



# NIGHT BREAKER® LED

## Compatibility list

Cars, Campers and Special Vehicles

Abarth	07	Mini	35
Alfa Romeo	07	Mitsubishi	35
Audi	08	Nissan	36
BMW	10	Opel	37
Chevrolet	14	Peugeot	41
Citroen	15	Porsche	42
Dacia	16	Renault	43
Daihatsu	17	Saab	46
Datsun/Nissan	18	Seat	47
Ferrari	18	Skoda	49
Fiat	18	Smart	51
Ford	21	Subaru	51
Honda	25	Suzuki	51
Hyundai	26	Toyota	52
Isuzu	27	Triumph	55
Iveco	27	VEB Sachsenring	56
Jaguar	27	Volvo	56
Jeep	28	VW	59
Kia	28	XEV	70
Lada	28		
Lancia	28		
Land Rover/Rover/ British Leyland/Austin	29	Adria	71
MAN	30	Concorde	71
Maserati	30	HYMER	72
Mazda	30	LMC	72
Mercedes-Benz	31	Trigano	72

Be road ready

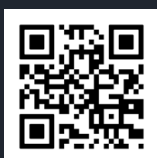
**OSRAM**

# LED automotive lighting

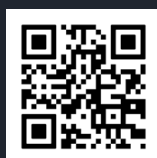
For cars, campers, motorhomes, vans, special vehicles, commercial vehicles, light trucks, motorcycles and everything in between<sup>1</sup>.



## NIGHT BREAKER® LED



Product information –  
this way:  
[www.osram.de/ledcheck](http://www.osram.de/ledcheck)



Homologation –  
Switch easily from halogen to LED light!  
[www.osram.com/night-breaker-led-steps](http://www.osram.com/night-breaker-led-steps)

### NIGHT BREAKER® LED SPEED 450 (SP 450)

Range: H4-, H7-LED

 UP TO <b>+450%</b>	 <b>1:1</b> DESIGN	 UP TO <b>6x</b>
 UP TO <b>+240m</b>	<b>5</b> YEAR OSRAM GUARANTEE	 <b>IP55</b>
 VIBRATION RESISTANT	 <b>FAST</b> EXCHANGE	
 <b>PLUG &amp; PLAY</b>	 <b>EASY</b> INSTALLATION	 <b>OEM-Quality</b>
 <b>UNIVERSAL</b> POLARITY	 <b>DE-ICING</b> FUNCTION	 <b>INTEGRATED</b> ACTIVE COOLING

### NIGHT BREAKER® LED SMART (SM)

Range: H4-, H7-, H8-, H9-, H10-, H16-, H19-, HB3-, HB4-, HIR2-LED

 UP TO <b>+330%</b>	 <b>COMPACT</b> DESIGN	 UP TO <b>6x</b>
 UP TO <b>+200m</b>	<b>5</b> YEAR OSRAM GUARANTEE	 <b>IP54</b>
 VIBRATION RESISTANT	 <b>FAST</b> EXCHANGE	
 <b>PLUG &amp; PLAY</b>	 <b>EASY</b> INSTALLATION	 <b>OEM-Quality</b>
 <b>UNIVERSAL</b> POLARITY	 <b>DE-ICING</b> FUNCTION	 <b>INTEGRATED</b> ACTIVE COOLING

### NIGHT BREAKER® LED START (ST)

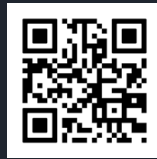
Range: H4-, H7-LED

 UP TO <b>+230%</b>	 <b>BASIC</b> DESIGN	 UP TO <b>5x</b>
 UP TO <b>+180m</b>	<b>3</b> YEAR OSRAM GUARANTEE	 <b>IP53</b>
 VIBRATION RESISTANT	 <b>FAST</b> EXCHANGE	
 <b>PLUG &amp; PLAY</b>	 <b>EASY</b> INSTALLATION	 <b>OEM-Quality</b>
 <b>UNIVERSAL</b> POLARITY	 <b>DE-ICING</b> FUNCTION	 <b>INTEGRATED</b> ACTIVE COOLING



## NIGHT BREAKER® LED VINTAGE (VNT)

Range: H4-LED + R2 adapter



Product information –  
this way: [www.osram.de/ledcheck](http://www.osram.de/ledcheck)

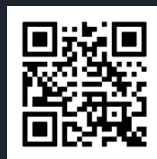


- UP TO **+330%**
- 3000** KELVIN  
WARM WHITE
- CONSTANT BRIGHTNESS
- NO UV**
- UP TO **6x**
- VIBRATION RESISTANT
- IP54**
- R2 ADAPTER INCLUDED
- ECO-FRIENDLY
- GLARE FREE
- 5 YEAR** OSRAM GUARANTEE



## NIGHT BREAKER® LED W5W

Range: W5W-LED

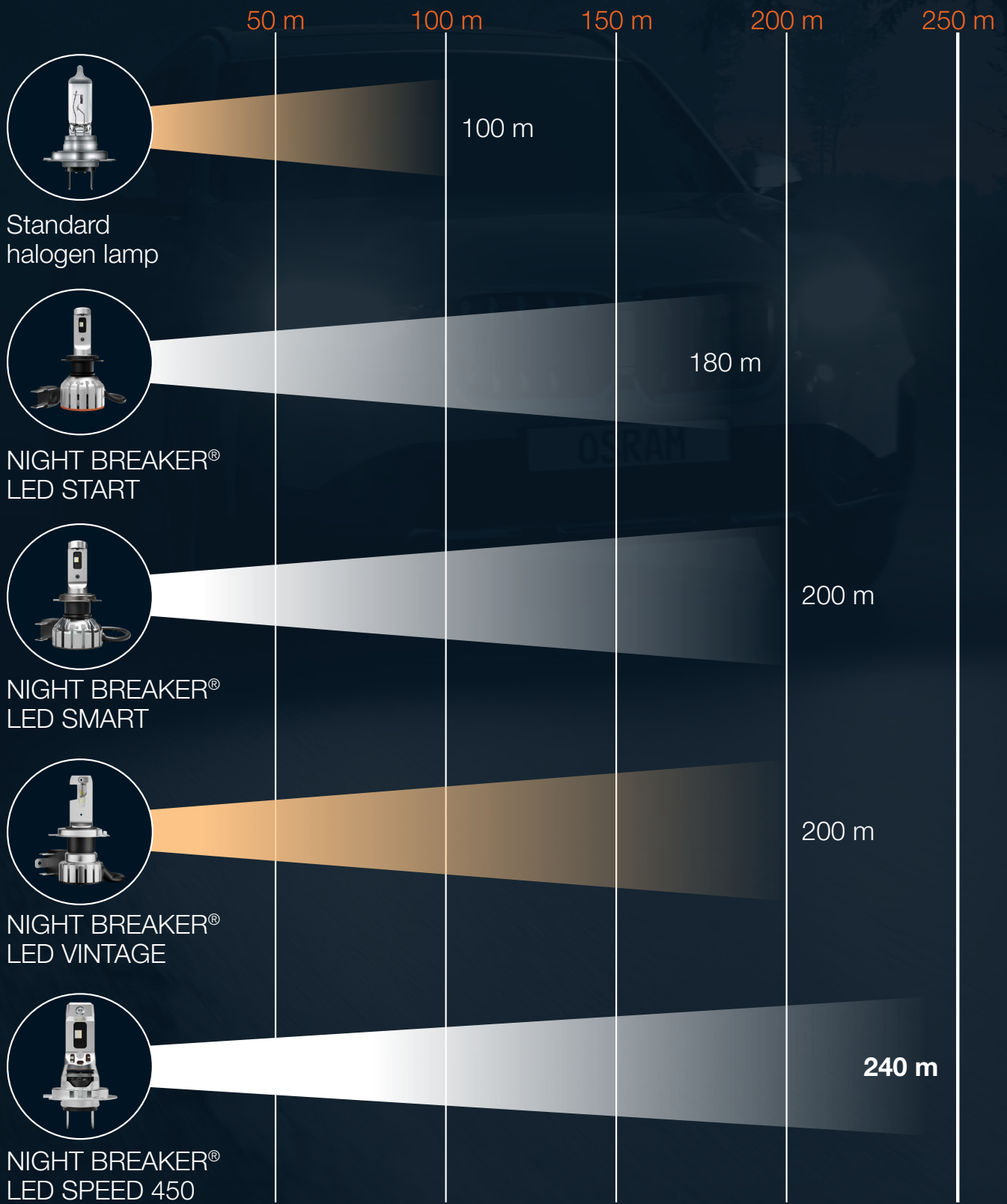


Product information –  
this way: [www.osram.de/ledcheck](http://www.osram.de/ledcheck)



- UNIVERSAL POLARITY
- PLUG & PLAY
- EASY INSTALLATION
- FAST EXCHANGE
- UP TO **5x**
- VIBRATION RESISTANT
- ECO-FRIENDLY
- 4 YEAR** OSRAM GUARANTEE

# Light comparison



# LED accessories



**LEDDriving® CAP**  
Additional Component for reliable sealing of the headlamp.



**LEDDriving® SMART CANBUS**  
Enables compatibility with vehicle electronics.



**LEDDriving® ERROR CANCELER**  
Enables compatibility with vehicle electronics.



**LEDDriving® ADAPTER**  
Enables the installation of LED retrofit lamps in headlights.



**LEDDriving® CANBUS CONTROL UNIT**  
Enables compatibility with vehicle electronics.

The compatibility list specifies whether accessories are required and exactly which accessories are needed.



Product information –  
this way:  
[www.osram.de/ledcheck](http://www.osram.de/ledcheck)






































# 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	
64150DWNB-2HFB	H1-LED	12	16	6,000	4062172373791	
64193DWNBSP-2HB	H4-LED SP 450	12	14/14	6,000	4062172422383	
64193DWNBSM-2HB	H4-LED SM	12	20/19	6,000	4062172398138	
64193DWNBST-2HB	H4-LED ST	12	27/23	6,000	4062172411042	
64193DWNBVNT-2MB	H4-LED VNT	12	20/19	3,000	4062172421720	
64193DWNBSM-2HB	H4/H19-LED SM	12	20/19	6,000	4062172426404	NEW
64210DWNBST-2HB	H7-LED ST	12	16	6,000	4062172410984	
64210DWNBSP-2HB	H7-LED SP 450	12	16	6,000	4062172425339	
64210DWNBSP-2HB	H7-LED SP	12	16	6,000	4062172411264	PHASE OUT
64210DWNBSM-2HB	H7-LED SM	12	16	6,000	4062172408332	
64212DWNBSM-2HB	H8-LED SM	12	7	6,000	4062172410212	
64213DWNBSM-2HB	H9-LED SM	12	21	6,000	4062172424851	NEW
9145DWNBSM-2HB	H10-LED SM	12	7	6,000	4062172410250	
64219DWNBSM-2HB	H16-LED SM	12	4	6,000	4062172410274	
9005DWNBSM-2HB	HB3-LED SM	12	21	6,000	4062172424837	NEW
9006DWNBSM-2HB	HB4-LED SM	12	10	6,000	4062172410236	
9012DWNBSM-2HB	HIR2-LED SM	12	21	6,000	4062172424875	NEW
2825DWNB-2HB	W5W-LED	12	1	5,700	4062172367424	

## OSRAM LEDriving® ADAPTER / CANBUS CONTROL UNIT / CAP / ERROR CANCELER / SMART CANBUS

Product reference	Type	EAN10	
<b>ADAPTER</b>			
64210DA01-1-2HFB	H7 LED accessories	4062172206532	
64210DA02-2HFB	H7 LED accessories	4062172160414	
64210DA03-1-2HFB	H7 LED accessories	4062172201872	
64210DA04-2HFB	H7 LED accessories	4062172175029	
64210DA05-2HFB	H7 LED accessories	4062172233170	
64210DA06-2HFB	H7 LED accessories	4062172183932	
64210DA06-1-2HFB	H7 LED accessories	4062172201902	
64210DA07-2HFB	H7 LED accessories	4062172233835	
64210DA08-2HFB	H7 LED accessories	4062172242745	
64210DA09-2HFB	H7 LED accessories	4062172360203	
64210DA10-2HFB	H7 LED accessories	4062172360234	
64193DA19-2HFB	H19 LED accessories	4062172425872	NEW
<b>CANBUS CONTROL UNIT</b>			
LEDCCU01-2HFB	W5W LED accessories	4052899090873	
<b>CAP</b>			
LEDCAP01	H7 LED accessories	4062172241878	
LEDCAP02	H7 LED accessories	4062172241908	
LEDCAP03	H7 LED accessories	4062172271394	
LEDCAP04	H7 LED accessories	4062172278560	
LEDCAP06	H7 LED accessories	4062172305952	
LEDCAP07	H7 LED accessories	4062172305983	
LEDCAP08	H7 LED accessories	4062172309509	
LEDCAP09	H7 LED accessories	4062172309530	
LEDCAP11	H7 LED accessories	4062172325981	
LEDCAP12	H7 LED accessories	4062172326070	
<b>ERROR CANCELER</b>			
LEDEC02-2HB	H7 LED accessories	4062172383721	
<b>SMART CANBUS</b>			
LEDSC01-2HFB	H7 LED accessories	4062172176439	
LEDSC02-1-2HFB	H7 LED accessories	4062172176460	
LEDSC03-1-2HFB	H7 LED accessories	4062172278249	
LEDSC04-2HB	H4, H19 LED accessories	4062172400725	
LEDSC05-2HB	H8, H9, H11, H16 LED accessories	4062172400756	
LEDSC06-2HB	H10, HB3, HB4 LED accessories	4062172400787	

