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## OSRAM 64210DA07

# OSRAM LEDriving Adapter 64210DA07 Instruction Manual

Model: 64210DA07

## INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your OSRAM LEDriving Adapter 64210DA07. This adapter is specifically designed to facilitate the installation of OSRAM Night Breaker H7-LED lamps in compatible vehicles, ensuring correct fitment and electrical connection.

Please read these instructions carefully before installation to ensure safe and effective use of the product.

## SAFETY INFORMATION

- Always disconnect the vehicle's battery before performing any electrical work to prevent electric shock or damage to the vehicle's electrical system.
- Wear appropriate personal protective equipment, such as safety glasses and gloves, during installation.
- Ensure the vehicle's engine is off and cooled down before beginning installation.
- If you are unsure about any step of the installation process, consult a qualified automotive technician.
- Do not modify the adapter or the LED lamp. Unauthorized modifications can lead to malfunction, damage, or void the warranty.
- Keep the product out of reach of children.

## WHAT'S IN THE BOX

Your OSRAM LEDriving Adapter 64210DA07 package should contain the following items:

- 2x OSRAM LEDriving Adapter 64210DA07



Image: Side view of the OSRAM LEDriving Adapter 64210DA07, showing its grey plastic construction and mounting tabs.

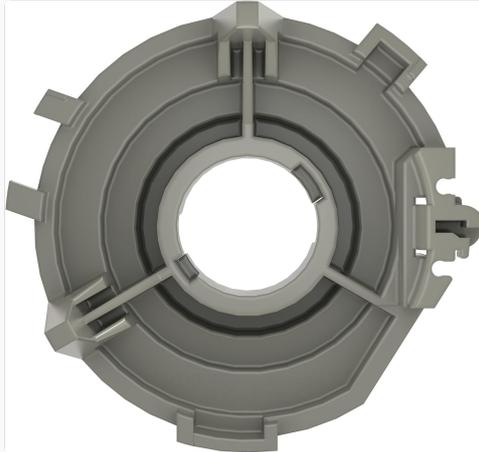


Image: Top-down view of the OSRAM LEDriving Adapter 64210DA07, illustrating the central opening for the LED lamp and surrounding structural elements.

## SETUP AND INSTALLATION

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The OSRAM LEDriving Adapter 64210DA07 is designed to provide a secure and proper fit for OSRAM Night Breaker H7-LED lamps in specific vehicle models. Refer to the official OSRAM compatibility list to confirm your vehicle's compatibility before proceeding with installation.

### Compatibility Reference

It is crucial to verify your vehicle's compatibility with the OSRAM Night Breaker H7-LED lamps and the required adapter. The following images provide an overview of the compatibility list. For the most up-to-date and detailed information, please visit the official OSRAM website or consult the full compatibility document.



**NIGHT BREAKER® LED**



- Features**
- OSRAM's first street-legal LED replacement lamps!
  - Color temperatures of up to 6,000 K
  - Up to 230% more brightness\*
  - Up to 5 times more lifetime\*

Product reference	Type	V	W	K	EAN10
64210DWNB	H7-LED	12	19	6,000	4062172155045
64160DWNB	H4-LED	12	27/23	6,000	4062172284091
64165DWNB	H1-LED	12	16	6,000	406217373791
2R2SDWNC	WSW-LED	12	1	6,000	406217352239

**LED Vehicle list - car**

Manu- facturer	Model (Variant/Type)	Year of manu- facture	Headlight approval number	Lamp type/ECE	Canbus**	Adapter**/ CAP	Installation/ Difficulty: Easy Medium Difficult
			Low beam High beam Position light				
<b>ABARTH</b>	500, 595, 695	2007-2016	E3 2596	H7-LED	-	LEDCAP11X 64210DA1	NEW
<b>ALFA ROMEO</b>	156 (932)	1997-2006	E3 54141 E3 54152	H1-LED	-	-	NEW
	916 Spider	2014-2018	E1 32	WSW-LED	-	-	NEW
	A66 (119)	1979-1983	E2 62/E2 63 E1 14499	H1-LED	-	-	NEW
	Atlasid (901, 904)	1972-1980	E1 24401 E1 14599	H4-LED	-	-	NEW
	Atlasid II (901)	1973-1985	E2 62/E2 63	H1-LED	-	-	NEW
	Atlasid Sprint (902)	1976-1983	E2 62/E2 63	H1-LED	-	-	NEW
	Alletta (116)	1972-1984	E2 62/E2 63 E1 14499	H1-LED	-	-	NEW
	Berlino (115, 105)	1968-1976	E2 62/E2 63 E1 14499	H1-LED	-	-	NEW
	QTV (165)	1967-1975	E2 62/E2 63 E1 14499	H1-LED	-	-	NEW

