

OSRAM LEDSC02

OSRAM LEDriving SMART CANBUS User Manual

Model: LEDSC02-1

1. PRODUCT OVERVIEW

The OSRAM LEDriving SMART CANBUS is designed to ensure compatibility for LED upgrades in vehicles. It functions by bypassing the vehicle's defective bulb detection system when an H7 LED retrofit bulb is installed. This control unit facilitates easy installation and is suitable for most vehicles equipped with an automatic defective bulb detection system. An additional benefit of this device is the elimination of flickering in the vehicle's headlights.



Figure 1: OSRAM LEDriving SMART CANBUS module and its retail packaging.

2. KEY FEATURES

- **Compatibility:** Specifically designed for use with OSRAM NIGHT BREAKER H7-LED retrofit lamps.
- **Error-Free Operation:** Prevents the display of error messages on the vehicle's on-board computer that can be triggered by the installation of H7 LED bulbs.



Figure 2: Visual indicator for error-free functionality.

- **Flicker-Free Performance:** Eliminates flickering of H7 LED bulbs caused by vehicle electronics, ensuring a stable and aesthetically pleasing headlight beam. Suitable for 55W LED replacement bulbs.



Figure 3: Visual indicator for flicker-free headlight output.

- **Enhanced Lighting:** Allows users to fully benefit from the superior performance and efficiency of LED retrofit technology compared to traditional halogen lamps.



Figure 4: Example of vehicles utilizing LED headlights for improved night visibility.

3. SETUP AND INSTALLATION

The OSRAM LEDriving SMART CANBUS is designed for straightforward installation. It acts as an intermediary between the vehicle's wiring harness and the H7 LED retrofit bulb.

3.1 Important Considerations

- **Vehicle Compatibility:** The OSRAM NIGHT BREAKER H7-LED and associated accessories are only legally approved for specific vehicle models. Always verify that the product is approved for your vehicle before

installation.

- **Additional Components:** Depending on your vehicle, an OSRAM LEDriving ADAPTER and/or the LEDriving SMART CANBUS may be required in addition to the H7 LED bulbs. Consult OSRAM's official compatibility list or your vehicle's manual.
- **Professional Installation:** If you are unsure about the installation process, it is recommended to seek assistance from a qualified automotive technician.

3.2 General Installation Steps (Consult specific vehicle instructions for details)

1. Ensure the vehicle's ignition is off and the battery is disconnected for safety.
2. Locate the existing H7 bulb in your vehicle's headlight assembly.
3. Remove the traditional H7 bulb.
4. Connect the OSRAM LEDriving SMART CANBUS module between the vehicle's wiring harness and the OSRAM NIGHT BREAKER H7-LED bulb. The module typically has connectors that match the bulb and the vehicle's socket.

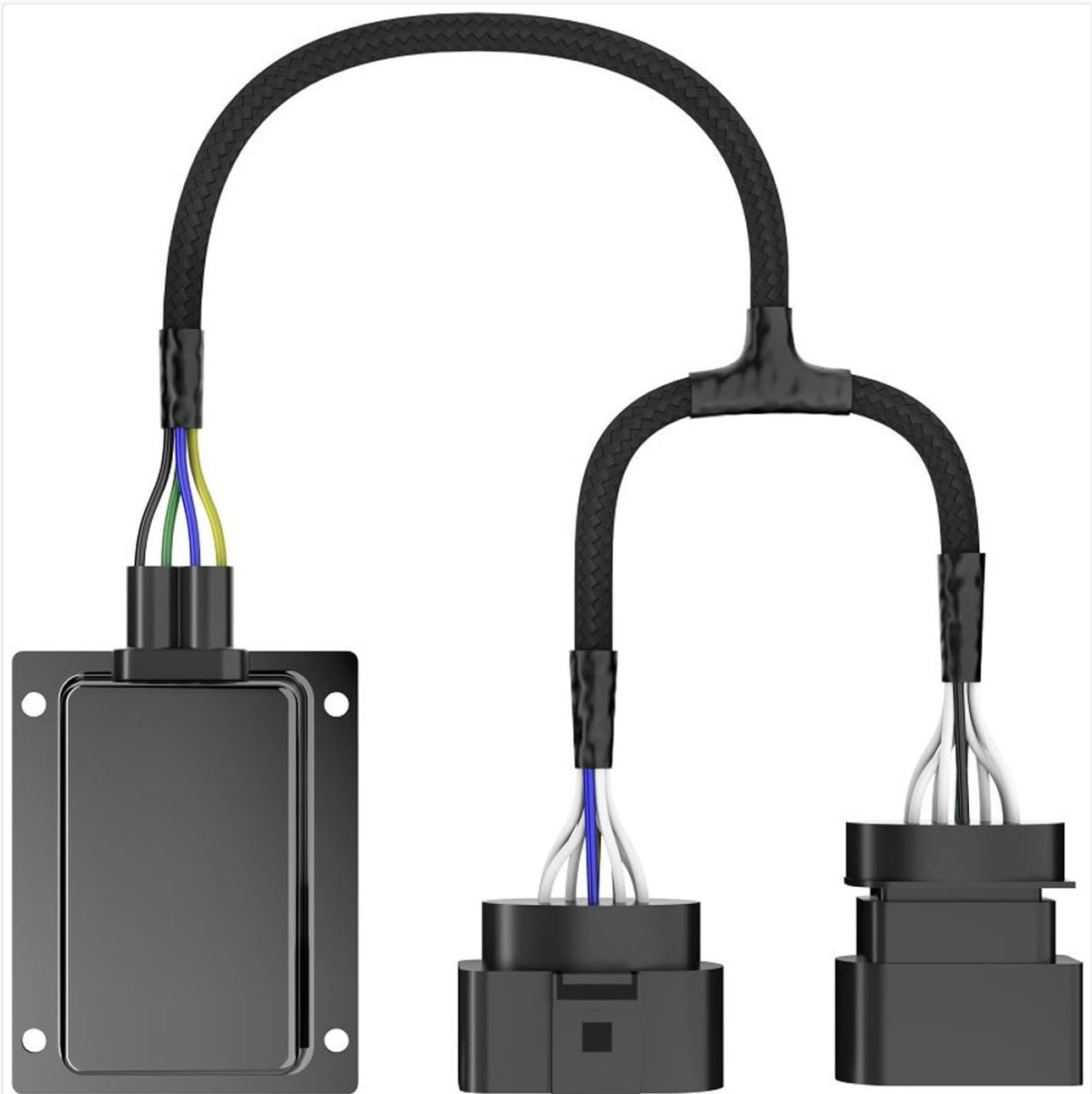


Figure 5: Detailed view of the OSRAM LEDriving SMART CANBUS module and its connection points.

5. Secure the SMART CANBUS module in a safe location within the engine bay, away from excessive heat or moving parts.

6. Reconnect the vehicle battery and test the new LED headlights.

4. OPERATING INSTRUCTIONS

The OSRAM LEDriving SMART CANBUS operates automatically once correctly installed. Its primary function is to manage the electrical signals between the vehicle's system and the LED retrofit bulbs to prevent compatibility issues.

- The module simulates the electrical load of a traditional halogen bulb, preventing the vehicle's on-board computer from detecting a "bulb out" error.
- It stabilizes the power supply to the LED bulbs, eliminating the rapid on-off cycles (flickering) that can occur with some vehicle electrical systems.
- No user interaction is required after installation. The device works passively to ensure optimal performance of your LED headlights.

5. MAINTENANCE

The OSRAM LEDriving SMART CANBUS is a sealed unit designed for maintenance-free operation. No regular servicing or cleaning is required for the module itself.

- Ensure the module and its connections remain securely fastened and free from physical damage.
- Periodically inspect the wiring for any signs of wear, fraying, or corrosion, especially if the vehicle operates in harsh environments.
- Keep the area around the module clean and free of debris to prevent overheating, although the unit is designed to be robust.

6. TROUBLESHOOTING

If you encounter issues after installing the OSRAM LEDriving SMART CANBUS, consider the following troubleshooting steps:

Problem	Possible Cause	Solution
Error message on dashboard (e.g., "bulb out")	Incorrect installation or module not fully compatible with specific vehicle system.	◦ Verify all connections are secure and correctly seated. ◦ Ensure the SMART CANBUS is the correct model for your vehicle and LED bulbs. ◦ Consult OSRAM's compatibility list for your vehicle model. ◦ If issues persist, professional diagnosis may be required.

Problem	Possible Cause	Solution
LED headlights are flickering	Module not functioning correctly or vehicle's electrical system has unusual characteristics.	◦ Check connections for looseness or corrosion. ◦ Ensure the module is rated for the wattage of your LED bulbs (e.g., 55W). ◦ Contact OSRAM customer support for advanced troubleshooting.
Headlights not turning on	Loose connection, faulty bulb, or power supply issue.	◦ Inspect all wiring and connections. ◦ Test the LED bulbs directly if possible to rule out a bulb defect. ◦ Check vehicle fuses related to headlights.