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		<b>Low beam</b> <b>High beam</b> <b>Position light</b> <b>Fog light</b>	   		
<b>ABARTH</b>					
500, 595, 695	2007-2016	E3 2596/E3 2595	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA04
			 H7-LED ST	-	LEDCAP11& 64210DA04
<b>ALFA ROMEO</b>					
75	1985-1992	E3 40949/E3 40951	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
156 (932)	1997-2006	E3 54151/E3 54152	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
159/Brera/Spider (939)	2005-2011	E3 2335/E3 2336	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
164	1987-1992	E2 87010	 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
			 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
Alfa 6 (119)	1979-1983	E2 62/E2 63/E5 801/ E1 14499	 H4-LED VNT	-	-
			 H1-LED	-	-
			 H4-LED SP 450	-	-
			 H4-LED SM	-	-
Alfasud (901, 904)	1972-1980	E1 24401/E1 14599	 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 H1-LED	-	-
			 H4-LED SP 450	-	-
Alfasud ti (901)	1973-1985	E2 62/E2 63	 H1-LED	-	-
Alfasud Sprint (902)	1976-1983	E2 62/E2 63	 H1-LED	-	-
Alfetta (116)	1972-1984	E2 62/E2 63/E5 801/ E1 14499	 H1-LED	-	-
Berlina (115, 105)	1968-1976	E2 62/E2 63/E5 801/ E1 14499	 H1-LED	-	-
GTV (105)	1967-1975	E2 62/E2 63/E5 801/ E1 14499	 H1-LED	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>












































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number		Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		<b>Low beam</b> <b>High beam</b> <b>Position light</b> <b>Fog light</b>	   			
<b>ALFA ROMEO</b>						
GT / GTV (116)	1975-1986	E2 62/E2 63/E5 801/ E1 14499		H1-LED	-	-
GTJ (115, 105)	1974-1975	E2 62/E2 63/E5 801/ E1 14499		H1-LED	-	-
Giulia Super/ Nuova Super (115, 105)	1974-1977	E2 62/E2 63/E5 801/ E1 14499		H1-LED	-	-
Giulietta (940)	2009-2016	E3 2841		H7-LED SP 450	-	-
				H7-LED SP	-	-
				H7-LED SM	-	-
				H7-LED ST	-	-
				H1-LED	-	LEDCAP11
Giulia / GT(V)	1965-1974	E4 42/E4 1/E4 0324		H4-LED SP 450	-	-
				H4-LED SM	-	-
				H4-LED ST	-	-
				H4-LED VNT	-	-
				H4-LED VNT	-	-
Giulia (952)	2016- <sup>8</sup>	E24 6280		H7-LED SP 450	-	-
				H7-LED SP	-	-
				H7-LED SM	-	-
				H7-LED ST	-	-
Montreal (115, 105)	1971-1977	E2 62/E2 63/E5 801/ E1 14499		H1-LED	-	-
Spider (105, 115)	1966-1994	E4 1/E4 0324/E3 10066		H4-LED SP 450	-	-
				H4-LED SM	-	-
				H4-LED ST	-	-
				H4-LED VNT	-	-
				H4-LED VNT	-	-
Sprint (902)	1983-1990	E3 39551/E3 39550		H1-LED	-	-
				H1-LED	-	-
Spider / GTV 916	1994-2004	E1 78		HB3-LED SM	-	<b>NEW</b>
<b>AUDI</b>						
50	1974-1978	E1 14592		H4-LED SP 450	-	-
				H4-LED SM	-	-
				H4-LED ST	-	-
				H4-LED VNT	-	-
				H4-LED VNT	-	-
80	1985-1992	E1 34538/34539/E2 353		H1-LED	-	-
90	1985-1992	E1 34538/34539/E2 353		H1-LED	-	-
A1 (8X), (8XA) Facelift	2015-2018	E9 11198		H7-LED SP 450	-	-
				H7-LED SP	-	-
				H7-LED SM	-	-
				H7-LED ST	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450%** more brightness<sup>2</sup>












































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330%** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>AUDI</b>					
A1 (GB)	2018- <sup>8</sup>	E9 22034	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	LEDCAP03
A2 (8Z)	2000-2005	E9 5267/5268	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
A3 (8P)	2003-2008	E1 1468/E1 1469	 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
			 H7-LED SP 450	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SM	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED ST	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
A3 (8PA)	2006-2008	E1 1468/E1 1469	 H7-LED SP 450	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SM	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED ST	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
A3 (8V)	2012-2020	E26 1038/E26 1040	 H8-LED SM	-	-
A4 B7 (8E)	2003-2008	E1 1802/E1 1803	 H7-LED SP 450	2x LEDSC02-1 <sup>14</sup>	-
 H7-LED SP			2x LEDSC02-1 <sup>14</sup>	-	
A4/S4 B7 Cabriolet (8H)	2003-2009	E1 1802/E1 1803	 H7-LED SM	2x LEDSC02-1 <sup>14</sup>	-
			 H7-LED ST	2x LEDSC02-1 <sup>14</sup>	-
A4 B8 (8K)	2007-2011	E1 2413	 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
	2007-2015	E26 1038	 H7-LED SP 450	-	-
			 H8-LED SM	-	-
A4 B8 (8K) Facelift	2011-2015	E1 3064	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SP	-	-
A5 Facelift (8T)	2011-2015	E26 1038	 H7-LED SP 450	-	-
A6 C5/4B Facelift	1997-2001	E1 1247	 H8-LED SM	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP 450	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>



































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>AUDI</b>					
A6, S6 (C6/4F)	2004-2011	E1 1754	 H7-LED SP 450	LEDSC02-1 (In case of error message) <sup>9</sup> -	
			 H7-LED SP	LEDSC02-1 (In case of error message) <sup>9</sup> -	
			 H7-LED SM	LEDSC02-1 (In case of error message) <sup>9</sup> -	
			 H7-LED ST	LEDSC02-1 (In case of error message) <sup>9</sup> -	
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup> -	
Quattro B2 (85) 80/90 Quattro B2 (85) 80/90 Quattro Coupe B2 (85)	1981-1986	E1 34538/E1 34539	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Quattro/Coupe	1985-1992	E1 34538/E1 34539/ E2 353	 H1-LED	-	-
Q2	2016- <sup>8</sup>	E9 16103	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
Q3 (8U)	2011-2014	E9 6391	 H7-LED SP 450	LEDSC02-1 (In case of error message) <sup>9</sup> -	
			 H7-LED SP	LEDSC02-1 (In case of error message) <sup>9</sup> -	
			 H7-LED SM	LEDSC02-1 (In case of error message) <sup>9</sup> -	
			 H7-LED ST	LEDSC02-1 (In case of error message) <sup>9</sup> -	
TT (8J)	2006-2014	E1 2039	 H7-LED SP 450	LEDSC02-1 (In case of error message) <sup>9</sup> -	
			 H7-LED SP	LEDSC02-1 (In case of error message) <sup>9</sup> -	
			 H7-LED SM	LEDSC02-1 (In case of error message) <sup>9</sup> -	
			 H7-LED ST	LEDSC02-1 (In case of error message) <sup>9</sup> -	
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup> -	
<b>BMW</b>					
1 Series (E81, E82, E87, E88)	2004-2007	E9 5475	 H7-LED SP 450	LEDSC03-1 (In case of error message) <sup>9</sup> -	
			 H7-LED SP	LEDSC03-1 (In case of error message) <sup>9</sup> -	
			 H7-LED SM	LEDSC03-1 (In case of error message) <sup>9</sup> -	
			 H7-LED ST	LEDSC03-1 (In case of error message) <sup>9</sup> -	
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup> -	

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450%** more brightness<sup>2</sup>








































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330%** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>BMW</b>					
1 Series (E81, E82, E87, E88) Facelift	2007-2013	E9 5475	 H7-LED SP 450	LEDSC03-1 (In case of error message) <sup>9</sup> -	-
			 H7-LED SP	LEDSC03-1 (In case of error message) <sup>9</sup> -	-
			 H7-LED SM	LEDSC03-1 (In case of error message) <sup>9</sup> -	-
			 H7-LED ST	LEDSC03-1 (In case of error message) <sup>9</sup> -	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup> -	-
1 Series (F20/F21)	2012-2015	E1 3132	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA01-1
			 H7-LED ST	-	64210DA01-1
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA01-1
1 Series (F20/F21) Facelift	2015-2019	E1 3999	 H7-LED SP 450	LEDSC03-1 (In case of error message) <sup>9</sup> -	-
			 H7-LED SP	LEDSC03-1 (In case of error message) <sup>9</sup> -	-
			 H7-LED SM	LEDSC03-1 (In case of error message) <sup>9</sup> -	64210DA01-1
			 H7-LED ST	LEDSC03-1 (In case of error message) <sup>9</sup> -	64210DA01-1
			 H7-LED SP 450	-	-
2 Series Active Tourer (UKL-L/F45) 2 Series Gran Tourer (UKL-L/F46)	2014-2018	E1 3680	 H7-LED SP	-	-
			 H7-LED SM	LEDEC02 (In case of error message) <sup>9</sup> -	-
			 H7-LED ST	LEDEC02 (In case of error message) <sup>9</sup> -	-
2 Series Active Tourer F2AT UKL-L (F45) Facelift 2 Series Gran Tourer F2GT UKL-L (F46) Facelift	2018-2022	E1 3680	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	LEDEC02 (In case of error message) <sup>9</sup> -	-
			 H7-LED ST	LEDEC02 (In case of error message) <sup>9</sup> -	-
2 Series (F22/F23/F87)	2014-2017	E9 14126	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	LEDEC02 (In case of error message) <sup>9</sup> -	-
			 H7-LED ST	LEDEC02 (In case of error message) <sup>9</sup> -	-
3 Series (E21)	1975-1979	E1 14592/E4 12	 H4-LED SP 450	-	-
			 H4-LED SP	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450%** more brightness<sup>2</sup>






































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330%** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	   	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
				Low beam	High beam	Position light
<b>BMW</b>						
3 Series (E36)	1996-1999	E13 4720		 H7-LED SP 450	-	-
				 H7-LED SP	-	-
				 H7-LED SP 450	-	-
				 H7-LED SP	-	-
				 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
3 Series (E46) (Limousine, Touring)	1998-2001	E13 9175		 H7-LED SP 450	LEDSC06 (In case of error message) <sup>9</sup>	-
				 H7-LED SP	LEDSC06 (In case of error message) <sup>9</sup>	-
				 H7-LED SP 450	-	-
				 H7-LED SP	-	-
				 W5W-LED	LEDSC06 (In case of error message) <sup>9</sup>	-
3 Series (E46) Facelift (Limousine, Touring)	2001-2007	E13 9175		 H7-LED SP 450	LEDSC06 (In case of error message) <sup>9</sup>	-
				 H7-LED SP	LEDSC06 (In case of error message) <sup>9</sup>	-
				 H7-LED SP 450	-	-
				 H7-LED SP	-	-
				 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
3 Series (E90, E91, E92, E93)	2005-2009	E12 112016		 H7-LED SP 450	LEDSC03-1 (In case of error message) <sup>9</sup>	-
				 H7-LED SP	LEDSC03-1 (In case of error message) <sup>9</sup>	-
				 H7-LED SM	LEDSC03-1 (In case of error message) <sup>9</sup>	-
				 H7-LED ST	LEDSC03-1 (In case of error message) <sup>9</sup>	-
				 H7-LED SP 450	-	-
				 H7-LED SP	-	-
				 H7-LED SM	LEDEC02 (In case of error message) <sup>9</sup>	-
				 H7-LED ST	LEDEC02 (In case of error message) <sup>9</sup>	-
				 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
				3 Series (E90, 91, E92, E93) Facelift	2009-2012	E9 5518/ E4 12663
 H7-LED SP	LEDSC03-1 (In case of error message) <sup>9</sup>	-				
 H7-LED SM	LEDSC03-1 (In case of error message) <sup>9</sup>	-				
 H7-LED ST	LEDEC02 (In case of error message) <sup>9</sup>	-				
 H7-LED SP 450	-	-				
 H7-LED SP	-	-				
 H7-LED SM	LEDEC02 (In case of error message) <sup>9</sup>	-				
 H7-LED ST	LEDEC02 (In case of error message) <sup>9</sup>	-				

