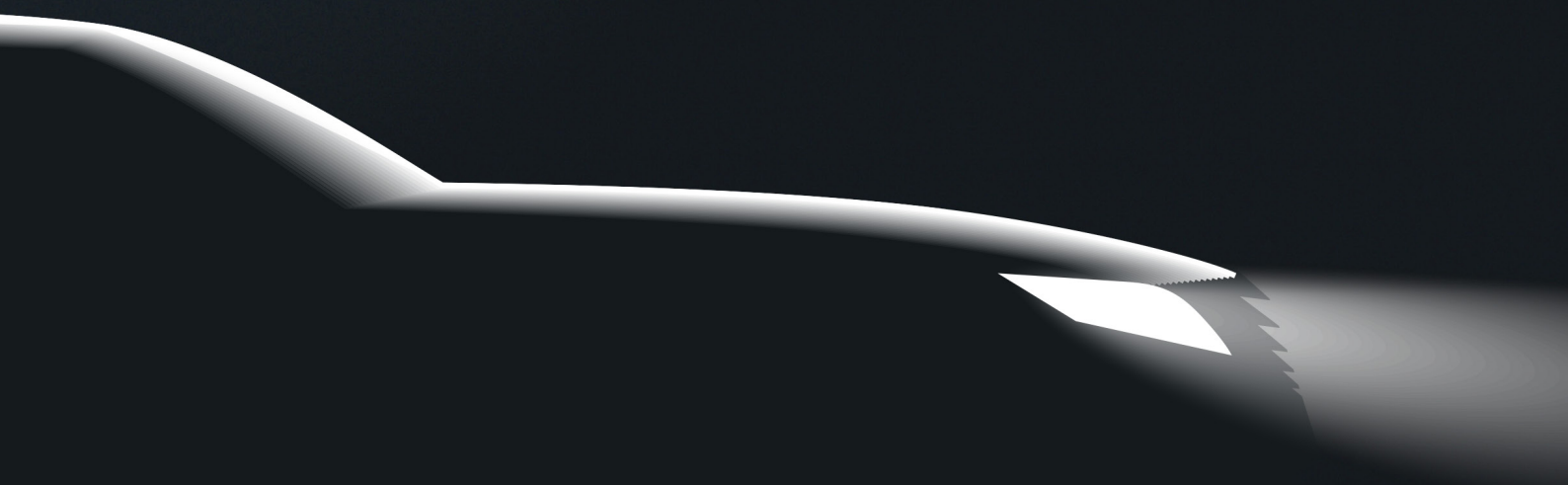


# Norma<sup>TM</sup> Lamp

Your Automotive Lighting Partner



Catalogue v1.20

*Welcome to Norma Lamp, Your Automotive Lighting Partner.*

We are a leading supplier of automotive lighting solutions dedicated to product excellence and full customer support.

Our passion for lighting drives us to manufacture and distribute top quality bulbs which are compliant with the strictest standards of the automotive industry.

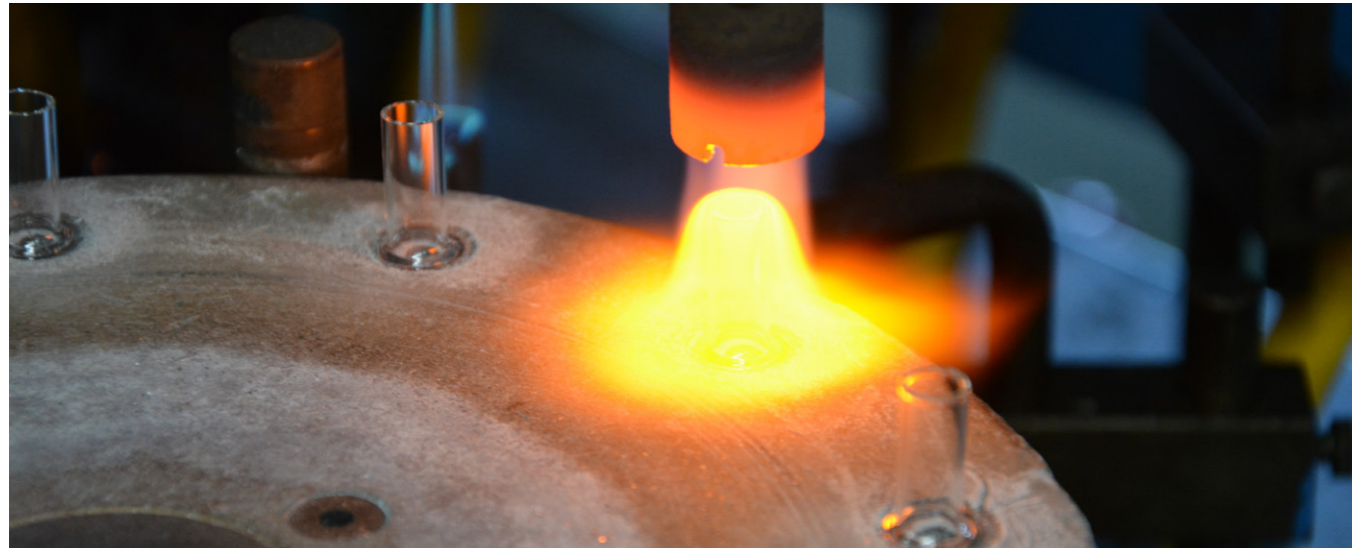
We offer a wide product portfolio of automotive lighting solutions with (E1) Germany for high reliability and safe driving.

Our contemporary manufacturing and logistics set up, combined with our carefully selected commercial network, guarantee the highest level of customer satisfaction.



For more information, please visit our web site: [www.normalamp.com](http://www.normalamp.com)



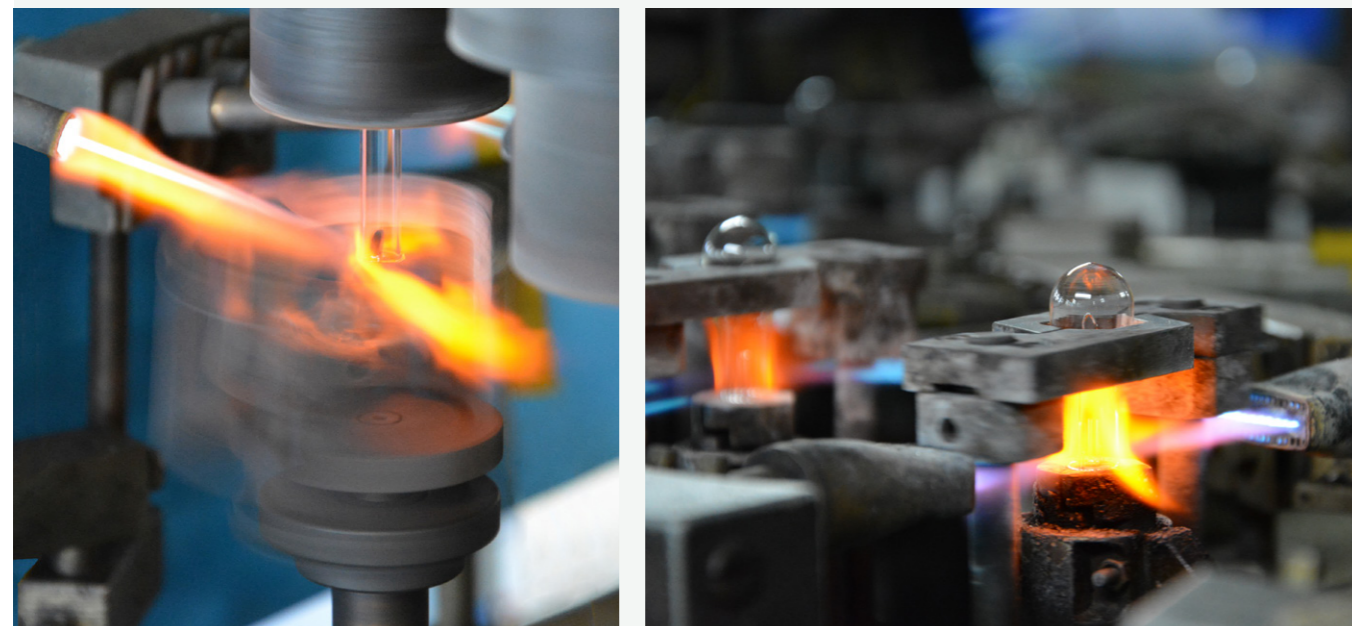


*The art of producing high quality automotive bulbs.*

Passion, commitment and innovation are the main elements of our corporate DNA.

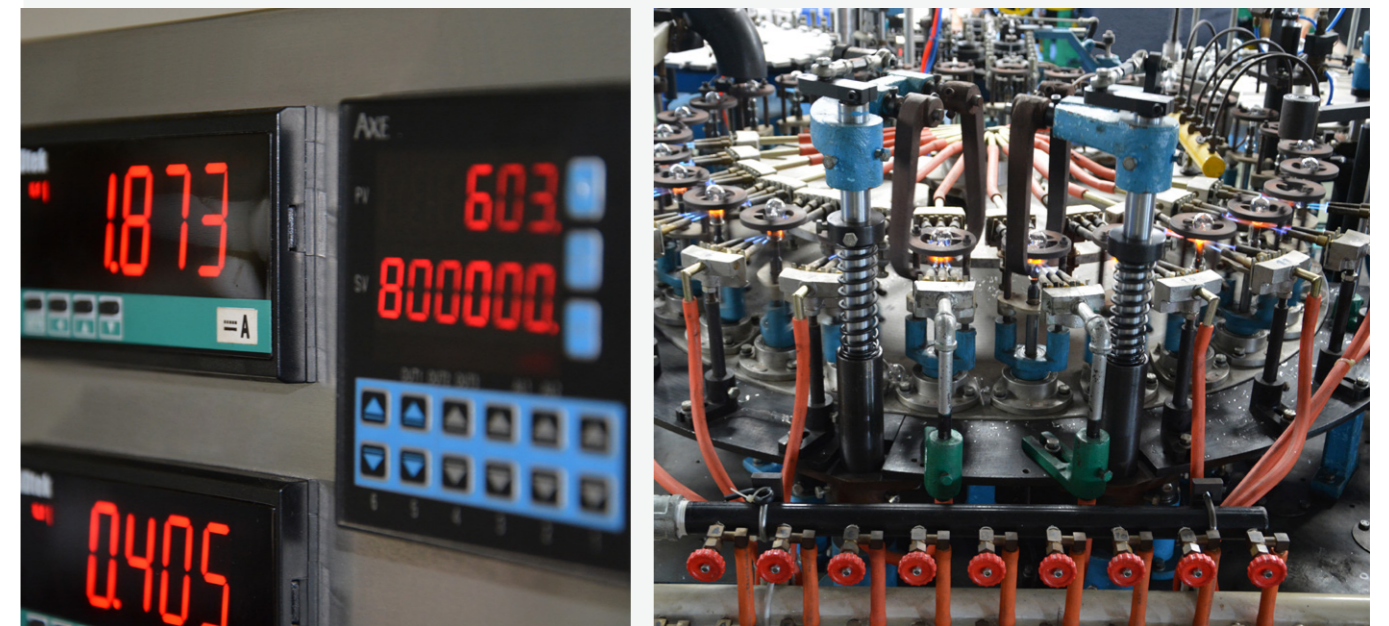
Our carefully designed manufacturing processes, high quality raw materials and our skilled team safeguard our main target : producing and distributing high quality automotive bulbs for great visibility and road safety.

We offer world class quality based on German quality standards complying with ECE R37.



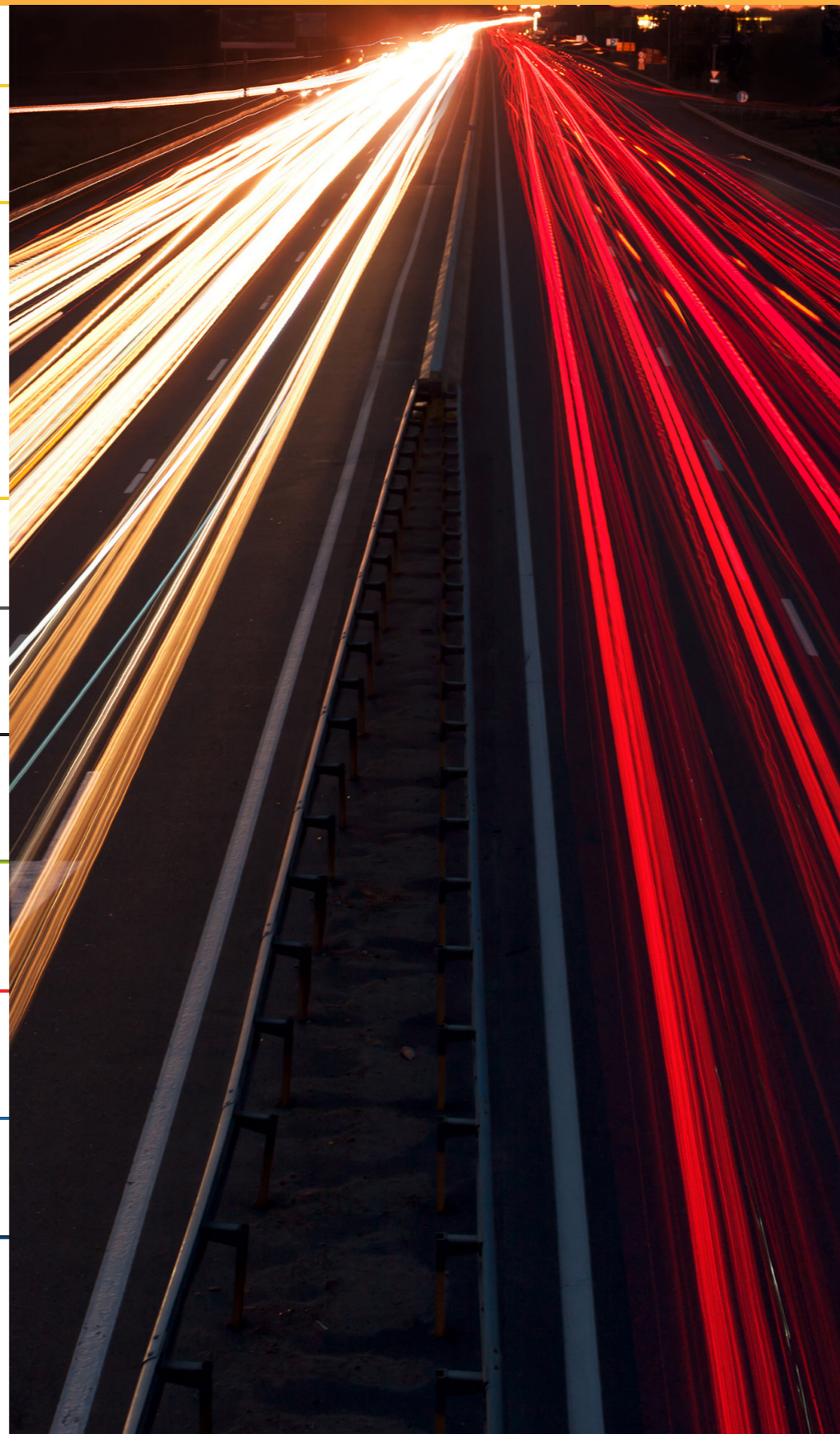
Consumers, professionals and key companies in the automotive lighting industry trust Norma Lamp because of many crucial factors:

