TP-A100 Drone LED Lighting Strip



1. Project Overview

We offer the TP-A100 LED lighting strip for tethered aerial lighting on third-party drone platforms. Its aluminum-alloy housing has cooling fins, and it supports remote on/off control and quick-release strap mounting. Intended applications include night search and rescue, event lighting, power-line inspection, flood response and lighting at disaster sites.



Product Parameters

1	Dimensions	198 mm × 34 mm × 22 mm (length × width × height)
2	Weight per lamp	175 g
	Housing material	Aluminum alloy with cooling fins
3	Power	90 W
4	Light source	LED
5	Input voltage	20–72 VDC
6	Luminous flux	10000 lm
7	Mounting method	Quick-release straps secured to the drone arm
8	Mounting arm diameter	20–45 mm

TP-A100 Lighting Product Images







Applications

TP-A100 is a drone lighting accessory. The images show individual lamps and multi-lamp arrangements; an illustrated lamp count does not define an order quantity or a complete aircraft system. Contact us with your drone, required lamp quantity and power arrangement.

Emergency and rescue lighting: overhead supplemental lighting for nighttime search and rescue, fire-response planning and work at disaster sites.

Power-line inspection: supplemental lighting for nighttime inspection and repair of transmission towers, overhead cables and substations.

Events and temporary work: overhead supplemental lighting for outdoor gatherings, sporting events, entrances and site monitoring.

Flood and geological-hazard surveys: nighttime supplemental lighting for dike patrols and surveys of landslides, debris flows and collapse areas.