7. SPECIFICATIONS

Attribute	Detail
Manufacturer	OSRAM
Brand	OSRAM
Model	OSRAM LEDriving SMART CANBUS LEDSC02-1
Item Weight	237 g
Product Dimensions (L x W x H)	4.19 x 2.24 x 1.42 cm
Item Model Number	LEDSC02
Manufacturer Part Number	LEDSC02
Bulb Type	LED
Mirror Lighting Type	H7
Voltage	12 Volts
Wattage	16 Watts (for the module, designed for 55W LED replacement bulbs)
Quantity in Package	1
Color	LEDSC02-1
Fit Type	Vehicle Specific Fit

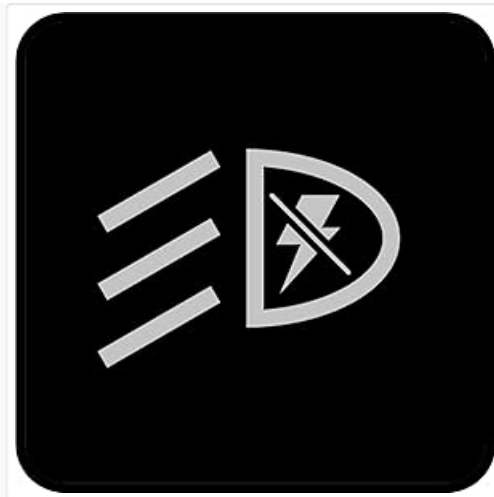


Figure 6: OSRAM LEDriving SMART CANBUS product packaging.

8. WARRANTY AND SUPPORT

OSRAM stands behind the quality of its products. The OSRAM LEDriving SMART CANBUS comes with a comprehensive **3-year warranty** from the date of purchase.

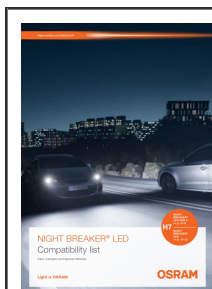


Figure 7: Symbol indicating a 3-year warranty period.

This warranty covers defects in materials and workmanship under normal use. For warranty claims or technical support, please contact OSRAM customer service or visit the official OSRAM website. Keep your proof of purchase for warranty validation.

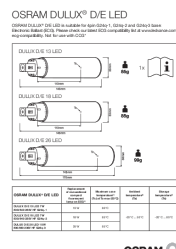
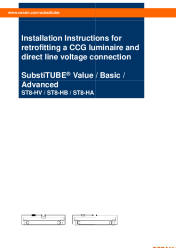
For the most up-to-date information, compatibility lists, and support resources, please refer to the official OSRAM website or contact their customer service department.

Related Documents - LEDSC02



[OSRAM NIGHT BREAKER® LED Compatibility List for Cars, Campers, and Special Vehicles](#)

Comprehensive compatibility list for OSRAM NIGHT BREAKER® LED and NIGHT BREAKER® LED GEN 2 automotive lighting solutions, covering a wide range of car, camper, and special vehicle models. Find the right LED replacement lamps for your vehicle.

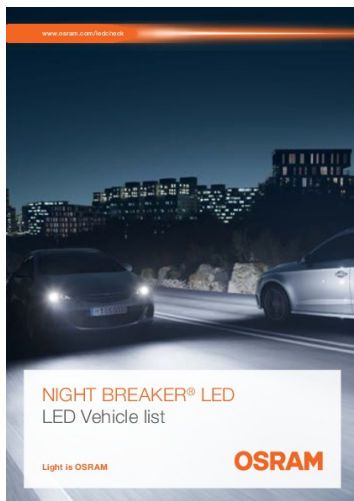
	OSRAM LEDriving SMART CANBUS LEDSC03-1 Installation Guide for BMW 2 Series Detailed installation instructions for the OSRAM LEDriving SMART CANBUS LEDSC03-1 load resistor, specifically for BMW 2 Series F45, F46, F22, F23, and F87 models. Learn how to properly connect and mount the LED load resistor for optimal performance.
	OSRAM LEDriving Adapter 64210DA04 for H7-LED Installation Guide Step-by-step installation guide for the OSRAM LEDriving Adapter 64210DA04, designed for H7-LED headlights. Includes safety precautions and compatibility information.
	OSRAM LEDriving Adapter 64210DA06 for H7-LED Installation Guide Official installation guide for the OSRAM LEDriving Adapter 64210DA06, designed for H7-LED headlights. Includes step-by-step instructions, safety warnings, and contact information.
	OSRAM DULUX® D/E LED Lamp Information Discover the OSRAM DULUX® D/E LED lamp, designed for 4-pin G24q bases with electronic ballasts. This document provides technical specifications, compatibility information, and usage guidelines for various applications.
	OSRAM SubstiTUBE Installation Instructions: CCG Luminaire Retrofitting and Direct Wiring Comprehensive installation guide for OSRAM SubstiTUBE LED lamps, detailing how to retrofit existing CCG luminaires and perform direct line voltage wiring for energy efficiency and performance upgrades.



[pdf]

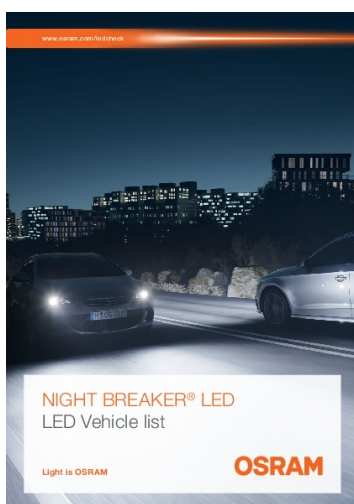
LEDriving SMART CANBUS Osram LEDSC01 A Klasse EN · User instruction LEDSC02 1 A4 LEDSC03 2 series 3 User GPS01 3403097 osram appsj pdc do cid vid PP EUROPE ES eCat lid mpid |||

Hoja de datos gama de productos LEDriving SMART CANBUS Accesorios para Imparas de reemplazo LED __ ... del producto Potencia nominal LEDriving Canbus Control LEDSC01 12.00 W LEDriving Canbus Control **LEDSC02-1** 16.00 W LEDriving Canbus Control LEDSC03 12.00 W LEDriving Canbus Control LEDSC03-1 12.0...
lang:es score:39 filesize: 370.09 K page_count: 5 document date: 0000-00-00



[pdf] Installation Guide Instructions

LED Vehicle list Osram 16 mar 2023 — Twingo 3 2014 7 E8 7032 H4 SEAT Alhambra 2 7N 2010 10
Install headlight cap according to manufacturer s instructions for use LEDriving H7 Fahrzeugliste AT
16032023 dammedia osram info media bin dam 19768917 |||
www.osram.com/ledcheck NIGHT BREAKER LED LED Vehicle list Light is OSRAM
NIGHT BREAKER LED NEW F ... Difficulty: Easy Medium Difficult W5W-LED H7-LED
H7-LED H7-LED H7-LED H7-LED - LEDCAP03 - H7-LED **LEDSC02-1** - Optional 8
H7-LED **LEDSC02-1** - Optional 8 H7-LED **LEDSC02-1** - W5W-LED LEDCBCTRL1...
lang:en score:32 filesize: 1.45 M page_count: 11 document date: 2023-03-16



[pdf] Installation Guide Instructions

NIGHT BREAKER® LED Osram 13 feb 2023 — JEEP Renegade 2014 7 E24 6268 H4 Wrangler TJ 1997
2006 10 Install headlight cap according to manufacturer s instructions for use 20230213 BREAKER H7
VEHICLE LIST AT dammedia osram info media bin dam 19768917 |||
www.osram.com/ledcheck NIGHT BREAKER LED LED Vehicle list Light is OSRAM
NIGHT BREAKER LED Featur ... lation/ Difficulty: Easy Medium Difficult H7-LED H7-
LED H7-LED H7-LED H7-LED - LEDCAP03 - H7-LED **LEDSC02-1** - H7-LED H7-LED
H7-LED H7-LED **LEDSC02-1** Optional 8 **LEDSC02-1** Optional 8 **LEDSC02-1** Opt...
lang:en score:32 filesize: 9.46 M page_count: 9 document date: 2023-01-30

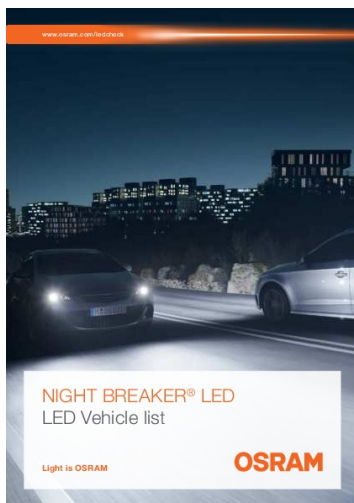


[pdf]

