

Be road ready

osram.com/nb-led



NIGHT BREAKER® LED

Compatibility list

Motorcycle

OSRAM

Game-changing: LED automotive lighting



NEW

OSRAM NIGHT BREAKER® LED SPEED (SP)

- OSRAM's new street-legal¹ LED replacement lamp with 1:1 Design
- Dimensions & Mechanical compatibility inspired by traditional lamps
- Fast & Easy installation
- Extra brightness
- Up to 6 times more lifetime³
- Cool white color temperature of up to 6,000 K
- Up to 50% less glare²
- 5-year OSRAM Guarantee⁴



NEW

OSRAM NIGHT BREAKER® LED SMART (SM)

- OSRAM's new smart street-legal¹ LED replacement lamps with innovative compact design
- Up to 330% more brightness²
- Up to 6 times more lifetime³
- Cool white color temperature of up to 6,000 K
- Up to 50% less glare²
- 5-year OSRAM Guarantee⁴



NEW

































OSRAM NIGHT BREAKER® LED START (ST)

- OSRAM's first street-legal¹ LED replacement lamps
- Up to 230% more brightness²
- Up to 5 times more lifetime³
- Cool white color temperature of up to 6,000 K
- Up to 50% less glare²
- 3-year OSRAM Guarantee⁴ (ST)

OSRAM NIGHT BREAKER® LED SPEED / LED SMART / LED START



























































Product reference	Type	V	W	K	EAN10	
64193DWNBSM-1HB	H4-LED SM	12	20/19	6.000	4062172398114	NEW
64210DWNBSM-1HB	H7-LED SP	12	16	6.000	4062172411325	NEW
64193DWNBSM-2HB	H4-LED ST	12	27/23	6.000	4062172411042	NEW

LED Vehicle list – motorcycle

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ ECE	Canbus ^{5,7}	Adapter ^{6,7} /CAP	Installation/ Difficulty:
		Low beam High beam Position light	  			Easy  Medium  Difficult 
BMW						
G650, G650 GS, G650 Xmoto, G650 Xchallenge, Megamoto	2010-2015	E3 2473	  H4-LED SM	-	-	
			  H4-LED ST	-	-	
			 W5W-LED	LEDCCU01 (Optional) ⁹	-	
K75	1985-1996	E1 14572	  H4-LED SM	-	-	
			  H4-LED ST	-	-	
K100 RS/RT/LT, K1, K75, K1100 LT/RS	1983-1998	E1 34494	  H4-LED SM	-	-	
			  H4-LED ST	-	-	
R45, R60, R65, R75, R80, R90	1973-1976	E1 14572	  H4-LED SM	-	-	
			  H4-LED ST	-	-	



































































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LED Vehicle list – motorcycle

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number			Canbus ^{5,7}	Adapter ^{6,7} /CAP	Installation/ Difficulty:			
			Lamp type/ ECE				Low beam High beam Position light		Easy Medium Difficult	
BMW										
R100	1976-1996	E1 14572		H4-LED SM	-	-				
				H4-LED ST	-	-			NEW	
R1200 RT	2005-2013	E12 00112021		H7-LED SP	-	-				
				W5W-LED	LEDCCU01 (Optional) ⁹	-				
R nine T Scrambler	2016-2023	E13 13815		H4-LED SM	-	-				
				H4-LED ST	-	-			NEW	
				W5W-LED	LEDCCU01 (Optional) ⁹	-				
KAWASAKI										
125	2018- ⁷	E9 6598		H4-LED SM	-	-				
				H4-LED ST	-	-			NEW	
				W5W-LED	LEDCCU01 (Optional) ⁹	-				
Z250SL	2014- ⁷	E9 6598		H4-LED SM	-	-				
				H4-LED ST	-	-			NEW	
				W5W-LED	LEDCCU01 (Optional) ⁹	-			NEW	
Ninja 250SL	2014- ⁷	E9 6598		H4-LED SM	-	-			NEU	
				H4-LED ST	-	-			NEU	
				W5W-LED	LEDCCU01 (Optional) ⁹	-			NEU	
250R	2014- ⁷	E9 6598		H4-LED SM	-	-				
				H4-LED ST	-	-			NEW	
				W5W-LED	LEDCCU01 (Optional) ⁹	-				
1000	2010-2016	E11 005292		H7-LED SP	-	-				
				H7-LED SP	-	-				
				W5W-LED	LEDCCU01 (Optional) ⁹	-				
ER-6f	2009-2011	E11 005292		H7-LED SP	-	-				
				H7-LED SP	-	-				
				W5W-LED	LEDCCU01 (Optional) ⁹	-				
Z125	2018- ⁷	E9 6598		H4-LED SM	-	-				
				H4-LED ST	-	-			NEW	
				W5W-LED	LEDCCU01 (Optional) ⁹	-				
Z 1000 SX	2010-2016	E11 005292		H7-LED SP	-	-				
				H7-LED SP	-	-				
				W5W-LED	LEDCCU01 (Optional) ⁹	-				
VULCAN S	2015- ⁷	E11 6321		H4-LED SM	-	-				
				H4-LED ST	-	-			NEW	
				W5W-LED	LEDCCU01 (Optional) ⁹	-				

