

# FOG BREAKER

Up to 200% more yellow light



**Up to 200% more yellow light**  
Compared to standard lamps



**Up to 60% more light**  
For better visibility and significantly shorter reaction times compared to standard halogen lamps



**Up to 2,600 K**  
Better sight when driving in fog, rain, snow and sandstorm weather



### Better sight in fog, rain and snow

With up to 200% more yellow light and up to 60% more light compared to standard lamps, FOG BREAKER ensures better sight, even under the most challenging weather conditions like fog, rain, snow and sandstorm. These products are not ECE-approved and must not be used on public roads in any exterior application. Use on public roads will invalidate both the operating license and insurance coverage. Some countries prohibit the sale and use of these products. Please contact your local distributor for information on your country.

# Product datasheet

## Technical data

### Product information

Order reference	9006FBR
Product type (off-road vs. on-road)	Off-road $\pm$ HB4
Application (Category and Product specific)	Halogen headlight lamp

### Electrical data

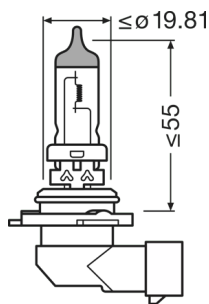
Power input	62 W <sup>1)</sup>
Nominal voltage	12.0 V
Nominal wattage	51.00 W
Test voltage	13.2 V

<sup>1)</sup> Maximum

### Photometrical data

Luminous flux	1100 lm
Luminous flux tolerance	$\pm$ 15 %
Color temperature	3200 K

### Dimensions & weight



Diameter	12.0 mm
Product weight	25.50 g
Length	80.3 mm

### Lifespan

Lifespan B3	860 h
Lifespan Tc	1720 h

### Additional product data

## Product datasheet

Base (standard designation)	P22d
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### Capabilities

Technology	HAL
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### Certificates & standards

ECE category	
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### Country specific categorizations

Order reference	9006FBR
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### Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	06-03-2024
Primary Article Identifier	4052899047594   4052899047570   4052899932265
Candidate List Substance 1	No declarable substances contained
Declaration No. in SCIP database	In work

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899047594	FOG BREAKER ≅ HB4	Hard Cover Box 2	115 mm x 47 mm x 95 mm	0.51 dm <sup>3</sup>	135.00 g
4052899047600	FOG BREAKER ≅ HB4	Shipping carton box 20	250 mm x 240 mm x 106 mm	6.36 dm <sup>3</sup>	1490.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

#### Legal advice

These products do not have ECE approval and must not be used on public roads in any exterior application. Public roads use leads to cancellation of operating license and loss of insurance coverage. Several countries forbid sale and use of these products. Please contact your local distributor for further information.

#### 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.

## Product datasheet



# OSRAM