

Philips Accessories for  
LED upgrade  
CANbus adapters

For [≈H4]-LED retrofit  
Prevent signal and light errors  
Easy installation  
Waterproof design

18960X2



## 3-in-1 solution

### Advanced automotive system

Enjoy a 3-in-1 solution\* for Philips LED bulbs' dashboard warnings and light issues with Philips CANbus adapters. Philips CANbus adapters ensure your LED bulbs' reliable and long-lasting performance in real driving conditions.

#### **3-in-1 solution**

- Prevent misleading dashboard error signals
- Prevent flickering and dimming issues

#### **Easy installation**

- Choose peace of mind
- Easy installation

#### **Reliable Philips quality**

- Full electromagnetic compatibility
- Reliable Philips quality

# PHILIPS

## CANbus adapters

For [≈H4]-LED retrofit Prevent signal and light errors, Easy installation, Waterproof design

# Specifications

### Marketing specifications

- Product highlight: 3-in-1 solution
- Expected benefits: Avoid signal and light issues

### Product description

- Application: Low beam, High beam
- Designation: LED CANBUS H4 18960 12 V X2
- ECE certification: NO
- Operating Temperature: -40/+85 °C
- Range: CANbus adapter LED-HL
- Technical features: 3-in-1 solution
- Technology: LED
- Type: H4
- Compatible with: Car models listed in the Philips compatibility list\*\*
- Marking: KBA approved
- Designation LED type: H4-LED, [≈ H4]
- Ingress protection rating (IP): IP65

### Electrical characteristics

- Wattage: 12 W
- Voltage: 12 V

### Ordering information

- Order entry: 18960X2
- Ordering code: 72831594

### Logistic data

- Quantity in box: 2
- MOQ: 4

### Packaging Data

- EAN1: 6974260728315
- EAN3: 6974260728322
- Packaging type: X2

### Packed product information

- Length: 18.5 cm
- Width: 11.5 cm
- Height: 6 cm
- Net weight per piece: 190 g
- Pack Quantity: 2 pcs
- MOQ (for professionals): 8 pcs (4 sets)
- Gross weight per piece [g]: 500

### Outer pack information

- Length: 38.8 cm
- Width: 12.2 cm
- Height: 13.8 cm
- Gross weight per piece: 1.985 kg

### Lifetime

- Life time: 3000 h

LUM18960X2/10

# Highlights

### Avoid false dashboard warnings

When installing LED retrofit bulbs, the lower power consumption of the LED can sometimes be interpreted by the car's safety system as a failure of the bulbs. This will trigger an error signal on the dashboard even though the LED bulbs work perfectly. To avoid this inconvenience, we recommend using a Philips CANbus Adapter. The Philips CANbus Adapter for Philips LED HL [H4] bulbs connects to the car's built-in safety system to eliminate false error messages on the dashboard. Drivers can enjoy their Philips LED bulbs with peace of mind.

### Prevents light issues

The lower power consumption of LED bulbs can sometimes create current variation problems, resulting in a downgrade in the LED headlight bulbs' performance. Featuring a smart 3-in-1 function, our Philips CANbus Adapter brings an additional capacitor function, avoiding flickering and light dimming issues. Enjoy the best of your Philips LED retrofit bulbs with the latest Philips CANbus Adapters generation.

### Choose peace of mind

Every vehicle model is different, and most don't require a Philips CANbus Adapter when retrofitting LED lights. To know if a Philips CANbus Adapter is needed for your vehicle model, visit our Philips website and check our latest online compatibility list\*\*.

### Easy installation

Thanks to their compact design, our Philips CANbus adapters are easy to install, even in tight spaces. They are equipped with connectors to fit standard vehicle sockets, making connection quick and easy. The Philips CANbus adapter pack also includes cable glands for waterproof wiring wherever required. Find the user manual on our Philips support page\*\*\*

### EMI compliance guaranteed

Our Philips CANbus Adapters are guaranteed EMI compliant, conforming to automotive industry standards on electromagnetic interference. Precision-engineered to withstand the rigours of modern motoring life, their use doesn't interfere with the regular operation of the other vehicle parts.

### Reliable Philips quality

Philips CANbus Adapters are durable and provide long-lasting performance. Tested in the toughest conditions, they provide IP65 ingress protection from dust and water, and are covered by our Philips warranty policy. Visit [Philips.com/auto-warranty](https://philips.com/auto-warranty) to learn more and register for an extended warranty\*\*\*\*.



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\*\* Avoid false dashboard warnings, prevent flickering and light dimming issues

\*\* We continually test our bulbs and accessories with more vehicle models and update our compatibility list on a regular basis. If your vehicle model is not listed, it has not been tested yet. Please contact our customer support.

\*\*\* Visit [Philips.com/AutomotiveSupport](https://philips.com/AutomotiveSupport) for details

\*\*\*\* 3 year warranty (2 years standard + 1 year extended). Visit [philips.com/auto-warranty](https://philips.com/auto-warranty) to register for an extended warranty