

# FOXTECH L100 LED Light

User Manual

V1.0 2023.03



**FOXTECH**

# Description

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# Product Profile

## Introduction

L100 UAV LED Light is made up of 20 CREE LED bulbs, featuring real-time temperature control, ultra-bright 10000lm with relatively low power consumption, 20-60V DC wide voltage input.

Strapped to UAVs including multirotor, fixed-wing, or autonomous car, it can be used for night lighting in night search and road patrols.

Paired with FOXTECH T3500 Plus Tethered Power System, L100 makes a perfectly enduring night light for rescue and relief operation.

The highlights of L100 is its real-time temperature control. The protection mechanism is activated after reaching 60°C when the output power starts to reduce until 85°C, at which it cuts off power supply by itself to avoid burning the bulb.

## Specifications

Version	L100
Weight	200 g (Excluding the strap)
Size	200*35*25 mm
Power	80 W
Input Voltage	20~60 V DC
Current	1.3 A~4 A
Temperature Protection	60°C (60°C~79°C lower power, >85°C stops working)
Connecting Method	Plug And Play
LED Bulb	CREE
Luminous Flux	10000 lm
Strap Length	120 mm (Max arm diameter $\leq$ 40 mm, otherwise it will break)

# Wiring

