



Gimbal Searchlight GL60 Plus

Ultra bright with 4 sets of optical imaging lenses

GL60 Plus Gimbal Searchlight has 4 groups of optical imaging components, each group consists of 4 lenses, which apply to emit a sharp pillar of light at an angle of only 15 degrees, with brightness and color consistency. The illumination value of 100m spot center is up to 24lux at 120w. At 150m illumination height, the effective illumination area is up to 1225 square meters, which greatly elevates the aerial illumination effect of drone night operation. The overall ultra-lightweight design of GL60 Plus, weighs only 750 grams, and the rated power is up to 120W. The DJISkyPortV2.0 interface makes it compatible with DJI M300/350RTK, and other series of drones, which can meet the needs of law enforcement, firefight, search and rescue night ops and power grid line check patrol, and other enterprise night operations.



Product Advantages

0.7
kg

Lightweight design

1225
m²

Large area lighting

13400
lm

Maximum luminous flux

60-120W

Strong light Strobe

LED linear dimming

- High power LED light source
- maximum power 120W
- 100m ground illumination 24lux
- Linear light adjustment
- Shooting license plate is not exposed

No reflector design

- No reflector sub-light spot
- Reduced effective brightness loss
- With strong light strobe mode
- Silent repulsion and orientation indication

Imaging optical technology

- 4 sets of optical imaging lenses
- 1 set of 4 lenses
- 15-degree luminous angle

Ultra-lightweight design

- Fully sealed body
- 0.7kg ultra-light weight
- Flexible use and longer hover time

Technical Parameters

Model	GL60 Plus					
Electrical interface	DJI SkyPort V2.0					
Weight	750g					
Dimensions	126*131*167mm					
FOV	15°					
Supply voltage	PSDK 17V+OSDK 24V			PSDK 17V		
Total power	128W			68W		
LED power	120W			60W		
Luminous flux	13400lm±3%			8000lm±3%		
Luminous efficacy	111.67lm/W			133.33lm/W		
Illumination distance	50m	100m	150m	50m	100m	150m
Spot diameter	13.2m	26.4m	39.5m	13.2m	26.4m	39.5m
Illumination area	136m ²	544m ²	1225m ²	136m ²	544m ²	1225m ²
Central illuminance	85Lux	24Lux	11Lux	45Lux	12Lux	6Lux
Function Mode	Normally on		120W	60W		
	Sharp flash		120W	60W		
	Adjusting the gimbal angle					
	Following automatically					
	Adjusting brightness					
Range of rotation of the gimbal	Pitch		-99°~+23°			
	Horizontal		±99°			
Design range of the gimbal	Pitch		-100°~+24°			
	Horizontal		±100°			
	Roll		-90°~+60°			
Operating temperature	-20°C~+50°C					