- Quality, durability and reliability
- Computer aided product design and development
- Automated production lines
- Strict quality inspection system
- Photometric, geometric, life-test and vibration laboratory measurements



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# Choose the right lighting solution for your needs

**Standard +30%** Standard

Brightness: [Progress bar with sun icon]

Distance: [Progress bar with 'MAXIMUM' label]

Lifetime: [Progress bar with infinity symbol]

Light Color: [Progress bar with sun icon]

Available in: H1, H3, H4, H7, H8, H9, H11

**Ultimate +100%** Standard

Brightness: [Progress bar with sun icon]

Distance: [Progress bar with 'MAXIMUM' label]

Lifetime: [Progress bar with infinity symbol]

Light Color: [Progress bar with sun icon]

Available in: H1, H3, H4, H7, H11

**Extreme Life** Standard

Brightness: [Progress bar with sun icon]

Distance: [Progress bar with 'MAXIMUM' label]

Lifetime: [Progress bar with infinity symbol]

Light Color: [Progress bar with sun icon]

Available in: H1, H3, H4, H7, H8, H9, H11, H16

**Heavy Duty** Standard

Brightness: [Progress bar with sun icon]

Distance: [Progress bar with 'MAXIMUM' label]

Lifetime: [Progress bar with infinity symbol]

Light Color: [Progress bar with sun icon]

Available in: H1, H3, H4, H7

**Sky Blue** Standard

Brightness: [Progress bar with sun icon]

Distance: [Progress bar with 'MAXIMUM' label]

Lifetime: [Progress bar with infinity symbol]

Light Color: [Progress bar with sun icon]

Available in: H1, H3, H4, H7, H8, H9, H11, H13, HB1, HB3, HB4, HB5

**Space Blue** Standard

Brightness: [Progress bar with sun icon]

Distance: [Progress bar with 'MAXIMUM' label]

Lifetime: [Progress bar with infinity symbol]

Light Color: [Progress bar with sun icon]

Available in: H1, H3, H4, H7, H8, H9, HB1, HB3, HB4, HB5

Lamp performance

Lamp performance

Standard

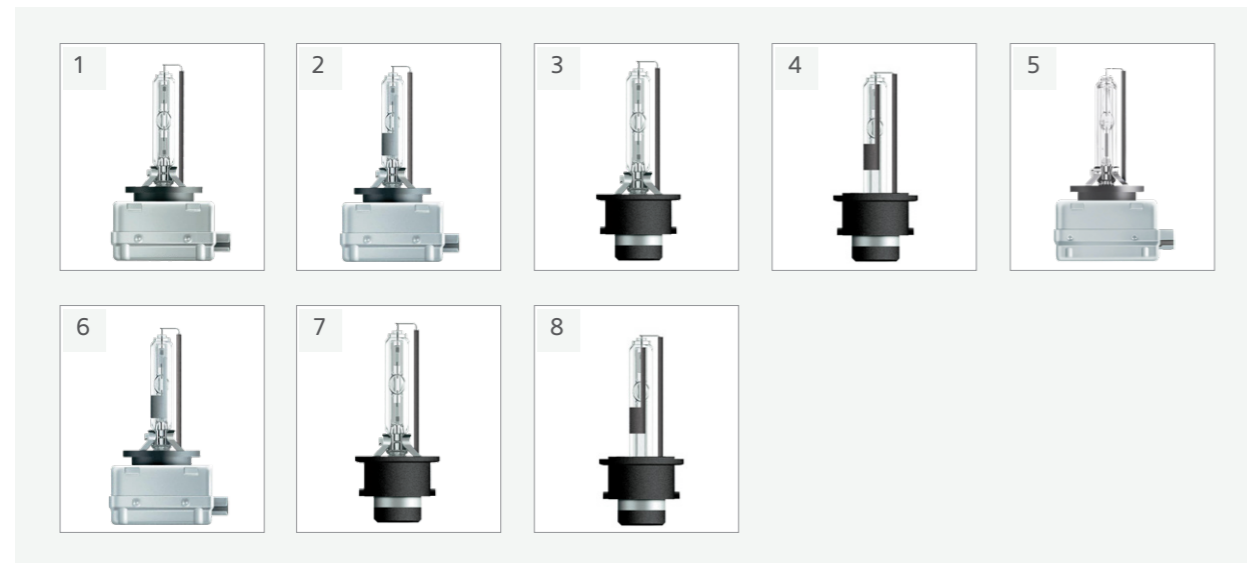


Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
920005 ①	D1S		35W	PK32d-2	D1S	1	1
920006 ①	D1R		35W	PK32d-3	D1R	1	2
920002 ①	D2S		35W	P32d-2	D2S	1	3
920004 ①	D2R		35W	P32d-3	D2R	1	4
920000 ①	D3S		35W	PK32d-5	D3S	1	5
920003 ①	D3R		35W	PK32d-6	D3R	1	6
920007 ①	D4S		35W	P32d-5	D4S	1	7
920008 ①	D4R		35W	P32d-6	D4R	1	8

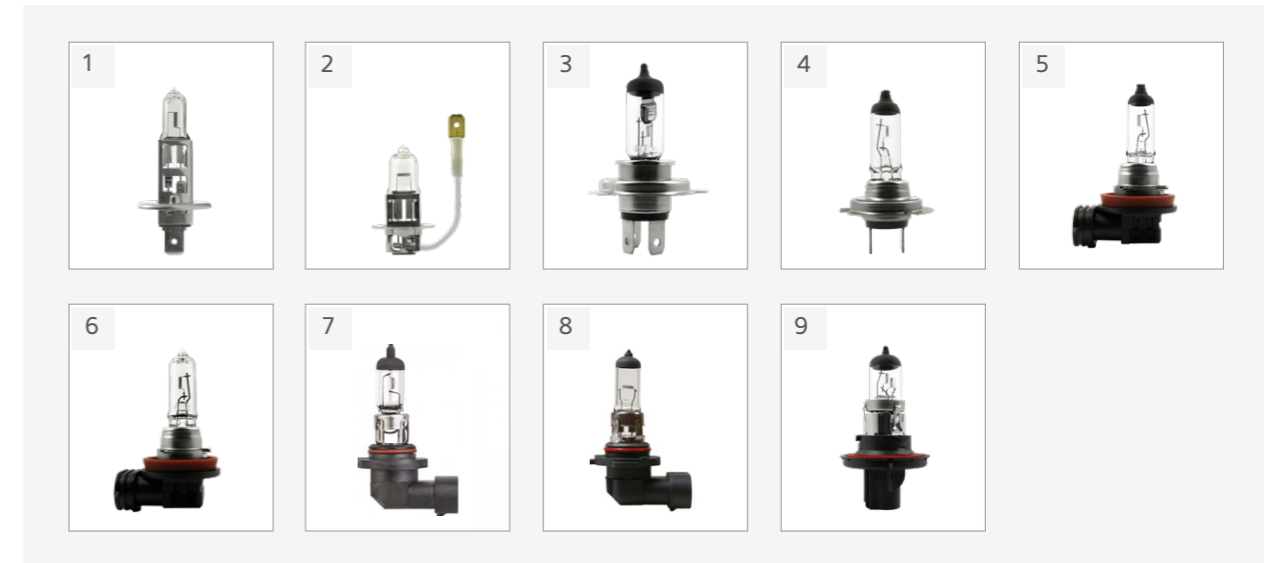
Standard



Ref.	ECE	SAE/ DOT	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
210651	H1	H1	12V	55W	P14,5s	H1	100	1
210653	H3	H3	12V	55W	PK22s	H3	100	2
210611	H4		12V	60/55W	P43t	H4	100	3
210607	H7	H7	12V	55W	PX26d	H7	100	4
210008	H8	H8	12V	35W	PGJ19-1	H8	100	5
210009	H9	H9	12V	65W	PGJ19-5	H9	100	6
210010	H10		12V	42W	PY20d	H10	100	7
210011	H11	H11	12V	55W	PGJ19-2	H11	100	5
210012	H12		12V	53W	PZ20d	H12	100	8
210013	H13		12V	60/55W	P26,4t	H13	100	9



① Also available upon request in Sky Blue version up to 6.000K





## Standard



Ref.	ECE	SAE/ DOT	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
210016	H16		12V	19W	PGJ19-3	H16	100	1
410652	H1	H1	24V	70W	P14,5s	H1	100	2
410656	H3	H3	24V	70W	PK22s	H3	100	3
410612	H4		24V	75/70W	P43t	H4	100	4
410647	H7	H7	24V	70W	PX26d	H7	100	5
410012	H11	H11	24V	70W	PGJ19-2	H11	100	6

## Replacement Kits



Ref.	ECE	Volt	Description	Packing/ pcs.	Image No.
210651-305 ①	H1	12V	Lamps: 1xH1,1xT4W, 1xC5W, 1xR5W, 1x P21W, 1xP21/5W Fuses: 1xSt. 10Amp., 1xSt. 15Amp., 1xSt. 20Amp.	20	8
210611-305 ①	H4	12V	Lamps: 1xH4,1xT4W, 1xC5W, 1xR5W, 1x P21W, 1xP21/5W Fuses: 1xSt. 10Amp., 1xSt. 15Amp., 1xSt. 20Amp.	20	9
210607-305 ①	H7	12V	Lamps: 1xH7,1xW5W, 1xC5W, 1xR5W, 1x P21W, 1xP21/5W Fuses: 1xSt. 10Amp., 1xSt. 15Amp., 1xSt. 20Amp.	20	10

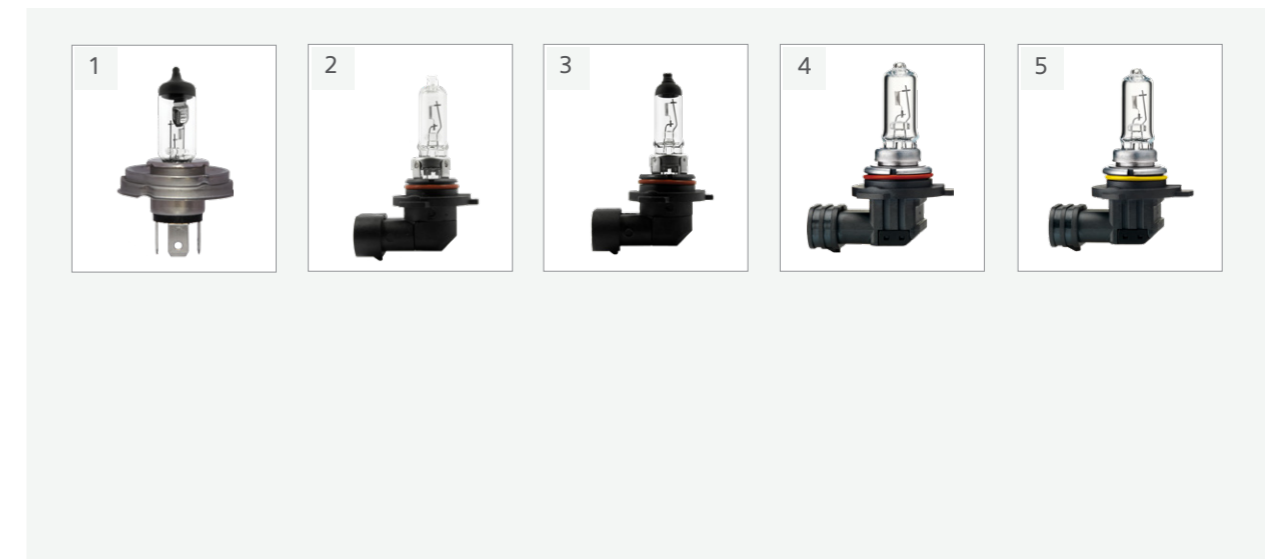


① Alternative configurations available on request

## Standard



Ref.	ECE	SAE/ DOT	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
210920	R2		12V	45/40W	P45t	HR2	100	1
210923	HB3	9005	12V	60(65W)	P20d	HB3	100	2
210921	HB4	9006	12V	51(55W)	P22d	HB4	100	3
210051	HIR1	9011	12V	65W	PX20d	HIR1	100	4
210052	HIR2	9012	12V	55W	PX22d	HIR2	100	5
410924	R2		24V	55/50W	P45t	HR2	100	1

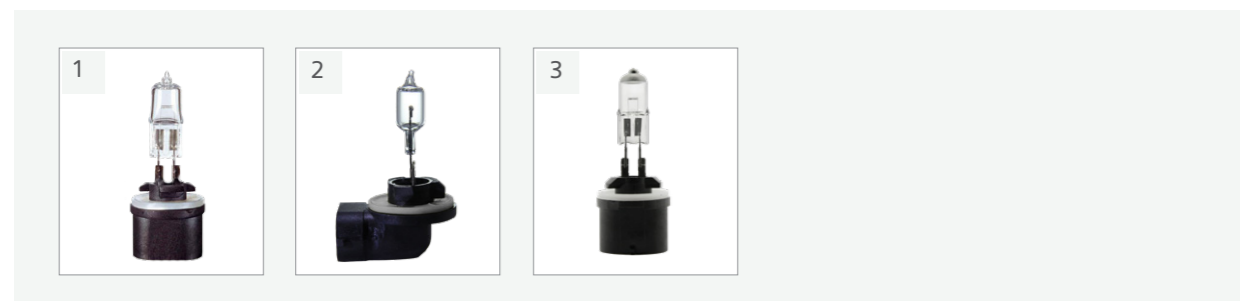




## Standard



Ref.	ECE	DOT/SAE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
210004		885	12V	50W	PG13	885	100	1
210005 ①		884	12V	27W	PG13	884	100	1
210006		890	12V	27W	PG13	890	100	1
210029		889	12V	27W	PGJ13	889	100	2
210037		894	12V	37,5W	PGJ13	894	100	2
210038		893	12V	37,5W	PG13	893	100	3



