

RobLight



XPO X-LED vertical

User manual
item nr: 12070110, 12070120

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Product overview/unboxing

- (1) XPO X-LED Vertical
- (2) User manual



Installation instructions

Follow the installation instructions to ensure

- Safe operation
- Full functionality
- Stated expected lifetime
- Uninterrupted illumination

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Technical data

General

Material	Aluminium
Dimensions (L x H x W)	Ø26 x Various
Dist. between driver and LED	1.8 m standard, other lengths on request
Weight (total)	Depends on length
Safety	CE, RoHS, WEEE
Topology	Parallel connection

Environmental

Protection rating	IP20
Cooling	Natural convection
Ambient temperature	40°C Max

Driver/electrical

Driver	LED driver constant voltage
Driver size (L x H x W)	130 x 21 x 68 mm
Supply voltage (mains)	100-240V 50-60 Hz
Driver expected lifetime	>50000h
Dimmer systems applicable	1-10V, PUSH (mains)
Fixture voltage	24 V DC
Total power consumption	15 W

Light source

Applied LED	Xicato
LED expected lifetime	>50000h @ Ta=25°C
Typical CCT	3000K, other CCT on request
Typical Ra (CRI ₁₋₈)	98

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Installation instructions



Connect driver and main power (100-240V)

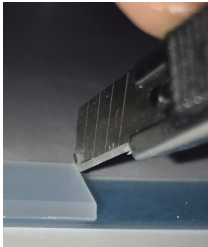
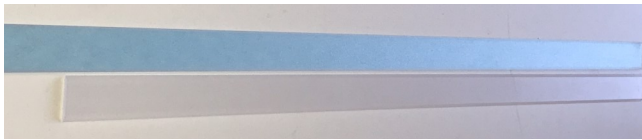


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Cover change









Remove the end piece and the small screw, pull out the glass.
Customize the new glass, from the old.



Cut the back of the glass
and break it with your
fingers.

Re-assemble the light
source with the new
glass .

Accessories / Spare part

	Part name	Description	Item no.
	Parallel splitter	2 x TE AMP	1108 0022
	Parallel splitter	4 x TE AMP	1108 0024
	Wire Harness	Wire harness for XPO X-LED Extension 3m	8000 0636
	Driver 15W	For XPO X-LED up to 2m	1148 0022
	Driver	For XPO X-LED from 2-	
	Cover 2m	XPO X-LED 53 transmission XPO X-LED 80 transmission XPO X-LED 93 transmission	4200 0013 4200 0015 4200 0016

Maintenance, spare parts and repairs

The effectiveness of the active cooling device is greatly diminished if the cooling fins and the air intake is blocked or polluted with dust. This will reduce the expected lifetime of the product.

The dust must be removed on a regular basis. Interval depending on the environment.

A fine brush, vacuum cleaning or light compressed air can be used for the cleaning.

This light source is not supposed to be otherwise serviced, if used as recommended.

The fan can be replaced using standard tools. A replacement kit with guide is available.

If the product is not performing as specified, use the troubleshooting guide. If you need further assistance, please contact RobLight.

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Application notes

The light generator is an electronic device and must be handled accordingly. The different components will have different factors influencing the practical lifetime. The most important factor for this system is the condition of the surrounding air (temperature and cleanliness). The data we have stated about or and the expected lifetime of the key components, are at the temperatures that the suppliers have performed during their standardized tests in clean environments.

The light generator is designed to run at max ambient temperature, but the longest usable operation is achieved with lower temperatures.

Although there is thermal protection built into this device, it is only a safety device and should not be used as a measurement device to test if the light generator is running at a tolerable surrounding temperature.

The polyconnector is the most stressed part of this system. Care should be taken to ensure that the fibre ends are 100% clean and free from dust and grease (fingerprint will do damage.). See www.rob-light.com for recommendations to clean fibre ends.

Running the light generator at too high temperatures will not only risk damage to the light source but also to the fibre harness.

KEEP COOL

CLEAN AIR

Troubleshooting

Problem	Trace the problem	Solution
No light	Check the power	Connect the power cord properly and turn on the device
	Check the wiring	Unplug the main. Check connectors on the connections tree is attached to a product or a jumper. Turn on the power
	Check the dimming	Unplug the main. Unplug the dimmer system from the driver. Turn on the power
Light output has diminished	Check if the light has been dimmed via a dimmer?	Increase brightness to the normal level
	Check the operating conditions of the light engine	If the light engine has been running at elevated temperatures for an extended time, a decrease in the output will be observed

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