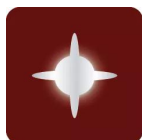


FOG BREAKER

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 | Electrical Data | | | | Photometric Data |
|------------------------------|-------------------------|-----------------|-----------------|--------------|-----------------------|
| | Power input | Nominal voltage | Nominal wattage | Test voltage | Nominal luminous flux |
| FOG BREAKER \triangleq H1 | 68 W ¹⁾ | 12 V | 55 W | 13.2 V | 1500 lm |
| FOG BREAKER \triangleq H3 | 68 W ¹⁾ | 12 V | 55 W | 13.2 V | 1550 lm |
| FOG BREAKER \triangleq H4 | 75 / 68 W ¹⁾ | 12 V | 60/55 W | 13.2 V | 1700/1100 lm |
| FOG BREAKER \triangleq H7 | 58 W ¹⁾ | 12 V | 55 W | 13.2 V | 1750 lm |
| FOG BREAKER \triangleq H8 | 43 W ¹⁾ | 12 V | 35 W | 13.2 V | 1350 lm |
| FOG BREAKER \triangleq H11 | 62 W ¹⁾ | 12 V | 55 W | 13.2 V | 1750 lm |
| FOG BREAKER \triangleq H16 | 22.5 W ¹⁾ | 12 V | 19 W | 13.2 V | 500 lm |
| FOG BREAKER \triangleq HB3 | 73 W ¹⁾ | 12 V | 60 W | 13.2 V | 1700 lm |
| FOG BREAKER \triangleq HB4 | 62 W ¹⁾ | 12 V | 51 W | 13.2 V | 1100 lm |

| Product description | Luminous flux tolerance | Physical Attributes & Dimensions | | Lifetime Data | | Certificates & standards |
|------------------------------|-------------------------|----------------------------------|----------|----------------------------|----------------------------|--------------------------|
| | | Diameter | Diameter | Lifespan B3 | Lifespan Tc | ECE category |
| FOG BREAKER \triangleq H1 | $\pm 15\%$ | 8.5 mm | 8.5 mm | 400 hr | 650 hr | |
| FOG BREAKER \triangleq H3 | $\pm 15\%$ | 11.0 mm | 11.0 mm | 400 hr | 650 hr | |
| FOG BREAKER \triangleq H4 | $\pm 15\%$ | 17.0 mm | 17.0 mm | 250 / 400 hr ²⁾ | 500 / 900 hr ²⁾ | |
| FOG BREAKER \triangleq H7 | $\pm 15\%$ | 12.0 mm | 12.0 mm | 330 hr | 550 hr | |
| FOG BREAKER \triangleq H8 | $\pm 15\%$ | 11.7 mm | 11.7 mm | 400 hr | 800 hr | |
| FOG BREAKER \triangleq H11 | $\pm 15\%$ | 12.0 mm | 12.0 mm | 350 hr | 580 hr | |
| FOG BREAKER \triangleq H16 | $\pm 10\% \dots 15\%$ | 9.5 mm | 9.5 mm | | | |
| FOG BREAKER \triangleq HB3 | $\pm 12\%$ | 12.0 mm | 12.0 mm | 280 hr | 550 hr | |
| FOG BREAKER \triangleq HB4 | $\pm 15\%$ | 12.0 mm | 12.0 mm | 860 hr | 1720 hr | |

| Product description | Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | | |
|-----------------------------|---|------------------------------------|------------------------------------|
| | Primary article identifier | Candidate list substance 1 | Declaration no. in SCIP database |
| FOG BREAKER \triangleq H1 | 4052899039681 4052899932210 | No declarable substances contained | No declarable substances contained |
| FOG BREAKER \triangleq H3 | 4052899932227 4052899039704 | No declarable substances contained | No declarable substances contained |
| FOG BREAKER \triangleq H4 | 4052899932234 4052899039735 | No declarable substances contained | No declarable substances contained |
| FOG BREAKER \triangleq H7 | 4052899932203 4052899039766 | No declarable substances contained | No declarable substances contained |
| FOG BREAKER \triangleq H8 | 4052899503298 4052899233959 | No declarable substances contained | No declarable substances contained |

Product family datasheet

| Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | | | |
|--|---|---------------------------------------|---------------------------------------|
| Product description | Primary article identifier | Candidate list substance 1 | Declaration no. in SCIP database |
| FOG BREAKER ≙ H11 | 4052899932241 4052899039780 | No declarable substances contained | No declarable substances contained |
| FOG BREAKER ≙ H16 | 4052899280922 | No declarable substances contained | No declarable substances contained |
| FOG BREAKER ≙ HB3 | 4052899047556 4052899932258 4052899047532 | No declarable substances contained | No declarable substances contained |
| FOG BREAKER ≙ HB4 | 4052899047570 4052899047594 4052899932265 | No declarable substances contained | No declarable substances contained |

1) Maximum

2) Filament 1

Download Data

| File | |
|---|--|
|  | User instruction GPRS_Safety symbols instructions |

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.