① Production on request

## Asymmetric bulbs for headlamps

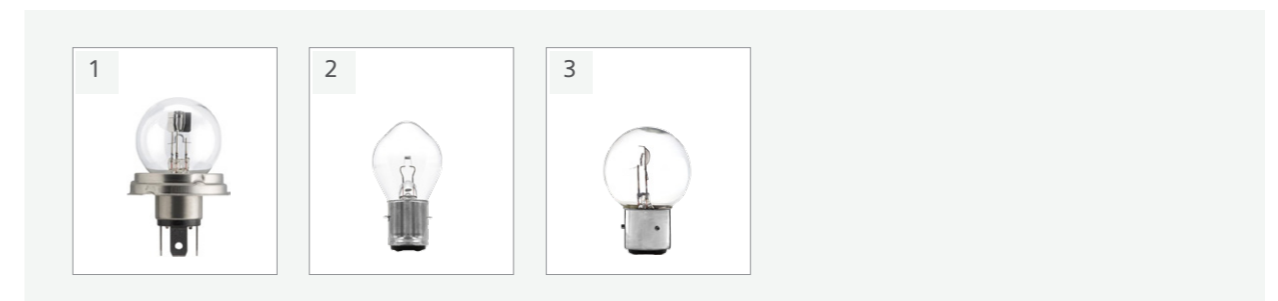


Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
200511	R2	12V	45/40W	P45t	R2	100	1
400513	R2	24V	55/50W	P45t	R2	100	1

## Symmetric bulbs for headlamps



Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
230529	S1	12V	25/25W	BA20d	S1	100	2
230523	S2	12V	35/35W	BA20d	S2	100	2
230528		12V	45/40W	BA20d		100	2
230526 ①		12V	45/40W	BA21d		100	3
430527		24V	45/40W	BA20d		100	2



① Production on request





## Rally, Boats & work-lamps



Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
* 210685		12V	100W	P14,5s	H1	100	1
* 210686		12V	130W	P14,5s	H1	100	1
* 210688		12V	100W	PK22s	H3	100	2
* 210687		12V	130W	PK22s	H3	100	2
* 210193		12V	130/90W	P45t	H4	100	3
* 210192		12V	100/80W	P45t	H4	100	3
* 210616		12V	60/55W	P45t	H4	100	3
* 210572		12V	130/90W	P43t	H4	100	4
* 210606		12V	100W	PX26d	H7	100	5
* 210928		12V	100/80W	P29t	HB1 9004	100	6
* 210929		12V	100W	P20d	HB3 9005	100	7
* 210926		12V	80W	P22d	HB4 9006	100	8
* 210575		12V	100/80W	PX29t	HB5 9007	100	9

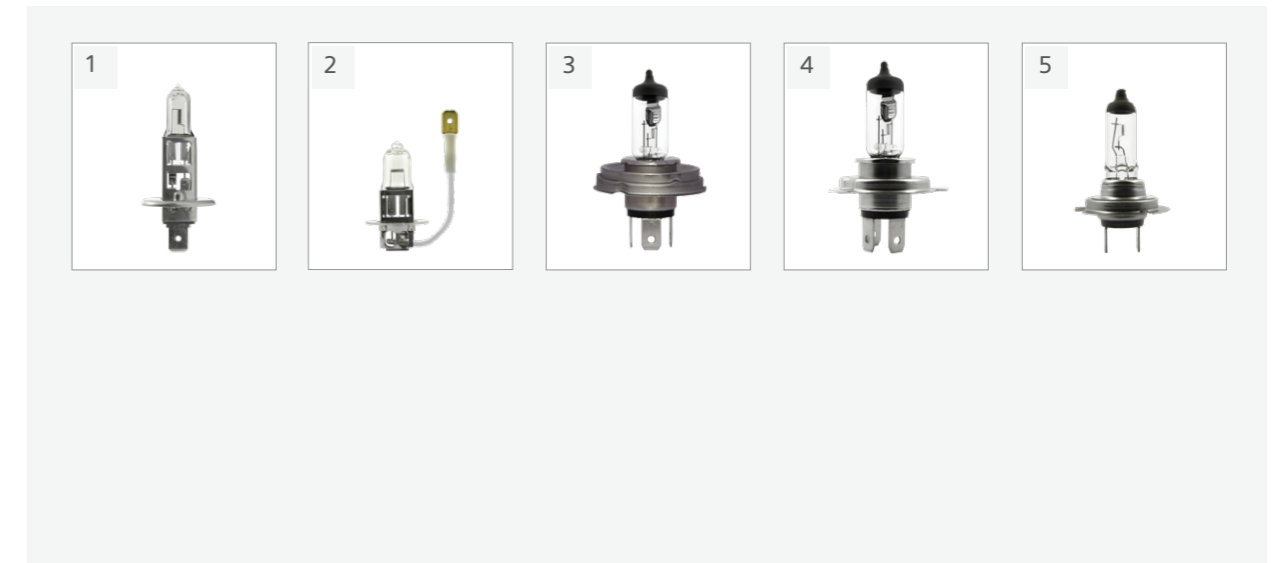


\* No ECE approval - Not for use in European public traffic

## Rally, Boats & work-lamps



Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
* 410680		24V	100W	P14,5s	H1	100	1
* 410681 ①		24V	130W	P14,5s	H1	100	1
* 410650 ①		24V	35W	PK22s	H3	100	2
* 410682		24V	100W	PK22s	H3	100	2
* 410683 ①		24V	130W	PK22s	H3	100	2
* 410576		24V	100/90W	P43t	H4	100	4
* 410573		24V	130/90W	P43t	H4	100	4
* 410617		24V	75/70W	P45t	H4	100	3
* 410196		24V	100/90W	P45t	H4	100	3
* 410605		24V	100W	PX26d	H7	100	5
* 910660 ①		48V	60W	PK22s	H3	100	2



\* No ECE approval - Not for use in European public traffic

① Production on request



## Standard +30%

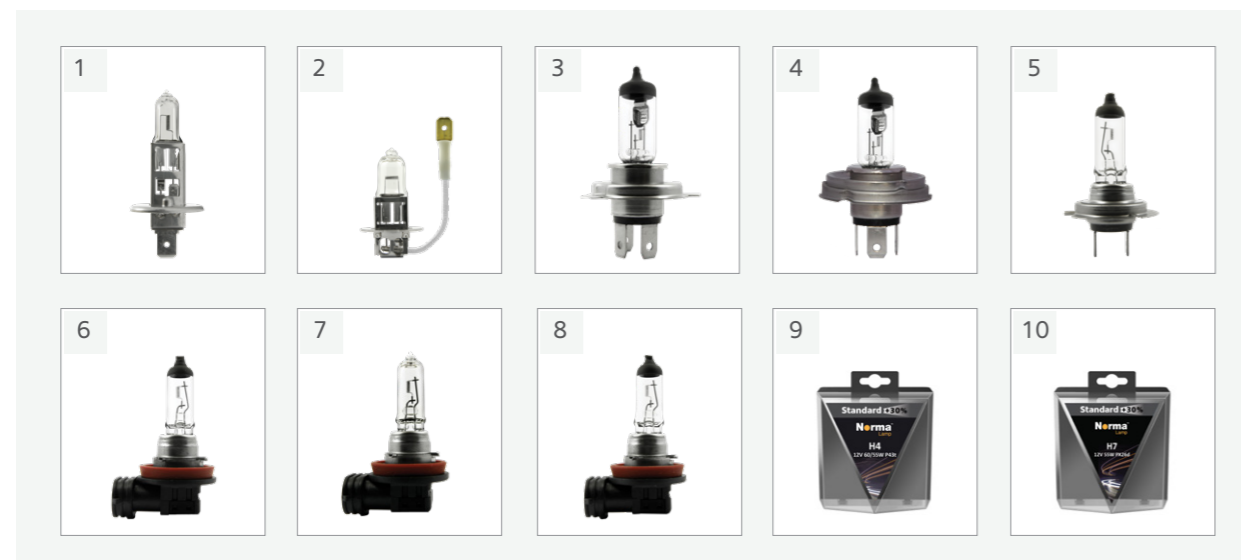


Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
211651	H1	12V	55W	P14,5s	H1	100	1
211653	H3	12V	55W	PK22s	H3	100	2
211611	H4	12V	60/55W	P43t	H4	100	3
211616		12V	60/55W	P45t	H4	100	4
211607	H7	12V	55W	PX26d	H7	100	5
211008	H8	12V	35W	PGJ19-1	H8	100	6
211009	H9	12V	65W	PGJ19-5	H9	100	7
211011	H11	12V	55W	PGJ19-2	H11	100	8

## Twin Plastic Box program



Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
211611-302 ①	H4	12V	60/55W	P43t	H4	10	9
211607-302 ①	H7	12V	55W	PX26d	H7	10	10



① Production on request

## Ultimate +100%

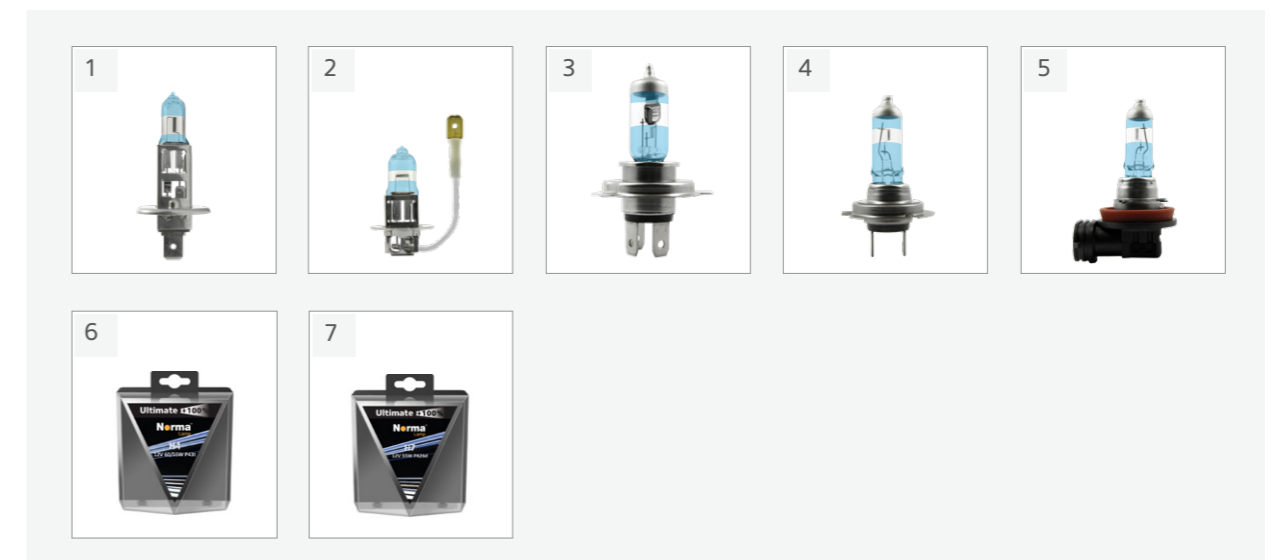


Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
213651	H1	12V	55W	P14,5s	H1	100	1
213653	H3	12V	55W	PK22s	H3	100	2
213611	H4	12V	60/55W	P43t	H4	100	3
213607	H7	12V	55W	PX26d	H7	100	4
213011	H11	12V	55W	PGJ19-2	H11	100	5

## Twin Plastic Box program



Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
213611-302 ①	H4	12V	60/55W	P43t	H4	10	6
213607-302 ①	H7	12V	55W	PX26d	H7	10	7

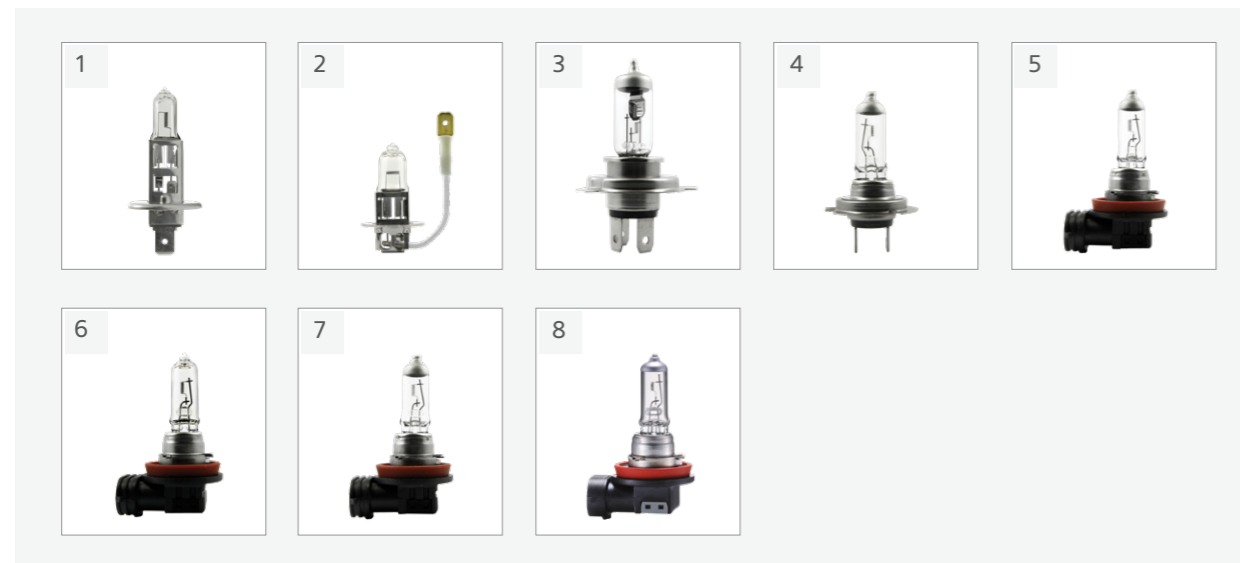


① Production on request

## Extreme Life



Ref.	ECE	SAE/ DOT	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
214651	H1	H1	12V	55W	P14,5s	H1	100	1
214653 ①	H3	H3	12V	55W	PK22s	H3	100	2
214611	H4		12V	60/55W	P43t	H4	100	3
214607	H7	H7	12V	55W	PX26d	H7	100	4
214008 ①	H8	H8	12V	35W	PGJ19-1	H8	100	5
214009 ①	H9	H9	12V	65W	PGJ19-5	H9	100	6
214011 ①	H11	H11	12V	55W	PGJ19-2	H11	100	7
214016 ①	H16		12V	19W	PGJ19-3	H16	100	8

