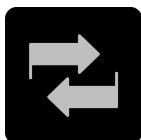


# LEDDriving DMI for BMW

Legal and powerful LED upgrade



## Dynamic LEDs

Fully dynamic LED mirror indicator with high-performance LEDs



## - Plug & Play

- Uncomplicated modification and installation- Quick modification and installation



## Up to 200% more brightness 1)

High contrast day and night due to intensive yellow LED light2)



## ECE-certified

- ECE R6/R10- Completely legal- No registration in the car documents required



### Switch on the WOW with OSRAM LEDriving dynamic mirror indicators

Innovative & Up to date Driven by our pursuit of innovation and quality, we are redefining vehicle lighting from OSRAM. With the addition of the LEDriving dynamic mirror indicators, the extensive OSRAM LED portfolio has received an additional upgrade. These fully dynamic LED mirror indicators offer an innovative design to impressively complement the individual look of your vehicle. They score based on innovative high-performance LEDs with up to 200% more brightness<sup>1)</sup> and impressive high contrast during day and night due to intensive yellow LED light<sup>2)</sup> Thanks to the latest light guide technology, they also offer a homogeneous light distribution over the to be illuminated mirror indicator surface. As result of all these aspects, there is the possibility of an improved perception of your vehicle by oncoming traffic and consequently increased safety in road traffic. In addition, OSRAM grants a 5-year guarantee<sup>3)</sup> High compatibility & Individual design The LEDriving dynamic mirror indicators are not only characterized by their innovative lighting technology but also by a high level of compatibility. So, they are compatible with a variety of vehicle models. There are also two variants to choose from: The BLACK or WHITE EDITION: both are designed to effectively bring out the individual style of numerous vehicles. While the BLACK edition impresses with a tinted, black design, the WHITE edition features a clear and white design. Due to the two different versions, the LEDriving dynamic mirror indicators adapt perfectly to the exterior of a wide variety of vehicles. Completely legal & uncomplicated conversion Accentuating the vehicle completely legally, in a straightforward and extremely stylish way with eye-catching accents is now very easy with the latest OSRAM innovations. According to the ECE guidelines, the necessary tests and approvals have been carried out on the LEDriving dynamic mirror indicators, which means that they are completely legal in road traffic and a registration into the vehicle documents is not necessary. ECE certified according to ECE R6 / R10. The Plug & Play technology ensures a quick and uncomplicated installation of the LEDriving dynamic mirror indicators, existing cables do not have to be changed or damaged. Tested OSRAM quality according to DIN EN ISO / IEC 17025 The LEDriving dynamic mirror indicator has been tested in our DIN certified environmental simulation laboratory for extreme external influences regarding water, dust, cold & warm temperatures, UV light and permanent vibrations and validated with the IP protection class IP6K9K. Application advice: BMW 1 Series: F20, F21, F52 (2011 -) BMW 2 Series: F22, F23 (2014 -) BMW 3 Series: F30, F31, F34, F35 (2011-2019) BMW 4 Series: F32, F33, F36 (2013 -) BMW X1: E84 (2009-2015) Switch on the WOW with the OSRAM LEDriving dynamic mirror indicators<sup>1)</sup> Compared to the minimum requirements of ECE R6<sup>2)</sup> Compared to other mirror indicators<sup>3)</sup> for precise conditions please refer to: [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee)

Product family datasheet

Technical data

Product description	Product information		Electrical data		Photometrical data	
	Order reference	Application (Category and Product specific)	Nominal voltage	Test voltage	Intensity	Color temperature
LEDriving DMI for BMW <sup>1)</sup>	LEDDMI F20 WT S	Side mirror indicator	12.0 V	13.2 V	min 0.6 cd	2700 K
LEDriving DMI for BMW <sup>2)</sup>	LEDDMI F20 BK S	Side mirror indicator	12.0 V	13.2 V	min 0.6 cd	2700 K

Product description	Dimensions & weight			Lifespan		Capabilities	Certificates & standards
	Height	Width	Length	Guarantee	Lifespan Tc	Technology	Standards
LEDriving DMI for BMW <sup>1)</sup>	65.0 mm	70.0 mm	255.0 mm	5 years	5000 h	LED	CCC/SAE/EAC/ECE R6, R10
LEDriving DMI for BMW <sup>2)</sup>	74.0 mm	120.0 mm	183.0 mm	5 years	5000 h	LED	CCC/SAE/EAC/ECE R6, R10





Product description	Approval marks – approval	Type of protection	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
			Date of Declaration	Primary Article Identifier
LEDriving DMI for BMW <sup>1)</sup>	E24 approval	IP6K9K	06-03-2024	4062172051286
LEDriving DMI for BMW <sup>2)</sup>	E24 approval	IP6K9K	06-03-2024	4062172052795

Product description	Candidate List Substance 1	CAS No. of substance 1	Safe Use Instruction	Declaration No. in SCIP database
LEDriving DMI for BMW <sup>1)</sup>	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	ff848576-5cc9-427b-bc9a-829cee63337a
LEDriving DMI for BMW <sup>2)</sup>	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	bb43ad84-e378-4973-b9bf-a9cd32f220f6

<sup>1)</sup> White Edition

<sup>2)</sup> Black Edition

Download Data

File	
	User instruction LEDriving DYNAMIC MIRROR INDICATOR
	Video OSRAM LEDriving dynamic mirror indicators for BMW: Product Trailer (EN)
	Video OSRAM LEDriving Dynamic Mirror Indicator BMW Installation Video (EN)
	Video OSRAM Quality Testing LEDriving dynamic Mirror Indicator (EN)

Legal advice:

The LEDriving dynamic mirror indicators are fully ECE compliant for a replacement of OEM mirror indicators and therefore registration free. This does not include individual custom requirements of countries, in addition to the standardized ECE certification of the product.

- 1) Compared to the minimum requirements of ECE R6
- 2) Compared to other mirror indicators
- 3) for precise conditions please refer to: [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee)

Application advice:

- BMW 1 Series: F20,F21,F52 (2011 -)
- BMW 2 Series:F22,F23 (2014 -)
- BMW 3 Series: F30,F31,F34,F35 (2011-2019)
- BMW 4 Series: F32,F33,F36 (2013 -)
- BMW X1:  
E84 (2009-2015)

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.

Application advice

For more detailed application information and graphics please see product datasheet.

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