LEDriving SMART CANBUS OFFROAD Osram lipca 11 2025 01 13 24 OSRAM GmbH Wszystkie prawa zastrzeżone Strona 1 z LEDSC03 2 series · User instruction 3 EN User GPS01 3533632 osram appsj pdc do cid vid MP EUROPE PL eCat lid mpid |||

Karta katalogowa rodziny produktw LEDriving SMART CANBUS OFFROAD Akcesoria do retrofitw LED __ B ... Opis produktu Moc znamionowa LEDriving Canbus Control LEDSC01 12.00 W LEDriving Canbus Control **LEDSC02-1** 16.00 W LEDriving Canbus Control LEDSC03 12.00 W LEDriving Canbus Control LEDSC03-1 12.0...

lang:pl score:31 filesize: 443.21 K page_count: 5 document date: 0000-00-00



[pdf] Installation Guide Instructions

NIGHT BREAKER® LED Vehicle list Osram 2022 01 14 — HYUNDAI i10 1 2008 2013 E13 2540 H4 10

Install headlight cap according to manufacturer s instructions for use If you own a vehicle that is not LEDriving H7 Fahrzeugliste EN 160822 ohne media osram info img dam 22090835 200622 ||| www.osram.com/ledcheck NIGHT BREAKER LED LED Vehicle list Light is OSRAM NIGHT BREAKER LED Featur ... icult H7-LED H7-LED H7-LED H7-LED H7-LED - LEDCAP03 - H7-LED H7-LED H7-LED H7-LED H7-LED H7-LED **LEDSC02-1** Optional 8 **LEDSC02-1** Optional 8 **LEDSC02-1** Optional 8 **LEDSC02-1** Optional 8 LEDSC03-1 - ...

lang:en score:31 filesize: 7.3 M page_count: 8 document date: 2022-08-16

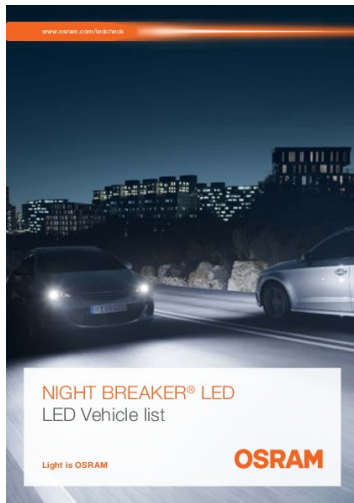


[pdf] Accessories

LEDriving SMART CANBUS OFFROAD Osram LEDSC03 1 2 series · User instruction 3 EN giugno 4 2025 02 20 01 © OSRAM GmbH Tutti i diritti riservati Pagina 5 GPS01 3533632 osram appsj pdc do cid vid PP EUROPE IT eCat lid mpid |||

Scheda della famiglia di prodotto LEDriving SMART CANBUS OFFROAD Accessori per lampade LED retrofi ... del prodotto Potenza nominale LEDriving Canbus Control LEDSC01 12.00 W LEDriving Canbus Control **LEDSC02-1** 16.00 W LEDriving Canbus Control LEDSC03 12.00 W LEDriving Canbus Control LEDSC03-1 12.0...

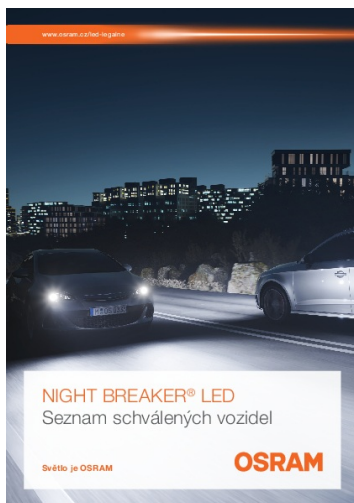
lang:it score:31 filesize: 312.79 K page_count: 5 document date: 0000-00-00



[pdf] Installation Guide Instructions

LED Vehicle list Osram 8 giorni fa — 2000 2005 E9 5267 FORD B Max JK8 2012 2017 E13 13457 H7 10
 Install headlight cap according to manufacturer s instructions for use LEDriving H4 Fahrzeugliste EN
 19042023 dammedia osram info media bin dam 22090835 ||| ||| www.osram.com/ledcheck NIGHT
 BREAKER LED LED Vehicle list Light is OSRAM NIGHT BREAKER LED Features -- OSRAM s first
 street-legal LED replacement lamps1 -- Color temperatures of up
 www.osram.com/ledcheck NIGHT BREAKER LED LED Vehicle list Light is OSRAM
 NIGHT BREAKER LED Featur ... H7-LED - W5W-LED H7-LED H7-LED H7-LED H7-
 LED H7-LED - LEDCAP11 64210DA04 LEDCAP03 - NEW H7-LED **LEDSC02-1** -
 Optional 8 H7-LED **LEDSC02-1** - Optional 8 H7-LED **LEDSC02-1** - W5W-LED
 LEDCBCTRL1...

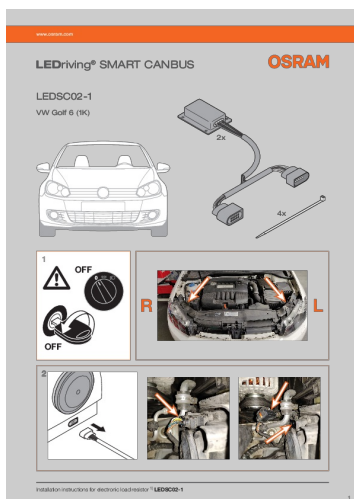
lang:en score:30 filesize: 684.65 K page_count: 12 document date: 2023-04-20



OSRAM NIGHT BREAKER® LED - Seznam schválených vozidel

Comprehensive list of vehicles approved for use with OSRAM NIGHT BREAKER®
 LED H7-LED bulbs in the Czech Republic, including product features and installation
 notes.

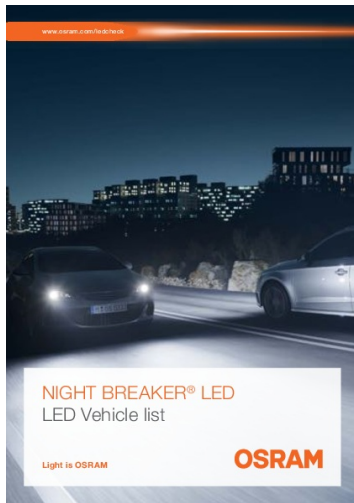
lang:de score:29 filesize: 7.82 M page_count: 9 document date: 2022-09-20



[pdf] Instructions

G15105087 Infosheet LEDriving CANBUS LEDSC02 1 VW Golf 6 04 indd LEDriving® SMART Osram For
 questions regarding maintenance or technical problems please contact OSRAM customer service via
 automotive.service@osram 4 media osram info img dam 22439976 |||
 www.osram.com LEDriving SMART CANBUS **LEDSC02-1** VW Golf 6 1K 2x 1 OFF R
 OFF 2 4x L Installation instructions for electronic load resistor1 **LEDSC02-1** 1 3 1.
 Connect the SMART CANBUS load resistor plug to the vehicle connector. 2. Connect
 the SMART CANBUS load resistor socket with the head...

lang:it score:29 filesize: 2.14 M page_count: 3 document date: 2021-11-15



[\[pdf\]](#) Installation Guide Instructions

NIGHT BREAKER® LED Vehicle list Jul 17 2023 — Ranger 2012 2016 E11 5614 H4 S Max WA6 CJ 1998

2018 10 Install headlight cap according to manufacturer s instructions for use 20230717 BREAKER

VEHICLE LIST EN dammedia osram info media bin dam 22090835 ||| ||| www.osram.com/ledcheck

NIGHT BREAKER LED LED Vehicle list Light is OSRAM NIGHT BREAKER LED Features -- OSRAM s

first street-legal LED replacement lamps1 -- Color temperatures of up to 6,000 K -- Up to 230 more

brightness2 -- Up to 5 times m

www.osram.com/ledcheck NIGHT BREAKER LED LED Vehicle list Light is OSRAM

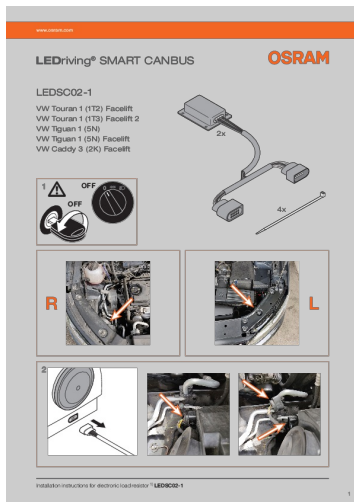
NIGHT BREAKER LED Featur ... cult H7-LED - W5W-LED H7-LED H7-LED H7-LED