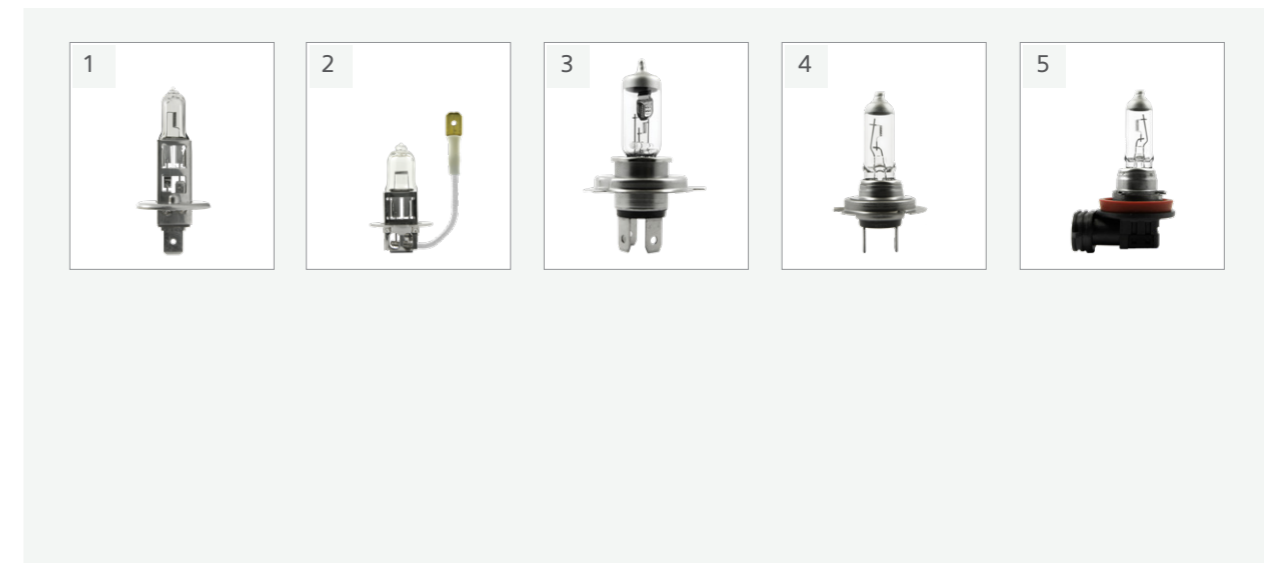


① Production on request

## Extreme Life



Ref.	ECE	SAE/ DOT	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
414652 ①	H1	H1	24V	70W	P14,5s	H1	100	1
414656 ①	H3	H3	24V	70W	PK22s	H3	100	2
414612 ①	H4		24V	75/70W	P43t	H4	100	3
414647 ①	H7	H7	24V	70W	PX26d	H7	100	4
414012 ①	H11	H11	24V	70W	PGJ19-2	H11	100	5



① Production on request

## Twin Plastic Box program



Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
214611-302 ①	H4	12V	60/55W	P43t	H4	10	1
214607-302 ①	H7	12V	55W	PX26d	H7	10	2

## Replacement Kits



Ref.	ECE	Volt	Description	Packing/ pcs.	Image No.
214611-311 ①②	H4	12V	Lamps: 2xH4,1xT4W, 1xC5W, 1xR5W, 1xP21W, 1xP21/5W Fuses: 1xSt. 5Amp, 1xSt. 10Amp., 1xSt. 15Amp., 1xSt. 20Amp.	10	3
214607-311 ①②	H7	12V	Lamps: 2xH7,1xW5W, 1xC5W, 1xR5W, 1xP21W, 1xP21/5W Fuses: 1xSt. 5Amp, 1xSt. 10Amp., 1xSt. 15Amp., 1xSt. 20Amp.	10	4



- ① Production on request
- ② Alternative configurations available on request

## Heavy Duty



Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
417652	H1	24V	70W	P14,5s	H1	100	1
417656	H3	24V	70W	PK22s	H3	100	2
417612	H4	24V	75/70W	P43t	H4	100	3
417647	H7	24V	70W	PX26d	H7	100	4

## Twin Plastic Box program / Replacement Kits



Ref.	ECE	Volt	Description	Packing/ pcs.	Image No.
417612-302 ①	H4	24V	H4	10	5
417647-302 ①	H7	24V	H7	10	6
Ref.	ECE	Volt	Description	Packing/ pcs.	Image No.
417612-311 ①②	H4	24V	Lamps: 2xH4,1xT4W, 1xC5W, 1xR5W, 1xP21W, 1xP21/5W Fuses: 1xSt. 5Amp, 1xSt. 10Amp., 1xSt. 15Amp., 1xSt. 20Amp.	10	7
417647-311 ①②	H7	24V	Lamps: 2xH7,1xW5W, 1xC5W, 1xR5W, 1xP21W, 1xP21/5W Fuses: 1xSt. 5Amp, 1xSt. 10Amp., 1xSt. 15Amp., 1xSt. 20Amp.	10	8



- ① Production on request
- ② Alternative configurations available on request

## Sky Blue



Ref.	ECE	SAE/ DOT	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
216651	H1	H1	12V	55W	P14,5s	H1	100	1
216653 ①	H3	H3	12V	55W	PK22s	H3	100	2
216611	H4		12V	60/55W	P43t	H4	100	3
216607	H7	H7	12V	55W	PX26d	H7	100	4
216008 ①	H8	H8	12V	35W	PGJ19-1	H8	100	5
216009 ①	H9	H9	12V	65W	PGJ19-5	H9	100	6
216011 ①	H11	H11	12V	55W	PGJ19-2	H11	100	7
216013 ①	H13	H13	12V	60/55W	P26,4t	H13	100	8
216625 ①		9004	12V	65/45W	P29t	HB1 (9004)	100	9
216623 ①	HB3	9005	12V	60(65W)	P20d	HB3 (9005)	100	10

## Sky Blue



Ref.	ECE	SAE/ DOT	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
216621 ①	HB4	9006	12V	51(55W)	P22d	HB4 (9006)	100	1
216927 ①		9007	12V	65/55W	PX29t	HB5 (9007)	100	2
416652 ①	H1	H1	24V	70W	P14,5s	H1	100	3
416656 ①	H3	H3	24V	70W	PK22s	H3	100	4
416612 ①	H4		24V	75/70W	P43t	H4	100	5
416647 ①	H7	H7	24V	70W	PX26d	H7	100	6

## Twin Plastic Box program



Ref.	ECE	SAE/ DOT	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
216611-302 ①	H4		12V	65/55W	P23t	H4	10	7
216607-302 ①	H7	H7	12V	55W	PX26d	H7	10	8



① Production on request



① Production on request



## Space Blue



Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
* 219651 ①②		12V	55W	P14,5s	H1	100	1
* 219685 ①②		12V	100W	P14,5s	H1	100	1
* 219686 ①②		12V	130W	P14,5s	H1	100	1
* 219653 ①②		12V	55W	PK22s	H3	100	2
* 219638 ①②		12V	100W	PK22s	H3	100	2
* 219611 ①②		12V	60/55W	P43t	H4	100	3
* 219571 ①②		12V	100/80W	P43t	H4	100	3
* 219607 ①②		12V	55W	PX26d	H7	100	4
* 219606 ①②		12V	100W	PX26d	H7	100	4
* 219008 ①②		12V	35W	PGJ19-1	H8	100	5
* 219009 ①②		12V	65W	PGJ19-5	H9	100	6



- \* No ECE approval - Not for use in European public traffic
- ① Production on request
- ② More intensive blue colouring

## Space Blue



Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
* 219925 ①②		12V	65/45W	P29t	HB1 9004	100	1
* 219928 ①②		12V	100/80W	P29t	HB1 9004	100	1
* 219923 ①②		12V	60W	P20d	HB3 9005	100	2
* 219929 ①②		12V	100W	P20d	HB3 9005	100	2
* 219921 ①②		12V	51(55W)	P22d	HB4 9006	100	3
* 219926 ①②		12V	80W	P22d	HB4 9006	100	3
* 219927 ①②		12V	65/55W	PX29t	HB5 9007	100	4
* 219575 ①②		12V	100/80W	PX29t	HB5 9007	100	4



- \* No ECE approval - Not for use in European public traffic
- ① Production on request
- ② More intensive blue colouring



Stop, flasher and tail lamps

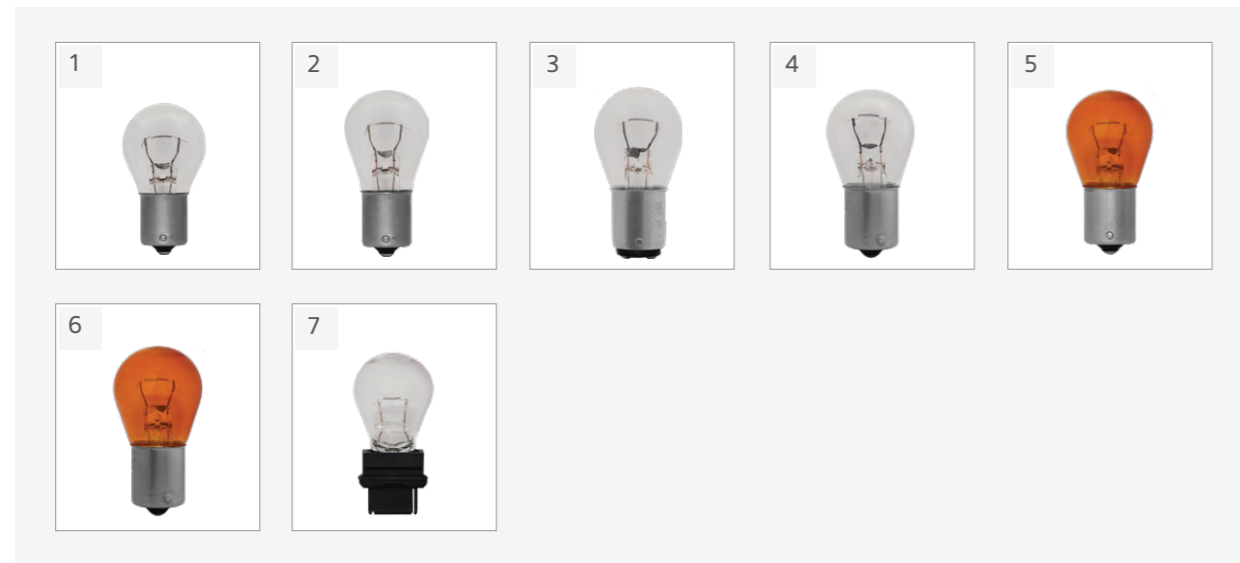


Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
280271		12V	18W	BA15s		200	2
280333	P21W	12V	21W	BA15d	P21W	200	3
280281	P21W	12V	21W	BA15s	P21W	200	2
288283 ②		12V	21W	BA15s	Amber	200	5
280282		12V	21W	BAU15s		200	4
288281 ②	PY21W	12V	21W	BAU15s	Amber	200	6
280397		12V	27W	BA15s		200	2
290337 ③	P27W	12V	27W	W2,5x16d	P27W	200	7
480150		24V	18W	BA15s		200	2
480151	P21W	24V	21W	BA15d		200	3
480281	P21W	24V	21W	BA15s	P21W	200	1
488281 ②	PY21W	24V	21W	BAU15s	Amber	200	6

Stop, flasher and tail lamps



Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
280334		12V	21/5W	BA15d		200	1
288339 ②		12V	21/4W	BAZ15d	Amber	200	2
280371		12V	18/5W	BAY15d		200	1
280139	P21/4W	12V	21/4W	BAZ15d	P21/4W	200	3
280338	P21/5W	12V	21/5W	BAY15d	P21/5W	200	1
280332 ③	P27/7W	12V	27/7W	W2,5x16q	P27/7W	200	4
288332 ② ③	PY27/7W	12V	27/7W	WX2,5x16q	Amber	200	5
280336		12V	10/5W	BAY15d		200	1



- ② For white flasher lamps
- ③ Plastic Base



- ② For white flasher lamps
- ③ Plastic Base



### Stop, flasher and tail lamps



Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
480140	P21/4W	24V	21/4W	BAZ15d	P21/4W	200	1
480339	P21/5W	24V	21/5W	BAY15d		200	2
480352		24V	18/5W	BAY15d		200	2
488339 ②		24V	21/4W	BAZ15d	Amber	200	3
480386		24V	21/5W	BAY15d	G18.5	200	4

### Spherical bulbs



Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
240324	R5W	12V	5W	BA15d	R5W	200	2
240314	R5W	12V	5W	BA15s	R5W	200	1
240326	R10W	12V	10W	BA15d	R10W	200	2
240316	R10W	12V	10W	BA15s	R10W	200	1
248306 ②	RY10W	12V	10W	BAU15s	Amber	200	3
240318		12V	15W	BA15s		200	1
480394	R5W	24V	5W	BA15d	R5W	200	2
440344	R5W	24V	5W	BA15s	R5W	200	1
480396	R10W	24V	10W	BA15d	R10W	200	2
440345	R10W	24V	10W	BA15s	R10W	200	1
440348		24V	15W	BA15s		200	1
880397 ①		28V	7W	BA15d		200	2
840347 ①		28V	7W	BA15s		200	1



② For white flasher lamps



① Production on request  
② For white flasher lamps





### Indicator and parking light bulbs



Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
240102		12V	2W	BA7s		200	1
240109		12V	2W	BA9s		200	2
240107		12V	3W	BA9s		200	2
240111	T4W	12V	4W	BA9s	T4W	200	3
440102		24V	2W	BA9s		200	2
440104		24V	3W	BA7s		200	1
440103		24V	3W	BA9s		200	2
440122	T4W	24V	4W	BA9s	T4W	200	3

