Product datasheet

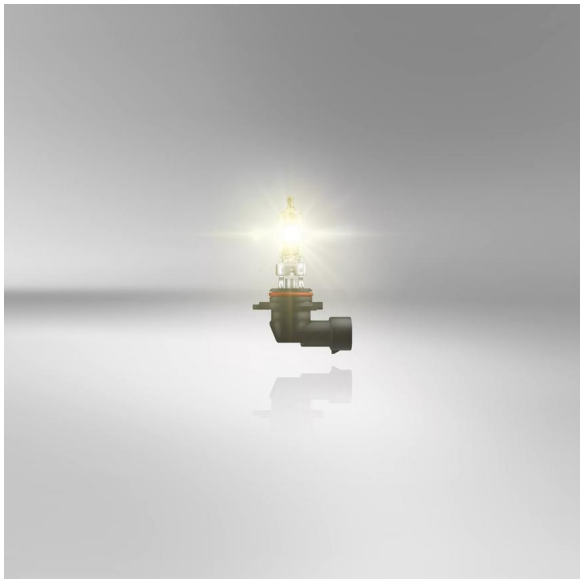
FOG BREAKER

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.

© 2026, OSRAM GmbH. All rights reserved.

Product datasheet

Technical data

Product information

Product type (off-road vs. on-road)	Off-road ≙ HB3
Application (Category and Product specific)	Halogen headlight lamp

General Product Information

Global order reference	9005FBR

Electrical Data

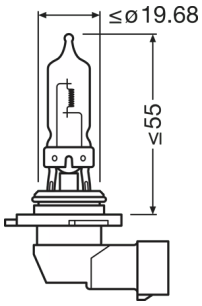
Power input	73 W [1)]
Nominal voltage	12 V
Nominal wattage	60 W
Test voltage	13.2 V

[1)] Maximum

Photometric Data

Nominal luminous flux	1700 lm
Luminous flux tolerance	±12 %
Color temperature	3200 K

Physical Attributes & Dimensions



Diameter	12.0 mm
Product weight	28.00 g
Length	80.3 mm
Lamp base	P20d

Lifetime Data

Lifespan B3	280 hr

© 2026, OSRAM GmbH. All rights reserved.

Lifespan Tc	550 hr

Capabilities

Technology	HAL

Certificates & standards

ECE category	

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Primary article identifier	4052899047556 | 4052899932258 | 4052899047532
Candidate list substance 1	No declarable substances contained
Declaration no. in SCIP database	No declarable substances contained

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899047556	FOG BREAKER ≙ HB3	Hard Cover Box 2	115 mm x 47 mm x 95 mm	0.51 dm^3	140.00 g
4052899047563	FOG BREAKER ≙ HB3	Shipping carton box 20	250 mm x 240 mm x 106 mm	6.36 dm^3	1540.00 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.

Download Data

	File
	User instruction GPRS_Safety symbols instructions
	Addon Technical Information Certificate overview OSRAM Argentina

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

© 2026, OSRAM GmbH. All rights reserved.

Product datasheet

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.

© 2026, OSRAM GmbH. All rights reserved.