H7-LED H7-LED - LEDCAP11 64210DA04 LEDCAP03 - H7-LED **LEDSC02-1** -

Optional 8 H7-LED **LEDSC02-1** - Optional 8 H7-LED **LEDSC02-1** - W5W-LED

LEDCBCTRL1...

lang:en **score:28** filesize: 656.97 K page_count: 12 document date: 2023-07-05



[\[pdf\]](#) Instructions

G15104974 Infosheet LEDDriving CANBUS LEDSC02 1 VW Touran 1T Tiguan 5N Caddy 3 03 indd

LEDDriving® SMART Osram 13 dic 2021 — For questions regarding maintenance or technical problems

please contact OSRAM customer service via automotive.service@osram 4 media osram info img dam

21769123 |||

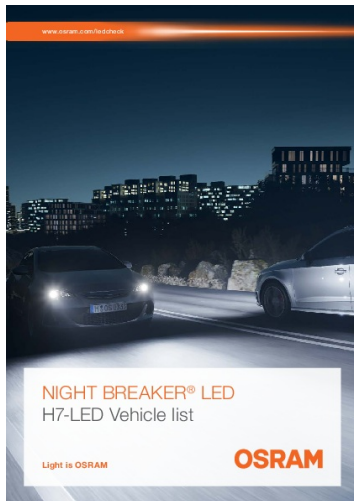
www.osram.com LEDDriving SMART CANBUS **LEDSC02-1** VW Touran 1 1T2 Facelift

VW Touran 1 1T3 Facelift 2 VW Tiguan 1 5N 2x VW Tiguan 1 5N Facelift VW Caddy 3

2K Facelift 1 OFF OFF 4x R L 2 Installation instructions for electronic load resistor1

LEDSC02-1 1 3 1. Connect the SMART CANBU...

lang:it **score:28** filesize: 2.31 M page_count: 3 document date: 2021-11-15



[pdf]

NIGHT BREAKER® LED H7 Vehicle list Osram Dec 14 2021 — Octavia 5E 3 Facelift 2016 2020 E1 4337 VW Caddy 2K 2010 20159 2855 LEDSC02 1 64210DA08 Crafter 2 2017 7 9 LEDriving Fahrzeugliste EN 010222 media osram info im img dam 22090835 141221 |||
www.osram.com/ledcheck NIGHT BREAKER LED H7-LED Vehicle list Light is OSRAM NIGHT BREAKER LED Fea ... 3 E1 4041 E9 11708 Canbus4,6 Adapter5,6 Installation/ Difficulty: Easy Medium Difficult - - - **LEDSC02/ LEDSC02-1** Optional 8 **LEDSC02/ LEDSC02-1** Optional 8 **LEDSC02/ LEDSC02-1** Optional 8 **LEDSC02...**
 lang:en score:28 filesize: 3.71 M page_count: 6 document date: 2022-02-01



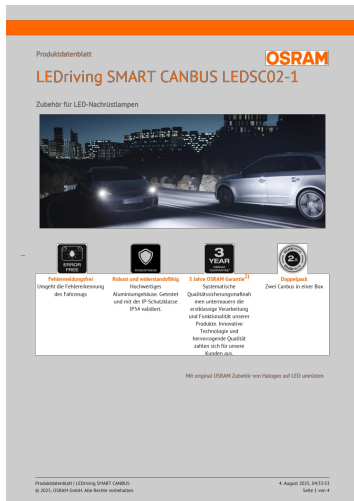
[pdf] Datasheet Accessories

LEDriving SMART CANBUS LEDSC02 1 Osram 19 nov 2022 — Making LED upgrades fit right in The serves as a bypass of vehicle s lamp failure detection system when using H7 ZMP 4062241 Canbus Control osram appsj pdc do cid GPS01 3403097 vid PP APAC IN eCat lid EN mpid |||
 Product datasheet LEDriving SMART CANBUS **LEDSC02-1** __ Error-free Bypasses the vehicle s outage detection Flicker-free No disturbing flickering in the headlamp 3 years OSRAM guarantee, refer to www.osram.comam-guarantee for precise conditions For more customer satisfaction Making LED upgrades fi...
 lang:en score:28 filesize: 756.11 K page_count: 3 document date: 0000-00-00



[pdf] Datasheet Accessories

LEDriving SMART CANBUS LEDSC02 1 Osram 20 déc 2022 — Making LED upgrades fit right in The serves as a bypass of vehicle s lamp failure detection system when using H7 ZMP 4062241 Canbus Control osram appsj pdc do cid GPS01 3403097 vid PP EUROPE Europe eCat lid EN mpid |||
 Product datasheet LEDriving SMART CANBUS **LEDSC02-1** __ Error-free Bypasses the vehicle s outage detection Flicker-free No disturbing flickering in the headlamp 3 years OSRAM guarantee, refer to www.osram.comam-guarantee for precise conditions For more customer satisfaction Making LED upgrades fi...
 lang:en score:28 filesize: 755.35 K page_count: 3 document date: 0000-00-00



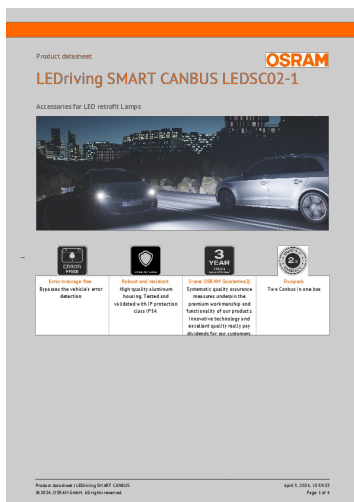
[pdf]

LEDriving SMART CANBUS LEDSC02 1 OSRAM Control Faltschachtel 2 150 mm x 70 58 dm³ 1165 00 g
 Zugelassenes LED Fahrzeuglicht Gilt für alle Fahrzeugmodelle für ZMP 4062241 Canbus osram de
 appsj pdc do cid GPS01 3403097 vid PP EUROPE DE eCat lid mpid |||
 Produktdatenblatt LEDriving SMART CANBUS **LEDSC02-1** Zubehör fr LED-
 Nachrslampen __ Fehlermeldungs frei Umgeht die Fehlererkennung des Fahrzeugs
 Robust und widerstandsfhig Hochwertiges Aluminiumgehuse. Getestet und mit der
 IP-Schutzklasse IP54 validiert. 3 Jahre OSRAM Garantie2 Systematische Quali...
 lang:de **score:27** filesize: 477.83 K page_count: 4 document date: 0000-00-00



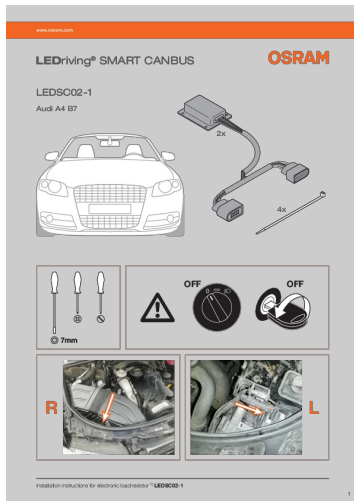
[pdf] Datasheet Dimension Guide Accessories

LEDriving SMART CANBUS OFFROAD LEDSC02 1 Tekniskdata 32 biludstyr dk files |||
 Product datasheet LEDriving SMART CANBUS OFFROAD **LEDSC02-1** __ Error-free
 Bypasses the vehicle s outage detection Flicker-free No disturbing flickering in the
 headlamp 3 years OSRAM guarantee, refer to www.osram.comam-guarantee for
 precise conditions For more customer satisfaction Making LED u...
 lang:en **score:27** filesize: 600.63 K page_count: 3 document date: 0000-00-00



[pdf] Datasheet Accessories

LEDriving SMART CANBUS LEDSC02 1 20 mag 2024 — Convert from halogen to LED with original
 OSRAM accessories Some vehicles report a fault in the exterior lighting when lamps are used 32779
 resources chainbox io 5 dbsls public pim ba9c6e5f 449c 44f1 890c e79b8b674a3a |||
 Product datasheet LEDriving SMART CANBUS **LEDSC02-1** 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 Guarantee2 Systematic quality a...
 lang:en **score:27** filesize: 822.53 K page_count: 4 document date: 0000-00-00



[pdf] Installation Guide Instructions

G15104973 Infosheet LEDDriving CANBUS LEDSC02 1 Audi A4 B7 02 indd LEDDriving® SMART Osram 26 nov 2021 — to the vehicle s body metal Please note Pull cable ties until they are taut 6 Reinstall air filter 7 intake duct 8 media osram info img dam 17215949 |||

www.osram.com LEDDriving SMART CANBUS **LEDSC02-1** Audi A4 B7 2x OFF 4x OFF R Installation instructions for electronic load resistor1 **LEDSC02-1** L 1 R 1 Detach and remove air intake duct.2 2 Pull hose from air filter by loosening the clamp.3 3 Pry out and remove the air filter by loosening the l...