### Halogen parking light & flasher bulbs



Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
210692	H6W	12V	6W	BAX9s	H6W	200	1
210693	H21W	12V	21W	BAY9s	H21W	200	2
410694	H21W	24V	21W	BAY9s	H21W	200	2

### Miniwatt halogen bulbs



Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
210689		12V	5W	BA9s		200	3
210602 ①		12V	5W	B10d	Black	200	4
210690		12V	10W	BA9s		200	3
210691		12V	20W	BA9s		200	3



① Plastic base



### Wedge Base lamps



Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
250702		12V	1,2W	W2x4,6d		200	1
250707		12V	1,5W	W2x4,6d		200	1
250706		12V	2W	W2x4,6d		200	1
250722		12V	2W	W2,1x9,5d		200	2
250703	W2,3W	12V	2,3W	W2x4,6d	W2,3W	200	1
250712	W3W	12V	3W	W2,1x9,5d	W3W	200	2
250732	W5W	12V	5W	W2,1x9,5d	W5W	200	2
256732 ①	W5W	12V	5W	W2,1x9,5d	Sky Blue	200	3
258732 ②	WY5W	12V	5W	W2,1x9,5d	Amber	200	4
250714 ①		12V	6W	W2,1x9,5d		200	2
250717		12V	7,5W	W2,1x9,5d		200	5
250713	W10W	12V	10W	W2,1x9,5d	W10W	200	5
258713 ②	WY10W	12V	10W	W2,1x9,5d	Amber	200	6
250718	W16W	12V	16W	W2,1x9,5d	W16W	200	7
258718	WY16W	12V	16W	W2,1x9,5d	Amber	200	8

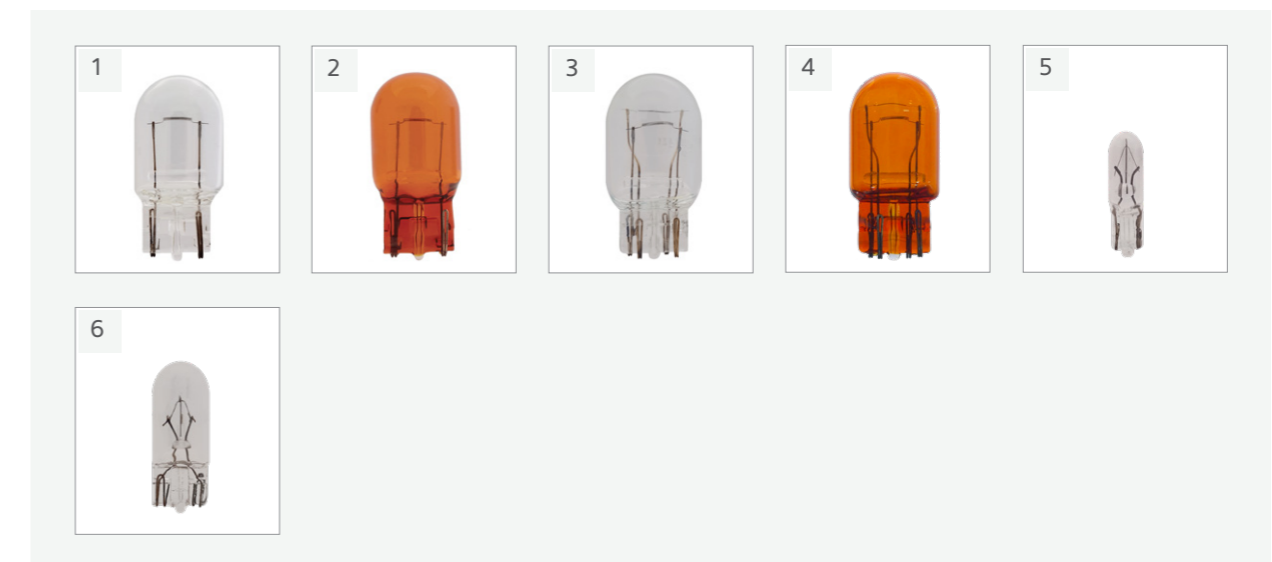


- ① Production on request
- ② For white flasher lamps

### Wedge Base lamps



Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
250781	W21W	12V	21W	W3x16d	W21W	200	1
258781 ②	WY21W	12V	21W	WX3x16d	Amber	200	2
250791	W21/5W	12V	21/5W	W3x16q	W21/5W	200	3
258791 ②		12V	21/5W	WX3x16q	Amber	200	4
450701		24V	1W	W2x4,6d		200	5
450704		24V	1,2W	W2x4,6d		200	5
450705		24V	2W	W2x4,6d		200	5
450725		24V	2W	W2,1x9,5d		200	6
450724	W3W	24V	3W	W2,1x9,5d	W3W	200	6
450734	W5W	24V	5W	W2,1x9,5d	W5W	200	6



- ② For white flasher lamps



## Plastic Base lamps

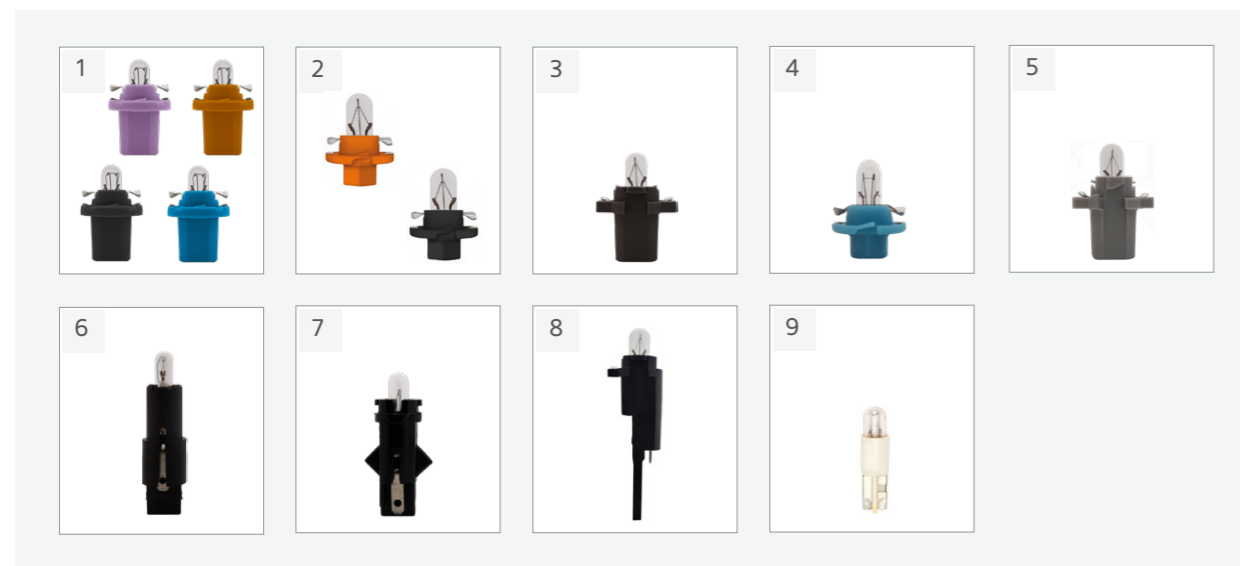


Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
260783		12V	0,4W	BX8,5d	Blue/Lilac	200	1
260798		12V	1,0W	BX8,5d	Orange	200	1
260718		12V	1,1W	BX8,4d	Orange	200	2
260719		12V	1,2W	B8,3d	Black	200	3
260799		12V	1,2W	B8,4d-12,5	Light Blue	200	4
260790		12V	1,2W	B8,7d	Grey	200	5
260784		12V	1,2W	BAX10d/B8,5d	Black	200	1
260796		12V	1,2W	BG8-5,5d	Black	200	6
260795		12V	1,2W	BG8,5-5,5d	Black	200	7
260797 ①		12V	1,2W	BG8,5s/40	Black	200	8
260715		12V	1,2W	BX8,4d	Black	200	2
260793		12V	1,2W	BX8,5d	Light Blue	200	1
260706		12V	1,2W	W2x4,6d	White	200	9

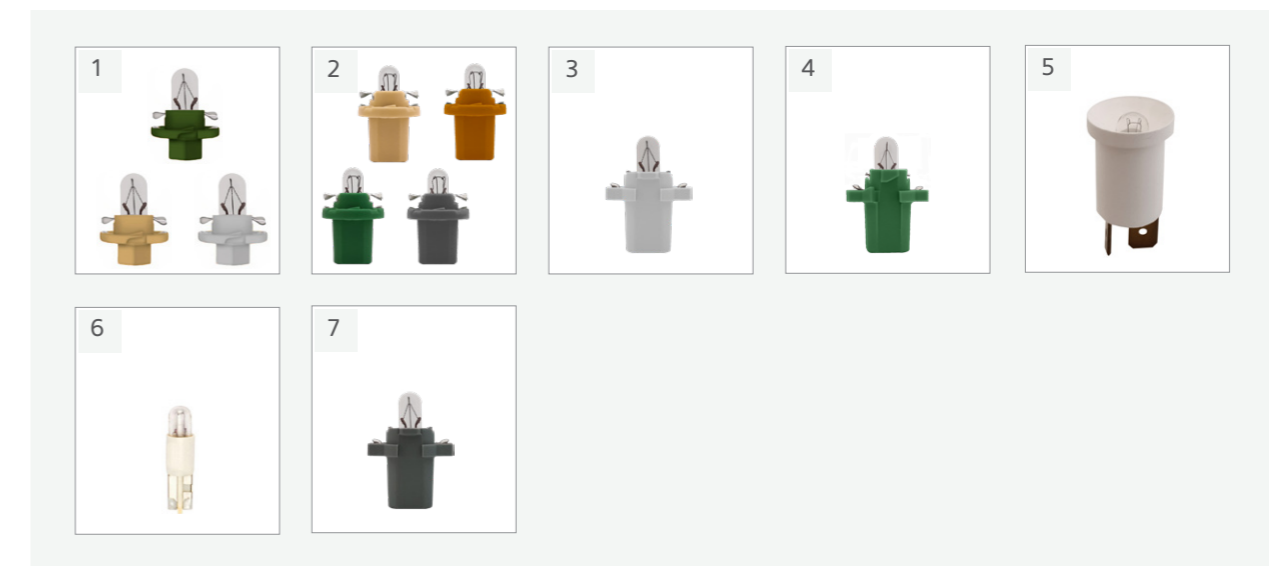
## Plastic Base lamps



Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
260716		12V	1,3W	BX8,4d	Dark Green	200	1
260788		12V	1,5W	BAX10d/B8,5d	Beige	200	2
260782		12V	1,5W	BX8,4d	Beige	200	1
260789		12V	1,5W	BX8,5d	Orange	200	2
260721		12V	2,0W	B8,3d	White	200	3
260792		12V	2,0W	B8,7d	Green	200	4
260786		12V	2,0W	BAX10d/B8,5d	Green	200	2
260717		12V	2,0W	BX8,4d	White-Green	200	1
260794		12V	2,0W	BX8,5d	White-Green	200	2
290770		12V	2,0W	REF17	White	200	5
460714		24V	1,0W	W2x4,6d	White	200	6
460720		24V	1,2W	B8,3d	Grey	200	7
460785		24V	1,2W	BAX10d/B8,5d	Grey	200	2



① Production on request





## Plastic Base lamps

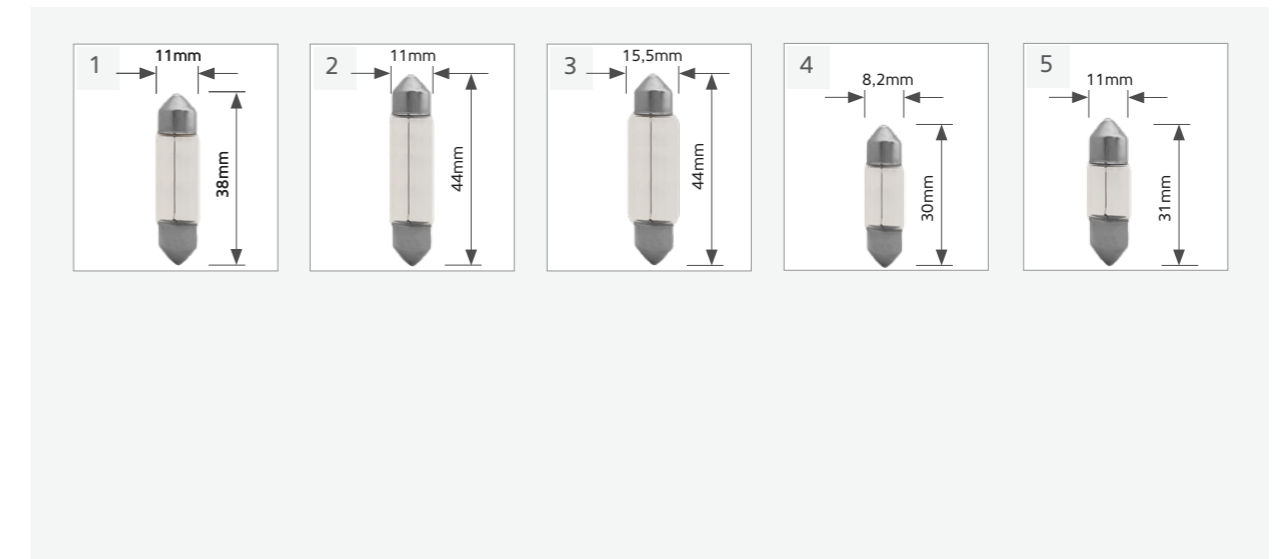


Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
460740		24V	1,2W	BX8,5d	Copper Red	200	1
460749		24V	1,2W	EBS N10	Beige	200	2
460750		24V	1,2W	EBS R4	Yellow	200	3
460751		24V	1,2W	EBS R6	Brown	200	3
460754		24V	1,2W	EBS R10	White	200	3
460755		24V	1,2W	EBS R12	Blue	200	3
490772		24V	1,2W	REF17	White	200	4
460760		24V	1,4W	EBS R11	Light Green	200	3
490773		24V	1,4W	REF29	White	200	5
490771		24V	2,4W	REF9	White	200	6