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>




































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>BMW</b>					
3 Series (F30/F31/F80)	2011-2015	E4 15473	 H7-LED SP 450	LEDSC03-1 (In case of error message) <sup>9</sup> -	-
			 H7-LED SP	LEDSC03-1 (In case of error message) <sup>9</sup> -	-
			 H7-LED SM	LEDSC03-1 (In case of error message) <sup>9</sup> -	-
			 H7-LED ST	LEDSC03-1 (In case of error message) <sup>9</sup> -	-
3 Series (F30/F31/F80) (RHD) <sup>13</sup>	2011-2015	E4 15474	 H7-LED SP 450	LEDSC03-1 (In case of error message) <sup>9</sup> -	-
			 H7-LED SP	LEDSC03-1 (In case of error message) <sup>9</sup> -	-
			 H7-LED SM	LEDSC03-1 (In case of error message) <sup>9</sup> -	-
			 H7-LED ST	LEDSC03-1 (In case of error message) <sup>9</sup> -	-
3 Series (F30/F31/F80) Facelift	2015-2019	E1 4041	 H7-LED SP 450	LEDSC03-1 (In case of error message) <sup>9</sup> -	-
			 H7-LED SP	LEDSC03-1 (In case of error message) <sup>9</sup> -	-
			 H7-LED SM	LEDSC03-1 (In case of error message) <sup>9</sup> -	64210DA01-1
			 H7-LED ST	LEDSC03-1 (In case of error message) <sup>9</sup> -	64210DA01-1
X1 (F48)	2015-2022	E9 11708	 H7-LED SP 450	LEDSC03-1 (In case of error message) <sup>9</sup> -	-
			 H7-LED SP	LEDSC03-1 (In case of error message) <sup>9</sup> -	-
			 H7-LED SM	LEDSC03-1 (In case of error message) <sup>9</sup> -	-
			 H7-LED ST	LEDSC03-1 (In case of error message) <sup>9</sup> -	-
		 H7-LED SP 450	-	-	
		 H7-LED SP	-	-	
		 H7-LED SM	LEDEC02 (In case of error message) <sup>9</sup> -	-	
		 H7-LED ST	LEDEC02 (In case of error message) <sup>9</sup> -	-	
		E26 1017	 H8-LED SM	-	-
			 H7-LED SP 450	LEDSC03-1 (In case of error message) <sup>9</sup> -	-
X1 (E84)	2009-2012	E9 5880	 H7-LED SP	LEDSC03-1 (In case of error message) <sup>9</sup> -	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup> -	-
			 H7-LED SP 450	LEDSC03-1 (In case of error message) <sup>9</sup> -	-
X1 (E84) Facelift	2012-2015	E9 5880	 H7-LED SP	LEDSC03-1 (In case of error message) <sup>9</sup> -	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup> -	-
			 H8-LED SM	-	-
X2 (F39)	2017-2023	E26 1017	 H8-LED SM	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>







































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>BMW</b>					
X3 (E83) Facelift	2006-2010	E1 2205	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
X3 (F25)	2010-2014	E1 2960	 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
			 H7-LED SP 450	LEDSC03-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDSC03-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SM	LEDSC03-1 (In case of error message) <sup>9</sup>	-
			 H7-LED ST	LEDSC03-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SP 450	LEDSC03-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDSC03-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SM	LEDSC03-1 (In case of error message) <sup>9</sup>	-
X3 (F25) Facelift	2014-2017	E1 3543	 H7-LED SP 450	LEDSC03-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDSC03-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SM	LEDSC03-1 (In case of error message) <sup>9</sup>	-
			 H7-LED ST	LEDSC03-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SP 450	LEDEC02 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDEC02 (In case of error message) <sup>9</sup>	-
			 H7-LED SM	LEDSC03-1 (In case of error message) <sup>9</sup>	-
			 H7-LED ST	LEDSC03-1 (In case of error message) <sup>9</sup>	-
X4 (F26)	2014-2018	E26 1017	 H8-LED SM	LEDSC05 (In case of error message) <sup>9</sup>	-
X5 (F15, F85)	2013-2018	E26 1017	 H8-LED SM	LEDSC05 (In case of error message) <sup>9</sup>	-
X6 (F15, F85)	2014-2019	E26 1017	 H8-LED SM	LEDSC05 (In case of error message) <sup>9</sup>	-
<b>CHEVROLET</b>					
Corvette C5 Einzelabnahme <sup>16</sup>	1997-2004	E13 020397	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 H4-LED VNT	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450%** more brightness<sup>2</sup>






































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330%** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>CITROEN</b>					
Berlingo 2 (B9)	2012-2018	E9 5742	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Berlingo 3 (K9)	2018- <sup>8</sup>	E9 16814	 H7-LED SP 450	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 H1-LED	-	<b>NEW</b>
C1 Gen 1	2005-2014	E2 04048	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
C1 Gen 2	2014-2022	E2 11048	 H16-LED SM	-	-
C3 Picasso	2009-2017	E1 2598	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA01-1
			 H7-LED ST	-	64210DA01-1
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
C3 SX	2017-2020	E9 16205	 H7-LED SP 450	-	-
			 H7-LED SP 450	-	-
Dispatch (RHD) <sup>13</sup>	2016-2023	E8 7782	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Jumper (2) <sup>10</sup>	2006-2014	E3 2447/E3 2448	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 H1-LED	-	<b>NEW</b>
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450%** more brightness<sup>2</sup>













































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330%** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>CITROEN</b>					
Jumper Y(2) Facelift <sup>10</sup>	2014- <sup>8</sup>	E24 6266	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
Jumper Y(2) Facelift (RHD) <sup>10,13</sup>	2014- <sup>8</sup>	E24 6267	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
Jumpy 3	2016- <sup>8</sup>	E8 7781	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Jumpy 3 (RHD) <sup>13</sup>	2016- <sup>8</sup>	E8 7782	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Space tourer	2016- <sup>8</sup>	E8 7781	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Space tourer (RHD) <sup>13</sup>	2016- <sup>8</sup>	E8 7782	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
<b>DACIA</b>					
Duster (Ph1)	2010-2013	E1 2737	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 H1-LED	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Duster (Ph1) Facelift	2013-2018	E1 3669	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 H1-LED	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450%** more brightness<sup>2</sup>











































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330%** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		<b>Low beam</b> <b>High beam</b> <b>Position light</b> <b>Fog light</b>	   		
<b>DACIA</b>					
Duster (Ph2)	2018- <sup>8</sup>	E1 4583	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 H1-LED	-	-
Logan 1 Facelift	2008-2013	E2 10022	 H4-LED SP 450	LEDSC04	-
			 H4-LED SM	LEDSC04	-
			 H4-LED ST	LEDSC04	-
			 H4-LED VNT	LEDSC04	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
			 H7-LED SP 450	-	-
Logan 2	2017-2020	E19 16003	 H7-LED SP 450	-	-
			 H7-LED SP 450	-	-
	2015-2019	E1 3398	 H7-LED SP	-	-
			 H7-LED SM	-	-
Sandero 1	2008-2012	E19 07008	 H7-LED ST	-	-
			 H4-LED SP 450	LEDSC04	-
			 H4-LED SM	LEDSC04	-
			 H4-LED ST	LEDSC04	-
			 H4-LED VNT	LEDSC04	-
Sandero 2	2017-2020	E19 16003	 H7-LED SP 450	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP 450	-	-
	2015-2019	E1 3398	 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
Spring Electric	2021- <sup>8</sup>	E8 11379	 H7-LED SP 450	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 H1-LED	-	-
<b>DAIHATSU</b>					
Sirion 2	2004-2015	E13 1228	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>

































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number		Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light				
<b>DATSUN/NISSAN</b>						
280ZX	1978-1983	E4 0324		H4-LED SP 450	-	-
				H4-LED SM	-	-
				H4-LED ST	-	-
				H4-LED VNT	-	-
280ZX	1978-1983	E4 1 (HELLA)/E4 82 (Koito)		H4-LED SP 450	-	-
				H4-LED SM	-	-
				H4-LED ST	-	-
				H4-LED VNT	-	-
<b>FERRARI</b>						
365 GTC/GTS/S	1971-1973	E5 801		H1-LED	-	-
Dino	1974-1980	E5 801		H1-LED	-	-
<b>FIAT</b>						
127 3 Series (81)	1981-1987	E9 1116		H4-LED VNT	-	64193DAR2 <sup>17</sup>
500/500 C	2007-2016	E24 8153		H7-LED SP 450	-	-
				H7-LED SP	-	-
500/500 C	2007-2016	E3 2595/2596		H7-LED SP 450	-	-
				H7-LED SP	-	-
				H7-LED SM	-	64210DA04 LED CAP11& 64210DA04
500 L	2012-2022	E13 13542/E13 13541		H7-LED SP 450	-	-
				H7-LED SM	-	-
				H7-LED SP 450	-	-
				H7-LED SM	-	-
500 X	2014-2023	E24 6272		H4-LED SP 450	-	-
				H4-LED SM	-	-
				H4-LED ST	-	-
				H4-LED VNT	-	-
500 E	2020- <sup>8</sup>	E49 0014		H19-LED SM	-	64193DA19 <b>NEW</b>
Aegea/Egea (356)	2015- <sup>8</sup>	E9 16020		H7-LED SP 450	-	-
				H7-LED SP	-	-
				H7-LED SM	-	-
				H7-LED ST	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>









































**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

LED Vehicle list – car 

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		<b>Low beam</b> <b>High beam</b> <b>Position light</b> <b>Fog light</b>	   		
<b>FIAT</b>					
Ducato 250 (3) <sup>10</sup>	2006-2014	E3 2447/E3 2448	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 H1-LED	-	<b>NEW</b>
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Ducato 250, 290 (3) Facelift <sup>10</sup>	2014- <sup>8</sup>	E24 6266	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
Ducato 250, 290 (3) Facelift (RHD) <sup>10,12</sup>	2014- <sup>8</sup>	E24 6267	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
Grande Punto, Punto, Punto Evo (199)	2005-2018	E2 04071	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
			 H4-LED SP 450	-	-
Panda (169)	2003-2012	E3 2137/E3 2138	 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
			 H4-LED SP 450	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>






































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>FIAT</b>					
Panda (312/319)	2012- <sup>8</sup>	E3 2930	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Punto (188)	1999-2007	E2 9006	 H7-LED SP 450	-	-
			 H7-LED SP 450	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Scudo	2021- <sup>8</sup>	E8 7781	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Scudo (RHD) <sup>13</sup>	2021- <sup>8</sup>	E8 7782	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Talento <sup>10</sup>	2016-2020	E8 6875	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Talento	2019- <sup>8</sup>	E8 7781	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Talento (RHD) <sup>13</sup>	2019- <sup>8</sup>	E8 7782	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Tipo (356)	2015- <sup>8</sup>	E9 16020	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
X 1/9 (128 AS1)	1972-1988	E3 0324	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450%** more brightness<sup>2</sup>










































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330%** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>FORD</b>					
B-Max (JK8)	2012-2017	E13 13457	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
B-Max (JK8)	2012-2017	E13 13410	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED ST	-	-
C-Max (DM2)	2003-2010	E4 19046	 H8-LED SM	-	-
C-Max / Grand C-Max	2010-2015	E9 5897 (Reflector)	 H7-LED SP 450	LEDSC01	-
			 H7-LED SP	LEDSC01	-
			 H7-LED SM	LEDSC01	-
			 H7-LED ST	LEDSC01	-
C-Max / Grand C-Max	2015-2019	E9 11676/E9 11678	 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Ecosport (JK8)	2012-2022	E4 17094	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 H4-LED VNT	-	-
Fiesta (MK6)	2001-2005	E4 9818	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Fiesta (MK7)	2008-2012	E8 4762	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Fiesta (MK7) Facelift (Reflector)	2013- <sup>8</sup>	E8 6388	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA02
			 H7-LED ST	-	64210DA02
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>















