lang:de score:27 filesize: 3.91 M page_count: 5 document date: 2021-11-16

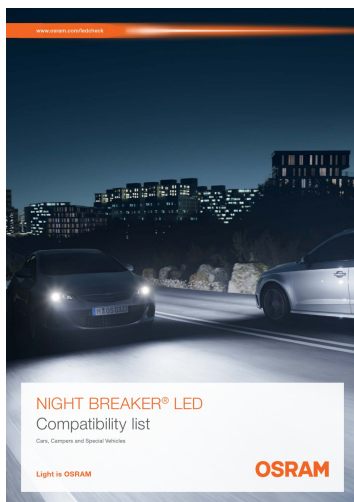


[pdf] User Manual

LIGHTNEWS veřejných komunikacích může být v některých případech nutné použít příslušenství adaptéry canbusy nebo krytky Skoda Octavia Dle vozu Krabíčka FB Osram Led Canbus dwn alza cz manual 127768 |||

Informace o novch produktech OSRAM 8/2024 LIGHTNEWS Pslusenstv pro OSRAM LEDretrofit Instalace LE ... 01-1 64210DA02 64210DA03-1 64210DA04 64210DA05 64210DA07 64210DA08 64210DA09 64210DA10 LEDSC01-2HFB **LEDSC02-1**-2HFB LEDSC03-2HFB LEDSC03-1-2HFB LEDSC01-2HFB **LEDSC02-1**-2HFB LEDSC03-1-2HFB LEDSC04-2HB N...

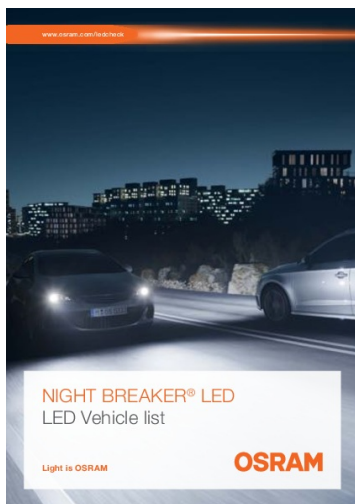
lang:hr score:27 filesize: 1.4 M page_count: 2 document date: 2024-03-26



[pdf]

NIGHT BREAKER® LED Compatibility list Jul 6 2024 — 2006 8 E1 1468 1469 H7 G2 LEDSC02 1 Optional 9 A4 MERCEDES BENZ C class W204 S204 Facelift 2011 2014 2950 17 pages night breaker kompatibilitetsliste 07062024 bilradiospes no media multicase documents osram lyspærer e merket ||| ||| www.osram.com/ledcheck NIGHT BREAKER LED Compatibility list Cars, Campers and Special Vehicles Light is OSRAM Game-changing: LED automotive lighting NIGHT BREAKER LED -- OSRAM s first street-legal1 LED replacement lamps -- Up to 230 more br www.osram.com/ledcheck NIGHT BREAKER LED Compatibility list Cars, Campers and Special Vehicles Light ... D H7-LED G2 H7-LED W5W-LED H7-LED G2 H7-LED H1-LED H7-LED G2 H7-LED H7-LED G2 H7-LED - - - - **LEDSC02-1** Optional 9 **LEDSC02-1** Optional 9 **LEDSC02-114** LEDCCU01 Optional 9 **LEDSC02-1** Optional 9 L...

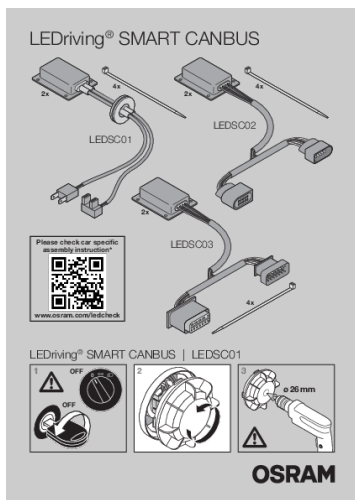
lang:en score:26 filesize: 3.13 M page_count: 17 document date: 2024-06-24



OSRAM NIGHT BREAKER® LED Vehicle Compatibility List

A comprehensive guide to vehicle models compatible with OSRAM NIGHT BREAKER® LED replacement lamps, detailing headlight approval numbers, lamp types, and installation difficulty.

lang:en score:24 filesize: 570.26 K page_count: 12 document date: 2023-07-19



[pdf] User Manual

G15085906 UI LEDDriving CANBUS LEDSC01 LEDSC02 LEDSC03 07 indd SMART 4062172176439 4062172176460 4062172176491 4062172176521 251571 um files2 elv public 25 2515 Internet ||| LEDDriving SMART CANBUS 4x 2x LEDSC01 4x 2x **LEDSC02** 2x Please check car specific assembly instruction* LEDSC03 4x www.osram.com/ledcheck LEDDriving SMART CANBUS LEDSC01 1 OFF 2 3 OFF 26mm LEDDriving SMART CANBUS LEDSC01/**LEDSC02**/LEDSC03 4 5 6 7 a b 8 ON a ON b LEDDriving SMART ...

lang:en score:24 filesize: 3.87 M page_count: 4 document date: 2020-08-11



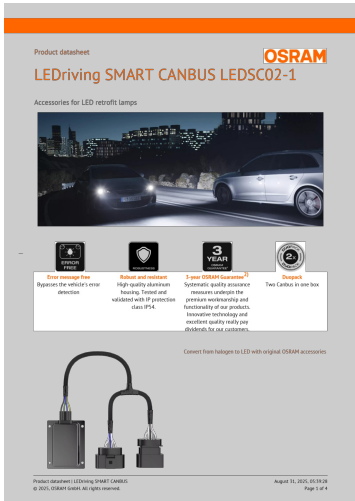
[pdf] Accessories

LEDDriving SMART CANBUS OFFROAD LEDSC02 1 OsramControl 150 mm x 70 58 dm³ 1165 00 g 4062172226547 Canbus Control 159 165 mmZMP 4062241 1osram appsj pdc do cid GPS01 3533632 vid MP EUROPE PT eCat lid mpid ZMP |||

Ficha tcnica do produto LEDDriving SMART CANBUS OFFROAD **LEDSC02-1**

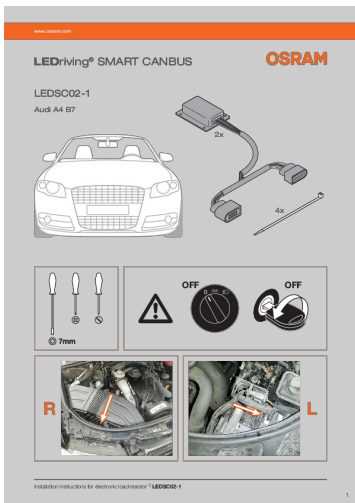
Acessrios para Impadas de retrofit LED __ Error message free Bypasses the vehicle s error detection Robust and resistant Nada de piscar no farol. 3-year OSRAM Guarantee2 Medidas sistemticas de garantia de qualidade sustentam a f...

lang:en score:24 filesize: 421.08 K page_count: 4 document date:



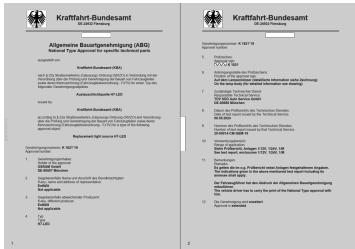
[pdf] Datasheet Accessories

LEDriving SMART CANBUS LEDSC02 1 Osram1 Approved LED light source applies to all vehicle models specific functions and further restrictions in the respective country Must not be used ZMP 4062241 Canbus Control 1osram appsj pdc do cid GPS01 3403097 vid MP MIDEAST ME eCat lid EN mpid ZMP ||| Product datasheet LEDriving SMART CANBUS **LEDSC02-1** 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 Guarantee2 Systematic quality a... lang:en score:24 filesize: 473.47 K page_count: 4 document date:



[pdf] Installation Guide Instructions

G15104973 Infosheet LEDriving CANBUS LEDSC02 1 Audi A4 B7 02 indd BedienungsanleitungOsram SMART Fehlermeldungsunterdrucker im Bordsystem bei LED Umrüstung Fritz Berger Campingbedarfproxyfbr etailercdn de media org orgb O orgid 146 1408180 501 797873 ||| www.osram.com LEDriving SMART CANBUS **LEDSC02-1** Audi A4 B7 2x OFF 4x OFF R Installation instructions for electronic load resistor1 **LEDSC02-1** L 1 R 1 Detach and remove air intake duct.2 2 Pull hose from air filter by loosening the clamp.3 3 Pry out and remove the air filter by loosening the l... lang:de score:24 filesize: 3.91 M page_count: 5 document date: 2021-11-16



