

Yato | Code YT-085144 | Sku 10085144

Rechargeable Inspection Penlight 500 lm



Overview

A compact, functional inspection flashlight designed for work in hard-to-reach places and limited spaces. It is ideal for mechanical repairs, installation work, and home service. The narrow body allows for comfortable one-handed operation, and the pocket clip enables it to be carried like a pen, ensuring the flashlight takes up no space in the toolbox and is ready for use at any moment.

Key Technical Specifications

Type	POWER LED
Zoom	yes
Power	5 W
Switch	yes
Weight	62 g
Material	aluminum
Cell type	2 × 1.5 V AAA
Dimensions	158 × Ø18 mm
Lens color	transparent
Battery type	Li-Ion
Charger type	USB / USB Type-C
LED lifespan	30000 h
Power supply	rechargeable / battery
Charging time	3 h
Lens material	PVC
Luminous flux	500 (high mode), 280 (medium mode), 70 (low mode) lm
Working range	100 (high mode), 70 (medium mode), 30 (low mode) m
Lighting modes	3: high, medium, low
Operating time	2 (high mode), 3.5 (medium mode), 6.5 (low mode) h

Battery voltage	3.7 V DC
Drop resistance	1 m
Battery capacity	750 mAh
Charger included	no
Color temperature	8000–9000 K
Protection rating	IPX4
Charge level indicator	yes
Color rendering index (CRI Ra)	70

Key Points

- Light source: 5 W POWER LED with 3 lighting modes – high (500 lm), medium (280 lm), low (70 lm)
- Beam range: up to 100 m (high), 70 m (medium), 30 m (low)
- Color temperature approx. 8000–9000 K for clear, contrasting illumination of details
- LED lifespan: 30,000 h
- Built-in Li-Ion battery 750 mAh / 3.7 V; also supports 2x AAA 1.5 V batteries
- Operating time: 2 h (high), 3.5 h (medium), 6.5 h (low); charges via USB Type-C in approx. 3 h
- Zoom function – smooth focus adjustment from wide working light to spotlight
- Drop resistance from 1 m; protection rating IPX4
- Color rendering index: 70 CRI
- Aluminum construction for better heat dissipation; compact body (Ø18 × 158 mm); weight: 61.7 g
- Durable pocket clip for pen-style carrying; battery charge level indicator included