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	   	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP	
							Low beam High beam Position light Fog light
<b>FORD</b>							
Fiesta (MK8)	2017- <sup>8</sup>	E4 25168		H7-LED SP 450	-	-	
					H7-LED SP	-	-
					H7-LED SM	-	64210DA04
					H7-LED ST	-	64210DA04
					W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Focus (MK2)	2004-2007	E4 10178/E4 10180		H7-LED SP 450	-	-	
					H7-LED SP	-	-
					H7-LED SM	-	-
					H7-LED ST	-	-
		W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-			
2004-2010	E4 19046		H8-LED SM	-	-		
				H7-LED SM	LEDSC01 (In case of error message) <sup>9</sup>	64210DA02	
Focus (Mk3)	2010-2014	E4 14819		H7-LED ST	LEDSC01 (In case of error message) <sup>9</sup>	64210DA02	
					W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
					H7-LED SM	LEDSC01 (In case of error message) <sup>9</sup>	64210DA02
Focus (MK3) (RHD) <sup>13</sup>	2010-2014	E4 14820		H7-LED ST	LEDSC01 (In case of error message) <sup>9</sup>	64210DA02	
					W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
					H7-LED SP 450	-	-
Focus (Mk3) Facelift	2014-2018	E8 7095		H7-LED SP	-	-	
					H7-LED SM	-	64210DA04
					H7-LED ST	-	64210DA04
					H7-LED SP 450	-	-
Focus (Mk3) Facelift	2014-2018	E8 7091		H7-LED SP	-	-	
					H7-LED SM	-	64210DA04
					H7-LED ST	-	64210DA04
					W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Focus (MK4)	2018-2022	E8 9147		H7-LED SP 450	-	-	
					H7-LED SP	-	-
					H7-LED SM	-	64210DA04
					H7-LED ST	-	LEDCAP02& 64210DA04
Focus C-Max / Grand C-Max	2004-2007	E4 10178/E4 10180		H7-LED SP 450	-	-	
					H7-LED SP	-	-
					H7-LED SM	-	-
					H7-LED ST	-	-
					W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Galaxy (WA6)	2015-2023	E9 11642/E9 11640		H7-LED SP 450	-	-	
					H7-LED SP	-	-
					H7-LED SM	-	-
					H7-LED ST	-	-
	W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-				

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>









































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>FORD</b>					
Granada (GNU)	1977-1985	E1 24466/E1 24465	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Ka (2 Gen)	2008-2016	E3 2727	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Kuga 2	2012-2019	E9 16222	 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
		E4 16381	 H7-LED SM	-	64210DA09
			 H7-LED ST	-	64210DA09
Kuga 2 Facelift	2019- <sup>8</sup>	E9 16220	 H10-LED SM	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
Kuga 3	2019- <sup>8</sup>	E9 22821	 H7-LED ST	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA09
Mondeo (BA7/MK5)	2014-2022	E4 16384	 H9-LED SM	-	<b>NEW</b>
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
Ranger <sup>19</sup>	2012-2016	E11 5614	 H7-LED ST	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
			 H4-LED SP 450	LEDSC04	-
			 H4-LED SM	LEDSC04	-
			 H4-LED ST	LEDSC04	-
			 H4-LED VNT	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>














































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number		Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   			
<b>FORD</b>						
S-Max (WA6)	2015- <sup>8</sup>	E9 11642/E9 11640		 H7-LED SP 450	-	-
				 H7-LED SP	-	-
				 H7-LED SM	-	-
				 H7-LED ST	-	-
				 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Tourneo Connect / Courier B460	2014-2022	E9 14122		 H7-LED SP 450	-	-
				 H7-LED SP	-	-
				 H7-LED SM	-	-
				 H7-LED ST	-	-
				 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Tourneo Connect / Courier B460	2018-2023	E9 16825		 H7-LED SP 450	-	-
				 H7-LED SP	-	-
				 H7-LED SM	-	-
				 H7-LED ST	-	-
				 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Tourneo Connect	2006-2013	E4 10885		 H4-LED SP 450	-	-
				 H4-LED SM	-	-
				 H4-LED ST	-	-
				 H4-LED VNT	-	-
				 H4-LED VNT	-	-
				 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
				 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Tourneo Courier / Transit Courier Mk2 (N1P)	2023- <sup>8</sup>	E9 11010		 H7-LED SP 450	-	-
				 H1-LED	-	<b>NEW</b>
Tourneo Custom <sup>10</sup>	2019-2023	E9 16678		 H7-LED SP 450	-	-
				 H7-LED SP	-	-
				 H7-LED SM	-	-
				 H7-LED ST	-	-
Tourneo Custom <sup>10</sup> (Reflector)	2019-2023	E9 16676		 H7-LED SP 450	-	-
				 H7-LED SP	-	-
				 H7-LED SM	-	-
				 H7-LED ST	-	LEDCAP12
				 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Transit 6	2006-2013	E4 10885		 H4-LED SP 450	-	-
				 H4-LED SM	-	-
				 H4-LED ST	-	-
				 H4-LED VNT	-	-
				 H4-LED VNT	-	-
				 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-

>>



**NIGHT BREAKER® LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>











































**NIGHT BREAKER® LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER® LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER® LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>FORD</b>					
Transit (MK7) <sup>10</sup>	2014- <sup>8</sup>	E9 6892	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Transit Connect / Courier B460	2014-2022	E9 14122	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Transit Connect / Courier B460	2018-2023	E9 16825	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Transit Custom	2019- <sup>8</sup>	E9 16678	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Transit Custom (Reflector)	2019- <sup>8</sup>	E9 16676	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	LEDCAP12
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Transit / Turneo V363	2014- <sup>8</sup>	E9 6893	 H7-LED SP 450	LEDSC01 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDSC01 (In case of error message) <sup>9</sup>	-
			 H7-LED SM	LEDSC01 (In case of error message) <sup>9</sup>	-
			 H7-LED ST	LEDSC01 (In case of error message) <sup>9</sup>	-
			 H7-LED ST	LEDSC01 (In case of error message) <sup>9</sup>	-
<b>HONDA</b>					
Jazz (GK)	2013-2018	E4 17782	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330%** more brightness<sup>2</sup>







































**NIGHT BREAKER®  
LED START (ST)**  
Up to **230%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330%** more brightness<sup>2</sup>

LED Vehicle list – car 

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		<b>Low beam</b> <b>High beam</b> <b>Position light</b> <b>Fog light</b>	   		
<b>HYUNDAI</b>					
i10	2013-2019	E13 13903	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
i10 (Gen 3)	2019- <sup>8</sup>	E13 35515	 H19-LED SM	-	64193DA19 <b>NEW</b>
		E13 35517	 HB3-LED SM	-	- <b>NEW</b>
i10 1	2008-2013	E13 2540	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
i20 (GB)	2014-2018	E13 14184/E13 14185	 H4-LED SP 450	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED SM	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED ST	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED VNT	LEDSC04 (In case of error message) <sup>9</sup>	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
i20 (BC3)	2020- <sup>8</sup>	E13 35905	 H19-LED SM	-	64193DA19 <b>NEW</b>
i20 1 (PB)	2012-2015	E13 13518	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
ix20 (JC)	2010-2019	E13 13013	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	LEDCAP06
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
ix20 (JC)	2010-2019	E13 13015	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>












































**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

LED Vehicle list – car 

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>HYUNDAI</b>					
i30 (FD)	2007-2012	E13 12458	 H7-LED SP 450	-	-
			 H1-LED	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
i30 (PD Facelift)	2020- <sup>8</sup>	E9 23294	 H7-LED SP 450	-	-
			 H7-LED SP 450	-	-
i30 (PD)	2017-2020	E9 16392	 H7-LED SP 450	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP 450	-	-
		E9 16394	 H7-LED SP	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SP 450	-	-
ix35 (LM)	2009-2015	E13 12806	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
Instar / Casper	2025- <sup>8</sup>	E9 22025	 H19-LED SM	-	64193DA19
			 H19-LED SM	-	-
<b>ISUZU</b>					
D-MAX Gen 3	2019-2024	E13 35254	 H4-LED SP 450	-	-
			 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
D-MAX Gen 3 Facelift	2024- <sup>8</sup>	E11 50484	 H4-LED SP 450	-	-
			 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
<b>IVECO</b>					
Daily 5 <sup>10</sup>	2011-2014	E3 2916	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H1-LED	-	-
<b>JAGUAR</b>					
XK8, XKR (X100)	1996-2005	E2 6710	 H1-LED	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>





































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		<b>Low beam</b> <b>High beam</b> <b>Position light</b> <b>Fog light</b>	   		
<b>JEEP</b>					
Renegade	2014- <sup>8</sup>	E24 6268	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Wrangler (TJ)	1997-2006	E11 0035	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Wrangler (JK)	2007-2018	E4 1/E11 0035	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
<b>KIA</b>					
Carens (RP)	2013-2019	E13 13745	 H7-LED SP 450	-	-
			 H7-LED SP 450	-	-
Cee'd (JD)	2012-2018	E9 6738	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
Rio (YB)	2017- <sup>8</sup>	E13 24874	 HB3-LED SM	-	<b>NEW</b>
Sportage (SL)	2010-2015	E13 12953	 H7-LED SP 450	-	-
			 H7-LED SP 450	-	-
			 W5W-LED	-	-
<b>LADA</b>					
Niva, 4x4, Taiga	1977- <sup>8</sup>	E11 0035/E4 1 (HELLA)	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
<b>LANCIA</b>					
2000	1970-1974	E5 801	 H1-LED	-	-
Beta	1972-1984	E5 801	 H1-LED	-	-
Fulvia	1963-1976	E5 801	 H1-LED	-	-
Flavia	1960-1970	E5 801	 H1-LED	-	-

>>



**NIGHT BREAKER® LED SPEED 450 (SP 450)**  
Up to **450%** more brightness<sup>2</sup>



**NIGHT BREAKER® LED SMART (SM)**  
Up to **330%** more brightness<sup>2</sup>















**NIGHT BREAKER® LED START (ST)**  
Up to **230%** more brightness<sup>2</sup>



**NIGHT BREAKER® LED VINTAGE (VNT)**  
Up to **330%** more brightness<sup>2</sup>

LED Vehicle list – car 

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>LANCIA</b>					
Musa	2007-2012	E4 10161	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA01-1
			 H7-LED ST	-	64210DA01-1
			 W5W-LED	LEDCCU01 (In case of error message) <sup>8</sup>	-
Ypsilon	2007-2012	E4 10161	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA01-1
			 H7-LED ST	-	64210DA01-1
			 W5W-LED	LEDCCU01 (In case of error message) <sup>8</sup>	-
<b>LAND ROVER/ROVER/ BRITISH LEYLAND/AUSTIN</b>					
Defender	1984-2016	E11 0035	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 H4-LED VNT	-	-
Freelander 2	2008-2012	E4 10233	 H7-LED SP 450	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SP	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>8</sup>	-
Land Rover	1948-1984	E11 0035	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 H4-LED VNT	-	-
Range Rover	1970-1996	E11 0035	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 H4-LED VNT	-	-
MG B, MGB GT, MGC, MG Midget	1963-1995	E11 0035	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 H4-LED VNT	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>
































**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

LED Vehicle list – car 

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number		Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   			
<b>MAN</b>						
G90 <sup>12</sup>	1979-1987	E1 14551		H4-LED SP 450	-	-
				H4-LED SM	-	-
				H4-LED ST	-	-
				H4-LED VNT	-	-
TGE <sup>10</sup>	2017- <sup>8</sup>	E8 8173		H7-LED SP 450	-	-
				H7-LED SP	-	-
				H7-LED SM	-	64210DA01-1
				H7-LED ST	-	64210DA01-1
				W5W-LED	-	-
<b>MASERATI</b>						
Khamsin	1973-1982	E5 801		H1-LED	-	-
Grand Sport, Spider, Coupe GT, 3200 GT	2004-2007	E3 9630/9631		H1-LED	-	- <b>NEW</b>
				H1-LED	-	- <b>NEW</b>
<b>MAZDA</b>						
2 (DE)	2007-2014	E4 11981		H4-LED SP 450	LEDSC04 (In case of error message) <sup>9</sup>	-
				H4-LED SM	LEDSC04 (In case of error message) <sup>9</sup>	-
				H4-LED ST	LEDSC04 (In case of error message) <sup>9</sup>	-
				H4-LED VNT	LEDSC04 (In case of error message) <sup>9</sup>	-
2 (DJ)	2014- <sup>8</sup>	E13 14125		H4-LED SP 450	-	-
				H4-LED SM	-	-
				H4-LED ST	-	-
				H4-LED VNT	-	-
323 (1)	1977-1980	E4 0324/E4 1 (HELLA)/ E4 82 (Koito)		H4-LED SP 450	-	-
				H4-LED SM	-	-
				H4-LED ST	-	-
				H4-LED VNT	-	-
				W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>











































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>MAZDA</b>					
MX5 (1)	1989-1998	E4 0324/ E4 1 (HELLA)/ E4 82 (Koito)	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
					
<b>MERCEDES-BENZ</b>					
190 (W201)	1982-1993	E1 34442/E1 34443	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
A-class (W169)	2004-2008	E1 1730	 H7-LED SP 450	LEDSC01	-
			 H7-LED SP	LEDSC01	-
			 H7-LED SM	LEDSC01	-
			 H7-LED ST	LEDSC01	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
A-class (W176)	2012-2018	E1 3255	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA01-1
			 H7-LED ST	-	64210DA01-1
A-class (W177/V177)	2018- <sup>8</sup>	E8 9130	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA01-1
B-class (W242, W246)	2011-2018	E1 2994/E1 3748	 H7-LED ST	-	64210DA01-1
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA03-1
			 H7-LED ST	-	64210DA03-1
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA03-1
 H7-LED ST	-	64210DA03-1			
B-class (W247)	2018- <sup>8</sup>	E8 9647	 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA01-1
			 H7-LED ST	-	64210DA01-1

