



Cold Light Source

CV-KLQ-LED-11

USER MANUAL



General Information

This high quality product has been designed and developed to require a minimum of maintenance. Please follow the guidelines below and read this manual in its entirety to ensure safe operation of the unit.

Warning

-  Please always disconnect mains plug before cleaning the device.
- For indoor use only.

Safety Information

-  To avoid eye damage, don't look directly into the light source when turned on.
-  Versions with UV light release intensive ultraviolet radiation during operation. A major part of the light is invisible. The beams can damage your health. Protect your eyes and skin during operation.

Important: The evaluation of eye safety occurs according to the standard CIE S009/E:2002 (“photo biological safety of lamps and lamp systems”). Within the risk grouping system of this CIE standard, the LEDs specified in this data sheet fall into the “low risk” group (relating to devices in the visible spectrum with an exposure time of 100 s). Under real circumstances (for exposure time, eye pupils, observation distance), it can be assumed that no endangerment to the eye exists from these devices. As a matter of principle, however, it should be mentioned that intense light sources have a high secondary exposure potential due to their blinding effect. As is also true when viewing other bright light sources (e.g. headlights), temporary reduction in visual acuity and afterimages can occur, leading to irritation, annoyance, visual impairment, and even accidents, depending on the situation.

Package Contents

Cold Light Source LED11	1
Power Cord	1



Function and Operation

Technical Data

Luminous flux (light guide 1 m × Ø 9 mm)	approx. 1.600 lm
Color temperature	6.900 K
Color rendering index (CRI)	≥ 75
LED life span	50.000 h (L70, according to manufacturer)
Light guide access	15 mm (Standard)
Risk group	2
Power consumption	approx. 110 W
Operating voltage	100 - 240 V AC, 50/60 Hz
Protection class	I
IP code	IP20
Dimensions (l × w × h)	273 mm × 200 mm × 116 mm
Material	anodized aluminium
Color	black and silver
Weight	approx. 2,3 kg

Getting Started

The LED lamp is a plug & play device very easy to use.

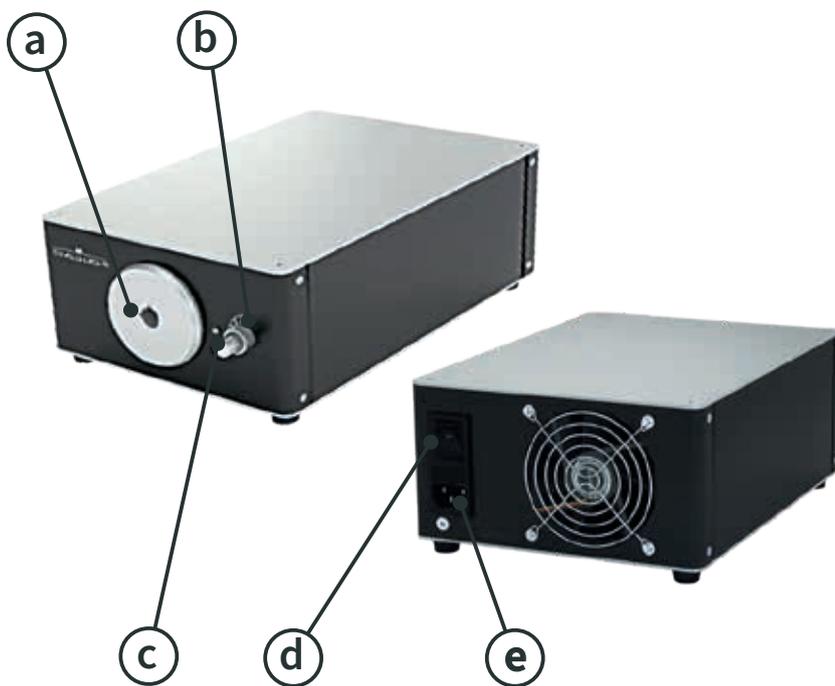
Please check before use whether...

...the power cord is connected.

