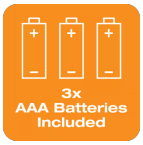
Product datasheet

LEDinspect HEAD TORCH 87 ESSENTIAL

Inspection lights

87 Lumen
A high-performance LED head torch delivering 87 lumens of bright, reliable light



Batteries Included
Supplied with 3 × AAA batteries for up to 8 hours of operation

90° Rotation
Easily adjusts through 90° for precise directional lighting and projects a beam up to 57 m

2 Year OSRAM Guarantee*
Systematic quality assurance measures underpin the premium workmanship and functionality of our products. Innovative technology and excellent quality really pay dividends for our customers

Light is versatile

The OSRAM LEDinspect HEAD TORCH 87 ESSENTIAL High Performance Headlamp provides reliable illumination for both work and leisure in dark environments. A bright white LED delivers up to 87 lumens of light output, while the integrated red flashing LED offers added safety in emergency situations.

Designed for practicality, the headlamp features an adjustable 90° angle for directional lighting and projects a beam distance of up to 57 metres. With an operating time of up to 8 hours, it ensures long-lasting performance whenever it's needed.

Lightweight and comfortable to wear, the headlamp is supplied with 3 × AAA batteries so it's ready to use straight from the pack.

© 2026, OSRAM GmbH. All rights reserved.

Product datasheet

Technical data

Product information

Application (Category and Product specific)	LED inspection lights

General Product Information

Global order reference	LEDIL433ESN

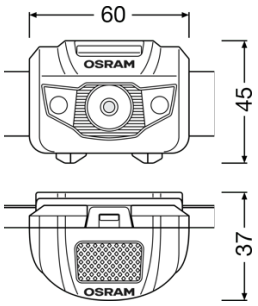
Electrical Data

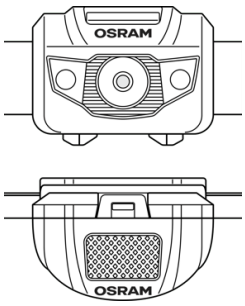
Nominal wattage	1 W
Nominal voltage	1.5 V

Photometric Data

Nominal luminous flux	87 lm
Light color LED	White

Physical Attributes & Dimensions





Product weight	68.00 g
Length	61.0 mm
Width	32.0 mm
Height	45.0 mm

LED module information

Number of LEDs per module	1

Colors & materials

Base color	Black / Orange

Lifetime Data

© 2026, OSRAM GmbH. All rights reserved.

Guarantee	2 years

Additional product data

Type of Battery	AAA
Number of included batteries	3 AAA
Battery	Disposable alkaline

Capabilities

Technology	LED

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Candidate list substance 1	Lead
Safe use instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration no. in SCIP database	In work

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172423991	INSPECTION LAMP	Folding carton box 1	70 mm x 65 mm x 54 mm	0.25 dm^3	85.00 g
4062172424004	INSPECTION LAMP	Shipping carton box 12	220 mm x 155 mm x 140 mm	4.77 dm^3	1150.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Download Data

	File
	User instruction Operating instructions LEDIL433ESN LEDinspect HEAD TORCH 87
	User instruction GPRS_Safety symbols instructions

Legal advice
Application advice:

© 2026, OSRAM GmbH. All rights reserved.

For more detailed application information and graphics please see product datasheet and the user instruction.* for precise conditions please refer to: www.osram.com/am-guarantee

Application advice

For more detailed application information and graphics please see product datasheet.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

© 2026, OSRAM GmbH. All rights reserved.