**LED Vehicle list - car**

Manu- facturer	Model (Variant/Type)	Year of manu- facture	Headlight approval number	Lamp type/ECE	Canbus**	Adapter**/ CAP	Installation/ Difficulty: Easy Medium Difficult
			Low beam High beam Position light				
<b>ALFA ROMEO</b>	GT (GTV (116))	1975-1986	E2 62/E2 63 E1 14499	H1-LED	-	-	NEW
	GTJ (115, 105)	1974-1975	E2 62/E2 63 E1 14499	H1-LED	-	-	NEW
	Giulia Super/ Ruovo Super (115, 105)	1971-1977	E2 62/E2 63 E1 14499	H1-LED	-	-	NEW
	Giulietta (940)	2009- <sup>†</sup>	E3 2841	H7-LED	-	-	NEW
	Giulia (952)	2016- <sup>†</sup>	E24 6280	H7-LED	-	-	NEW
	Montreal (115, 105)	1971-1977	E2 62/E2 63 E1 14499	H1-LED	-	-	NEW
	Sprint (902)	1983-1990	E3 3951/ E3 3950	H1-LED	-	-	NEW
<b>AUDI</b>	A1 (8X) Facelift	2015-2018	E9 11168	H7-LED	-	-	NEW
	A1 (8B)	2013- <sup>†</sup>	E9 22034	H7-LED	-	LEDCAP03	
	A2 (8F)	2000-2006	E9 2267/ 2068	H7-LED	-	-	
	A3 (8P)	2003- <sup>†</sup>	E1 1468/ E1 1469	H7-LED	LEDC02-1 (Optional) <sup>†</sup>	-	
	A3 (8PA)	2006- <sup>†</sup>	E1 1468/ E1 1469	H7-LED	LEDC02-1 (Optional) <sup>†</sup>	-	
	A4 (8E) B7 A4 (8H) B7 Cabriolet	2003- <sup>†</sup>	E1 1802/ E1 1803	H7-LED WSW-LED	LEDC02-1 LEDC02TR101 (Optional) <sup>†</sup>	-	
	A6, S6 (C6/4F)	2004-2011	E1 1754	H7-LED	LEDC02-1 (Optional) <sup>†</sup>	-	
	A3 (8U)	2011-2014	E9 3091	H7-LED	LEDC02-1 (Optional) <sup>†</sup>	-	
	TT (8J)	2006-2014	E1 2039	H7-LED	LEDC02-1	-	
<b>BMW</b>	1er (E81, E82, E87, E88) Facelift	2004-2007	E9 5475	H7-LED	LEDC03-1	-	
	1er (E81, E82, E87, E88) Facelift	2007-2013	E9 5475	H7-LED	LEDC03-1	-	
	1er (F20/F21) Facelift	2015-2019	E1 3999	H7-LED	LEDC03/ LEDC03-1	64210DA01	
	2er Active Tourer (UKL L/F40)	2014- <sup>†</sup>	E1 3680	H7-LED	LEDC03/ LEDC03-1	-	
	2er Gran Tourer (UKL L/F40)	2014- <sup>†</sup>	E1 3680	H7-LED	LEDC03/ LEDC03-1	-	
	2er Active Tourer F24T (UKL L/F45) Facelift 2er Gran Tourer F24T (UKL L/F45) Facelift	2019- <sup>†</sup>	E1 3680	H7-LED	LEDC03/ LEDC03-1	-	
	2er F22/F23/F8T	2014-2017	E9 14126	H7-LED	LEDC03/ LEDC03-1	-	