## Festoon lamps



Ref.	ECE	Volt	Watt	Base	Dimensions (mm)	Packing/ pcs.	Image No.
270212		12V	3W	SV7-8	8,2 x 30	200	4
270270		12V	5W	SV8,5-8	11 x 31	200	5
270214	C5W	12V	5W	SV8,5-8	11 x 38	200	1
270218		12V	5W	SV8,5-8	11 x 44	200	2
270274		12V	10W	SV8,5-8	11 x 31	200	5
270245		12V	10W	SV8,5-8	11 x 38	200	1
270261		12V	10W	SV8,5-8	11 x 44	200	2
270206		12V	10W	SV8,5-8	15,5 x 44	200	3
270209		12V	15W	SV8,5-8	15,5 x 44	200	3
270213		12V	18W	SV8,5-8	15,5 x 44	200	3
270215	C21W	12V	21W	SV8,5-8	15,5 x 44	200	3

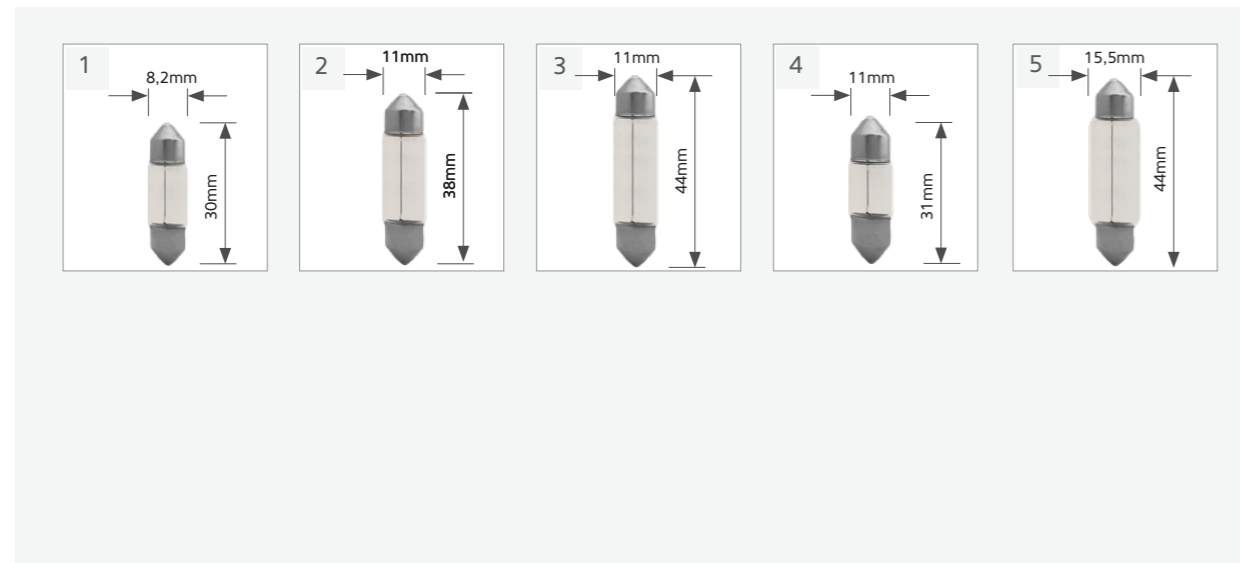




### Festoon lamps



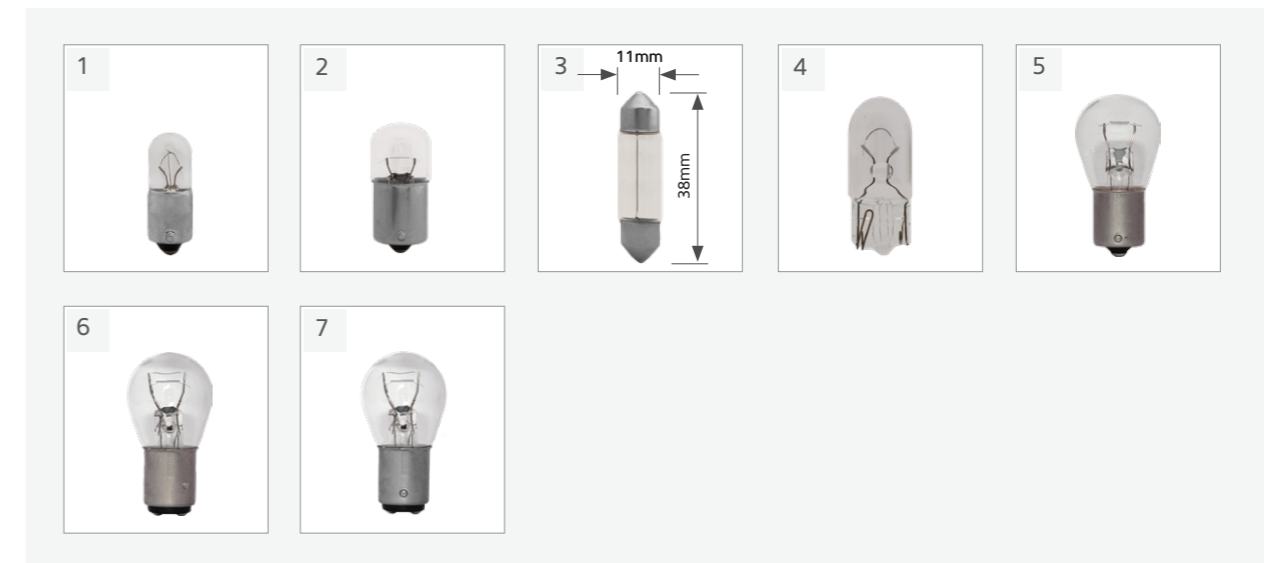
Ref.	ECE	Volt	Watt	Base	Dimensions (mm)	Packing/ pcs.	Image No.
470201		24V	3W	SV7-8	8,2 x 30	200	1
470202	C5W	24V	5W	SV8,5-8	11 x 38	200	2
470216		24V	10W	SV8,5-8	11 x 31	200	4
470207		24V	10W	SV8,5-8	11 x 38	200	2
470211		24V	10W	SV8,5-8	11 x 44	200	3
470210		24V	15W	SV8,5-8	15,5 x 44	200	5
470214		24V	18W	SV8,5-8	15,5 x 44	200	5



### Extreme Life



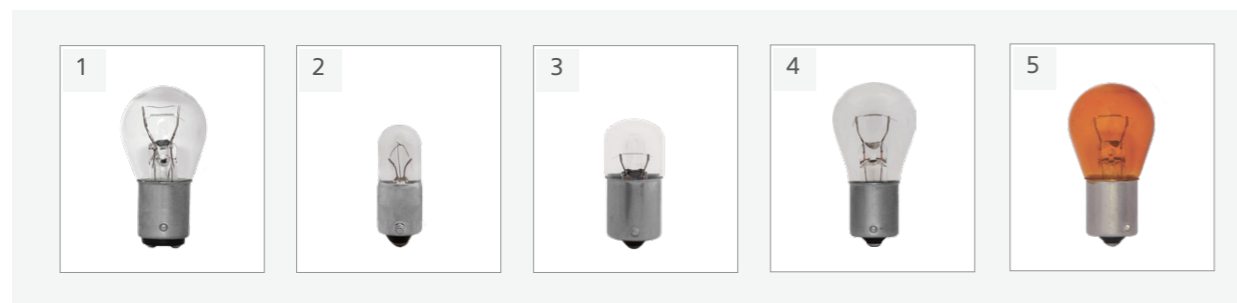
Ref.	ECE	Volt	Watt	Base	Dimensions (mm)	Packing/ pcs.	Image No.
244111	T4W	12V	4W	BA9s		200	1
244314	R5W	12V	5W	BA15s		200	2
274214	C5W	12V	5W	SV8,5-8	11 x 38	200	3
254732	W5W	12V	5W	W2,1x9,5d		200	4
244316	R10W	12V	10W	BA15s		200	2
284281	P21W	12V	21W	BA15s		200	5
284139	P21/4W	12V	21/4W	BAZ15d		200	6
284338	P21/5W	12V	21/5W	BAY15d		200	7



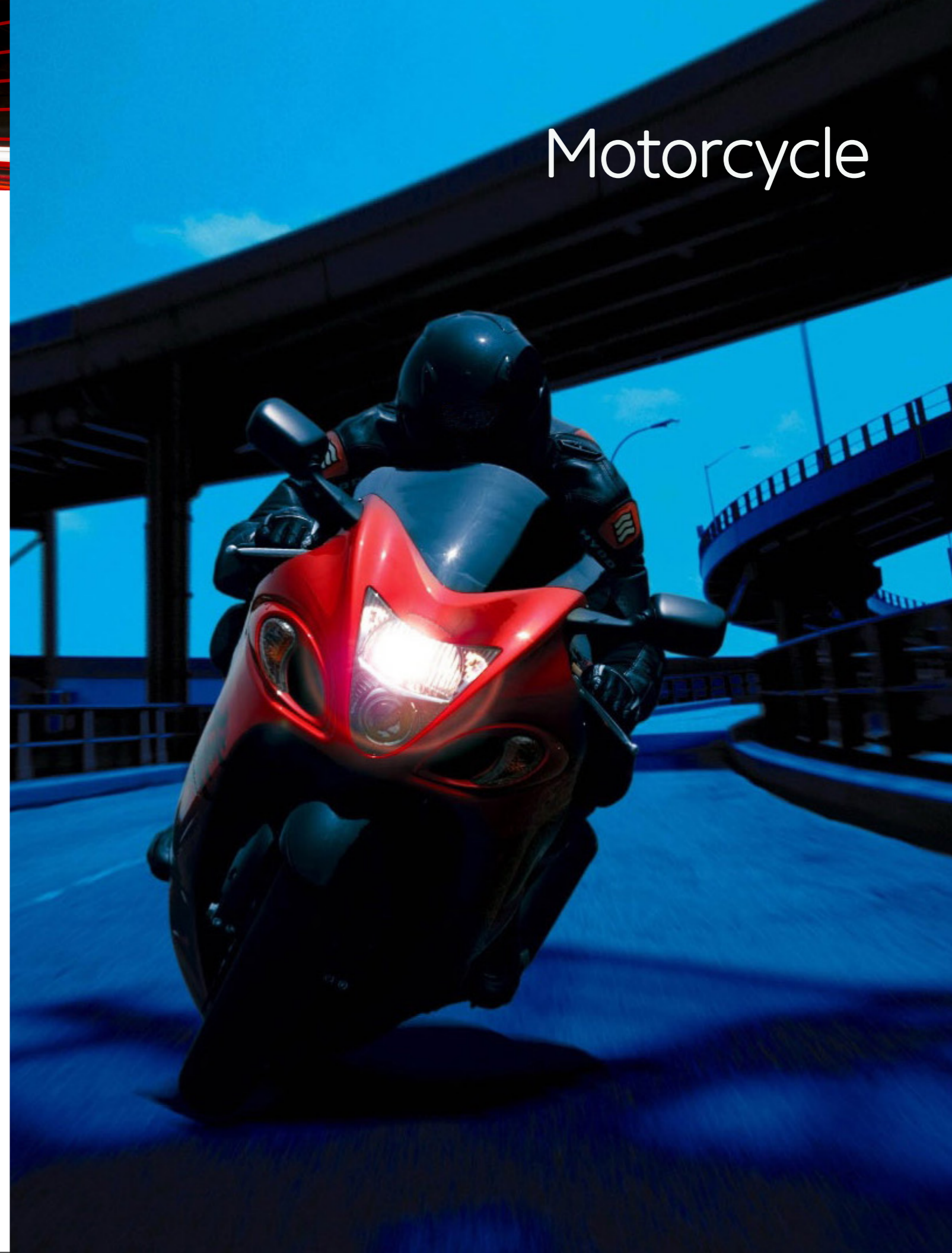
## Heavy Duty



Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
287338	P21/5W	12V	21/5W	BAY15d		200	1
447122	T4W	24V	4W	BA9s		200	2
447344	R5W	24V	5W	BA15s		200	3
447345	R10W	24V	10W	BA15s		200	3
487281	P21W	24V	21W	BA15s		200	4
488288 ①	PY21W	24V	21W	BAU15s	Amber	200	5
487339	P21/5W	24V	21/5W	BAY15d		200	1



① For white flasher lamps

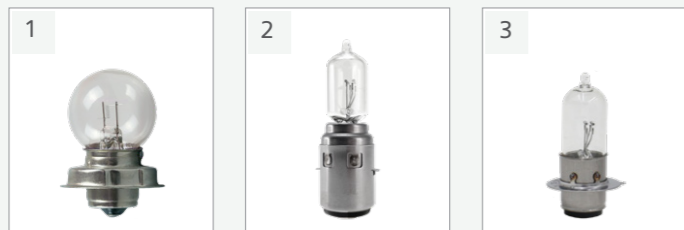




## S3 and M5 bulbs



Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
230401 ①		12V	15W	P26s	S3	100	1
210452		12V	25/25W	P15d-1	M5	100	3
210453 ①		12V	35/35W	BA20d	M5	100	2
210455		12V	35/35W	P15d-1	M5	100	3
210451 ①		12V	25/25W	BA20d	M5	100	2
210450 ①		12V	35/35W	P45t	M5	100	-
210454 ①		12V	35/35W	P36t	M5	100	-
210459 ①		12V	35/35W	P15d-3	M5	100	-



① Production on request

## Standard Halogen bulbs



Ref.	ECE	SAE/ DOT	Volt	Watt	Base	Description	Packing/ pcs.	Image No.
* 210651	H1	H1	12V	55W	P14,5s	H1	100	1
* 210653	H3	H3	12V	55W	PK22s	H3	100	2
* 210611	H4		12V	60/55W	P43t	H4	100	3
* 210607	H7	H7	12V	55W	PX26d	H7	100	4
** 210008	H8	H8	12V	35W	PGJ19-1	H8	100	5
** 210009	H9	H9	12V	65W	PGJ19-5	H9	100	6
*** 210011	H11	H11	12V	55W	PGJ19-2	H11	100	5
210609	HS1		12V	35/35W	PX43t	HS1	100	7



\* Also available in Standard +30%, Ultimate +100%, Extreme Life, Sky Blue, Space Blue  
 \*\* Also available in Standard +30%, Extreme Life, Sky Blue, Space Blue  
 \*\*\* Also available in Standard +30%, Ultimate +100%, Extreme Life, Sky Blue



