Product family 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.

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Technical data

	Product information			Electrical data		
Product description	**Order reference**	**Product type (off-road vs. on-road)**	**Application (Category and Product specific)**	**Power input**	**Nominal voltage**	**Nominal wattage**
FOG BREAKER ≙ H1	62150FBR	Off-road ≙ H1	Halogen headlight lamp	68 W [1)]	12.0 V	55.00 W
FOG BREAKER ≙ H3	62151FBR	Off-road ≙ H3	Halogen headlight lamp	68 W [1)]	12.0 V	55.00 W
FOG BREAKER ≙ H4	62193FBR	Off-road ≙ H4	Halogen headlight lamp	75 / 68 W [1)]	12.0 V	60/55 W
FOG BREAKER ≙ H7	62210FBR	Off-road ≙ H7	Halogen headlight lamp	58 W [1)]	12.0 V	55.00 W
FOG BREAKER ≙ H8	64212FBR	Off-road ≙ H8	Halogen headlight lamp	43 W [1)]	12.0 V	35.00 W
FOG BREAKER ≙ H11	64211FBR	Off-road ≙ H11	Halogen headlight lamp	62 W [1)]	12.0 V	55.00 W
FOG BREAKER ≙ H16	62219FBR	Off-road ≙ H16	Halogen headlight lamp	22.5 W [1)]	12.0 V	19.00 W
FOG BREAKER ≙ HB3	9005FBR	Off-road ≙ HB3	Halogen headlight lamp	73 W [1)]	12.0 V	60.00 W
FOG BREAKER ≙ HB4	9006FBR	Off-road ≙ HB4	Halogen headlight lamp	62 W [1)]	12.0 V	51.00 W

		Photometrical data		Dimensions & weight	Lifespan		Capabilities
Product description	**Test voltage**	**Luminous flux**	**Luminous flux tolerance**	**Diameter**	**Lifespan B3**	**Lifespan Tc**	**Technology**
FOG BREAKER ≙ H1	13.2 V	1500 lm	±15 %	8.5 mm	400 h	650 h	HAL
FOG BREAKER ≙ H3	13.2 V	1550 lm	±15 %	11.0 mm	400 h	650 h	HAL
FOG BREAKER ≙ H4	13.2 V	1700/1100 lm	±15 %	17.0 mm	250 / 400 h [2)]	500 / 900 h [2)]	HAL
FOG BREAKER ≙ H7	13.2 V	1750 lm	±15 %	12.0 mm	330 h	550 h	HAL
FOG BREAKER ≙ H8	13.2 V	1350 lm	±15 %	11.7 mm	400 h	800 h	HAL
FOG BREAKER ≙ H11	13.2 V	1750 lm	±15 %	12.0 mm	350 h	580 h	HAL
FOG BREAKER ≙ H16	13.2 V	500 lm	+10 %...15 %	9.5 mm			HAL
FOG BREAKER ≙ HB3	13.2 V	1700 lm	±12 %	12.0 mm	280 h	550 h	HAL
FOG BREAKER ≙ HB4	13.2 V	1100 lm	±15 %	12.0 mm	860 h	1720 h	HAL

	Certificates & standards	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)		
Product description	**ECE category**	**Date of Declaration**	**Primary Article Identifier**	**Candidate List Substance 1**
FOG BREAKER ≙ H1		06-03-2024	4052899039681 | 4052899932210	No declarable substances contained
FOG BREAKER ≙ H3		06-03-2024	4052899039704 | 4052899932227	No declarable substances contained

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	Certificates & standards	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)		
Product description	**ECE category**	**Date of Declaration**	**Primary Article Identifier**	**Candidate List Substance 1**
FOG BREAKER ≙ H4		06-03-2024	4052899039735 | 4052899932234	No declarable substances contained
FOG BREAKER ≙ H7		06-03-2024	4052899039766 | 4052899932203	No declarable substances contained
FOG BREAKER ≙ H8		06-03-2024	4052899233959 | 4052899503298	No declarable substances contained
FOG BREAKER ≙ H11		06-03-2024	4052899039780 | 4052899932241	No declarable substances contained
FOG BREAKER ≙ H16		06-03-2024	4052899280922	No declarable substances contained
FOG BREAKER ≙ HB3		06-03-2024	4052899047556 | 4052899047532 | 4052899932258	No declarable substances contained
FOG BREAKER ≙ HB4		06-03-2024	4052899047594 | 4052899047570 | 4052899932265	No declarable substances contained

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

[1] Maximum

[2] Filament 1

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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.



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