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>










































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>MERCEDES-BENZ</b>					
C-class (W203/S203)	2000-2004	E1 868/E1 867	 H7-LED SP 450	LEDSC01 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDSC01 (In case of error message) <sup>9</sup>	-
			 H7-LED SM	LEDSC01 (In case of error message) <sup>9</sup>	-
			 H7-LED ST	LEDSC01 (In case of error message) <sup>9</sup>	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
C-class (W203 CL)	2001-2004	E1 1010/E1 1011	 H7-LED SM	LEDSC01 (In case of error message) <sup>9</sup>	64210DA01-1
			 H7-LED ST	LEDSC01 (In case of error message) <sup>9</sup>	64210DA01-1
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
C-class (W204/S204)	2007-2011	E1 2241	 H7-LED SP 450	LEDSC01 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDSC01 (In case of error message) <sup>9</sup>	-
			 H7-LED SM	LEDSC01 (In case of error message) <sup>9</sup>	-
			 H7-LED SP 450	LEDSC01 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDSC01 (In case of error message) <sup>9</sup>	-
			 H7-LED SM	LEDSC01 (In case of error message) <sup>9</sup>	-
			 H7-LED ST	LEDSC01 (In case of error message) <sup>9</sup>	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
			 H7-LED SM	LEDSC01 (In case of error message) <sup>9</sup>	64210DA03-1
C-class (W204/S204) Facelift	2011-2014	E1 2950	 H7-LED ST	LEDSC01 (In case of error message) <sup>9</sup>	64210DA03-1
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA03-1
			 H7-LED ST	-	64210DA03-1
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
C-class (W205/S205)	2014-2018	E1 3528	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA03-1
			 H7-LED ST	-	64210DA03-1
CLA (118)	2019- <sup>8</sup>	E1 4800	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA01-1
CLA 245 G (C117, X117)	2013-2018	E1 3326	 H7-LED ST	-	64210DA01-1
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED ST	-	64210DA03-1
			 H7-LED SM	-	64210DA03-1

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>





































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>MERCEDES-BENZ</b>					
Citan (W415)	2012-2021	E11 5814	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Citan (W420)	2021- <sup>8</sup>	E8 9647/E1 3748	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA01-1
			 H7-LED ST	-	64210DA01-1
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
G-class (W460) <sup>12</sup>	1979-1992	E1 14551	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 H4-LED SP 450	LEDSC04 (In case of error message) <sup>9</sup>	-
G-class (W461/W462/W463) (RHD) <sup>12,13</sup>	1992-2018	E12 20016	 H4-LED SM	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED ST	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED VNT	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED SP 450	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED SM	LEDSC04 (In case of error message) <sup>9</sup>	-
G-class (W461/W462/W463) <sup>12</sup>	1992-2018	E1 14551	 H4-LED ST	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED VNT	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA03-1
GLA (X156)	2013-2020	E1 3504	 H7-LED ST	-	64210DA03-1
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
GLB (X247)	2019- <sup>8</sup>	E1 4828	 H7-LED SM	-	64210DA01-1
			 H7-LED ST	-	64210DA01-1

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>







































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>MERCEDES-BENZ</b>					
GLC (X253)	2016- <sup>8</sup>	E4 18438	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
Marco Polo Camper (W447) <sup>10</sup>	2014-2019 <sup>8</sup>	E1 3655	 H7-LED SP 450	-	-
			 H7-LED SP	-	64210DA07
			 H7-LED ST	-	64210DA07
S-class (W126)	1979-1991	E1 24538/E1 24539	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
SL, SLC (C107, R107)	1971-1989	E4 9/E4 10	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
SLK (R172)	2011-2020	E4 14409	 H7-LED SP 450	LEDSC01 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDSC01 (In case of error message) <sup>9</sup>	-
			 H7-LED SM	LEDSC01 (In case of error message) <sup>9</sup>	-
			 H7-LED ST	LEDSC01 (In case of error message) <sup>9</sup>	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
Sprinter (W906/B906) <sup>10</sup>	2006-2013	E4 10881	 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
			 H7-LED SP 450	2x LEDSC01 <sup>14</sup>	-
			 H7-LED SP	2x LEDSC01 <sup>14</sup>	-
			 H7-LED SM	2x LEDSC01 <sup>14</sup>	-
			 H7-LED ST	2x LEDSC01 <sup>14</sup>	-
			 H7-LED SM	2x LEDSC01 <sup>14</sup>	64210DA01-1
			 H7-LED ST	2x LEDSC01 <sup>14</sup>	64210DA01-1
		 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-	
		E26 925	 HB4-LED SM	LEDSC06	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>






































**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

LED Vehicle list – car 

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7/CAP</sup>
		<b>Low beam</b> <b>High beam</b> <b>Position light</b> <b>Fog light</b>	   		
<b>MERCEDES-BENZ</b>					
Sprinter (W907/W910) <sup>10</sup>	2018- <sup>8</sup>	E9 22004	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
V-class (W447) <sup>10</sup>	2014-2019 <sup>10</sup>	E1 3655	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA07
			 H7-LED ST	-	64210DA07
Vito (W447) <sup>10</sup>	2014-2019	E1 3655	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA07
			 H7-LED ST	-	64210DA07
<b>MINI</b>					
Mini	1959-2000	E11 0035	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
<b>MITSUBISHI</b>					
Spacestar Mirage/Attrage	2012-2019	E4 16195	 H4-LED SP 450	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED SM	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED ST	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED VNT	LEDSC04 (In case of error message) <sup>9</sup>	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Spacestar/Mirage (FL2) Facelift	2019- <sup>8</sup>	E4 27297	 H4-LED SP 450	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED SM	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED ST	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED VNT	LEDSC04 (In case of error message) <sup>9</sup>	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Pajero 1 (C890)	1988-1990	E4 0324/E4 1 (HELLA)/ E4 82 (Koito)	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>MORGAN</b>					
3 Wheeler	2012-2021	E11 0035	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
4/4	2009-2019	E11 0035	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Plus 4	2004-2019	E11 0035	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Plus 8	1968-2004, 2012-2018, 2021- <sup>8</sup>	E11 0035	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Roadster	2004-2019	E11 0035	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
<b>NISSAN</b>					
100NX (B13)	1990-1995	E13 020289	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>

































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		<b>Low beam</b> <b>High beam</b> <b>Position light</b> <b>Fog light</b>	   		
<b>NISSAN</b>					
200SX Gen 5 (S13)	1989-1993	E4 20619/E4 02370/ E4 02369	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Note E12	2012-2020	E4 16212	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
NV300 <sup>10</sup>	2016-2021	E8 6875	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
X-Trail (T30)	2001-2007	E13 7511	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
<b>OPEL</b>					
Adam	2012-2019	E8 6509	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
Astra (H)	2004-2010	E1 1770	 H7-LED SM	2x LEDSC01 (In case of error message) <sup>14</sup>	64210DA01-1
			 H7-LED ST	2x LEDSC01 (In case of error message) <sup>14</sup>	64210DA01-1
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Astra (K)	2015-2022	E9 11834	 H1-LED	-	-
Astra (P-J) Astra Sports Tourer (P-J/SW) Astra Van (P-J/V) Astra Sports Tourer Van (P-J/SW/V)	2009- <sup>8</sup>	E1 2820	 H7-LED SM	2x LEDSC01 <sup>14</sup>	64210DA01-1
			 H7-LED ST	2x LEDSC01 <sup>14</sup>	64210DA01-1& LEDCAP07 (In case of error message) <sup>9</sup>
Combo (E)	2018- <sup>8</sup>	E9 16808	 H7-LED SP 450	-	-
			 H7-LED SP	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450%** more brightness<sup>2</sup>




































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330%** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>OPEL</b>					
Commodore	1978-1982	E1 24480/E1 24479	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Corsa (A)	1982-1993	E4 159/E4 160/ E9 0020045/E9 0020057	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Corsa (D)	2006-2010	E9 5642	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
Corsa (D)	2006-2014	E4 19268	 H10-LED SM	LEDCCU01 (In case of error message) <sup>9</sup>	-
Corsa (D) Facelift	2010-2014	E9 5969	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
Corsa (E) <sup>18</sup>	2014-2019	E26 9047	 H7-LED SM	2x LEDSC01 (In case of error message) <sup>14</sup>	64210DA04
			 H7-LED SP 450	-	-
		 H7-LED SP	-	-	
		 H7-LED SM	-	64210DA04	
Corsa/Corsa-e (F)	2019-2023	E9 22842	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
Grandland (X)	2017-2021	E1 4577	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA04
			 H7-LED ST	-	64210DA04
Insignia (A)	2008-2017	E1 2622	 H7-LED SP 450	LEDSC01 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDSC01 (In case of error message) <sup>9</sup>	-
		 H7-LED SM	LEDSC01 (In case of error message) <sup>9</sup>	64210DA01-1	
		 H7-LED ST	LEDSC01 (In case of error message) <sup>9</sup>	64210DA01-1	
Insignia (A FL)	2013-2017	E1 3659	 H10-LED SM	-	-
			 HIR2-LED SM	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450%** more brightness<sup>2</sup>













































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330%** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>OPEL</b>					
Meriva (B)	2010-2014	E4 14392	 H7-LED SP 450	LEDSC01 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDSC01 (In case of error message) <sup>9</sup>	-
			 H7-LED SM	LEDSC01 (In case of error message) <sup>9</sup>	-
			 H7-LED ST	LEDSC01 (In case of error message) <sup>9</sup>	-
	2010-2017	E4 14392	 H1-LED	-	-
Meriva (B)	2014-2017	E8 6848	 H7-LED SM	LEDSC01	64210DA04
			 H7-LED ST	LEDSC01	64210DA04
	2010-2017	E4 19268	 H10-LED SM	-	-
Mokka	2012-2016	E13 34732/E13 34733	 H7-LED SP 450	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
Mokka (A)	2016-2021	E13 13562	 HB3-LED SM	-	- <b>NEW</b>
Monza A1	1978-1982	E1 24480/E1 24479	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 H4-LED VNT	-	-
Monza A2	1982-1986	E1 34451/E1 34452	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 H4-LED VNT	-	-
Movano (C) <sup>10</sup>	2021- <sup>8</sup>	E24 6266	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
Movano (C) (RHD) <sup>10, 13</sup>	2021- <sup>8</sup>	E24 6267	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>




































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		<b>Low beam</b> <b>High beam</b> <b>Position light</b> <b>Fog light</b>	   		
<b>OPEL</b>					
Rekord	1982-1986	E1 34451/E1 34452	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Rekord Caravan	1982-1986	E1 34451/E1 34452	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Senator A1	1978-1982	E1 24480/E1 24479	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Senator A2	1982-1986	E1 34451/E1 34452	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Vivaro B <sup>10</sup>	2014-2019	E8 6877/E8 6875	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Vivaro C	2019- <sup>8</sup>	E8 7781	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Vivaro C (RHD) <sup>13</sup>	2019- <sup>8</sup>	E8 7782	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Zafira Life	2019- <sup>8</sup>	E8 7781	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>






































**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

LED Vehicle list – car 

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>OPEL</b>					
Zafira Life (RHD) <sup>13</sup>	2019- <sup>8</sup>	E8 7782	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Zafira C / Tourer	2016-2019	E1 4238	 H7-LED SM	LEDSC01 (In case of error message) <sup>9</sup>	64210DA03-1
			 H7-LED ST	LEDSC01 (In case of error message) <sup>9</sup>	64210DA03-1& LEDCAP07
<b>PEUGEOT</b>					
108	2014-2022	E2 11048	 H16-LED SM	-	-
206	1998-2003	E9 5182	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
208	2012-2015	E2 10121	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA10
			 H7-LED ST	-	64210DA10
208 Facelift	2015-2019	E9 11726	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	LEDCAP09
			 H7-LED ST	-	LEDCAP09
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA10
			 H7-LED ST	-	64210DA10
308 (L/II)	2013-2021	E24 6284	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	LEDCAP11
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
308 (L/II)	2013-2021	E24 6252	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>















































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>PEUGEOT</b>					
Boxer (2) <sup>10</sup>	2006-2014	E3 2447/E3 2448	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 H1-LED	-	<b>NEW</b>
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Boxer Y(2) Facelift <sup>10</sup>	2014- <sup>8</sup>	E24 6266	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
Boxer Y(2) Facelift (RHD) <sup>10,13</sup>	2014- <sup>8</sup>	E24 6267	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
Partner	2018- <sup>8</sup>	E9 16804	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 H1-LED	-	-
Rifter	2018- <sup>8</sup>	E9 16804	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 H1-LED	-	-
<b>PORSCHE</b>					
911 (996)	1997-2006	E13 9019 E13 9020	 H7-LED SP 450	-	-
			 H7-LED SP 450	-	-
			 W5W-LED	-	-
914	1969-1975	E4 0324/E4 1 (HELLA)	 H4-LED SP 450	-	-
			 H4-LED SP	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>






































