osram.com/nb-led

NIGHT BREAKER® LED
Compatibility list

Motorcyle

BMW	07
Ducati	08
GasGas	08
Honda	08
Kawasaki	09
KTM	10
Triumph	10
Yamaha	10

NEW
ECE Lamps
H11 and C5W
>> P. 4

Be road ready

OSRAM

LED motorcycle lighting

NIGHT BREAKER® LED[1]

Product information –
this way:
www.osram.de/ledcheck

Homologation –
Switch easily from halogen to LED light!
www.osram.com/night-breaker-led-steps

NIGHT BREAKER® LED SPEED 450 (SP 450)

Range: H4-, H7-LED

NIGHT BREAKER® LED SMART (SM)

Range: H4-, H7-LED

NIGHT BREAKER® LED VINTAGE (VNT)

Range: H4-LED + R2 adapter

Product information –
this way: www.osram.de/ledcheck

UP TO +330%² | 3000 KELVIN WARM WHITE | CONSTANT BRIGHTNESS | NO UV | UP TO 6x³ | VIBRATION RESISTANT | IP54 | R2 ADAPTER INCLUDED | ECO-FRIENDLY | GLARE FREE | 5 YEAR OSRAM GUARANTEE⁴

NIGHT BREAKER® LED W5W[8]

Range: W5W-LED

Product information –
this way: www.osram.de/ledcheck

UNIVERSAL POLARITY | EXTRA BRIGHTNESS² | COOL WHITE 5700 KELVIN | PLUG & PLAY | EASY INSTALLATION | FAST EXCHANGE | UP TO 5x³ | VIBRATION RESISTANT | ECO-FRIENDLY | 4 YEAR OSRAM GUARANTEE⁴