## Standard Auxiliary lamps

Ref.	ECE	Volt	Watt	Base	Description	Packing/ pcs.	Page No.
* 240111	T4W	12V	4W	BA9s	T4W	200	35
250702		12V	1,2W	W2x4,6d		200	37
250722		12V	2W	W2,1x9,5d		200	37
250712	W3W	12V	3W	W2,1x9,5d	W3W	200	37
* 250732	W5W	12V	5W	W2,1x9,5d	W5W	200	37
256732	W5W	12V	5W	W2,1x9,5d	W5W Sky Blue	200	37
258732	WY5W	12V	5W	W2,1x9,5d	Amber	200	37
* 270214	C5W	12V	5W	SV8,5-8	11 x 38	200	42
* 240314	R5W	12V	5W	BA15s	R5W	200	34
* 240316	R10W	12V	10W	BA15s	R10W	200	34
248306	RY10W	12V	10W	BAU15s	Amber	200	34
* 280281	P21W	12V	21W	BA15s	P21W	200	31
288281	PY21W	12V	21W	BAU15s	Amber	200	31
250718	W16W	12V	16W	W2,1x9,5d	W16W	200	37
258718	WY16W	12V	16W	W2,1x9,5d	Amber	200	37
250781	W21W	12V	21W	W3x16d	W21W	200	38
258781	WY21W	12V	21W	WX3x16d	Amber	200	38
250791	W21/5W	12V	21/5W	W3x16q	W21/5W	200	38
* 280139	P21/4W	12V	21/4W	BAZ15d	P21/4W	200	32
* 280338	P21/5W	12V	21/5W	BAY15d	P21/5W	200	32
210692	H6W	12V	6W	BAX9s	H6W	200	36
210693	H21W	12V	21W	BAY9s	H21W	200	36

\* Also available in Extreme Life, Heavy Duty





## LED



Ref.	Volt	mAmpere	Base	Description	Colour	Pack./pcs.	Image No.
* 249024	12V	20mA	BA9s	T10 - 1 LED	white	200	1
* 249034	12V	40mA	BA15s	G18 - 6 LED	white	200	2
* 259048	12V	20mA	W2,1x9,5d	SMD	white	200	3
* 269084	12V	60mA	W2,1x9,5d	T15 - 9 LED	white	200	4
* 269094	12V	60mA	W3x1,6d	T20 - 9 LED	white	200	5
* 289014	12V	120mA	BA15s	S25 - 19 LED	white	200	6
* 289024	12V	120/30mA	BAY15d	S25 - 19 LED	white	200	7
* 449009	24V	20mA	BA15s	G18 - 6 LED	white	200	2
* 459079	24V	20mA	W2,1x9,5d	T10 - 1 LED	white	200	8



\* No ECE approval - Not for use in European public traffic

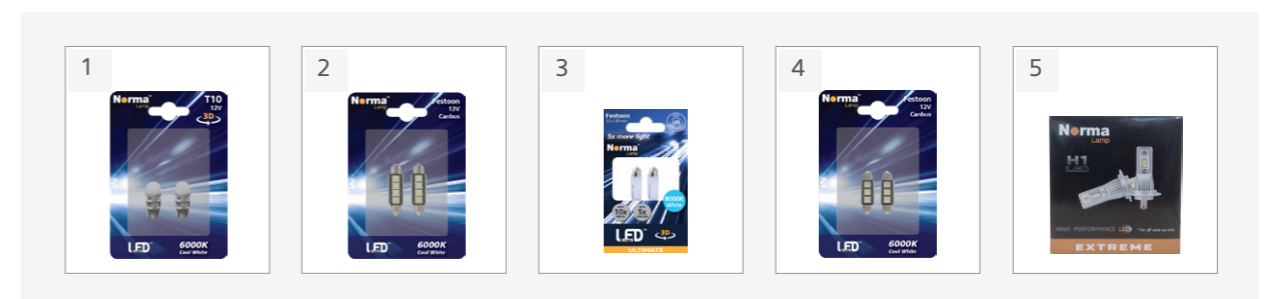
## LED 3D / Ultimate 3D



Ref.	Volt	mAmpere	Base	Description	Colour	Pack./pcs.	Image No.
* 259708-202	12V	30mA	W2,1x9,5d	T10 - 3D	cool white	20	1
* 279803-202 ①	12V	150mA	SV8,5-8	11 x 44 Canbus	white	20	2
* 279806-102	12V	100mA	SV8,5-8	11x 38 - Ultimate 3D	white	20	3
* 279808-202	12V	150mA	SV8,5-8	11 x 38 Canbus	white	20	4
* 459709-202 ①	24V	30mA	W2,1x9,5d	T10 - 3D	cool white	20	1
* 479809-202 ①	24V	110mA	SV8,5-8	11 x 38 Canbus	white	20	4

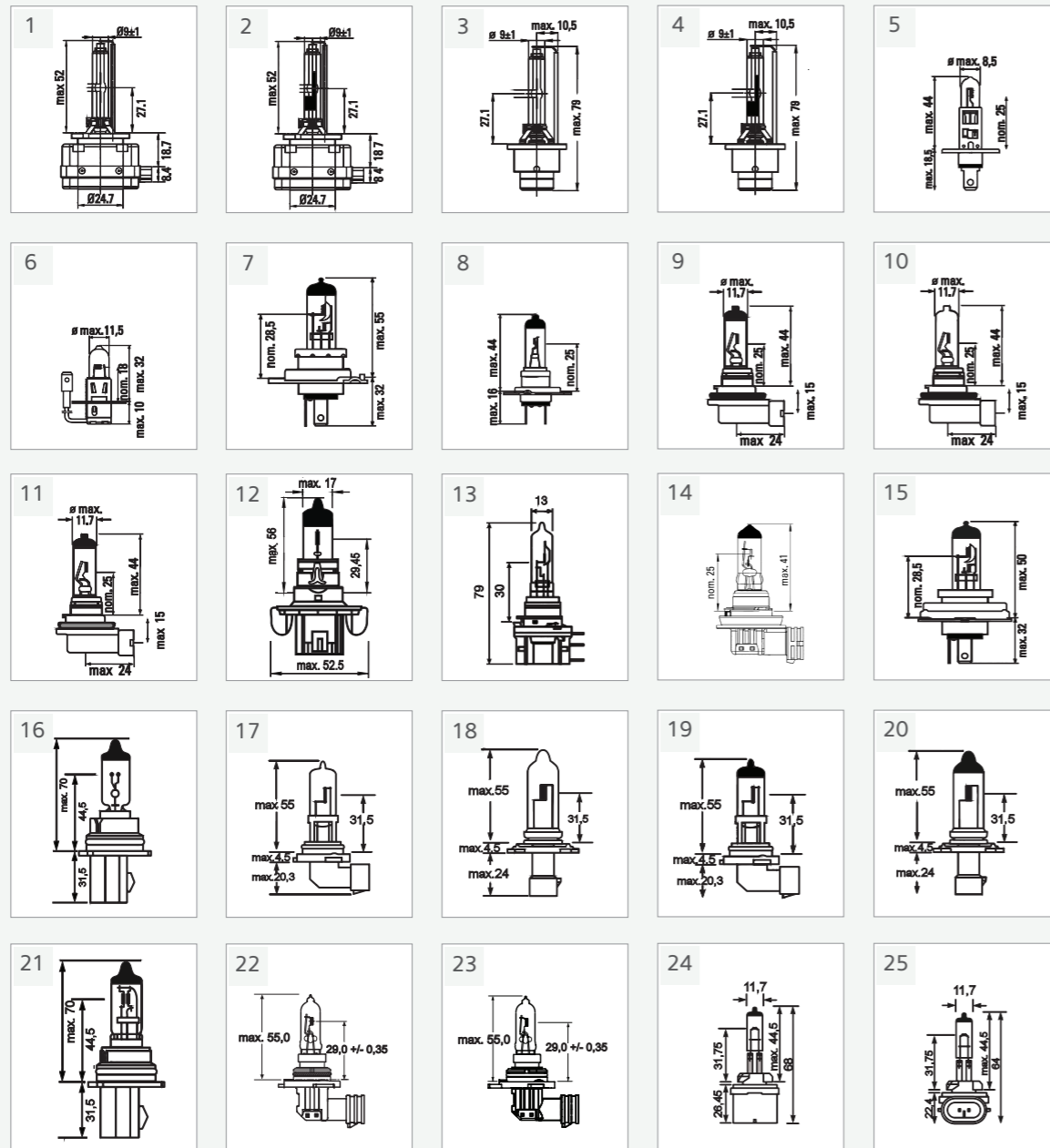
## LED Headlights - EXTREME

Ref.	Description	Image No.	Ref.	Description	Image No.
* 198001-102	H1 4000 lm, 6500K, 9-32V	5	* 198880-102	880 4000 lm, 6500K, 9-32V	5
* 198003-102	H3 4000 lm, 6500K, 9-32V	5	* 198881-102	881 4000 lm, 6500K, 9-32V	5
* 198004-102	H4 4000 lm, 6500K, 9-32V	5	* 198928-102	HB1 4000 lm, 6500K, 9-32V	5
* 198007-102	H7 4000 lm, 6500K, 9-32V	5	* 198923-102	HB3 4000 lm, 6500K, 9-32V	5
* 198008-102	H8 4000 lm, 6500K, 9-32V	5	* 198921-102	HB4 4000 lm, 6500K, 9-32V	5
* 198009-102	H9 4000 lm, 6500K, 9-32V	5	* 198927-102	HB5 4000 lm, 6500K, 9-32V	5
* 198010-102	H10 4000 lm, 6500K, 9-32V	5	* 198052-102	HIR2 4000 lm, 6500K, 9-32V	5
* 198111-102	H11B 4000 lm, 6500K, 9-32V	5	* 198024-102	PX24W 4000 lm, 6500K, 9-32V	5
* 198013-102	H13 4000 lm, 6500K, 9-32V	5	* 198113-102	P13 4000 lm, 6500K, 9-32V	5
* 198115-102	H15 canbus, 6500K, 9-32V	5	* 198202-102	5205 canbus, 6500K, 9-32V	5