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LED Vehicle list – motorcycle

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number			Lamp type/ ECE	Canbus ^{5,7}	Adapter ^{6,7} /CAP	Installation/ Difficulty:		
			Low beam High beam Position light	  				Easy Medium Difficult	  	
KTM										
690 ENDURO R (KTM 690 LC4)	2019- ⁷	E13 35075		 	H4-LED SM	-	-			
				 	H4-LED ST	-	-			NEW
				W5W-LED	LEDCCU01 (Optional) ⁹	-				
690 SMC R (KTM 690 LC4)	2019- ⁷	E13 35075		 	H4-LED SM	-	-			
				 	H4-LED ST	-	-			NEW
				W5W-LED	LEDCCU01 (Optional) ⁹	-				
TRIUMPH										
Speed Triple (515)	2004- ⁸	E13 8758		 	H4-LED SM	-	-			
				 	H4-LED ST	-	-			NEW
Rocket 3 (C23XB)	2004-2017	E13 8758		 	H4-LED SM	-	-			
				 	H4-LED ST	-	-			NEW
YAMAHA										
MT-07	2014- ⁷	E4 17394		 	H4-LED SM	-	-			
				 	H4-LED ST	-	-			NEW
				W5W-LED	LEDCCU01 (Optional) ⁹	-				
RD 350	1985-1989	E4 00333 (HELLA), E4 82 (Koito)		 	H4-LED SM	-	-			
				 	H4-LED ST	-	-			NEW
SR500	1985-1989	E4 00333 (HELLA), E4 82 (Koito)		 	H4-LED SM	-	-			
				 	H4-LED ST	-	-			NEW
SRX600	1985-1989	E4 00333 (HELLA), E4 82 (Koito)		 	H4-LED SM	-	-			
				 	H4-LED ST	-	-			NEW
XT600	1984-2003	E4 00333 (HELLA), E4 82 (Koito)		 	H4-LED SM	-	-			
				 	H4-LED ST	-	-			NEW

If you own a vehicle that is not listed in the compatibility list, but has an already approved headlight registration number – please contact us at automotive-service@osram.com or +49 89 6213-3322.

- 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.
- 2) Compared to minimum ECE R112 requirements. Additionally, 50% less glare
- 3) Compared to halogen lamps
- 4) Refer to www.osram.com/am-guarantee for precise conditions
- 5) OSRAM offers Canbus control units to avoid error messages on the on-board computer when using LED lamps
- 6) OSRAM offers installation adapters to enable installation when using LED lamps
- 7) Only the combination of OSRAM NIGHT BREAKER® LED lamps in conjunction with the official OSRAM accessories – LEDriving® ADAPTER and LEDriving® SMART CANBUS (where specified) – is approved
- 8) Until end of production

More Automotive lighting

OSRAM product range 2024 – always up-to-date

Download the pdf of our current catalog that's constantly updated. www.osram.com/am-catalog-digital



Which lamps fit your vehicle?

Find out with our **Vehicle Lamp Finder** online app:

www.osram.com/vehiclelamps



Compatibility list NIGHT BREAKER® LED

The NIGHT BREAKER® LED is approved for the following vehicles or headlights¹:

www.osram.de/night-breaker-led



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