



NIGHT BREAKER® LED

Compatibility list

Motorcycle

Light is OSRAM

OSRAM

Game-changing: LED automotive lighting



NEW

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

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



























NIGHT BREAKER® LED / NIGHT BREAKER® LED GEN 2 (G2)

- 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
- 4-year OSRAM Guarantee⁴

OSRAM NIGHT BREAKER® LED / LED GEN 2 / LED SMART / LED SPEED












































































Product reference	Type	V	W	K	EAN10	
64193DWNB-1HFB	H4-LED	12	27/23	6,000	4062172382632	PHASE OUT
64193DWNBSM-1HB	H4-LED SM	12	20/19	6,000	4062172398114	NEW
64210DWNBSP-1HB	H7-LED SP	12	16	6,000	4062172411325	NEW
64210DWNBG2-1HB	H7-LED G2	12	16	6,000	4062172383301	

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		
									
BMW G650, G650 GS, G650 Xmoto, G650 Xchallenge Megamoto	2010-2015	E3 2473	 H4-LED SM	-	-	Easy  Medium  Difficult 			
			 H4-LED	-	-				
			 W5W-LED	LEDCCU01 (Optional) ⁹	-				
BMW K75	1985-1996	E1 14572	 H4-LED SM	-	-	Easy  Medium  Difficult 			
			 H4-LED	-	-				
BMW K100 RS/RT/LT, K1, K75, K1100 LT/RS	1983-1998	E1 34494	 H4-LED SM	-	-	Easy  Medium  Difficult 			
			 H4-LED	-	-				
BMW R90S, R60/6, R75/6, R90/6	1973-1976	E1 14572	 H4-LED SM	-	-	Easy  Medium  Difficult 			
			 H4-LED	-	-				





































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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 
BMW										
R100	1976-1996	E1 14572	  	H4-LED SM	-	-				
				H4-LED	-	-				
R1200 RT	2005-2013	E12 00112021	  	H7-LED SP	-	-				NEW
				H7-LED G2	-	-				
R nine T Scrambler	2016-2023	E13 13815	  	W5W-LED	LEDCCU01 (Optional) ⁹	-				NEW
				H4-LED SM	-	-				
				H4-LED	-	-				
				W5W-LED	LEDCCU01 (Optional) ⁹	-				NEW
KAWASAKI										
NINJA 125	2018- ⁷	E9 6598	  	H4-LED SM	-	-				
				H4-LED	-	-				
				W5W-LED	LEDCCU01 (Optional) ⁹	-				NEW
NINJA 250SL	2014- ⁷	E9 6598	  	H4-LED SM	-	-				
				H4-LED	-	-				
NINJA 250R	2014- ⁷	E9 6598	  	H4-LED SM	-	-				
				H4-LED	-	-				
				W5W-LED	LEDCCU01 (Optional) ⁹	-				NEW
NINJA 1000	2010-2016	E11 005292	  	H7-LED SP	-	-				NEW
				H7-LED SP	-	-				NEW
				W5W-LED	LEDCCU01 (Optional) ⁹	-				NEW
ER-6f	2009-2011	E11 005292	  	H7-LED SP	-	-				NEW
				H7-LED SP	-	-				NEW
				W5W-LED	LEDCCU01 (Optional) ⁹	-				NEW
NINJA Z125	2018- ⁷	E9 6598	  	H4-LED SM	-	-				
				H4-LED	-	-				
				W5W-LED	LEDCCU01 (Optional) ⁹	-				NEW
Z 1000 SX	2010-2016	E11 005292	  	H7-LED SP	-	-				NEW
				H7-LED SP	-	-				NEW
				W5W-LED	LEDCCU01 (Optional) ⁹	-				NEW
VULCAN S	2015- ⁷	E11 6321	  	H4-LED SM	-	-				
				H4-LED	-	-				
				W5W-LED	LEDCCU01 (Optional) ⁹	-				NEW
KTM										
690 ENDURO R (KTM 690 LC4)	2019- ⁷	E13 35075	  	H4-LED SM	-	-				
				H4-LED	-	-				
				W5W-LED	LEDCCU01 (Optional) ⁹	-				NEW

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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
KTM								
690 SMC R (KTM 690 LC4)	2019- ⁷	E13 35075	 H4-LED SM	-	-			
			 H4-LED	-	-			
			 W5W-LED	LEDCCU01 (Optional) ⁹	-			
TRIUMPH								
Speed Triple (515)	2004- ⁸	E13 8758	 H4-LED SM	-	-			
			 H4-LED	-	-			
Rocket 3 (C23XB)	2004-2017	E13 8758	 H4-LED SM	-	-			
			 H4-LED	-	-			
YAMAHA								
MT-07	2014- ⁷	E4 17394	 H4-LED SM	-	-			
			 H4-LED	-	-			
			 W5W-LED	LEDCCU01 (Optional) ⁹	-			
RD 350	1985-1989	E4 1 (HELLA), E4 82 (Koito)	 H4-LED SM	-	-			
			 H4-LED	-	-			
SR500	1985-1989	E4 1 (HELLA), E4 82 (Koito)	 H4-LED SM	-	-			
			 H4-LED	-	-			
SRX600	1985-1989	E4 1 (HELLA), E4 82 (Koito)	 H4-LED SM	-	-			
			 H4-LED	-	-			
XT600	1984-2003	E4 1 (HELLA), E4 82 (Koito)	 H4-LED SM	-	-			
			 H4-LED	-	-			

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

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