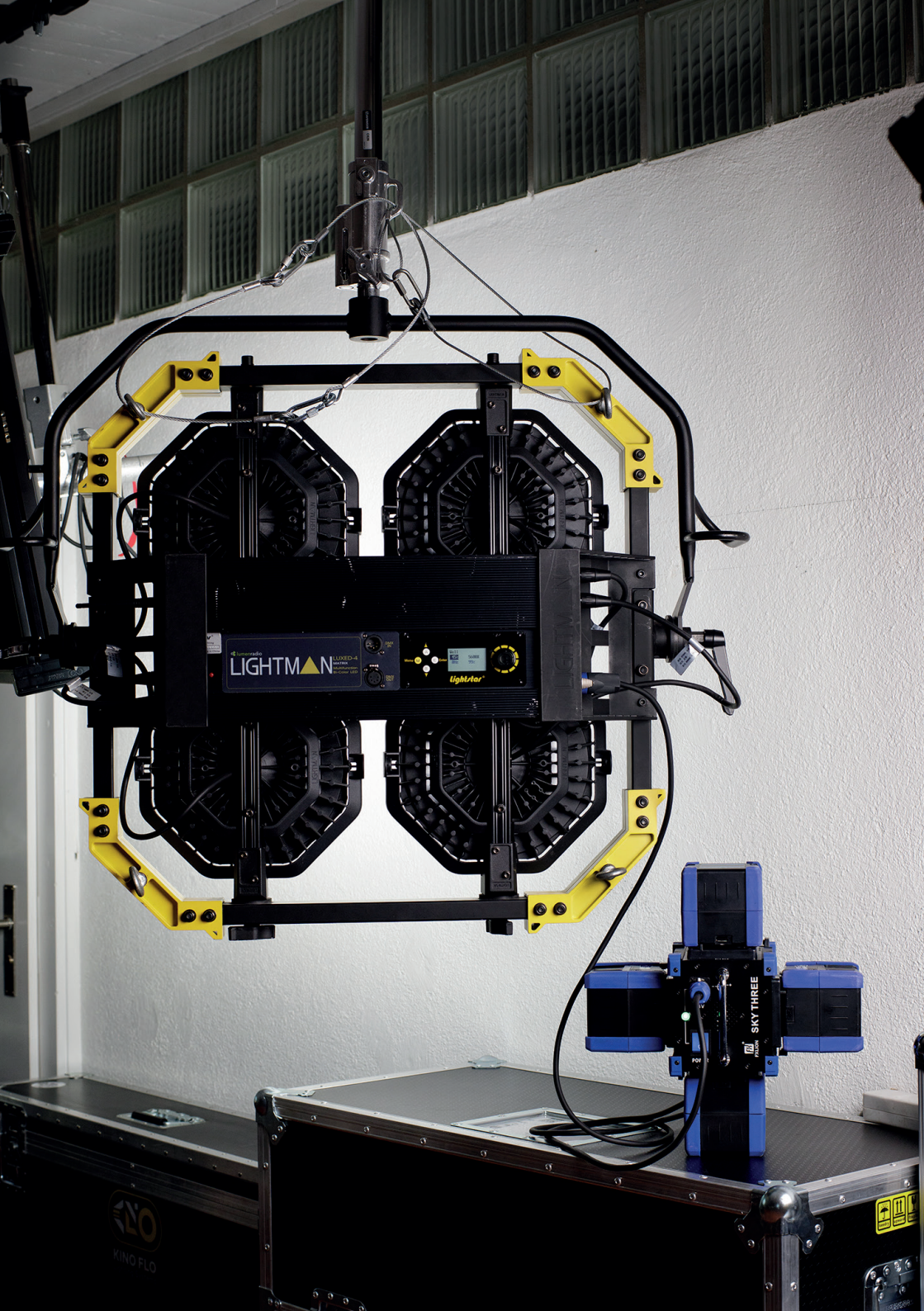
Customers enjoy a one-year free warranty service as of the date of purchasing our product.

1. If the expiry date of the warranty is reached, our product can still be repaired for an according price.

2. In any of the following circumstances, the product is not repaired free of charge, whether the warranty period expires or not.
- Damage caused by misuse or abuse, disassembly and non-original parts replacement.
- Damage caused by natural disasters, unconventional voltage and environmental factors

3. Lightstar will remain in the power of interpretation.

4. Software version modification without further notice.


LIGHTMAN
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