Product datasheet

NIGHT BREAKER H4-LED

OSRAM's first street-legal LED replacement lamp

OSRAM's first H4 street-legal LED replacement lamp [1)]

See and be seen more clearly, for more safety on the road, especially at night

Up to 230% more brightness [2)]

Cool White LED-Upgrade with color temperature close to daylight for specific car models

Up to 5 times more lifetime [3)]

Environmentally friendly through longer durability and less garage shop visits and reduced energy

First NIGHT BREAKER LED H4-LED

With NIGHT BREAKER H4-LED, OSRAM's first street legal[1)] LED replacement lamp is now on the market.

The plug-and-play solution offers drivers significant advantages: very high cool white color temperature of 6,000 Kelvin with up to 230% more brightness compared to the minimum requirements of ECE R112, up to 5 times longer lifespan compared to halogen lamps and an additional 50% less glare.

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Technical data

Product information

Application (Category and Product specific)	High and low beam
Product legal advice 1	1) Approved LED light source - only applies to the respective countries in which there is approval or to which an equivalent approval applies and the vehicle models and light functions currently listed in the compatibility list. For more details see www.osram.com/nb-led
Product legal advice 2	2) Compared to minimum ECE R112. On top with 50% less glare.
Product legal advice 3	3) Compared to halogen lamps

General Product Information

Global order reference	64193DWNB

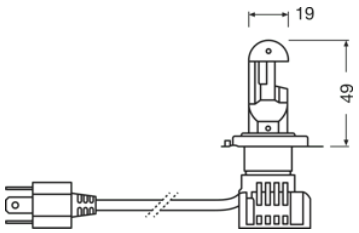
Electrical Data

Power input	27/23 W
Test voltage	13.2 V
Power input tolerance	±15 %
Nominal wattage	27 W
Nominal voltage	12 V

Photometric Data

Color temperature	6000 K
Nominal luminous flux	1650/1000 lm
Luminous flux tolerance	±15 %
Light color LED	Cool white

Physical Attributes & Dimensions



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Diameter	18.5 mm
Product weight	80.00 g
Length	87.4 mm
Lamp base	P43t
Diameter	18.5 mm

Lifetime Data

Lifespan Tc	2500 hr
Lifespan B3	1500 hr

Capabilities

Technology	LED

Certificates & standards

Standards	ABG

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Primary article identifier	4062172314206 | 4062172284691
Candidate list substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe use instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration no. in SCIP database	8e9ff543-2e16-4737-9ad4-29f7f4cbe8a3 | 6454693d-5478-4082-b473-129010c64fbc

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172284691	NIGHT BREAKER H4 LED	Folding carton box 2	140 mm x 129 mm x 61 mm	1.11 dm^3	214.00 g
4062172284707	NIGHT BREAKER H4 LED	Shipping carton box 4	150 mm x 134 mm x 142 mm	2.85 dm^3	486.00 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

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Product datasheet

	File
	User instruction NIGHT BREAKER LED
	User instruction GPRS_Safety symbols instructions
	Brochures LEDriving Retrofits - Exchange overview (EN)
	ref_pim_amsp_product360degreeimages NIGHT BREAKER LED H4-LED 64193DWNB-2HFB

Legal advice

1) Approved H4-LED headlamp. Only applies to the respective countries in which there is approval and the vehicle models and light functions currently listed in the compatibility list. For exact conditions see www.osram.com/nb-led2) compared to minimum ECE R112. On top with 50% less glare.3) compared to halogen lamps

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.

OSRAM

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