Product datasheet

LEDinspect FLOODLIGHT 600 ESSENTIAL

Inspection lights

600 Lumen
Delivers 600 lumens for maximum brightness or 300 lumens to extend battery life

Rechargeable
Cordless and rechargeable via USB-C

USB Powerbank
Integrated power bank function

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 FLOODLIGHT 600 ESSENTIAL is a compact, rechargeable work light designed with professionals in mind. Delivering up to 600 lumens of bright, even illumination, it provides valuable extra light for workshops, garages, or on-site tasks.

With two light settings, the lamp can be adjusted to suit the job with 600 lumens for maximum brightness or 300 lumens to extend battery life. On the lower setting, the FLOODLIGHT 600 ESSENTIAL offers an operating time of up to 6.5 hours from a single charge.

Practical and portable, its lightweight design makes it easy to reposition where light is needed. while the integrated power bank function allows mobile devices to be charged during use. Rechargeable via USB-C and equipped with charging indicators, this work light combines performance, convenience, and durability.

Additionally, is has an integrated power bank for charging other devices.

© 2026, OSRAM GmbH. All rights reserved.

Technical data

Product information

Application (Category and Product specific)	LED inspection lights

General Product Information

Global order reference	LEDIL434ESN

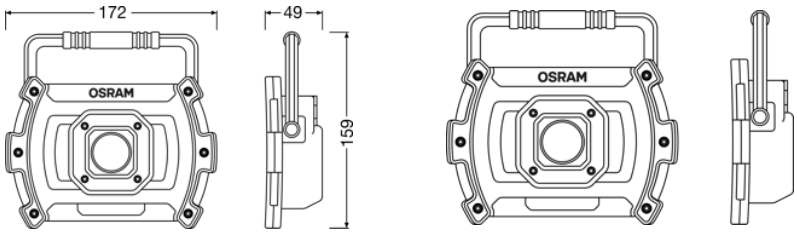
Electrical Data

Nominal wattage	5 W
Nominal voltage	3.7 V

Photometric Data

Nominal luminous flux	600 lm
Light color LED	White

Physical Attributes & Dimensions



Product weight	348.00 g
Length	173.0 mm
Width	49.0 mm
Height	125.0 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	Rechargeable
Number of included batteries	1
Battery	High-quality lithium-ion battery

Capabilities

Technology	LED

Logistical data

Watt hour per battery	8.14

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
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
4062172424011	INSPECTION LAMP	Folding carton box 1	190 mm x 60 mm x 135 mm	1.54 dm^3	425.00 g
4062172424028	INSPECTION LAMP	Shipping carton box 6	340 mm x 175 mm x 200 mm	11.90 dm^3	3050.00 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 LEDIL434ESN LEDinspect FLOODLIGHT 600
	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.