[pdf] Instructions

G15131081 Certificate Street legal Germany ABG 64210DWN 01 indd 6002854 carpartstuning fitting instructions ||| 22a K 1821*19 22a K 1821*19 Kraftfahrt-Bundesamt DE-24932 Flensburg Allgemeine Bauartgenehmigung ... 06-1 64210DA07 64210DA08 64210DA09 64210DA10 Lastwiderstand / Load resistor: ohne / without LEDSC01 **LEDSC02** LEDSC03 LEDSC03-1 **LEDSC02-1** LEDEC01 ww. / opt. LEDEC02 LEDEC02 LEDSCT10 1. Stelle 2. Stelle... lang:de score:24 filesize: 2.84 M page_count: 31 document date: 2024-07-23



[pdf]

LEDriving SMART CANBUS OFFROAD LEDSC02 1 OsramControl Estuche de cartón 2 150 mm x 70 58 dm³ 1165 00 g 4062172226547 Canbus Control Embalaje envío 4ZMP 4062241 1osram appsj pdc do cid GPS01 3533632 vid MP EUROPE ES eCat lid mpid ZMP ||| Hoja de datos de producto LEDriving SMART CANBUS OFFROAD **LEDSC02-1** Accesorios para Imparas de reemplazo LED __ Sin mensaje de error Anula la deteccin de errores del vehculo Robusto y resistente No hay parpadeos molestos en el faro 3 aos de garanta OSRAM2 Las medidas sistemticas de garanta pre... lang:es score:24 filesize: 420.78 K page_count: 5 document date:

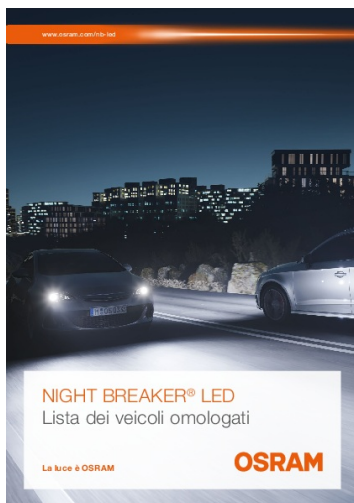


[pdf] Accessories

LEDriving SMART CANBUS OsramLEDriving Canbus Control LEDSC02 1 7439 92 A identificação da substância Lista de Candidatos é suficiente para permitir o uso seguro do artigo GPS01 3403097

CANBUSosram appsj pdc cid GPS01 vid MP EUROPE PT eCat lid mpid |||

Ficha tcnica da familia de produto LEDriving SMART CANBUS Acessrios para Impadas de retrofit LED _ _ _ rio do produto Potncia nominal LEDriving Canbus Control LEDSC01 12.00 W LEDriving Canbus Control **LEDSC02-1** 16.00 W LEDriving Canbus Control LEDSC03 12.00 W LEDriving Canbus Control LEDSC03-1 12.0...
lang:en score:23 filesize: 371.13 K page_count: 5 document date:

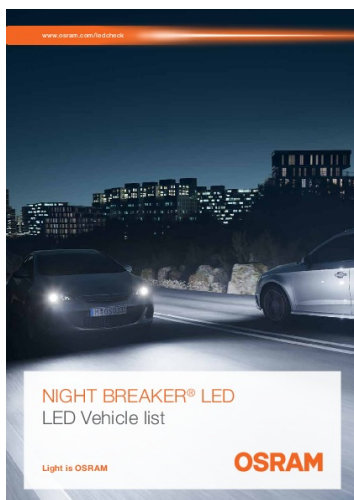


[pdf]

OSRAM LEDriving LED H7 H4 Elenco Veicoli IT 19042023 v2 indd 04072023 High media osram info img dam 29891954 |||

www.osram.com/nb-led NIGHT BREAKER LED Lista dei veicoli omologati La luce OSRAM NIGHT BREAKER LE ... 2039 Tipo di Canbus4,6 lampada / ECE H7-LED - W5W-LED H7-LED H7-LED H7-LED H7-LED H7-LED - H7-LED **LEDSC02-1** Opzionale 8 H7-LED **LEDSC02-1** Opzionale 8 H7-LED **LEDSC02-1** W5W-LED LEDCBCTRL101 Opzional...

lang:it score:23 filesize: 13.86 M page_count: 12 document date: 2023-07-25



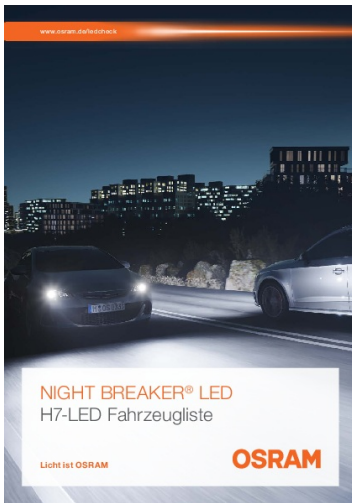
[pdf]

Compatibility list NIGHT BREAKER LED Download Center OSRAM Automotive LEDriving H7 H4

Fahrzeugliste EN 070922 media osram info img dam 22090835 |||

www.osram.com/ledcheck NIGHT BREAKER LED LED Vehicle list Light is OSRAM NIGHT BREAKER LED Featur ... icult H7-LED H7-LED H7-LED H7-LED H7-LED - LEDCAP03 - H7-LED H7-LED H7-LED H7-LED H7-LED H7-LED **LEDSC02-1** Optional 8 **LEDSC02-1** Optional 8 **LEDSC02-1** Optional 8 **LEDSC02-1** Optional 8 LEDSC03-1 - ...

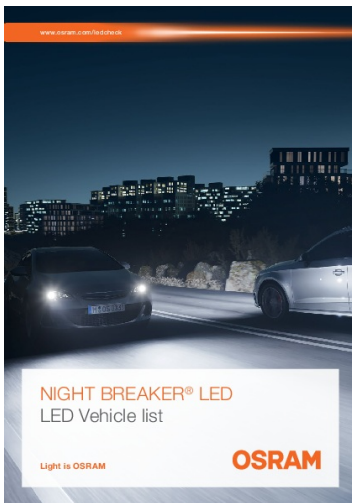
lang:en score:23 filesize: 9.19 M page_count: 9 document date: 2022-09-07



[pdf]

NIGHT BREAKER® LED H7 Fahrzeugliste Osram Kompatibilitätsauflistung greenakku de |||
 www.osram.de/ledcheck NIGHT BREAKER LED H7-LED Fahrzeugliste Licht ist
 OSRAM NIGHT BREAKER LED Pr ... 017 2011-2015 2014-heute9 E1 3680 E1 3680
 E9 14126 E4 15473 E24 6266 Canbus4,6 Adapter5,6 - - **LEDSC02/ LEDSC02-1**
 Optional 8 **LEDSC02/ LEDSC02-1** Optional 8 **LEDSC02/ LEDSC02-1** Optional 8
 LEDS...

lang:de score:23 filesize: 2.21 M page_count: 5 document date: 2021-07-23

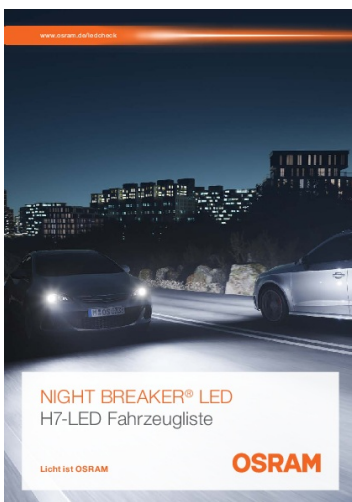


[pdf]

Heakskiidetud riikide NIGHT BREAKER LEDi sõidukite loend Automotive OSRAM LEDriving LED H7 H4
 Fahrzeugliste EN 19012023 media osram info img dam 22090835 |||

www.osram.com/ledcheck NIGHT BREAKER LED LED Vehicle list Light is OSRAM
 NIGHT BREAKER LED Featur ... lation/ Difficulty: Easy Medium Difficult H7-LED H7-
 LED H7-LED H7-LED H7-LED - LEDCAP03 - H7-LED **LEDSC02-1** - H7-LED H7-LED
 H7-LED H7-LED **LEDSC02-1** Optional 8 **LEDSC02-1** Optional 8 **LEDSC02-1** Opt...

lang:en score:23 filesize: 10.44 M page_count: 10 document date: 2023-01-19

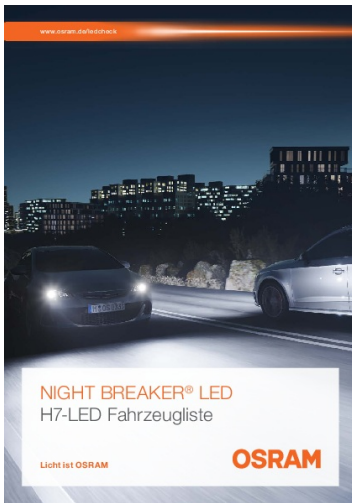


[pdf]

Mehrsau Osram night breaker h7 led fahrzeugliste — osram vandaag besteld morgen Hierzu die OSRAM
 NIGHT BREAKER H7 LED Fahrzeugliste beachten unter de ledcheck Nach meinem Kenntnisstand ist da
 der Golf nicht aufgeführt 1 Antworten OM0273 Fahrzeugzuordnung Night Breaker Vehicle List DE
 25032021 atu extern files artikel |||

www.osram.de/ledcheck NIGHT BREAKER LED H7-LED Fahrzeugliste Licht ist
 OSRAM NIGHT BREAKER LED Pr ... rfergenehmigungsnummer Canbus4 6
 Abblendlicht Fernlicht E1 1468/E1 1469 E1 1468/E1 1469 E1 3680 **LEDSC02**
 Optional 8 **LEDSC02** Optional 8 LEDSC03 Adapter5 6 - Einbau/ Schwierigkeit:
 Einfach Mit...