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>PORSCHE</b>					
924	1975-1988	E1 14551	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
944	1981-1991	E1 14551	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
968	1991–1995	E13 1279	 H4-LED SP 450	-	-
Macan	2014-2018	E4 17089	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
<b>RENAULT</b>					
Clio 3	2005-2009	E2 04062	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H1-LED	-	-
Clio 3	2005-2009	E2 08136	 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
			 H1-LED	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
Clio 3 Facelift	2009-2014	E2 08134	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
			 H7-LED SP 450	-	-
Clio 4	2012-2020	E1 3362	 H7-LED SP 450	-	-
			 H7-LED SP	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>






































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>RENAULT</b>					
Kangoo (FW)	2013-2020	E11 5827	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Kangoo 2 Facelift	2013-2021	E11 5827	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Kangoo Express Z.E. (FW)	2011-2013	E11 5827	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Kangoo TPMR, Be Bop, Express (W, FW, KW)	2008-2013	E13 2442	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Kangoo 3	2021- <sup>8</sup>	E4 28310	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
Master 3 2. Facelift <sup>10</sup>	2019-2024	E8 10050	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
Megane 3	2008-2012	E1 2538	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450%** more brightness<sup>2</sup>
















































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330%** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>RENAULT</b>					
Megane 3 <sup>11</sup>	2008-2012	E1 3674	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	keine Kappe, aber spezielle Montageanleitung
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	keine Kappe, aber spezielle Montageanleitung
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Megane 3 Facelift	2012-2016	E1 2538	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Megane 3 Facelift <sup>11</sup>	2012-2016	E1 3674	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	keine Kappe, aber spezielle Montageanleitung
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	keine Kappe, aber spezielle Montageanleitung
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Megane 4	2016-2020	E9 11935	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA09
			 H7-LED ST	-	64210DA09
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
Scenic 3	2009-2012	E2 08119	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 W5W-LED	-	-
Scenic, Grand Scenic 3 Facelift	2012-2016	E9 6621	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>


































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>RENAULT</b>					
Trafic 3 <sup>10</sup>	2014-2021	E8 6875	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Twingo 2	2007-2012	E1 2340	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Twingo 2 Facelift	2012-2014	E9 6447	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Twingo 3	2014-2024	E8 7032	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
<b>SAAB</b>					
9-3 (YS3F)	2007-2011	E1 2411	 H7-LED SP 450	-	-
			 H7-LED SM	-	64210DA06-1
9-5 (YS3E)	2002-2005	E2 1284	 H7-LED SP 450	LEDSC01	-
			 H7-LED SM	LEDSC01	-
			 H7-LED ST	LEDSC01	-
			 H7-LED SP 450	LEDSC01	-
			 H7-LED SM	LEDSC01	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450%** more brightness<sup>2</sup>




































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330%** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>SAAB</b>					
900 (I)	1978-1994	E5 00002	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
900 (II)	1993-1998	E4 10395	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
<b>SEAT</b>					
Alhambra 2 (7N)	2010-2022	E1 2853	 H7-LED SP 450	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SM	LEDSC02-1 (In case of error message) <sup>9</sup>	64210DA08
			 H7-LED ST	LEDSC02-1 (In case of error message) <sup>9</sup>	64210DA08
		 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-	
		E26 925	 HB4-LED SM	LEDSC06 (In case of error message) <sup>9</sup>	-
Altea / Altea XL	2005-2012	E9 5428	 H7-LED SP 450	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SM	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED ST	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Arona KJ	2017-2021	E9 16479/E9 16481	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
Ateca	2016-2020	E9 14198	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>








































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>SEAT</b>					
Ibiza 4 (6J5, 6P1, 6JN)	2008-2017	E9 5788	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Ibiza 5 (6F)	2017-2021	E9 16479	 H7-LED SP 450	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDSC02-1 (In case of error message) <sup>9</sup>	-
Ibiza 5 (6F)	2017-2021	E9 16481	 H7-LED SP 450	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDSC02-1 (In case of error message) <sup>9</sup>	-
Leon (1M1)	1999-2006	E9 5165	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 H1-LED	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Leon 2 (1P)	2005-2012	E9 5428	 H7-LED SP 450	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SM	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED ST	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
			 W5W-LED	LEDSC02-1 (In case of error message) <sup>9</sup>	-
Leon 3 (5F)	2012-2017	E9 14064	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
Leon 3 (5F) Facelift	2017-2020	E9 14220	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
Mii	2011-2019	E1 3215	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>





























**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
<b>SEAT</b>					
Mii electric	2020-2021	E1 3215	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Toledo 2	1999-2004	E9 5165	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 H1-LED	-	-
Toledo 3 (5P)	2004-2009	E9 5428	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
<b>SKODA</b>					
Citigo (NF1)	2011-2017	E1 3192	 H4-LED SP 450	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED SM	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED ST	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED VNT	LEDSC04 (In case of error message) <sup>9</sup>	-
Citigo, e Citigo Facelift	2017-2021	E8 8061	 H7-LED SP 450	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SM	LEDSC02-1 (In case of error message) <sup>9</sup>	64210DA01-1
			 H7-LED ST	LEDSC02-1 (In case of error message) <sup>9</sup>	64210DA01-1
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA01-1
Fabia 2 (5J)	2007-2014	E1 2918/E8 4141	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>







































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7/CAP</sup>
		<b>Low beam</b> <b>High beam</b> <b>Position light</b> <b>Fog light</b>	   		
<b>SKODA</b>					
Karoq (NU/ND)	2017- <sup>8</sup>	E8 8918	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Kodiaq	2017-2023	E8 8429	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA01-1
			 H7-LED ST	-	64210DA01-1
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Octavia 5E (3)	2013-2016	E1 3340	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
Octavia 5E (3) Facelift	2016-2020	E1 4337	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
Roomster (5J)	2006-2015	E1 2918/E8 4141	 H7-LED ST	-	LEDCAP 08
			 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Superb 3	2015-2019	E8 7375	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA01-1
			 H7-LED ST	-	64210DA01-1
Yeti	2009-2013	E1 2646	 H4-LED SP 450	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED SM	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED ST	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED VNT	LEDSC04 (In case of error message) <sup>9</sup>	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>


























**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

LED Vehicle list – car 

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
<b>SMART</b>					
Fortwo (451)	2007-2015	E1 2234	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
Forfour, EQ Forfour (W453)	2014-2021	E9 11392	 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
			 H4-LED SP 450	-	-
<b>SUBARU</b>					
Justy	2007-2011	E13 1228	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 H4-LED VNT	-	-
<b>SUZUKI</b>					
Ignis Gen 3	2016-2020	E13 24453	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Jimny (FJ)	1998-2018	E13 9328	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number		Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		<b>Low beam</b> <b>High beam</b> <b>Position light</b> <b>Fog light</b>	   			
<b>SUZUKI</b>						
Jimmy (GJ & HJ)	2018- <sup>8</sup>	E13 34901		 H4-LED SP 450	-	-
				 H4-LED SM	-	-
				 H4-LED ST	-	-
				 H4-LED VNT	-	-
				 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
LJ80	1978-1982	E11 0035/E4 0324/ E4 1 (HELLA)/ E4 82 (Koito)		 H4-LED SP 450	-	-
				 H4-LED SM	-	-
				 H4-LED ST	-	-
				 H4-LED VNT	-	-
Samurai	1988-2004	E11 0035/E4 0324/ E4 1 (HELLA)/ E4 82 (Koito)		 H4-LED SP 450	-	-
				 H4-LED SM	-	-
				 H4-LED ST	-	-
				 H4-LED VNT	-	-
SJ	1981-1991	E11 0035/E4 0324/ E4 1 (HELLA)/ E4 82 (Koito)		 H4-LED SP 450	-	-
				 H4-LED SM	-	-
				 H4-LED ST	-	-
				 H4-LED VNT	-	-
<b>TOYOTA</b>						
Auris (E180)	2012-2019	E2 11048		 H16-LED SM	-	-
Avensis (T27)	2008-2018	E2 11048		 H16-LED SM	-	-
Aygo (B4)	2014-2021	E2 11048		 H16-LED SM	-	-
Corolla (KE 30)	1974-1980	E4 02082/E6 028457		 H4-LED SP 450	-	-
				 H4-LED SM	-	-
				 H4-LED ST	-	-
				 H4-LED VNT	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450%** more brightness<sup>2</sup>





































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330%** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		<b>Low beam</b> <b>High beam</b> <b>Position light</b> <b>Fog light</b>	   		
<b>TOYOTA</b>					
Corolla (KE, TE)	1974-1980	E4 0324/E4 1 (HELLA)/ E4 82 (Koito)	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Corolla (E12)	2001-2004	E2 1282	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
Corolla (E12) Facelift	2004-2007	E2 03042	 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED ST	-	-
Corolla (E18)	2013-2018	E2 11048	 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
			 H16-LED SM	-	-
Cressida (RX 3, RX 3 K)	1977-1981	E4 02082/E6 028457/ E4 0324/E4 1 (HELLA)/ E4 82 (Koito)	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
HiAce (H20/H30/H40)	1977-1983	E4 02082/E6 028457/ E4 0324/E4 1 (HELLA)/ E4 82 (Koito)	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
HiAce (H50/H60/H70)	1982-1989	E4 02082/E6 028457/ E4 0324/E4 1 (HELLA)/ E4 82 (Koito)	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>





























**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>TOYOTA</b>					
Hilux Gen 7 (N25)	2005-2012	E13 12308/E13 12312/ E13 1368	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Hilux Gen 8	2015- <sup>8</sup>	E11 6527	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Landcruiser (LJ) Individual approval <sup>8</sup>	1960- <sup>8</sup>	E4 02082	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Landcruiser (GRJ) Individual approval <sup>8</sup>	1984- <sup>8</sup>	E13 0061	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Landcruiser (J6)	1980-1990	E4 02082/E6 028457/ E4 0324/E4 1 (HELLA)/ E4 82 (Koito)	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Landcruiser (J7)	1984-2006	E4 02082/E6 028457/ E4 0324/E4 1 (HELLA)/ E4 82 (Koito)	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>































**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

LED Vehicle list – car 

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		<b>Low beam</b> <b>High beam</b> <b>Position light</b> <b>Fog light</b>	   		
<b>TOYOTA</b>					
LiteAce, TownAce (KM20)	1979-1985	E4 02082/E6 028457/ E4 0324/E4 1 (HELLA)/ E4 82 (Koito)	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
RAV4 (Gen4)	2013-2018	E13 14594	 HIR2-LED SM	-	- <b>NEW</b>
Starlet, Starlet (P6)	1978-1980	E4 02082/E6 028457/ E4 0324/E4 1 (HELLA)/ E4 82 (Koito)	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Verso (R2)	2009-2018	E2 11048	 H16-LED SM	-	-
Yaris (XP13)	2010-2014	E13 13140	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
	2010-2020	E2 11048	 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Yaris (XP13) Facelift	2014-2020	E11 6259	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
<b>TRIUMPH</b>					
Spitfire	1962-1980	E11 0035	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450%** more brightness<sup>2</sup>



























**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330%** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
<b>TRIUMPH</b>					
TR5	1967-1968	E11 0035	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
TR6	1968-1976	E11 0035	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
TR7	1975-1980	E11 0035	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
<b>VEB SACHSENRING</b>					
Trabant (1.1)	1990-1991	E11 0035/ E4 1 (HELLA)	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Trabant (601)	1984-1990	E11 0035/ E4 1 (HELLA)	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
<b>VOLVO</b>					
140	1966-1974	E4 12	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		<b>Low beam</b> <b>High beam</b> <b>Position light</b> <b>Fog light</b>	   		
<b>VOLVO</b>					
240, 260	1974-1993	E4 0116	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
740 (744, 745)	1989-1992	E1 34593/E1 34594	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
760 (764, 765)	1988-1990	E1 34593/E1 34594	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
940 (944, 945)	1990-1998	E1 34593/E1 34594	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
940	1995-1998	E1 44432/44433	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
960 (964, 965)	1990-1994	E1 34593/E1 34594	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		<b>Low beam</b> <b>High beam</b> <b>Position light</b> <b>Fog light</b>	   		
<b>VOLVO</b>					
700 (740), (760), 900 (940), (960)	1988-1994	E1 44422/E1 44423	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
700 (740)	1990-1992	E1 44422/E1 44423	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
940	1995-1998	E1 44422/E1 44423	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
700 (740), (750), 900 (940), (960)	1988-1994	E13 9854	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Amazon	1957-1970	E4 12	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
P1800	1961-1972	E4 12	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>


































