

# LEDiving SMART CANBUS

Accessories for LED retrofit lamps



## Error message free

Bypasses the vehicle's error detection



## Robust and resistant

High-quality aluminum housing. Tested and validated with IP protection class IP54.



## 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



## 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 LEDiving 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 - LEDiving ADAPTER, LEDiving SMART CANBUS, LEDiving CAPs and LEDiving 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 information                         | Electrical Data | Lifetime Data |             | Capabilities    |
|--|---|-----------------|---------------|-------------|-----------------|
| Product description                                | Application (Category and Product specific) | Nominal wattage | Lifespan B3   | Lifespan Tc | Technology      |
| LEDriving Canbus Control LEDSC01                   | Accessories for LED retrofits               | 12.00 W         | 2500 hr       | 2500 hr     | LED accessories |
| LEDriving Canbus Control LEDSC02-1                 | Accessories for LED retrofits               | 16.00 W         | 2500 hr       | 2500 hr     | LED accessories |
| LEDriving Canbus Control LEDSC03                   | Accessories for LED retrofits               | 12.00 W         | 2500 hr       | 2500 hr     | LED accessories |
| LEDriving Canbus Control LEDSC03-1                 | Accessories for LED retrofits               | 12.00 W         | 2500 hr       | 2500 hr     | LED accessories |
| LEDriving Canbus Control LEDSC04-2HB <sup>1)</sup> | Accessories for LED retrofits               | 15.00 W         | 2500 hr       | 2500 hr     | LED accessories |
| LEDriving Canbus Control LEDSC06-2HB <sup>2)</sup> | Accessories for LED retrofits               | 15.00 W         | 2500 hr       | 2500 hr     | LED accessories |

|  | Environmental & Regulatory Information<br>Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |                                    |                        |  |
|--|---|------------------------------------|------------------------|--|
| Product description                                | Primary article identifier  | Candidate list substance 1         | CAS No. of substance 1 | Safe use instruction   |
| LEDriving Canbus Control LEDSC01                   | 4062172191234   4062172176439   | Lead                               | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| LEDriving Canbus Control LEDSC02-1                 | 4062172176460   4062172191173   | Lead                               | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| LEDriving Canbus Control LEDSC03                   | 4062172176491   4062172191203   | Lead                               | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| LEDriving Canbus Control LEDSC03-1                 | 4062172278249   | No declarable substances contained |                        |  |
| LEDriving Canbus Control LEDSC04-2HB <sup>1)</sup> | 4062172400725   | Lead                               | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| LEDriving Canbus Control LEDSC06-2HB <sup>2)</sup> | 4062172400787   | Lead                               | 7439-92-1              |  |

Product family datasheet

| Product description                                | Declaration no. in SCIP database   |
|--|--|
| LEDriving Canbus Control LEDSC01                   | 3a3de6c9-42c9-4c29-aa1c-7b39300c74bf   |
| LEDriving Canbus Control LEDSC02-1                 | a280f1b6-dc66-420e-a55a-b93b3613f1f7   |
| LEDriving Canbus Control LEDSC03                   | c150c4e9-3874-41cf-b147-73065ae9487a<br>  b228c675-685f-4439-b56b-d61c0e60da8b |
| LEDriving Canbus Control LEDSC03-1                 | No declarable substances contained   |
| LEDriving Canbus Control LEDSC04-2HB <sup>1)</sup> | 68e55d1b-c2d0-485e-91dc-10665708cd08   |
| LEDriving Canbus Control LEDSC06-2HB <sup>2)</sup> | In work  |

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

# Product family datasheet

## Download Data

| File  |  |
|---|--|
|  | User instruction<br>LEDSC01 Astra                    |
|  | User instruction<br>LEDSC03 1 series (EN)            |
|  | User instruction<br>GPRS_Safety symbols instructions |
|  | 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-led2](http://www.osram.com/nb-led2)) 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.