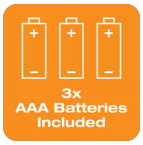
Product family datasheet

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 family datasheet

Technical data

	Product information	General Product Information	Electrical Data	
Product description	**Application (Category and Product specific)**	**Global order reference**	**Nominal wattage**	**Nominal voltage**
INSPECTION LAMP	LED inspection lights	LEDIL433ESN	1 W	1.5 V

	Photometric Data		Physical Attributes & Dimensions	
Product description	**Nominal luminous flux**	**Light color LED**	**Product weight**	**Length**
INSPECTION LAMP	87 lm	White	68.00 g	61.0 mm

			LED module information	Colors & materials
Product description	**Width**	**Height**	**Number of LEDs per module**	**Base color**
INSPECTION LAMP	32.0 mm	45.0 mm	1	Black / Orange

	Lifetime Data	Additional product data		Capabilities
Product description	**Guarantee**	**Type of Battery**	**Number of included batteries**	**Technology**
INSPECTION LAMP	2 years	AAA	3 AAA	LED

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

© 2026, OSRAM GmbH. All rights reserved.

Product family datasheet

Download Data

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

Legal advice
Application advice:

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.