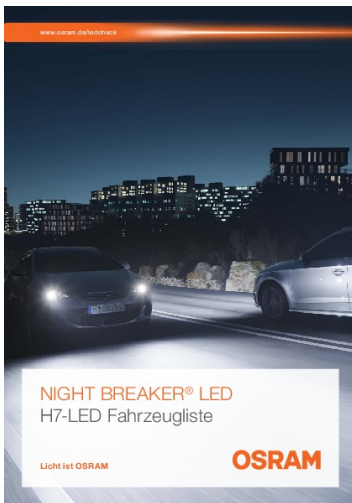
lang:de score:23 filesize: 1.03 M page_count: 4 document date: 2021-02-16



[\[pdf\]](#)

LEDDriving LED H7 Fahrzeugliste DE 300322 media osram info im img dam 16134446 010222 |||
 www.osram.de/ledcheck NIGHT BREAKER LED H7-LED Fahrzeugliste Licht ist
 OSRAM NIGHT BREAKER LED Pr ... 14126 E4 15473 Canbus4,6 Adapter5,6
 Einbau/ Schwierigkeit: Einfach Mittel Anspruchsvoll - - - - **LEDSC02/ LEDSC02-1**
 Optional 8 **LEDSC02/ LEDSC02-1** Optional 8 **LEDSC02/ LEDSC02-1** Optional 8
LEDSC02...

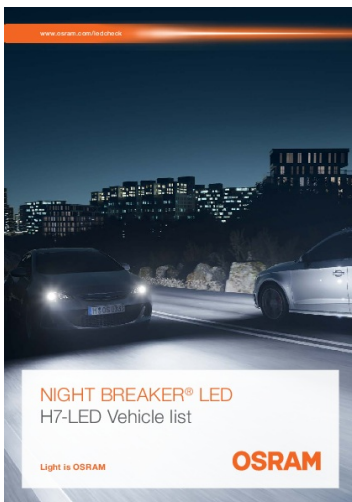
lang:de score:23 filesize: 4.13 M page_count: 6 document date: 2022-03-30



[\[pdf\]](#)

H7 LED Fahrzeugliste Osram Oct 3 2020 — Tipo 356 2015 7 E9 16020 FORD Fiesta MK7 Facelift 2013
 E8 6388 64210DA02 MK8 2017 E4 25168 64210DA04 Focus MK4 LEDDriving DE 010222 media osram
 info img dam 16134446 Night Breaker Vehicle List AT |||
 www.osram.de/ledcheck NIGHT BREAKER LED H7-LED Fahrzeugliste Licht ist
 OSRAM NIGHT BREAKER LED Pr ... r5,6 Einbau/ Schwierigkeit: Einfach Mittel
 Anspruchsvoll - - - - NEU - - - LEDCAP03 NEU **LEDSC02/ LEDSC02-1** Optional 8
LEDSC02/ LEDSC02-1 Optional 8 **LEDSC02/ LEDSC02-1** Optional 8 LEDSC...

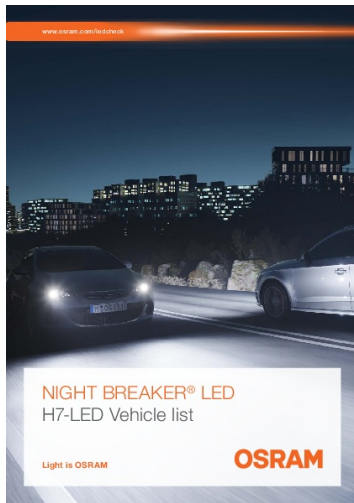
lang:de score:23 filesize: 3.71 M page_count: 6 document date: 2022-02-01



[\[pdf\]](#)

NIGHT BREAKER® LED H7 Vehicle list LEDDriving Fahrzeugliste EN 300322 media osram info img dam
 22090835 |||
 www.osram.com/ledcheck NIGHT BREAKER LED H7-LED Vehicle list Light is
 OSRAM NIGHT BREAKER LED Fea ... E9 14126 E4 15473 Canbus4,6 Adapter5,6
 Installation/ Difficulty: Easy Medium Difficult - - - - **LEDSC02/ LEDSC02-1** Optional 8
LEDSC02/ LEDSC02-1 Optional 8 **LEDSC02/ LEDSC02-1** Optional 8 **LEDSC02...**

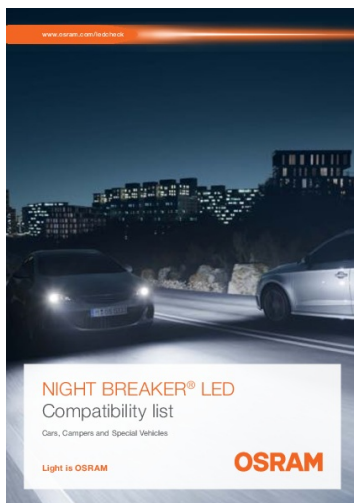
lang:en score:23 filesize: 4.13 M page_count: 6 document date: 2022-03-30



[OSRAM NIGHT BREAKER LED H7-LED Vehicle Compatibility List](#)

Find compatible vehicles for OSRAM NIGHT BREAKER LED H7-LED replacement lamps. This list details car models, years, and installation requirements.

lang:en score:23 filesize: 3.85 M page_count: 6 document date: 2022-02-15



[OSRAM NIGHT BREAKER LED Compatibility List for Cars, Campers & Special Vehicles](#)

Find the perfect OSRAM NIGHT BREAKER LED replacement bulbs for your car, camper, or special vehicle. This comprehensive compatibility list by OSRAM helps you identify the correct LED lamp for your vehicle's make, model, and year.

lang:en score:23 filesize: 687.1 K page_count: 14 document date: 2023-10-04

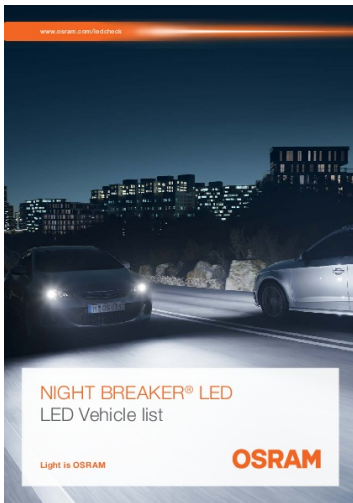


[\[pdf\] Datasheet](#)

Osram LEDriving SMART CANBUS Data sheet 2c3f589229afad3bbd426e14b50b2c2035cd gzhl5 at blob ldb 9 0 d |||

Produktdatenblatt LEDriving SMART CANBUS __ Fehlerfrei Umgeht die Ausfallerkennung des Fahrzeugs F ... andatenliste 1 CAS Nr. des Stoffes 1 Informationen zum sicheren Gebrauch SCIP Deklarationsnummer **LEDSC02** Zubehr fr LED Retrofits 12,00 W 237,80 g 82,0 mm 2500 h 2500 h LED-Zubehr **LEDSC02** 17-11-2021...