**LED Vehicle list - car**

Manu- facturer	Model (Variant/Type)	Year of manu- facture	Headlight approval number	Lamp type/ECE	Canbus**	Adapter**/ CAP	Installation/ Difficulty: Easy Medium Difficult
			Low beam High beam Position light				
<b>BMW</b>	3er (E90, E91, E92, E93) Facelift	2005-2009	E12 112016	H7-LED	LEDC03-1/ LEDC01	-	
	3er (F30/F31/F40)	2011-2015	E4 15473	H7-LED	LEDC03/ LEDC03-1 (Optional) <sup>†</sup>	-	
	3er (F30/F31/F40) Facelift	2015-2019	E1 4041	H7-LED	-	64210DA01	
	X1 (E84)	2015- <sup>†</sup>	E9 11708	H7-LED	LEDC03/ LEDC03-1 (Optional) <sup>†</sup>	-	
	X1 (E84) Facelift	2009-2012	E9 5880	H7-LED	LEDC03-1	-	
	X3 (F25)	2012-2015	E9 3880	H7-LED	LEDC03-1	-	
	X3 (F25) Facelift	2014-2017	E1 3543	H7-LED	LEDC03/ LEDC03-1 LEDC01	-	
<b>CITROEN</b>	C1 Gen 1	2005-2014	E2 04048	H4-LED	-	-	
	C3 Picasso	2009-2017	E1 2598	H7-LED	-	64210DA01	
	Jumpier (2)	2006-2014 <sup>†</sup>	E3 2447/ 2448	H7-LED	-	-	
	Jumpier V21 Facelift	2014- <sup>†</sup>	E24 6266	H7-LED	-	-	
<b>Dacia</b>	Duster (Ph1)	2010-2013	E1 2737	H7-LED	-	-	NEW
	Duster (Ph1) Facelift	2013-2018	E1 3669	H7-LED	-	-	NEW
	Duster (Ph2)	2018- <sup>†</sup>	E1 4583	H7-LED	-	-	NEW
	Legan 2	2015-2019	E1 3398	H7-LED	-	-	NEW
	Sandero 2	2015-2019	E1 3398	H7-LED	-	-	NEW
<b>FIAT</b>	500	2007-2016	E3 2595	H7-LED	-	LEDCAP11X 64210DA4	
	500 C	2007-2016	E3 2596	H7-LED	-	LEDCAP11X 64210DA4	
	Aegaea/Epea (356)	2015- <sup>†</sup>	E9 16020	H7-LED	-	-	
	Ducato 250 (3)	2006-2014 <sup>†</sup>	E3 2447/ 2448	H7-LED	-	-	
	Ducato 250, 290 (3)	2014- <sup>†</sup>	E24 6266	H7-LED	-	-	
	Talento	2016-2020 <sup>†</sup>	E8 6875	H4-LED	-	-	
	Topo (356)	2015- <sup>†</sup>	E9 16020	H7-LED	-	-	