Application

“Vehicle Lamp Finder” at
www.osram.com/vehiclelamps

ECE R37 E1
HOMOLOGATED

NIGHT BREAKER® LED SMART ECE H11

Range: H11-LED

Product information –
this way: www.osram.com/smart-ece-h11

ECE LED motorcycle lighting

Application

“Vehicle Lamp Finder” at
www.osram.com/vehiclelamps

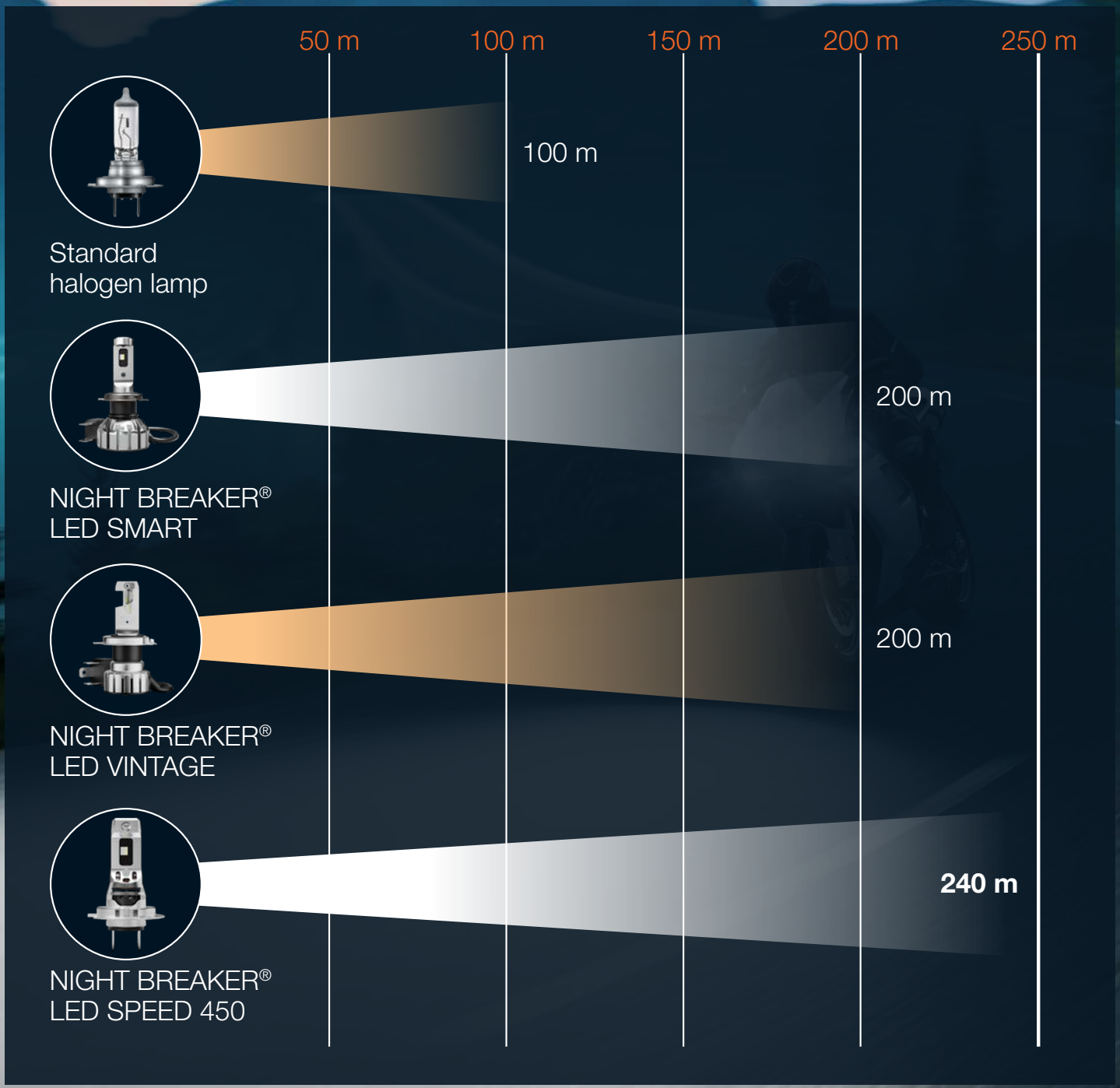
ECE R37 E1
HOMOLOGATED

NIGHT BREAKER® LED ECE C5W

Range: C5W-LED

Product information –
this way: www.osram.com/ece-c5w

Light comparison



LED accessories

Product information –
this way: www.osram.de/ledcheck

LEDriving® CANBUS CONTROL UNIT
Enables compatibility with vehicle electronics

After installing NIGHT BREAKER® LED, error messages may occasionally appear in some vehicles. We therefore recommend using the accessory components listed in the compatibility list for the respective vehicle model. In rare cases – depending on the vehicle equipment and engine type – error messages may also occur in vehicles that are not explicitly listed in the compatibility list with accessory components. Please do not hesitate to contact us if you have any further questions – using the contact form: *Light is OSRAM*.

Technical data / Order numbers

OSRAM NIGHT BREAKER® LED SPEED 450 / LED SPEED / LED SMART / LED START / LED VINTAGE

Product reference	Type	V	W	K	EAN10
64210DWNBSP-1HB	H7-LED SP 450	12	16	6.000	4062172**425360**
64193DWNBSP-1HB	H4-LED SP 450	12	14/14	6.000	4062172**422413**
64193DWNBSM-1HB	H4-LED SM	12	20/19	6.000	4062172**398114**
64193DWNBVNT-2MB	H4-LED VNT	12	20/19	3.000	4062172**421720**

OSRAM LEDriving® CANBUS CONTROL UNIT

Product reference	Type	EAN10
CANBUS CONTROL UNIT		
LEDCCU01-2HFB	Accessories W5W-LED	4052899**090873**

LED Vehicle list – motorcyle

Manufaacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Low beam / High beam / Position light	Lamp type/ECE	Canbus[5]	Adapter[5]/CAP	
BMW							
F650	1993-2000	E4 315		H4-LED SP 450	-	-	
				H4-LED SM	-	-	
				H4-LED VNT	-	-	
F800 R (K73)	2009-2019	E13 13842		H4-LED SP 450	-	-	
				H4-LED SM	-	-	
				H4-LED VNT	-	-	
				W5W-LED	LEDCCU01 (In case of error message)[7]	-	
G650, G650 GS, G650 Xmoto, G650 Xchallenge, Megamoto	2010-2015	E3 2473		H4-LED SP 450	-	-	
				H4-LED SM	-	-	
				H4-LED VNT	-	-	
				W5W-LED	LEDCCU01 (In case of error message)[7]	-	
K75	1985-1996	E1 14572		H4-LED SP 450	-	-	
				H4-LED SM	- -	- -	
				H4-LED VNT	-	-	
K100 RS/RT/LT, K1, K75, K1100 LT/RS	1983-1998	E1 34494		H4-LED SP 450	-	-	
				H4-LED SM	-	-	
				H4-LED VNT	-	-	

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LED Vehicle list – motorcyle

Manufaacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number		Lamp type/ECE	Canbus[5]	Adapter[5]/CAP	
		Low beam High beam Position light					
BMW							
R45, R60, R65, R75, R80, R90	1973-1976	E1 14572		H4-LED SP 450	-	-	
				H4-LED SM	- -	- -	
				H4-LED VNT	-	-	
R80 G/S	1980-1987	E5 408		H4-LED SP 450	-	-	
				H4-LED SM	- -	- -	
				H4-LED VNT	-	-	
R850 R / R1150 R (R21)	2001-2003	E1 14572		H4-LED SP 450	-	-	
				H4-LED SM	- -	- -	
				H4-LED VNT	-	-	
R100	1976-1996	E1 14572		H4-LED SP 450	-	-	
				H4-LED SM	- -	- -	
				H4-LED VNT	-	-	
R1100 GS	1994-1999	E1 0237		H4-LED SP 450	-	-	
R1200 RT	2005-2013	E12 00112021		H7-LED SP 450	-	-	
				H7-LED SM	-	-	
				W5W-LED	LEDCCU01 (In case of error message)[7]	-	
R nine T Scrambler	2016-2023	E13 13815		H4-LED SP 450	-	-	
				H4-LED SM	- -	- -	
				H4-LED VNT	-	-	
				W5W-LED	LEDCCU01 (In case of error message)[7]	-	
DUCATI							
Diavel	2010-2019	E13 12544		H7-LED SP 450	-	-	
Monster	1993- [6]	E1 14572		H4-LED SP 450	-	-	
				H4-LED SM	- -	- -	
				H4-LED VNT	-	-	
GASGAS							
SM700	2019- [6]	E13 35075		H4-LED SP 450	-	-	
				H4-LED SM	- -	- -	
				H4-LED VNT	-	-	
				W5W-LED	LEDCCU01 (In case of error message)[7]	-	
HONDA							
CB 1300 (SC)	1998- [6]	E13 029465		H4-LED SP 450	-	-	NEW
				H4-LED SM	- -	- -	NEW
				H4-LED VNT	-	-	NEW

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LED Vehicle list – motorcycle

Manufaacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number		Lamp type/ECE	Canbus[5]	Adapter[5]/CAP	
		Low beam High beam Position light					
HONDA							
CB 1100 (SC)	2013-2022	E13 029465		H4-LED SP 450	-	-	NEW
				H4-LED SM	- -	- -	NEW
				H4-LED VNT	-	-	NEW
VFR 800	2002-2010	E13 8036		H7-LED SP 450	-	-	
				H7-LED SP 450	-	-	
				W5W-LED	LEDCCU01 (In case of error message)[7]	-	
KAWASAKI							
Ninja 125	2018- [6]	E9 6598		H4-LED SP 450	-	-	
				H4-LED SM	-	-	
				H4-LED VNT	-	-	
				W5W-LED	LEDCCU01 (In case of error message)[7]	-	
Z250SL	2014- [6]	E9 6598		H4-LED SP 450	-	-	
				H4-LED SM	-	-	
				H4-LED VNT	-	-	
				W5W-LED	LEDCCU01 (In case of error message)[7]	-	
Ninja 250SL	2014- [6]	E9 6598		H4-LED SP 450	-	-	
				H4-LED SM	-	-	
				H4-LED VNT	-	-	
				W5W-LED	LEDCCU01 (In case of error message)[7]	-	
Ninja 1000	2010-2016	E11 005292		H7-LED SP 450	-	-	
				H7-LED SP 450	-	-	
				W5W-LED	LEDCCU01 (In case of error message)[7]	-	
ER-6f	2009-2011	E11 005292		H7-LED SP 450	-	-	
				H7-LED SP 450	-	-	
				W5W-LED	LEDCCU01 (In case of error message)[7]	-	
VULCAN S	2015- [6]	E11 6321		H4-LED SP 450	-	-	
				H4-LED SP	-	-	
				H4-LED SM	-	-	
				W5W-LED	LEDCCU01 (In case of error message)[7]	-	
Z125	2018- [6]	E9 6598		H4-LED SP 450	-	-	
				H4-LED SM	-	-	
				H4-LED VNT	-	-	
				W5W-LED	LEDCCU01 (In case of error message)[7]	-	
Z 900	2016- [6]	E4 012 4962		H7-LED SP 450	-	-	
				H7-LED SP 450	-	-	
				W5W-LED	LEDCCU01 (In case of error message)[7]	-	
Z 1000 SX	2010-2016	E11 005292		H7-LED SP 450	-	-	
				H7-LED SP 450	-	-	
				W5W-LED	LEDCCU01 (In case of error message)[7]	-	

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LED Vehicle list – motorcyle

Manufaacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Low beam / High beam / Position light	Lamp type/ECE	Canbus[5]	Adapter[5]/CAP	
KTM							
690 ENDURO R (KTM 690 LC4)	2019- [6]	E13 35075		H4-LED SP 450	-	-	
				H4-LED SM	-	-	
				H4-LED VNT	-	-	
				W5W-LED	LEDCCU01 (In case of error message)[7]	-	
690 SMC R (KTM 690 LC4)	2019- [6]	E13 35075		H4-LED SP 450	-	-	
				H4-LED SM	-	-	
				H4-LED VNT	-	-	
				W5W-LED	LEDCCU01 (In case of error message)[7]	-	
TRIUMPH							
Speed Triple R	2007-2009	E13 8758		H4-LED SP 450	-	-	
				H4-LED SM	- -	- -	
				H4-LED VNT	-	-	
Street Triple R	2007-2009	E13 8758		H4-LED SP 450	-	-	NEW
				H4-LED SM	- -	- -	NEW
				H4-LED VNT	-	-	NEW
Sprint ST (1050)	2005- [6]	E9 5509/E8 5510		H7-LED SP 450	-	-	
				W5W-LED	LEDCCU01 (In case of error message)[7]	-	
Rocket 3 (C23XB)	2004-2017	E13 8758		H4-LED SP 450	-	-	
				H4-LED SM	-	-	
				H4-LED VNT	-	-	
				W5W-LED	LEDCCU01 (In case of error message)[7]	-	
YAMAHA							
Fazer (RJ07)	2004-2006	E13 8691		H7-LED SP 450	-	-	
				W5W-LED	LEDCCU01 (In case of error message)[7]	-	
Fazer (F26)	2004-2008	E13 8691		H4-LED SP 450	-	-	
				W5W-LED	LEDCCU01 (In case of error message)[7]	-	
MT-07	2014- [6]	E4 17394		H4-LED SP 450	-	-	
				H4-LED SM	- -	- -	
				H4-LED VNT	-	-	
				W5W-LED	LEDCCU01 (In case of error message)[7]	-	
XT600	1984-2003	E4 94		H4-LED SP 450	-	-	
				H4-LED SM	-	-	
				H4-LED VNT	-	-	
RD 350	1985-1989	E4 00333 (HELLA), E4 82 (Koito)		H4-LED SP 450	-	-	
				H4-LED SM	- -	- -	
				H4-LED VNT	-	-	

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LED Vehicle list – motorcyle

Manufaacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Low beam / High beam / Position light	Lamp type/ECE	Canbus[5]	Adapter[5]/CAP	
YAMAHA							
SR500	1985-1989	E4 00333 (HELLA), E4 82 (Koito)		H4-LED SP 450	-	-	
				H4-LED SM	- -	- -	
				H4-LED VNT	-	-	
SRX600	1985-1989	E4 00333 (HELLA), E4 82 (Koito)		H4-LED SP 450	-	-	
				H4-LED SM	- -	- -	
				H4-LED VNT	-	-	
XJR 1200 / 1300	1994-2016	E13 02 1644		H4-LED SP 450	-	-	NEW
				H4-LED SM	- -	- -	NEW
				H4-LED VNT	-	-	NEW
XT600	1984-2003	E4 00333 (HELLA), E4 82 (Koito)		H4-LED SP 450	-	-	
				H4-LED SM	-	-	
				H4-LED VNT	-	-	

If you own a vehiacle that is not listed in the compatibility list, but has an already approved headlight registration number – contact us directly using the contact form: *Light is OSRAM*.

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 LEDriving® CANBUS CONTROL UNIT units to avoid error messages on the on-board computer when using LED lamps. Only the combination of OSRAM NIGHT BREAKER® LED lamps in conjunction with the official OSRAM accessories – LEDriving® CANBUS CONTROL UNIT (where specified) – is approved
6) Until end of production
7) The optional use of LEDriving® CANBUS CONTROL UNIT units in case of an error message from the on-board computer is recommended depending on the vehicle equipment
8) Approved LED light source applies to all vehicle models to specific light functions and further restrictions in the respective country. Must not be used behind red and/or yellow colored glass. Approval for use in headlights and on vehicles—such as for position, parking, and license plate lighting—has been granted in the form of a General Type Approval (ABG) for use in all vehicle models. In contrast to exterior lighting functions, interior vehicle lighting is not subject to legal restrictions regarding vehicle model or lighting function. The NIGHT BREAKER® LED W5W can therefore be used universally as a replacement light source, for example in the glove compartment, trunk, or as dashboard and reading light. For more details see: www.osram.com/nb-led.

More Automotive lighting

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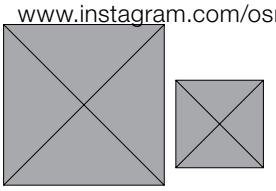

Compatibility list NIGHT BREAKER® LED
The NIGHT BREAKER® LED is approved for the following vehicles or headlights[1]:
www.osram.de/night-breaker-led

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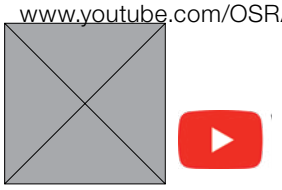

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