...the device is switched on (the yellow LED light glows).

...the brightness is set to the desired value.

Description of Buttons and Switches



- a) **Light Guide Access**
Connection of the light guide with a standard diameter of 15mm
- b) **On/Off Switch and Brightness Control**
For the adjustment of the light (standby until 100%)
- c) **Operation Indicator**
Yellow LED lights when the device is turned on
- d) **Main Switch**
- e) **Connector for Power Cord**



Technical Assistance

Troubleshooting

The information in the table below can help to resolve the possible operating problems quickly.

Problem	Causes	Solution
No function at the device	No network connection	Please check whether the power adaptor is connected.
	Electronic defective	Please contact your distributor.
	LED defective	Please contact your distributor.
LED gets dark	Thermal overload of the system	Please ensure an ambient temperature from 5° to 35°C.
	LED life span exceeded	Please contact your distributor.

Storage, Maintenance, Repair

The device is maintenance-free. Some points, however, you should take into consideration.

1. Please unplug the device before cleaning.
2. For the cleaning of the housing please use a smooth, semi-wet cloth, if necessary with a smooth household cleaning fluid.
3. No moisture should entering into the housing interior.
4. To avoid damages during storage or transport please retain the packaging.

Repairs are only allowed by trained and experienced personnel. In case of improper handling the warranty expires.

Warranty

Kitotec GmbH warrants that this product will be free from defects in material and workmanship for a period of two (2) years from date of purchase. If a defect is present, Kitotec GmbH will, at its option, repair, replace, or refund the purchase price of this product at no charge to you. Precondition is the device is returned during the warranty period. This warranty does not apply if the product has been damaged by accident, abuse, or misapplication, or from ordinary wear and tear.

For your protection, items being returned must be insured against possible damage or loss. This warranty shall be limited to the replacement of defective products.

It is expressly agreed that this warranty will be in lieu of all warranties of fitness and in lieu of the warranty of merchantability.

Equipment Disposal



This equipment is marked with the crossed out wheeled bin symbol to indicate that this equipment must not be disposed of with unsorted waste. Instead, it's your responsibility to correctly dispose of your equipment at lifecycle end by handling it over to an authorized facility for separate collection and recycling. It's also your responsibility to decontaminate the equipment in case of biological, chemical and/or radiological contamination, so as to protect from health hazards the persons involved in the disposal and recycling of the equipment.



For more information about where you can drop off your waste of equipment, please contact your local dealer from whom you originally purchased this equipment.

By doing so, you will help to conserve natural and environmental resources and you will ensure that your equipment is recycled in a manner that protects human health.

Thank you



EG Konformitätserklärung EC Declaration of Conformity

Kaltlichtquelle Cold Light Source

Art.-Nr. • Art.No.

CV-KLQ-LED-11

Betriebsspannung • Operating voltage

100 - 240 V AC, 50/60 Hz

Die bezeichneten Produkte stimmen mit den Vorschriften der folgenden europäischen Richtlinien überein:
The above mentioned products comply with the following European directives:

2001/95/EG des Europäischen Parlaments und des Rates vom 3.12.2001

2001/95/EC of the European Parliament and the Council of 12/03/2001

Richtlinie

Guideline

2014/30/EU vom • of 2014-02-26 (EMV-Richtlinie)

2014/35/EU vom • of 2014-02-26 (Niederspannungsrichtlinie NSR / LVD)

2011/65/EU vom • of 2011-01-03 (RoHS 2)

Die Übereinstimmung wird durch die Einhaltung folgender Normen nachgewiesen:

The conformity is proven by the compliance with the following standards:

EN 55015: 2000 + A1; 2001 + A2; 2002

EN 60598-2-6 / A1: 1997

EN 60598-1: 2000 + A11; 2000

EN 61000-3-2: 2000

EN 60598-2-4: 1997

EN 61547: 1995 + A1; 2000

Jahr der CE-Kennzeichnung • Year of the CE declaration: 2019

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