Product datasheet

LEDriving SL C5W 6413 WHITE

Ideal replacement for any vehicle

Suitable for various vehicle exterior applications
Available in Cool White

Replaces conventional C5W lamps
Easy upgrade to LED technology with plug & play solutions

Reliable OSRAM quality stands for less lamp replacements
4-year OSRAM guarantee (refer to www.osram.com/am-guarantee for precise conditions)

Suitable LED replacement for C5W

LEDriving SL C5W replacement lamps offer a modern and intense light with a color temperature up to 6,000 Kelvin. These replacement lamps are suitable for all conventional C5W lamp bases. In comparison to standard lamps, these LED retrofit lamps use up to 80% less energy. OSRAM offers a 4 year guarantee for these LEDriving SL lamps. These products do not have ECE approval and must not be used on public roads in any exterior application. Public roads use leads to cancellation of operating license and loss of insurance coverage. Several countries forbid sale and use of these products. Please contact your local distributor for further information.

© 2026, OSRAM GmbH. All rights reserved.

Technical data

Product information

Product type (off-road vs. on-road)	Off-road ≙ C5W
Application (Category and Product specific)	Mainly used for number plate/ interior applications

General Product Information

Global order reference	6413DWP-1BL

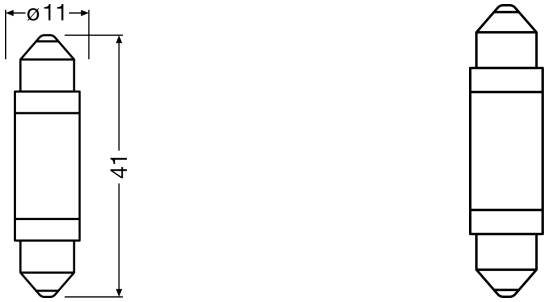
Electrical Data

Power input	0.75 W
Nominal voltage	12 V
Nominal wattage	1 W
Test voltage	13.5 V
Power input tolerance	±25 %

Photometric Data

Nominal luminous flux	70 lm
Luminous flux tolerance	±30 %
Color temperature	6000 K
Light color LED	Cool white

Physical Attributes & Dimensions



Diameter	11.0 mm
Product weight	3.10 g
Length	42.0 mm
Lamp base	SV8.5-8

Lifetime Data

© 2026, OSRAM GmbH. All rights reserved.

Lifespan B3	2500 hr
Lifespan Tc	5000 hr
Guarantee	4 years

Capabilities

Technology	LED

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Primary article identifier	4062172421218
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
4062172421218	LEDriving SL ≙ C5W	Blister 1	95 mm x 17 mm x 135 mm	0.22 dm^3	14.00 g
4062172425865	LEDriving SL ≙ C5W	Shipping carton box 5	142 mm x 104 mm x 104 mm	1.54 dm^3	104.00 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 GPRS_Safety symbols instructions

Safety advice
Canbus compatibleColoured lamps for usage behind coloured glass

Legal advice
These products do not have ECE approval and must not be used on public roads in any exterior application. Public roads use leads to cancellation of operating license and loss of insurance coverage. Several countries forbid sale and use of these products. Please contact your local distributor for further information.

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

© 2026, OSRAM GmbH. All rights reserved.

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

OSRAM

© 2026, OSRAM GmbH. All rights reserved.