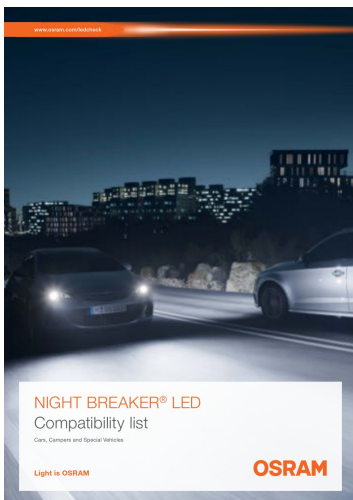
lang:de score:22 filesize: 749.38 K page_count: 3 document date: 0000-00-00



[pdf]

LEDDriving LED H7 H4 Fahrzeugliste EN 200622 dammedia osram info media bin dam 22090835 |||
www.osram.com/ledcheck NIGHT BREAKER LED LED Vehicle list Light is OSRAM
NIGHT BREAKER LED Featur ... icult H7-LED H7-LED H7-LED H7-LED H7-LED -
LEDCAP03 - H7-LED H7-LED H7-LED H7-LED H7-LED H7-LED **LEDSC02-1**
Optional 8 **LEDSC02-1** Optional 8 **LEDSC02-1** Optional 8 **LEDSC02-1** Optional 8
LEDSC03-1 - ...

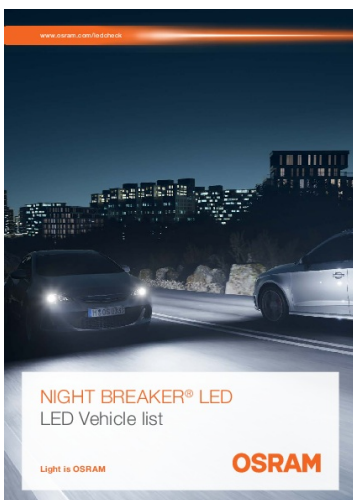
lang:en score:22 filesize: 7.48 M page_count: 8 document date: 2022-06-20



[pdf]

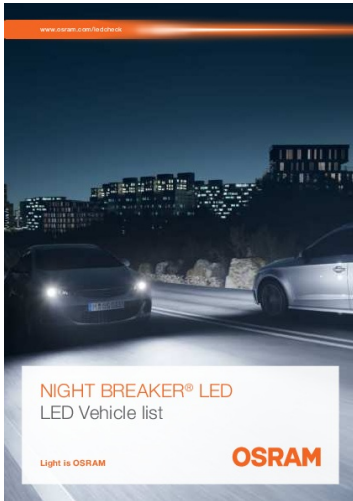
osram ledcheck 2 15 H7 7 H4 1 H1 0 W5W 24 10 2023 LED Vehicle list car Manufacturer Model Variant
Type Year of manufacture Headlight approval number OSRAM NB 13 fenix light bg media |||
www.osram.com/ledcheck NIGHT BREAKER LED Compatibility list Cars, Campers
and Special Vehicles Light ... ECE Adapter5,6/CAP H7-LED H7-LED H7-LED H7-LED
H7-LED H7-LED W5W-LED H7-LED H7-LED H7-LED - - - **LEDSC02-1** Optional 8
LEDSC02-1 Optional 8 **LEDSC02-1** LEDCBCTRL101 Optional 8 **LEDSC02-1**
Optional 8...

lang:en score:22 filesize: 949.81 K page_count: 11 document date: 2023-10-27



[pdf]

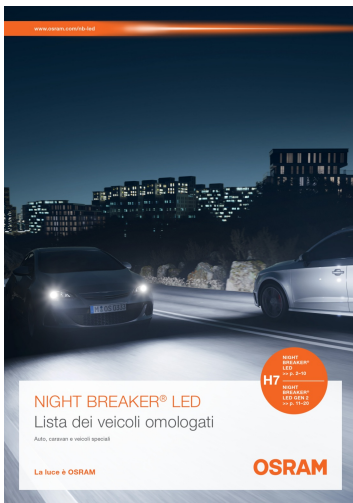
NIGHT BREAKER LED Fahrzeugliste für Österreich Automotive LEDDriving H7 H4 AT 040522 media
osram info img dam 19768917 |||
www.osram.com/ledcheck NIGHT BREAKER LED LED Vehicle list Light is OSRAM
NIGHT BREAKER LED Featur ... -LED H7-LED H7-LED H7-LED H7-LED H7-LED
H7-LED H7-LED H7-LED H7-LED - - - - - LEDCAP03 **LEDSC02-1** Optional 8
LEDSC02-1 Optional 8 **LEDSC02-1** Optional 8 **LEDSC02-1** Optional 8 LEDSC03-...
lang:en score:22 filesize: 5.14 M page_count: 7 document date: 2022-05-04



[OSRAM NIGHT BREAKER LED Vehicle Compatibility List](#)

Find the right OSRAM NIGHT BREAKER LED headlight bulbs for your vehicle. This comprehensive list details compatibility by manufacturer, model, year, and headlight type.

lang:en score:22 filesize: 9.38 M page_count: 9 document date: 2022-12-16



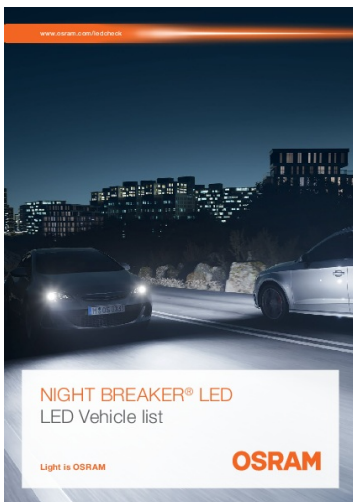
[\[pdf\]](#)

NIGHT BREAKER® LED Lista dei veicoli omologati OSRAM LEDDriving NB Elenco Veicoli IT 18012024

High media osram info img dam 29891954 H7 H4 04072023 |||

www.osram.com/nb-led NIGHT BREAKER LED Lista dei veicoli omologati Auto, caravan e veicoli speciali ... ----- LED ----- LED ---
LEDSC02-1 Opzionale 8 **LEDSC02-1** Opzionale 8 LEDCAP03 - - **LEDSC02-113** -
LEDCCU01 Opzionale 8 ...

lang:it score:22 filesize: 33.62 M page_count: 21 document date: 2024-02-26

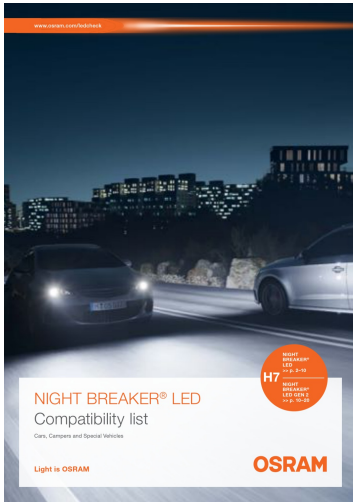


[\[pdf\]](#)

NIGHT BREAKER® LED Vehicle list 20221216 BREAKER VEHICLE LIST EN AUSTRIA media osram
info img dam 19768917 |||

www.osram.com/ledcheck NIGHT BREAKER LED LED Vehicle list Light is OSRAM
NIGHT BREAKER LED Featur ... icult H7-LED H7-LED H7-LED H7-LED H7-LED -
LEDCAP03 - H7-LED H7-LED H7-LED H7-LED H7-LED H7-LED **LEDSC02-1**
Optional 8 **LEDSC02-1** Optional 8 **LEDSC02-1** Optional 8 **LEDSC02-1** Optional 8
LEDSC03-1 - ...

lang:en score:22 filesize: 8.89 M page_count: 9 document date: 2022-12-16

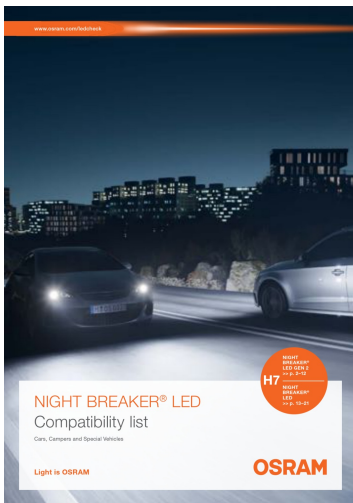


[pdf]

NIGHT BREAKER® LED Compatibility list Lichtex de Jan 17 2024 · OSRAM s first W5W for use in all* 12V vehicle models behind white glass An innovation and revolution komplisteauto lichtex mediafiles Dokumente Osram |||

www.osram.com/ledcheck NIGHT BREAKER LED Compatibility list Cars, Campers and Special Vehicles Ligh ... ficult - - - - - LED - - - - - LED - - - - - LEDSC02-1 Optional 8 LEDSC02-1 Optional 8 - LEDCAP03 - - LEDSC02-113 - LEDCCU01 Optional 8 -...

lang:en score:22 filesize: 3.32 M page_count: 21 document date: 2024-01-19



OSRAM NIGHT BREAKER® LED Compatibility List for Cars, Campers, and Special Vehicles

Comprehensive compatibility list for OSRAM NIGHT BREAKER® LED and NIGHT BREAKER® LED GEN 2 automotive lighting solutions, covering a wide range of car, camper, and special vehicle models. Find the right LED replacement lamps for your vehicle.

lang:en score:22 filesize: 1.32 M page_count: 22 document date: 2024-03-20