

Green Laser Torch

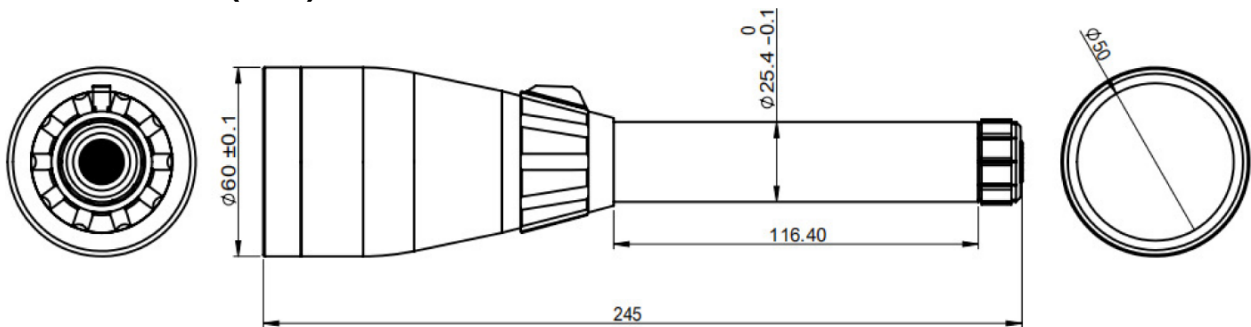
Features

- Compact, Adjustable Searchlight
- Effective Distance >1km ⁽¹⁾
- Waterproof & Dustproof (IP65)
- Wide Temperature Range
- Fast Rise Time
- High Reliability

⁽¹⁾ at night



Dimensions (mm)



Specifications					
Model Number		Green Laser Torch			
Mechanical Specifications		Specs			Conditions
		Min	Typ	Max	
Dimensions	Diameter Head (mm)	59.9	60.0	60.1	
	Diameter Barrel (mm)	25.3	-	25.4	
	Length (mm)	243	245	247	
	Weight (g)	-	410	-	
Body		6061 Aircraft-Grade Aluminium			
Surface Finish		MIL-Spec Type III hard black anodized			
Optical Specifications					
Wavelength (nm)		530	532	534	
Output Power (mW) at -30°C to +50°C		10	-	40	Laser Class 2M
Output Power Mode		CW			
Beam Divergence (mrad) (adjustable)		1	-	240	full angle, 1/e ²
Beam Size at exit (mm)		-	48	-	
Beam Size at 10m (mm)		40	-	2400	
Electrical Specifications					
Power Supply		2 x CR123A			
Battery Lifetime (minutes)		200	300	-	
Housing Isolation		Yes			
Tail Switch		On / Off Button			
Reliability					
Operating Case Temperature Range (°C)		-30	-	50	
Rise Time (seconds)		-	0.2	0.5	to 75% of full power
Storage Temperature (°C)		-40	-	60	
Environmental Humidity (RH, %)		5	-	85	
Lifetime (hours)		5000	-	-	MTTF at 25 °C
RoHS Compliance Declaration		Yes			
Ingress Protection Rating		IP65			
Warranty		1 year			