



NIGHT BREAKER® LED

Compatibility list

Motorcycle

Light is OSRAM

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



OSRAM 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
64193DWNBSM-1HB	H4-LED SM	12	20/19	6,000	4062172398114
64210DWNBSP-1HB	H7-LED SP	12	16	6,000	4062172411325
64210DWNBG2-1HB	H7-LED G2	12	16	6,000	4062172383301

PHASE OUT
NEW
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	-	-	
			 W5W-LED	LEDCCU01 (Optional) ⁹	-	
K75	1985-1996	E1 14572	  H4-LED SM	-	-	
			  H4-LED	-	-	
K100 RS/RT/LT, K1, K75, K1100 LT/RS	1983-1998	E1 34494	  H4-LED SM	-	-	
			  H4-LED	-	-	
R90S, R60/6, R75/6, R90/6	1973-1976	E1 14572	  H4-LED SM	-	-	
			  H4-LED	-	-	

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LED Vehicle list – motorcycle

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		Low beam High beam Position light	  				Easy  Medium  Difficult 
BMW							
R100	1976-1996	E1 14572	 	H4-LED SM	-	-	
			 	H4-LED	-	-	
R1200 RT	2005-2013	E12 00112021	 	H7-LED SP	-	-	
			 	H7-LED G2	-	-	
R nine T Scrambler	2016-2023	E13 13815	 	W5W-LED	LEDCCU01 (Optional) ⁹	-	
			 	H4-LED SM	-	-	
			 	H4-LED	-	-	
			 	W5W-LED	LEDCCU01 (Optional) ⁹	-	
KAWASAKI							
NINJA 125	2018- ⁷	E9 6598	 	H4-LED SM	-	-	
			 	H4-LED	-	-	
			 	W5W-LED	LEDCCU01 (Optional) ⁹	-	
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	-	
NINJA 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	-	
NINJA Z125	2018- ⁷	E9 6598	 	H4-LED SM	-	-	
			 	H4-LED	-	-	
			 	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	-	-	
			 	W5W-LED	LEDCCU01 (Optional) ⁹	-	
KTM							
690 ENDURO R (KTM 690 LC4)	2019- ⁷	E13 35075	 	H4-LED SM	-	-	
			 	H4-LED	-	-	
			 	W5W-LED	LEDCCU01 (Optional) ⁹	-	

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LED Vehicle list – motorcycle

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		Low beam	  				Easy 	
		High beam					Medium 	
Position light								
Difficult 								
KTM								
690 SMC R (KTM 690 LC4)	2019- ⁷	E13 35075	 	H4-LED SM	-	-		
			 	H4-LED	-	-		
				W5W-LED	LEDCCU01 (Optional) ⁹	-		NEW
			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	-		NEW
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	-	-		

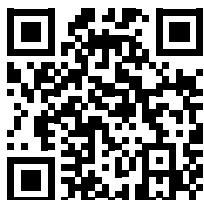
If you own a vehicle that is not listed in the compatibility list, but has an already approved headlight registration number – please contact us at automotive-service@osram.com or +49 89 6213-3322.

- 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

More Automotive lighting

Light range 2024 – always up-to-date

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



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