



PHANTOM

**4x60 MD Gen3 Unfilmed
64lp L3 Night Vision
Riflescope**

PL76079T

- L3 MX-10160 Image intensifier tube, 64-72lp, auto-gated
- Unfilmed IIT increases photosensitivity (brightness) and resolution
- Ultra durable housing (composite and duraluminum D16)
- Large 60mm objective lens
- High magnification
- Internal focusing knob for easy operation
- Uses one AA battery or one CR123A battery
- Environmentally protected from dust and rain, IP66
- Modular IR illuminator



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INCLUDED

- Cleaning cloth
- Carrying case
- Remote control
- User manual
- Warrantanty card
- Tube datasheet
- Modular IR illuminator
- Weaver rail for digital camera adapter

RELATED PRODUCTS

- PL79071 Pulsar-805 IR Flashlight
- PL79073 Pulsar L-808 Laser IR Flashlight
- PL79103 Pulsar 60mm Weather Guard
- PL79097 NV60 1.7x Lens Converter

FEATURES

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Technical specifications

Image Intensifier Tube

Generation	3
Vendor/ Tube type	L3 MX-10160
Useful photocathode diameter, mm	18mm
Photocathode type	GaAs
Integral photocathode sensitivity	1800
Signal to noise ratio, value, not less than / typical value	24.1 (min)
Resolution, lines per mm	64-72
Gate type	Auto-Gated
Film Type	Unfilmed
Phosphor	P43

Optical Characteristics

Magnification	4
Lens diameter, mm	60
Lens focus, mm	101.5
Relative aperture	1:1.69
Field of view °	9
Field of view, m@100m	15.7
Minimum focusing distance, m	8
Eye relief, mm	50
Exit pupil, mm	7
Diopter adjustment, dptr.	±3.5
Focusing type of distance	internal

specs continued on next page...

IR-Illuminator Specification

IR wavelength, nm	805
Equivalent IR power, mW	100

Range of Observation

Range of detection, m (object 1.7m high, illuminatin level 0.05 lux ("1/4 moon"))	850
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Power Supply

Power supply, V	1.5/3
Battery type	1xAA / 1xCR123
Battery life (with IR), hour	5/8
Battery life (w/o IR), hour	15/24

Using on Weapon

Reticle type	Mil-Dot, red/green
Windage & elevation, 1 click, mm / 100mm or MOA	13.5 or 1/2 MOA
Mounting brackets	Weaver

Physical & Operational Characteristics

Lens material	Glass
Body material	Glass filled nylon composite and duraluminum
Type of accessory mounting rails	Weaver
Operating temp, °C/°F	- 30 ... + 40 / -22...104
Level of protection (acc. to IEC 60529)	IP66
Nitrogen purged, yes/no	Yes
Remote control	Yes
Dimensions, mm	320x95x103
Weight, oz	35.2

