

LEDiving SMART CANBUS (OFFROAD)

Accessories for LED retrofit Lamps



Error message free

Bypasses the vehicle's error detection



Robust and resistant

No disturbing flickering in the headlamp



3-year OSRAM Guarantee²⁾

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



Duopack

Two Canbus in one box

Product family datasheet



Convert from halogen to LED with original OSRAM accessories

Some vehicles report a fault in the exterior lighting when LED lamps are used. With the OSRAM LEDDriving Smart Canbus series, potential error messages in the on-board system are avoided. These error messages can occur when converting to LED lamps, as these have a lower current consumption than, for example, halogen lamps and therefore the vehicle's existing fault detection mechanism will be activated. Only the combination of OSRAM LED lamps in conjunction with the official OSRAM accessories - LEDDriving ADAPTER, LEDDriving SMART CANBUS, LEDDriving CAPS and LEDDriving ERROR CANCELER is approved for the operation of our LED lamps. Details, in particular on the combination of OSRAM accessories and the street-legal¹⁾ NIGHT BREAKER LED and TRUCKSTAR LED lamps, can be found on the respective product pages under: NIGHT BREAKER LED Kompatibilitätslisten | Automotive (osram.de) or Automotive | OSRAM Automotive

Product family datasheet

Technical data

Product description	Product information		Electrical data	Lifespan		Capabilities
	Order reference	Application (Category and Product specific)	Nominal wattage	Lifespan B3	Lifespan Tc	Technology
LEDriving Canbus Control LEDSC01	LEDSC01	Accessories for LED retrofits	12.00 W	2500 h	2500 h	LED accessories
LEDriving Canbus Control LEDSC02-1	LEDSC02-1	Accessories for LED retrofits	16.00 W	2500 h	2500 h	LED accessories
LEDriving Canbus Control LEDSC03	LEDSC03	Accessories for LED retrofits	12.00 W	2500 h	2500 h	LED accessories
LEDriving Canbus Control LEDSC03-1	LEDSC03-1	Accessories for LED retrofits	12.00 W	2500 h	2500 h	LED accessories
LEDriving Canbus Control LEDSC04-2HB ¹⁾	LEDSC04-2HB	Accessories for LED retrofits	15.00 W	2500 h	2500 h	LED accessories
LEDriving Canbus Control LEDSC05-2HB ²⁾	LEDSC05-2HB	Accessories for LED retrofits	15.00 W	2500 h	2500 h	LED accessories
LEDriving Canbus Control LEDSC06-2HB ³⁾	LEDSC06-2HB	Accessories for LED retrofits	15.00 W	2500 h	2500 h	LED accessories

Product description	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)			
	Date of Declaration	Primary Article Identifier	Candidate List Substance 1	CAS No. of substance 1
LEDriving Canbus Control LEDSC01	07-03-2024	4062172176439 4062172191234	Lead	7439-92-1
LEDriving Canbus Control LEDSC02-1	07-03-2024	4062172176460 4062172191173	Lead	7439-92-1
LEDriving Canbus Control LEDSC03	07-03-2024	4062172176491 4062172191203	Lead	7439-92-1
LEDriving Canbus Control LEDSC03-1	08-03-2024	4062172278249	No declarable substances contained	
LEDriving Canbus Control LEDSC04-2HB ¹⁾	25-03-2024	4062172400725		
LEDriving Canbus Control LEDSC05-2HB ²⁾	25-03-2024	4062172400756		
LEDriving Canbus Control LEDSC06-2HB ³⁾	25-03-2024	4062172400787		

Product description	Safe Use Instruction	Declaration No. in SCIP database
LEDriving Canbus Control LEDSC01	The identification of the Candidate List substance is sufficient to allow safe use of the article.	3a3de6c9-42c9-4c29-aa1c-7b39300c74bf

Product family datasheet

Product description	Safe Use Instruction	Declaration No. in SCIP database
LEDriving Canbus Control LEDSC02-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	a280f1b6-dc66-420e-a55a-b93b3613f1f7
LEDriving Canbus Control LEDSC03	The identification of the Candidate List substance is sufficient to allow safe use of the article.	b228c675-685f-4439-b56b-d61c0e60da8b
LEDriving Canbus Control LEDSC03-1		No declarable substances contained
LEDriving Canbus Control LEDSC04-2HB ¹⁾		In work
LEDriving Canbus Control LEDSC05-2HB ²⁾		In work
LEDriving Canbus Control LEDSC06-2HB ³⁾		In work







¹⁾ High- and Low Beam, 12V H4 & H19 LED

²⁾ High Beam, Low Beam, Fog Light, 12V, H8-LED, H9-LED, H11-LED, H16 LED Lamps

³⁾ High Beam, Low Beam, Fog Light, 12V, H10-LED, HB3-LED, HB4-LED, H16-LED Lamps

Product family datasheet

Download Data

File	
	User instruction LEDSC03 1 series (EN)
	User instruction LEDSC01 A-Klasse (EN)
	User instruction LEDSC02 1 A4
	User instruction LEDSC03 LEDSC03 1 2 series
	User instruction LEDSC03 3 series (EN)
	User instruction LEDriving SMART CANBUS

Safety advice

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

Legal advice

1) Approved LED light source applies to all vehicle models to specific light functions and further restrictions in the respective country. Must not be used behind red and/or yellow colored glass.

For more details see www.osram.com/nb-led

2) 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.