**LED Vehicle list - car**

Manu- facturer	Model (Variant/Type)	Year of manu- facture	Headlight approval number	Lamp type/ECE	Canbus**	Adapter**/ CAP	Installation/ Difficulty: Easy Medium Difficult
			Low beam High beam Position light				
<b>FORD</b>	B-Max (JK6)	2012-2017	E11 13432	H7-LED	-	-	NEW
	Ecosport (JK8)	2012- <sup>†</sup>	E4 17094	H4-LED	-	-	NEW
	Fiesta 6	2001-2008	E4 9818	H4-LED	-	-	
	Fiesta (MK7) Facelift	2013- <sup>†</sup>	E8 6388	H7-LED WSW-LED	-	64210DA22	
	Fiesta (MK8)	2017- <sup>†</sup>	E4 25168	H7-LED	-	64210DA04	
	Focus (MK2)	2004-2007	E4 10178	H7-LED	-	-	
	Focus (MK3) Facelift	2014-2018	E8 7095/ 7091	H7-LED	-	64210DA04	
	Focus (MK4)	2018- <sup>†</sup>	E8 9147	H7-LED	-	LEDCAP02K 64210DA4	
	Galaxy (WA0/CX)	2015- <sup>†</sup>	E9 11642	H7-LED	-	-	
	Kuga 2	2012-2019	E9 18222	H7-LED	-	64210DA09	
	Mondeo (BA7/MKS)	2014- <sup>†</sup>	E4 18384	H7-LED	-	-	
	Ranger	2012-2016	E11 5614/ E11 5612	H4-LED	-	-	NEW
	S-Max (WA6/CJ)	2015- <sup>†</sup>	E9 11642	H7-LED	-	-	
	Tourneo Custom	2019- <sup>†</sup>	E9 16679	H7-LED	-	-	
	Tourneo Custom (Low beam reflector)	2019- <sup>†</sup>	E9 16676	H7-LED	-	LEDCAP12	
	Transit (MK7)	2014- <sup>†</sup>	E9 6992	H7-LED	-	-	
	Transit (V263)	2014- <sup>†</sup>	E9 6893	H7-LED	LEDC01 (Optional) <sup>†</sup>	-	
	Transit Custom	2019- <sup>†</sup>	E9 16679	H7-LED	-	-	
	Transit Custom (Low beam reflector)	2019- <sup>†</sup>	E9 16676	H7-LED	-	LEDCAP12	
<b>HONDA</b>	Jazz (GK)	2013- <sup>†</sup>	E4 17782	H4-LED	-	-	
<b>HYUNDAI</b>	i10 1	2008-2013	E13 2540	H4-LED	-	-	
	i20 (GB)	2014-2018	E13 14184/ 84185	H4-LED	-	-	
	i20 1 (PB)	2012-2015	E13 3518	H7-LED	-	-	
	iX35 (LM)	2010-2019	E13 13013	H7-LED	-	LEDCAP06	
	iX35 (LM)	2009-2015	E13 12712/ 13006	H7-LED	-	-	
<b>ISUZU</b>	D-MAX Gen 3	2019- <sup>†</sup>	E13 35254	H4-LED	-	-	NEW
<b>JEEP</b>	Renegade	2014- <sup>†</sup>	E24 6266	H4-LED	-	-	
	Wrangler T2	1997-2006	E11 0035	H4-LED	-	-	
	Wrangler JK	2007-2018	E11 0035	H4-LED	-	-	

Image: Page 1 of the OSRAM LEDriving compatibility list, showing various car models, years, headlight approval numbers, lamp types, and required adapters for H7-LED installations.



