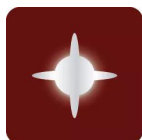


# FOG BREAKER

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 family datasheet

### Technical data

Product description	Product information		General Product Information	Electrical Data	
	Product type (off-road vs. on-road)	Application (Category and Product specific)	Global order reference	Power input	Nominal voltage
FOG BREAKER ≙ H1	Off-road ≙ H1	Halogen headlight lamp	62150FBR	68 W <sup>1)</sup>	12.0 V
FOG BREAKER ≙ H3	Off-road ≙ H3	Halogen headlight lamp	62151FBR	68 W <sup>1)</sup>	12.0 V
FOG BREAKER ≙ H4	Off-road ≙ H4	Halogen headlight lamp	62193FBR	75 / 68 W <sup>1)</sup>	12.0 V
FOG BREAKER ≙ H7	Off-road ≙ H7	Halogen headlight lamp	62210FBR	58 W <sup>1)</sup>	12.0 V
FOG BREAKER ≙ H8	Off-road ≙ H8	Halogen headlight lamp	64212FBR	43 W <sup>1)</sup>	12.0 V
FOG BREAKER ≙ H11	Off-road ≙ H11	Halogen headlight lamp	64211FBR	62 W <sup>1)</sup>	12.0 V
FOG BREAKER ≙ H16	Off-road ≙ H16	Halogen headlight lamp	62219FBR	22.5 W <sup>1)</sup>	12.0 V
FOG BREAKER ≙ HB3	Off-road ≙ HB3	Halogen headlight lamp	9005FBR	73 W <sup>1)</sup>	12.0 V
FOG BREAKER ≙ HB4	Off-road ≙ HB4	Halogen headlight lamp	9006FBR	62 W <sup>1)</sup>	12.0 V

Product description	Nominal wattage	Test voltage	Photometric Data		Physical Attributes & Dimensions
			Nominal luminous flux	Luminous flux tolerance	Diameter
FOG BREAKER ≙ H1	55 W	13.2 V	1500 lm	±15 %	8.5 mm
FOG BREAKER ≙ H3	55 W	13.2 V	1550 lm	±15 %	11.0 mm
FOG BREAKER ≙ H4		13.2 V	1700/1100 lm	±15 %	17.0 mm
FOG BREAKER ≙ H7	55 W	13.2 V	1750 lm	±15 %	12.0 mm
FOG BREAKER ≙ H8	35 W	13.2 V	1350 lm	±15 %	11.7 mm
FOG BREAKER ≙ H11	55 W	13.2 V	1750 lm	±15 %	12.0 mm
FOG BREAKER ≙ H16	19 W	13.2 V	500 lm	+10 %...15 %	9.5 mm
FOG BREAKER ≙ HB3	60 W	13.2 V	1700 lm	±12 %	12.0 mm
FOG BREAKER ≙ HB4	51 W	13.2 V	1100 lm	±15 %	12.0 mm

Product description	Lifetime Data		Capabilities	Certificates & standards	Environmental & Regulatory Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
	Lifespan B3	Lifespan Tc	Technology	ECE category	Date of declaration	Primary article identifier
FOG BREAKER ≙ H1	400 hr	650 hr	HAL		09-07-2024	4052899039681   4052899932210
FOG BREAKER ≙ H3	400 hr	650 hr	HAL		09-07-2024	4052899932227   4052899039704

## Product family datasheet

Product description	Lifetime Data		Capabilities	Certificates & standards	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
	Lifespan B3	Lifespan Tc	Technology	ECE category	Date of declaration	Primary article identifier
FOG BREAKER ≙ H4	250 / 400 hr <sup>2)</sup>	500 / 900 hr <sup>2)</sup>	HAL		09-07-2024	4052899932234   4052899039735
FOG BREAKER ≙ H7	330 hr	550 hr	HAL		09-07-2024	4052899932203   4052899039766
FOG BREAKER ≙ H8	400 hr	800 hr	HAL		09-07-2024	4052899503298   4052899233959
FOG BREAKER ≙ H11	350 hr	580 hr	HAL		09-07-2024	4052899932241   4052899039780
FOG BREAKER ≙ H16			HAL		26-06-2024	4052899280922
FOG BREAKER ≙ HB3	280 hr	550 hr	HAL		09-07-2024	4052899047556   4052899932258   4052899047532
FOG BREAKER ≙ HB4	860 hr	1720 hr	HAL		09-07-2024	4052899047570   4052899047594   4052899932265

Product description	Candidate list substance 1	Declaration no. in SCIP database
FOG BREAKER ≙ H1	No declarable substances contained	In work
FOG BREAKER ≙ H3	No declarable substances contained	In work
FOG BREAKER ≙ H4	No declarable substances contained	In work
FOG BREAKER ≙ H7	No declarable substances contained	In work
FOG BREAKER ≙ H8	No declarable substances contained	In work
FOG BREAKER ≙ H11	No declarable substances contained	In work
FOG BREAKER ≙ H16	No declarable substances contained	In work
FOG BREAKER ≙ HB3	No declarable substances contained	In work
FOG BREAKER ≙ HB4	No declarable substances contained	In work

<sup>1)</sup> Maximum

<sup>2)</sup> Filament 1

## Product family datasheet

### 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.