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>VOLVO</b>					
PV544	1958-1969	E4 12	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
C70, V70, S70, V70 XC	1996-2000	E1 481/E1 482	 H7-LED SP 450	LEDSC01 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDSC01 (In case of error message) <sup>9</sup>	-
			 H7-LED SM	LEDSC01 (In case of error message) <sup>9</sup>	-
			 H7-LED ST	LEDSC01 (In case of error message) <sup>9</sup>	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
V40 (Gen2)	2012-2019	E9 6701	 H7-LED SP 450	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 W5W-LED	-	-
<b>VW</b>					
Amarok (2H)	2010-2022	E9 14068	 H7-LED SP 450	LEDSC02-1	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Beetle (5C)	2011-2018	E1 3203	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Caddy 1 (14D)	2011-2019	E26 925	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>


























**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		<b>Low beam</b> <b>High beam</b> <b>Position light</b> <b>Fog light</b>	   		
<b>VW</b>					
Caddy 3 (2K) Facelift	2010-2015	E1 2992	 H4-LED SP 450	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED SM	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED ST	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED VNT	LEDSC04 (In case of error message) <sup>9</sup>	-
Caddy 3 (2K) Facelift <sup>10</sup>	2010-2015	E1 2855	 H7-LED SP 450	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SM	LEDSC02-1 (In case of error message) <sup>9</sup>	64210DA08
		 H7-LED ST	LEDSC02-1 (In case of error message) <sup>9</sup>	64210DA08	
		 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-	
		E26 925	 HB4-LED SM	LEDSC06 (In case of error message) <sup>9</sup>	-
Caddy 4 (SA)	2016-2020	E8 7565	 H4-LED SP 450	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED SM	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED ST	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED VNT	LEDSC04 (In case of error message) <sup>9</sup>	-
Caddy 4 (SA) <sup>10</sup>	2016-2020	E8 7567	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA01-1
			 H7-LED ST	-	64210DA01-1
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Crafter 2 <sup>10</sup>	2017- <sup>8</sup>	E8 8173	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA01-1
			 H7-LED ST	-	64210DA01-1
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Derby (86, 86C)	1977-1985	E1 14592	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>









































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam  High beam  Position light  Fog light 			
<b>VW</b>					
Eos	2006-2010	E9 5540	 H7-LED SP 450	LEDSC02-1	-
			 H7-LED SP	LEDSC02-1	-
			 H7-LED SP 450	LEDSC01	-
			 H7-LED SP	LEDSC01	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Eos (1F)	2006-2015	E26 925	 HB4-LED SM	-	-
Golf 1	1974-1983	E1 14551	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 H4-LED VNT	-	-
Golf 1 Cabrio	1979-1994	E1 14551	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Golf 2	1983-1992	E10 02010/E15 7-20/ E1 14551	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Golf 3 / Cabrio	1991-1997	E1 44457/E1 44458	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Golf 4 / Cabrio (1J)	1997-2006	E1 761	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Golf 4 / Cabrio (1J)	1997-2006	E9 5163	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 H1-LED	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330%** more brightness<sup>2</sup>














































**NIGHT BREAKER®  
LED START (ST)**  
Up to **230%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330%** more brightness<sup>2</sup>

LED Vehicle list – car 

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		<b>Low beam</b> <b>High beam</b> <b>Position light</b> <b>Fog light</b>	   		
<b>VW</b>					
Golf 6 / Cabrio (1K)	2008-2016	E8 4816 (HELLA)	 H7-LED SM	LEDEC02 (In case of error message) <sup>9</sup>	64210DA07
			 H7-LED ST	LEDEC02 (In case of error message) <sup>9</sup>	64210DA07
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Golf 6 / Cabrio (1K)	2008-2016	E9 5813 (VALEO)	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	LEDEC02 (In case of error message) <sup>9</sup>	64210DA05
			 H7-LED ST	LEDEC02 (In case of error message) <sup>9</sup>	64210DA05
Golf 6 / Cabrio (1K)	2008- <sup>8</sup>	E26 925	 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
			 HB4-LED SM	LEDSC06 (In case of error message) <sup>9</sup>	-
Golf 7 (5G)	2012-2017	E8 7169	 H7-LED SM	-	64210DA07
			 H7-LED ST	-	64210DA07
Golf 7 (5G)	2012-2017	E9 6765	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA05
			 H7-LED ST	-	64210DA05
Golf 7 (5G) Facelift	2017-2020	E8 8526	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA01-1
			 H7-LED ST	-	64210DA01-1
Golf Plus, Cross Golf	2004-2014	E26 925	 H9-LED SM	-	- <b>NEW</b>
			 HB4-LED SM	LEDSC06 (In case of error message) <sup>9</sup>	-
Golf Sportsvan	2014-2017	E9 11342	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA08
			 H7-LED ST	-	64210DA08
Golf Sportsvan Facelift	2017-2020	E9 16756	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA08
			 H7-LED ST	-	64210DA08
Jetta 6	2010-2018	E1 3006	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	LEDEC02 (In case of error message) <sup>9</sup>	64210DA01-1
		E26 925	 H7-LED ST	LEDEC02 (In case of error message) <sup>9</sup>	64210DA01-1
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	LEDEC02 (In case of error message) <sup>9</sup>	64210DA01-1
 H7-LED ST	LEDEC02 (In case of error message) <sup>9</sup>	64210DA01-1			
 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-			
 HB4-LED SM	-	-			

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450%** more brightness<sup>2</sup>































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330%** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		<b>Low beam</b> <b>High beam</b> <b>Position light</b> <b>Fog light</b>	   		
<b>VW</b>					
Käfer 1200/1300/1500 <sup>12</sup>	1968-1974	E1 14551	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Käfer 1200 L	1974-1985	E1 14551	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Käfer 1302 <sup>12</sup>	1970-1972	E1 14551	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Käfer 1303	1972-1975	E1 14551	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Käfer 1600	1986-2004	E1 14551	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Käfer Cabrio	1965-1980	E1 14551	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>


































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		<b>Low beam</b> <b>High beam</b> <b>Position light</b> <b>Fog light</b>	   		
<b>VW</b>					
LT 1 <sup>10</sup>	1975-1985	E1 34530/E1 14551	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
LT 1	1985-1996	E1 34529/E1 34530	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
New Beetle / Cabrio	2005-2010	E1 1851	 H7-LED SP 450	-	-
			 H7-LED SP 450	-	-
Passat (B2)	1980-1988	E1 24576/E1 24577	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Passat (B5)	2000-2005	E1 1186/E1 1187	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA06-1
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	64210DA01-1
			 H7-LED ST	-	64210DA01-1
Passat (3C/B7)	2010-2015	E1 3058	 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	LEDEC02 (In case of error message) <sup>9</sup>	-
			 H7-LED ST	LEDEC02 (In case of error message) <sup>9</sup>	LEDCAP01
 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-			

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>






























**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	   		
<b>VW</b>					
Passat (3C/3G/B8)	2014- <sup>8</sup>	E9 11464	 H7-LED SP 450	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SM	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED ST	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H9-LED SM	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Polo 1 (86)	1975-1981	E1 14592	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Polo 2 (86C)	1981-1989	E1 14592	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Polo 4 (9N)	2005-2009	E9 5537	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H1-LED	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
Polo 5 (6R)	2009-2014	E9 5856	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>







































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP	
		<b>Low beam</b> <b>High beam</b> <b>Position light</b> <b>Fog light</b>	   			
<b>VW</b>						
Polo (6R)	2009-2014	E1 2714	 H7-LED SP 450	LEDSC02-1 (In case of error message) <sup>9</sup>	-	
			 H7-LED SP	LEDSC02-1 (In case of error message) <sup>9</sup>	-	
			 H7-LED SM	LEDSC02-1 (In case of error message) <sup>9</sup>	64210DA01-1	
			 H7-LED ST	LEDSC02-1 (In case of error message) <sup>9</sup>	64210DA01-1	
			 H7-LED SP 450	-	-	
			 H7-LED SP	-	-	
			 H7-LED SM	-	64210DA01-1	
			 H7-LED ST	-	64210DA01-1	
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-	
Polo (6R/6C)	2014-2017	E8 6879	 H7-LED SP 450	LEDSC02-1 (In case of error message) <sup>9</sup>	-	
			 H7-LED SP	LEDSC02-1 (In case of error message) <sup>9</sup>	-	
			 H7-LED SM	LEDSC02-1 (In case of error message) <sup>9</sup>	64210DA01-1	
			 H7-LED ST	LEDSC02-1 (In case of error message) <sup>9</sup>	64210DA01-1	
				 H7-LED SP 450	-	-
				 H7-LED SP	-	-
				 H7-LED SM	-	64210DA01-1
				 H7-LED ST	-	64210DA01-1
	2009-2017	E26 9036	 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-	
Polo 6 (AW) <sup>11</sup>	2017-2021	E9 16592	 H7-LED SP 450	LEDSC02-1 (In case of error message) <sup>9</sup>	-	
			 H7-LED SP	LEDSC02-1 (In case of error message) <sup>9</sup>	-	
			 H7-LED SM	LEDSC02-1 (In case of error message) <sup>9</sup>	-	
			 H7-LED ST	LEDSC02-1 (In case of error message) <sup>9</sup>	no cap, but specific mounting instruction	
Scirocco 3	2008-2014	E9 5768	 H7-LED SP 450	LEDSC02-1 (In case of error message) <sup>9</sup>	-	
			 H7-LED SP	LEDSC02-1 (In case of error message) <sup>9</sup>	-	
			 H7-LED SM	LEDSC02-1 (In case of error message) <sup>9</sup>	64210DA08	
			 H7-LED ST	LEDSC02-1 (In case of error message) <sup>9</sup>	64210DA08	
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-	
Scirocco 3 Facelift	2014-2017	E9 5768	 H7-LED SP 450	LEDSC02-1 (In case of error message) <sup>9</sup>	-	
			 H7-LED SP	LEDSC02-1 (In case of error message) <sup>9</sup>	-	
			 H7-LED SM	LEDSC02-1 (In case of error message) <sup>9</sup>	64210DA08	
			 H7-LED ST	LEDSC02-1 (In case of error message) <sup>9</sup>	64210DA08	
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-	

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>


































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		<b>Low beam</b> <b>High beam</b> <b>Position light</b> <b>Fog light</b>	   		
<b>VW</b>					
Sharan (7N)	2010-2022	E1 2851	 H7-LED SP 450	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SM	LEDSC02-1 (In case of error message) <sup>9</sup>	64210DA05
			 H7-LED ST	LEDSC02-1 (In case of error message) <sup>9</sup>	64210DA05
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	LEDEC02 (In case of error message) <sup>9</sup>	-
			 H7-LED ST	LEDEC02 (In case of error message) <sup>9</sup>	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
			 H4-LED SP 450	-	-
T2 <sup>10</sup>	1967-1979	E1 14551	 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 H4-LED SP 450	-	-
T3 (Pritsche, Transporter, Kastenwagen, Kombi, Joker, Bus) <sup>10</sup>	1979-1992	E1 34482 E1 34483 E1 14551	 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 H4-LED SP 450	-	-
T4 (Caravelle, California, Multivan, Transporter)	1990-2003	E1 44437	 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 H4-LED SP 450	LEDSC04 (In case of error message) <sup>9</sup>	-
T5 (Caravelle, California, Multivan, Transporter) <sup>10</sup>	2003-2009	E1 2705 E1 1366 E1 1367	 H4-LED SM	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED ST	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED VNT	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED SP 450	LEDSC04 (In case of error message) <sup>9</sup>	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450%** more brightness<sup>2</sup>








































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330%** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7/CAP</sup>
		Low beam High beam Position light Fog light	   		
<b>VW</b>					
T5 (California, Multivan, Transporter) <sup>10</sup>	2004-2009	E1 1370	 H7-LED SP 450	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SM	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED ST	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H1-LED	-	-
			 W5W-LED	LEDSC02-1 (In case of error message) <sup>9</sup>	-
		E26 925	 HB4-LED SM	-	-
T5.1 (California, Multivan, Transporter) <sup>10</sup>	2009-2015	E1 2707	 H7-LED SP 450	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDSC02-1 (In case of error message) <sup>9</sup>	-
T6 (Transporter, Multivan, California, Caravelle)	2015-2019	E9 11760	 H7-LED SP 450	LEDSC02-1	-
			 H7-LED SP	LEDSC02-1	-
			 H7-LED SM	LEDSC02-1	-
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-
T6 <sup>10</sup> <small>In case of error messages, please contact us directly via the contact form: Light is OSRAM</small>	2015-2019	E9 11758	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
			 W5W-LED	-	-
T6.1 (California, Kombi, Multivan, Transporter) <sup>10</sup>	2019-2024	E9 22767	 H7-LED SP 450	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED ST	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SM	LEDSC02-1 (In case of error message) <sup>9</sup>	-
T-Cross (C1)	2018- <sup>8</sup>	E9 22186	 H7-LED SP 450	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SM	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED ST	LEDSC02-1 (In case of error message) <sup>9</sup>	LEDCAP04
			 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	-	-
T-Roc (A1)	2017- <sup>8</sup>	E9 16552	 H7-LED SP 450	-	-
			 H7-LED SP	-	-
			 H7-LED SM	64210DA08	-
			 H7-LED ST	64210DA08	-