LED Vehicle list - car								LED Vehicle list - car								
Manu- -factor	Model (Variant/Type)	Year of manu- -facture	Headlight approval number	Lamp type/ECE	Canbus**	Adapter**/ CAP	Installation/ Difficulty: Easy Medium Difficult	Manu- -factor	Model (Variant/Type)	Year of manu- -facture	Headlight approval number	Lamp type/ECE	Canbus**	Adapter**/ CAP	Installation/ Difficulty: Easy Medium Difficult	
			Low beam High beam Position light								Low beam High beam Position light					
FORD	B-Max (JK8)	2012-2017	E13 13457	H7-LED	-	-	Difficult	MERCEDES- -BENZ	Sprinter (W907/W910)	2018-19	E9 22004	H7-LED WSW-LED	-	LEDCSCTRL01 (Optional)*	Difficult	
	Ecosport (JK8)	2012-17	E4 17094	H4-LED	-	-	Difficult		NEW	V-Klasse (W447)	2014-2019**	E1 3655	H7-LED	-	64210DA05	Difficult
	Fiesta 6	2001-2008	E4 8818	H4-LED	-	-	Difficult			Vito (W447)	2014-2019**	E1 3655	H7-LED	-	64210DA05	Difficult
	Fiesta (MK7) Facelift	2013-17	E8 6388	H7-LED	-	64210DA02	Difficult		MITSUBISHI	Spacster	2012-2019	E4 16169	H4-LED	-	-	Difficult
	Fiesta (MK8)	2017-17	E4 25168	WSW-LED	-	64210DA04	Difficult			Mirage/Attrage	2019-17	E4 27297	H4-LED	-	-	Difficult
	Focus (MK2)	2004-2007	E4 10178	H7-LED	-	-	Difficult			Spacster/Maxge (FL2) Facelift	1988-1990	E4 0324	H4-LED	-	-	Difficult
	Focus (MK3) Facelift	2014-2018	E8 7095/ 7091	H7-LED	-	64210DA04	Difficult		MORGAN	Pajero 1 (CB90)	2012-2021	E11 0035	H4-LED	-	-	Difficult
	Focus (MK4)	2018-17	E8 9147	H7-LED	-	LEDCAP02 & 64210DA01	Difficult			3 Wheeler	2009-2019	E11 0035	H4-LED	-	-	Difficult
	Galaxy (W46/CK)	2015-17	E9 11642	H7-LED	-	-	Difficult		NEW	4x4	2014-2019	E11 0035	H4-LED	-	-	Difficult
	Kuga 2	2012-2019	E9 16222	H7-LED	-	64210DA09	Difficult			Plus 4	1968-2004	E11 0035	H4-LED	-	-	Difficult
	Mondeo (B47/MK5)	2014-17	E4 18384	H7-LED	-	-	Difficult		NEW	Plus 8	2012-2019, 2021-1	E11 0035	H4-LED	-	-	Difficult
	Ranger	2012-2016	E11 5614 E11 5612	H4-LED	-	-	Difficult			Roadster	2004-2019	E11 0035	H4-LED	-	-	Difficult
	S-Max (W46/CJ)	2015-17	E9 11642	H7-LED	-	-	Difficult		NISSAN	100NX (B13)	1990-1995	E13 020289	H4-LED	-	-	Difficult
	Tourneo Custom	2019-17	E9 16678	H7-LED	-	LEDCAP12	Difficult			200SX Gen 5 (S13)	1989-1993	E4 20619/ E4 02370/ E4 02369	H4-LED	-	-	Difficult
	Tourneo Custom (Low beam reflector)	2019-17	E9 16676	H7-LED	-	LEDCAP12	Difficult		NEW	Note E12	2012-2020	E4 16212	H4-LED	-	-	Difficult
Transit (V363)	2014-17	E9 6892	H7-LED	-	LEDCAP12	Difficult	NV300	2016-2021**		E8 6875	H4-LED	-	-	Difficult		
Transit Custom	2014-17	E9 5893	H7-LED	-	LEDCAP12	Difficult	OPEL	Astra (H)	2004-2019	E1 1770	H7-LED	LEDCS01	64210DA01-1/ LEDCAP7 (Optional)	Difficult		
Transit Custom (Low beam reflector)	2019-17	E9 16676	H7-LED	-	LEDCAP12	Difficult		Astra (P-J)	2009-17	E1 2920	H7-LED	LEDCS01	64210DA01-1/ LEDCAP7 (Optional)	Difficult		
HONDA	Jazz (JK)	2015-17	E4 17782	H4-LED	-	-	Difficult	NEW	Astra (K)	2015-2022	E9 11834	H1-LED	-	-	Difficult	
	Jazz (JK)	2015-17	E4 17782	H4-LED	-	-	Difficult		Astra Sports Tourer (P-JCW)	2010-17	E1 2820	H7-LED	LEDCS01	64210DA01-1/ LEDCAP7 (Optional)	Difficult	
HYUNDAI	i10 1	2008-2013	E13 2540	H4-LED	-	-	Difficult	NEW	Astra Van (P-J/V)	2010-17	E1 2820	H7-LED	-	-	Difficult	
	i20 (GB)	2014-2018	E13 14184/ 14185	H4-LED	-	-	Difficult		Astra Sports Tourer Van (P-JCW)	2010-17	E1 2820	H7-LED	-	-	Difficult	
	i20 (FD)	2012-2015	E13 13358	H7-LED	-	-	Difficult		Grandland (X)	2017-2021	E1 4577	H7-LED	-	64210DA04	Difficult	
	i20	2010-2019	E13 13813	H7-LED	-	LEDCAP06	Difficult		Meriva (B)	2010-2017	E9 8488/ E4 14392	H7-LED	LEDCS01	64210DA04	Difficult	
	i30 (LM)	2009-2015	E13 12712/ 12506	H7-LED	-	-	Difficult		Mosano (C)	2021-17	E24 6266	H4-LED	-	-	Difficult	
ISUZU	D-Max Gen 3	2019-17	E13 35254	H4-LED	-	-	Difficult	NEW	Viavro B	2014-2019	E8 6877/ 6875	H4-LED	-	-	Difficult	
	Renegead	2014-17	E24 6266	H4-LED	-	-	Difficult									
JEEP	Wrangler TJ	1997-2006	E11 0035	H4-LED	-	-	Difficult									
	Wrangler JK	2007-2018	E11 0035	H4-LED	-	-	Difficult									
	Wrangler JK	2007-2018	E11 0035	H4-LED	-	-	Difficult									

Image: Page 2 of the OSRAM LEDriving compatibility list, continuing the list of car models and their specific requirements for H7-LED lamp installation.



internal contacts.

