

# LEDDriving 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 Guarantee<sup>2)</sup>

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 LEDriving 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 - LEDriving ADAPTER, LEDriving SMART CANBUS, LEDriving CAPs and LEDriving ERROR CANCELER is approved for the operation of our LED lamps. Details, in particular on the combination of OSRAM accessories and the street-legal<sup>1)</sup> 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 <sup>1)</sup> | LEDSC04-2HB         | Accessories for LED retrofits               | 15.00 W         | 2500 h      | 2500 h      | LED accessories |
| LEDriving Canbus Control LEDSC05-2HB <sup>2)</sup> | LEDSC05-2HB         | Accessories for LED retrofits               | 15.00 W         | 2500 h      | 2500 h      | LED accessories |
| LEDriving Canbus Control LEDSC06-2HB <sup>3)</sup> | LEDSC06-2HB         | Accessories for LED retrofits               | 15.00 W         | 2500 h      | 2500 h      | LED accessories |

| Product description                                | Environmental information<br>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 <sup>1)</sup> | 25-03-2024                                                                                         | 4062172400725                 |                                    |                        |
| LEDriving Canbus Control LEDSC05-2HB <sup>2)</sup> | 25-03-2024                                                                                         | 4062172400756                 |                                    |                        |
| LEDriving Canbus Control LEDSC06-2HB <sup>3)</sup> | 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 <sup>1)</sup> |                                                                                                    | In work                              |
| LEDriving Canbus Control LEDSC05-2HB <sup>2)</sup> |                                                                                                    | In work                              |
| LEDriving Canbus Control LEDSC06-2HB <sup>3)</sup> |                                                                                                    | In work                              |

<sup>1)</sup> High- and Low Beam, 12V H4 & H19 LED  
<sup>2)</sup> High Beam, Low Beam, Fog Light, 12V, H8-LED, H9-LED, H11-LED, H16 LED Lamps  
<sup>3)</sup> High Beam, Low Beam, Fog Light, 12V, H10-LED, HB3-LED, HB4-LED, H16-LED Lamps

Download Data

| File                                                                              |                                                |
|-----------------------------------------------------------------------------------|------------------------------------------------|
|  | User instruction<br>LEDSC03 1 series (EN)      |
|  | User instruction<br>LEDSC01 A-Klasse (EN)      |
|  | User instruction<br>LEDSC02 1 A4               |
|  | User instruction<br>LEDSC03 LEDSC03 1 2 series |
|  | User instruction<br>LEDSC03 3 series (EN)      |
|  | User instruction<br>LEDDriving 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](http://www.osram.com/nb-led)

2) For precise conditions please refer to: [www.osram.com/am-guarantee](http://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.