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>
























**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP	Low beam	High beam	Position light	Fog light
									
Tiguan 1 (5N)	2007-2011	E1 2393	 H7-LED SP 450	LEDSC02-1 (In case of error message) <sup>9</sup>	-				
			 H7-LED SP	LEDSC02-1 (In case of error message) <sup>9</sup>	-				
			 H7-LED SM	LEDSC02-1 (In case of error message) <sup>9</sup>	64210DA01-1				
			 H7-LED ST	LEDSC02-1 (In case of error message) <sup>9</sup>	64210DA01-1				
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-				
	2007-2018	E26 925	 HB4-LED SM	LEDSC06 (In case of error message) <sup>9</sup>	-				
Tiguan 1 (5N) Facelift	2011-2016	E1 3175	 H7-LED SM	LEDSC02-1 (In case of error message) <sup>9</sup>	64210DA07				
			 H7-LED ST	LEDSC02-1 (In case of error message) <sup>9</sup>	64210DA07				
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-				
Tiguan 2 (5N/AD1)	2016-2020	E1 4116	 H7-LED SP 450	-	-				
			 H7-LED SP	-	-				
			 H7-LED SM	-	64210DA03-1				
			 H7-LED ST	-	64210DA03-1				
			 H7-LED SP 450	-	-				
			 H7-LED SM	-	-				
			 H7-LED ST	-	-				
Touareg 2 (7P5, 7P6)	2010-2014	E1 2928	 H7-LED SP	-	-				
			 H7-LED SM	-	64210DA01-1				
			 H7-LED ST	-	64210DA01-1				
		 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-					
		E26 925	 HB4-LED SM	LEDSC06 (In case of error message) <sup>9</sup>	-				
Touran 1 T2 (GP)	2006-2010	E1 2236	 H7-LED SP 450	LEDSC02-1 (In case of error message) <sup>9</sup>	-				
			 H7-LED SP	LEDSC02-1 (In case of error message) <sup>9</sup>	-				
			 H7-LED SM	LEDSC02-1 (In case of error message) <sup>9</sup>	64210DA03-1				
			 H7-LED ST	LEDSC02-1 (In case of error message) <sup>9</sup>	64210DA03-1				
			 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-				
Touran 1 T3 (GP2)	2010-2015	E1 2855	 H7-LED SP 450	LEDSC02-1 (In case of error message) <sup>9</sup>	-				
			 H7-LED SP	LEDSC02-1 (In case of error message) <sup>9</sup>	-				
			 H7-LED SM	LEDSC02-1 (In case of error message) <sup>9</sup>	64210DA08				
			 H7-LED ST	LEDSC02-1 (In case of error message) <sup>9</sup>	64210DA08				
	 W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-						
	E26 925	 HB4-LED SM	LEDSC06 (In case of error message) <sup>9</sup>	-					

>>



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>



































**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam High beam Position light Fog light	    		
<b>VW</b>					
Touran 2.5T	2015- <sup>8</sup>	E1 3985	 H7-LED SP 450	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SP	LEDSC02-1 (In case of error message) <sup>9</sup>	-
			 H7-LED SM	LEDSC02-1 (In case of error message) <sup>9</sup>	64210DA05
			 H7-LED ST	LEDSC02-1 (In case of error message) <sup>9</sup>	64210DA05
Typ 181, 182	1969-1980	E1 14551	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
Typ 3 (1500/1600)	1961-1973	E1 14551	 H4-LED SP 450	-	-
			 H4-LED SM	-	-
			 H4-LED ST	-	-
			 H4-LED VNT	-	-
up!, e-up! electric! Cross-up!	2011-2016	E1 3149	 H4-LED SP 450	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED SM	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED ST	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED VNT	LEDSC04 (In case of error message) <sup>9</sup>	-
	2011- <sup>8</sup>	E26 925	 HB4-LED SM	-	-
up! Facelift, e-up! Facelift Cross-up!, Up! GTI	2016-2023	E8 8227	 H4-LED SP 450	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED SM	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED ST	LEDSC04 (In case of error message) <sup>9</sup>	-
			 H4-LED VNT	LEDSC04 (In case of error message) <sup>9</sup>	-
<b>XEV</b>					
Yoyo	2021- <sup>8</sup>	E9 6082	 H7-LED SP 450	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-
			 H7-LED SP 450	-	-
			 H7-LED SM	-	-
			 H7-LED ST	-	-



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>























**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>



“SO.KFZ Wohnmobil”, which have received a gradual permission and whose headlights are approved with the corresponding headlight approval number, are also approved.



**LED Vehicle list – campers / special vehicles** 

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number		Lamp type/ECE	Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
		Low beam	High beam			
<b>ADRIA</b>						
Sonic, Matrix, Coral (G) <sup>10</sup>	2014- <sup>8</sup>	E24 6266		H7-LED SP 450	-	-
				H7-LED SP	-	-
				H7-LED SM	-	-
				H7-LED ST	-	-
				H7-LED SP 450	-	-
				H7-LED SP	-	-
				H7-LED SM	-	-
				H7-LED ST	-	-
Sonic, Matrix, Coral (G) (RHD) <sup>10,13</sup>	2014- <sup>8</sup>	E24 6267		H7-LED SP 450	-	-
				H7-LED SP	-	-
				H7-LED SM	-	-
				H7-LED ST	-	-
				H7-LED SP 450	-	-
				H7-LED SP	-	-
				H7-LED SM	-	-
				H7-LED ST	-	-
<b>CONCORDE</b>						
Carver, Cruiser, Charisma, Credo, Centurion		E1 917		H7-LED SP 450	-	-
				H7-LED SP	-	-
				H7-LED SM	-	-
				H7-LED ST	-	-



**NIGHT BREAKER® LED SPEED 450 (SP 450)**  
Up to **450 %** more brightness<sup>2</sup>



**NIGHT BREAKER® LED SMART (SM)**  
Up to **330 %** more brightness<sup>2</sup>




































**NIGHT BREAKER® LED START (ST)**  
Up to **230 %** more brightness<sup>2</sup>



**NIGHT BREAKER® LED VINTAGE (VNT)**  
Up to **330 %** more brightness<sup>2</sup>

LED Vehicle list – campers / special vehicles 

Manufacturer / Model (Variant/Type)	Year of manufacture	Headlight approval number	Lamp type/ECE		Canbus <sup>5,7</sup>	Adapter <sup>6,7</sup> /CAP
			Low beam	High beam		
<b>HYMER</b>						
Elddis/Compass (EHG250) <sup>10</sup>	2014- <sup>8</sup>	E24 6266		H7-LED SP 450	-	-
				H7-LED SP	-	-
				H7-LED SM	-	-
				H7-LED ST	-	-
				H7-LED SP 450	-	-
				H7-LED SP	-	-
				H7-LED ST	-	-
Elddis/Compass M1 (EHG250) (RHD) <sup>10,12</sup>	2014- <sup>8</sup>	E24 6267		H7-LED SP 450	-	-
				H7-LED SP	-	-
				H7-LED SM	-	-
				H7-LED ST	-	-
				H7-LED SP 450	-	-
				H7-LED SP	-	-
				H7-LED ST	-	-
<b>LMC</b>						
Solifer (FI-2007/46) <sup>10</sup>	2014- <sup>8</sup>	E24 6266		H7-LED SP 450	-	-
				H7-LED SP	-	-
				H7-LED SM	-	-
				H7-LED ST	-	-
				H7-LED SP 450	-	-
				H7-LED SP	-	-
				H7-LED ST	-	-
Solifer (FI-2007/46) (RHD) <sup>10,13</sup>	2014- <sup>8</sup>	E24 6267		H7-LED SP 450	-	-
				H7-LED SP	-	-
				H7-LED SM	-	-
				H7-LED ST	-	-
				H7-LED SP 450	-	-
				H7-LED SP	-	-
				H7-LED ST	-	-
<b>TRIGANO</b>						
Challenger / Chausson (Trigano F12)	2006-2014	E3 2447/E3 2448		H7-LED SP 450	-	-
				H7-LED SP	-	-
				H7-LED SM	-	-
				H7-LED ST	-	-
				W5W-LED	LEDCCU01 (In case of error message) <sup>9</sup>	-



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330%** more brightness<sup>2</sup>

After installing the NIGHT BREAKER® LED in your vehicle, error messages may occasionally occur. We recommend that you use the SMART CANBUS ADAPTER indicated in the vehicle list for your specific vehicle model. Please note that in rare cases, depending on the vehicle equipment and motorization, error messages may also occur in vehicles that are not explicitly listed with Smart Canbus in the vehicle list. Please use the LEDSC02-1 for vehicles with H7 lamps from the VW Group (VW, Audi, Skoda, Seat), the LEDSC03-1 is suitable for vehicles from the BMW Group, and we recommend the LEDSC01 for all other vehicles. For vehicles with H4 lamps, please use the LEDSC04. An error message that occurs does not represent a product defect and does not necessarily justify a complaint. If you have any further questions, please do not hesitate to contact us. You can reach us at [automotive-service@osram.com](mailto:automotive-service@osram.com).

If you own a vehicle that is not listed in the compatibility list, but has an already approved headlight registration number – please contact us directly via 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](http://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](http://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
- 9) Optional use of Canbus control units in case of error message on the on-board computer is recommended depending on vehicle equipment
- 10) "Special purpose motor vehicle camper and other classes / body types", which have received a gradual permission and whose headlights are approved with the corresponding headlight approval number, are also approved. The tier approval applies to campers of the manufacturers Adria, Bürstner, Pössl, Carthargo, Dethleffs, Hymer, Knaus, LMC, Carado, Laika, Eura Mobil, Frankia and many other models that meet the criteria.
- 11) Install headlight cap according to manufacturer's instructions for use
- 12) Not suitable for vehicles with 6V/24V on-board voltage
- 13) RHD: approved for right-hand-drive cars i.e. approved for cars that drive on the left-hand side of the road (not approved for cars that drive on the right-hand side of the road).
- 14) 2x Canbus per headlight required which must be connected in series
- 15) 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](http://www.osram.com/nb-led)
- 16) You own a vehicle which is noted in the compatibility list with the note "individual approval". This means that this vehicle is not listed in the ABG, but is subject to photometric approval by the TÜV. For further information or if you have any questions, please contact us directly via the contact form: [Light is OSRAM](#).
- 17) Adapter included in delivery
- 18) Error message can be acknowledged by confirming twice with OK on the on-board computer
- 19) If an error message appears (e.g. when unplugging the standard lamp), a CANBUS is mandatory. Failure to observe this may result in damage to the control unit. No liability is accepted for any consequential costs arising from this.



**NIGHT BREAKER®  
LED SPEED 450 (SP 450)**  
Up to **450%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED SMART (SM)**  
Up to **330%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED START (ST)**  
Up to **230%** more brightness<sup>2</sup>



**NIGHT BREAKER®  
LED VINTAGE (VNT)**  
Up to **330%** more brightness<sup>2</sup>

# 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](http://www.osram.com/am-catalog-digital)



## Which lamps fit your vehicle?

Find out with our Vehicle Lamp Finder online app:

[www.osram.com/vehicelamps](http://www.osram.com/vehicelamps)



## Compatibility list NIGHT BREAKER® LED

The NIGHT BREAKER® LED is approved for the following vehicles or headlights<sup>1</sup>:

[www.osram.de/night-breaker-led](http://www.osram.de/night-breaker-led)



## Stay up to date!

Follow OSRAM Automotive on Facebook:

[www.facebook.com/osramautomotive](http://www.facebook.com/osramautomotive)



Get inspired and take your car to the next level!

Follow us on Instagram:

[www.instagram.com/osram.automotive](http://www.instagram.com/osram.automotive)



Installation tutorials, product videos and more!

Follow our YouTube channel:

[www.youtube.com/OSRAMAutomotive](http://www.youtube.com/OSRAMAutomotive)



## OSRAM GmbH

Head office:

Marcel-Breuer-Strasse 4  
80807 Munich, Germany  
Phone +49 89 6213-0  
Fax +49 89 6213-2020  
[www.osram.com](http://www.osram.com)

Find out more about us at: [ams-osram.com](http://ams-osram.com)

ams and OSRAM are registered trademarks of ams OSRAM Group. In addition, many of our products and services are registered or filed trademarks of ams OSRAM Group. All other company or product names mentioned herein may be trademarks or registered trademarks of their respective owners. [www.osram.com/terms-of-use](http://www.osram.com/terms-of-use) (section 4.3) or [www.ams-osram.com/terms-of-use](http://www.ams-osram.com/terms-of-use) (section 3.4)

# OSRAM