- 5. Insert LED Lamp with Adapter:** Insert the assembled LED lamp and adapter into the headlight housing. Ensure it is correctly oriented and seated firmly. Secure it in place using the vehicle's original retaining clip or mechanism.
- 6. Connect Electrical Connector:** Reconnect the vehicle's electrical connector to the OSRAM Night Breaker H7-LED lamp. Ensure a secure and tight connection.
- 7. Repeat for Second Headlight:** Repeat the process for the other headlight.
- 8. Test Functionality:** Reconnect the vehicle's battery. Turn on your vehicle's headlights to verify proper operation of the new LED lamps. Check both low beam and high beam functions.
- 9. Final Checks:** Ensure all removed components are reinstalled correctly and securely.

## OPERATING THE ADAPTER

The OSRAM LEDriving Adapter 64210DA07 is a passive component that facilitates the physical and electrical connection of OSRAM Night Breaker H7-LED lamps. Once installed, it operates automatically as part of your vehicle's lighting system. Its function is to ensure the LED lamp is correctly positioned and connected, allowing it to receive power and function as intended.

There are no user-adjustable settings or operational controls on the adapter itself.

## MAINTENANCE

The OSRAM LEDriving Adapter 64210DA07 requires minimal maintenance. As a static component, it is designed for long-term durability within the vehicle's headlight assembly.

- Regular Inspection:** During routine vehicle maintenance or when checking your headlights, visually inspect the adapter for any signs of damage, cracks, or loose connections.
- Cleaning:** If the adapter becomes dirty during installation or removal, wipe it gently with a clean, dry, lint-free cloth. Do not use harsh chemicals or abrasive cleaners.
- Avoid Stress:** Do not apply excessive force or stress to the adapter during installation or removal, as this can cause damage.

## TROUBLESHOOTING

If you experience issues after installing the OSRAM LEDriving Adapter and Night Breaker H7-LED lamps, consider the following:

Problem	Possible Cause	Solution
LED lamp flickers or goes out intermittently.	Poor electrical contact between the LED lamp and the adapter, or between the adapter and the vehicle's wiring.	Disconnect the battery. Carefully remove the LED lamp and adapter. Inspect the contact pins on both the LED lamp and inside the adapter. Gently bend the contact pins slightly to ensure a tighter connection if they appear loose. Reinstall and test. Ensure the vehicle's original connector is securely attached.

Problem	Possible Cause	Solution
LED lamp does not turn on.	Incorrect installation, loose connection, or incompatible vehicle/lamp combination.	Verify all connections are secure. Double-check the compatibility list for your vehicle. Ensure the LED lamp is inserted correctly into the adapter and the adapter into the headlight housing. Check vehicle fuses.
Error message on vehicle dashboard (e.g., "bulb out").	Vehicle's CAN bus system detects lower power consumption from LED lamps compared to halogen, interpreting it as a fault.	This adapter alone does not typically resolve CAN bus errors. An additional OSRAM LEDriving CANBUS CONTROL UNIT may be required for your vehicle. Consult the OSRAM compatibility list or contact OSRAM support for specific recommendations.

If troubleshooting steps do not resolve the issue, please contact OSRAM customer support or a certified automotive technician.

## SPECIFICATIONS

Attribute	Detail
Brand	OSRAM
Model	OSRAM LEDriving ADAPTER 64210DA07
Item Model Number	64210DA07
Manufacturer Part Number	64210DA07
Item Weight	0.088 ounces
Product Dimensions	1.65 x 1.31 x 0.56 inches
Position	Front
Voltage	12 Volts
Item Package Quantity	1
Global Trade Identification Number (GTIN)	04062172233835

## WARRANTY AND SUPPORT

For information regarding the warranty of your OSRAM LEDriving Adapter 64210DA07, please refer to the warranty documentation provided with your purchase or visit the official OSRAM website. Warranty terms and conditions may vary by region.

If you require technical assistance, have questions about compatibility, or need to report an issue, please contact OSRAM customer support:

- **OSRAM Official Website:** [www.osram.com](http://www.osram.com)
- **Compatibility Check:** [www.osram.com/ledcheck](http://www.osram.com/ledcheck)

- Refer to your purchase documentation for specific contact details for your region.



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