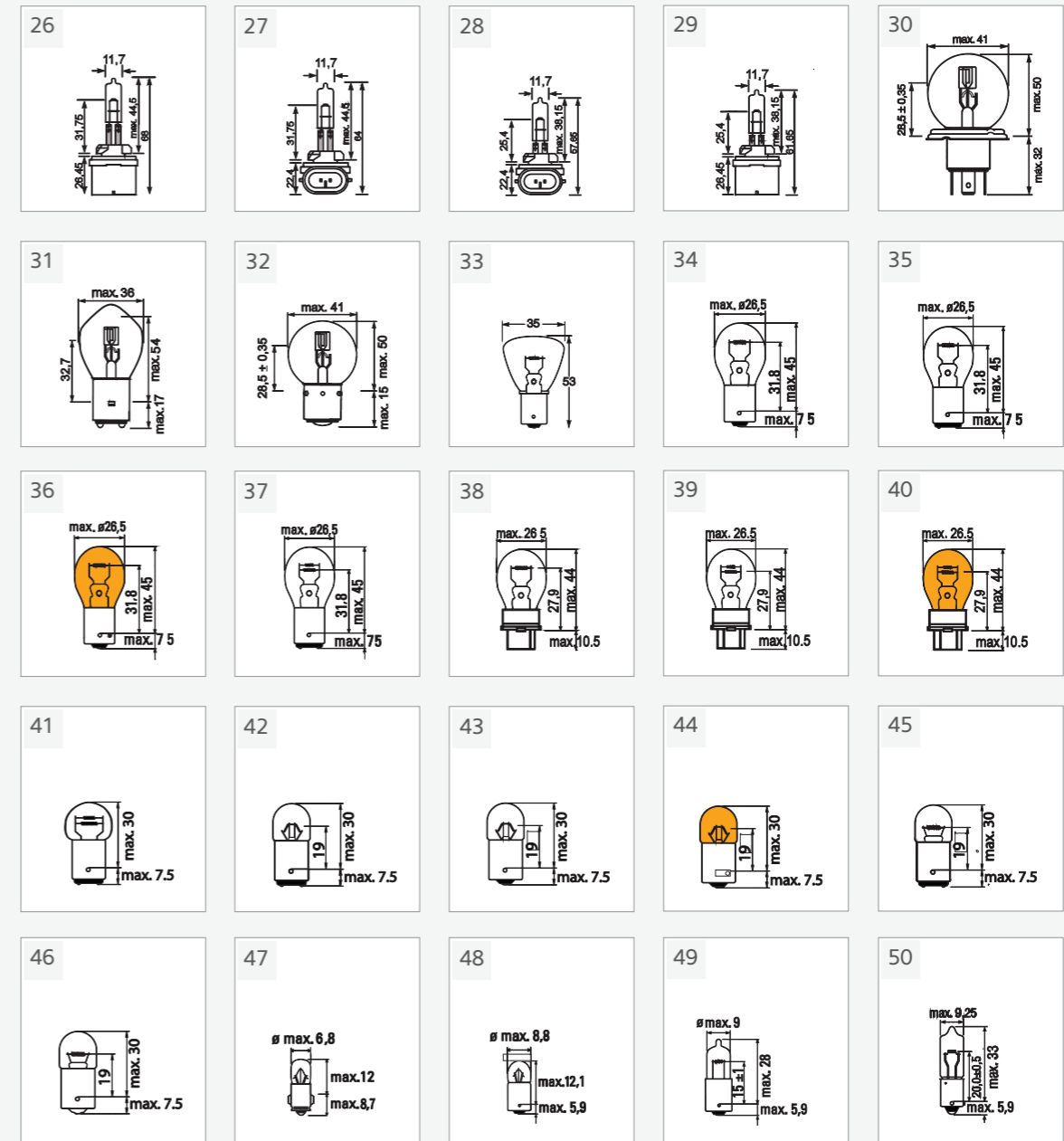


\* No ECE approval - Not for use in European public traffic

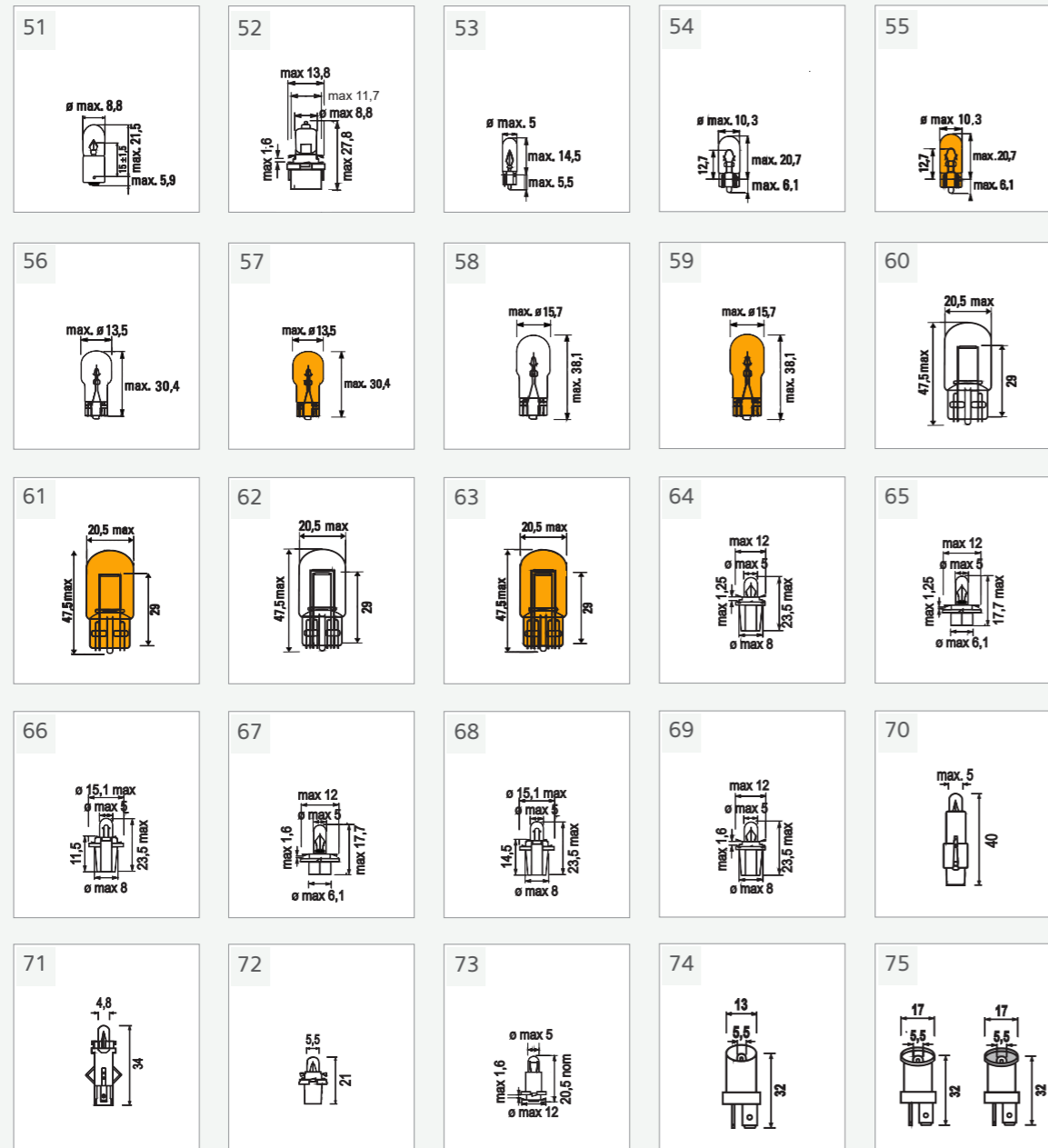
① Production on request



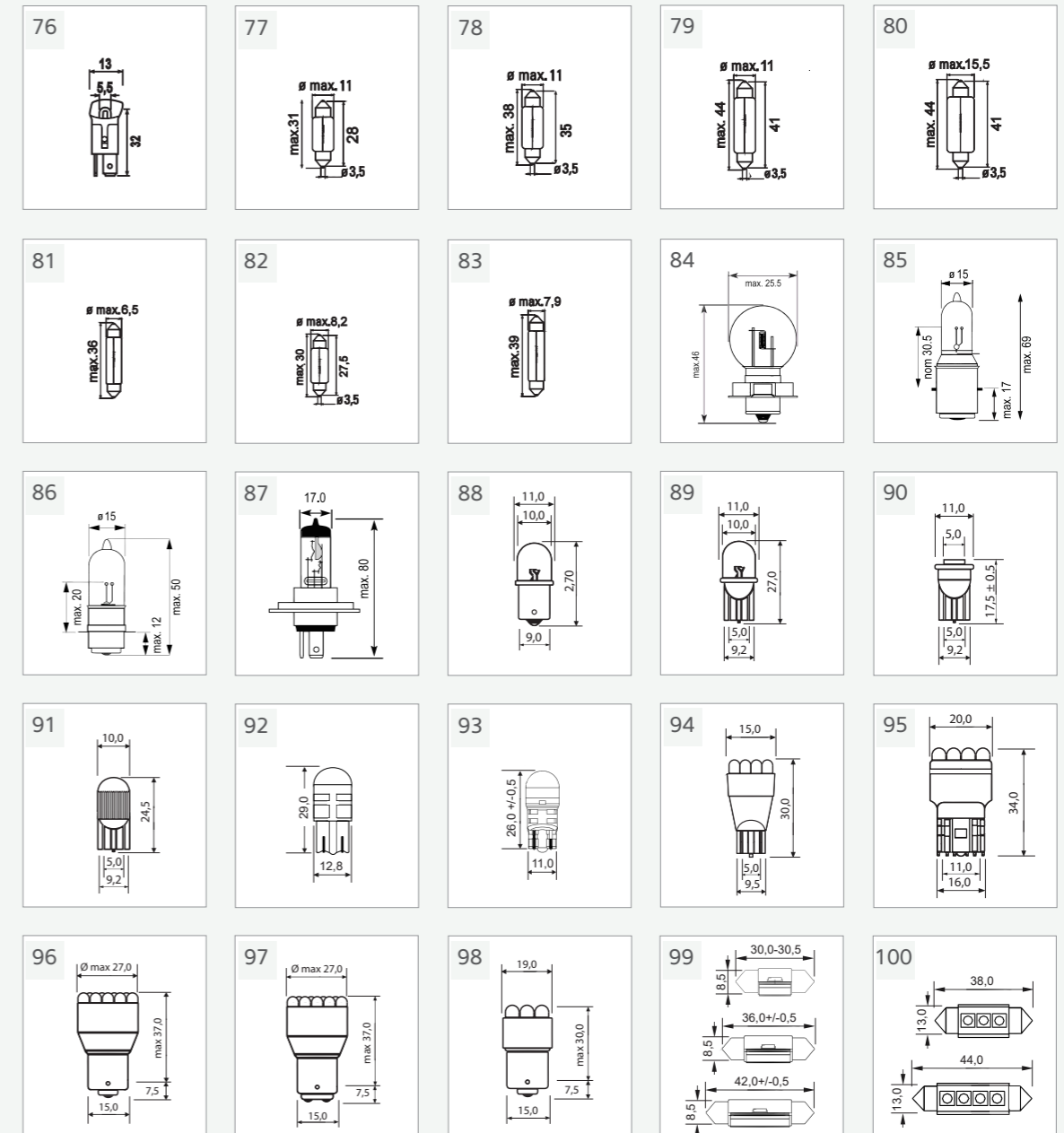
- |             |        |         |          |              |
|-------------|--------|---------|----------|--------------|
| 1. D1S, D3S | 6. H3  | 11. H11 | 16. HB1  | 21. HB5      |
| 2. D1R, D3R | 7. H4  | 12. H13 | 17. HB3  | 22. HIR1     |
| 3. D2S, D4S | 8. H7  | 13. H15 | 18. HB3A | 23. HIR2     |
| 4. D2R, D4R | 9. H8  | 14. H16 | 19. HB4  | 24. 880, 893 |
| 5. H1       | 10. H9 | 15. HR2 | 20. HB4A | 25. 881, 896 |



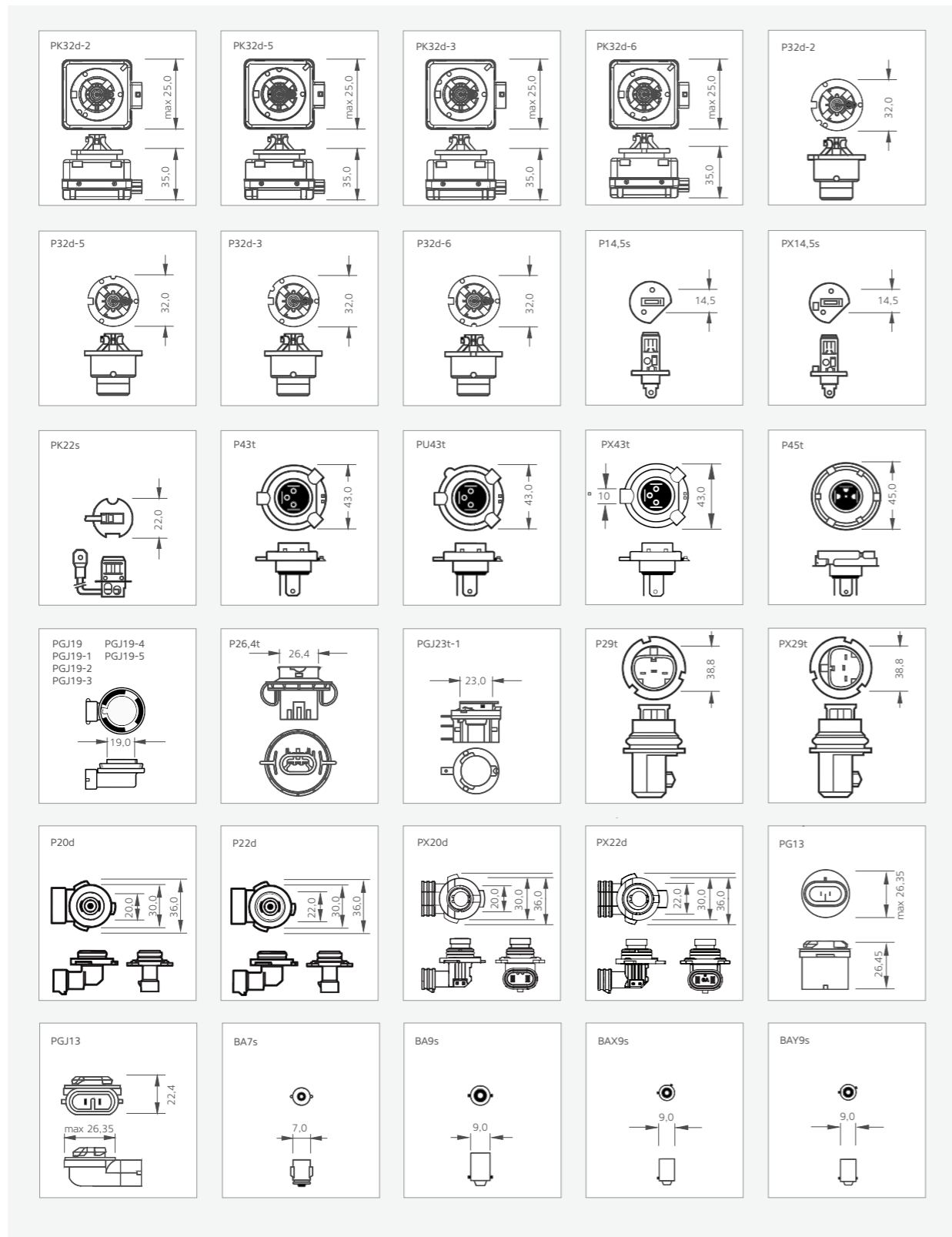
- |              |                |             |                |                |
|--------------|----------------|-------------|----------------|----------------|
| 26. 884, 885 | 31. S1, S2     | 36. PY21W   | 41. G18.5      | 46. R10W BA15s |
| 27. 886, 894 | 32. BA29d      | 37. P21/5W  | 42. R5W BA15d  | 47. BA7s       |
| 28. 889      | 33. BA15s      | 38. P27W    | 43. R5W BA15s  | 48. BA9s       |
| 29. 890      | 34. P21W BA15s | 39. P27/7W  | 44. RY10W      | 49. H6W        |
| 30. R2       | 35. P21W BA15d | 40. PY27/7W | 45. R10W BA15d | 50. H21W       |



51. T4W  
52. B10d  
53. W1,2W  
54. W3W, W5W  
55. WY5W  
56. W10W  
57. WY10W  
58. W16W  
59. WY16W  
60. W21W  
61. WY21W  
62. W21/5W  
63. WY21/5W  
64. BX8,5d  
65. BX8,4d  
66. B8,3d  
67. BX8,4d-12,5  
68. B8,7d  
69. BAX10d/B8,5d  
70. BG8-5,5d  
71. BG8,5-5,5d  
72. EBS N10  
73. EBS R  
74. REF9  
75. REF17/Chrome



76. REF29  
77. SV8,5-8 31mm  
78. SV8,5-8 38mm  
79. SV8,5-8 44x11mm  
80. SV8,5-8 44x15mm  
81. S5,5 36mm  
82. SV7-8 30mm  
83. SV7-8 39mm  
84. S3  
85. M5-BA20d  
86. M5 - P15d-1  
87. HS1  
88. T10-1 LED BA9s  
89. T10-1 LED W2,1x9,5d  
90. SMD-1 LED W2,1x9,5d  
91. T10-3 LED 3D W2,1x9,5d  
92. T10-3 LED W2,1x9,5d  
93. T10 Ultimate 3D W2,1x9,5d  
94. T15-9 LED W2,1x9,5d  
95. T20-9 LED W3x16d  
96. S25-19 LED BA15s  
97. S25-19 LED BAY15d  
98. G18 - 6 LED  
99. SV8,5-8 Ultimate 3D  
100. SV8,5-8 Canbus





Available in:



Paper box -101



Paper box -110



Plastic Box -305



\* Single Blister -201

## Standard

- top quality bulbs
- reliability & safe driving
- high level customer satisfaction

Available in:



\* production on request



Available in:



Paper box -101



Plastic Box -302



\* Double Blister -202

## Standard +30%

- up to 30% more light
- price attractiveness
- high quality quartz glass

*\* production on request*

Available in:



H1

H3

H4

H7

H8

H9

H11

Available in:



Paper box -101



Plastic Box -302



\* Double Blister -202

## Ultimate +100%

- up to 100% more light
- up to 40 meters longer light beam
- improved driver's reaction time
- top design

*\* production on request*

Available in:



H1

H3

H4

H7

H11



Available in:



## ExtremeLife

- 200% longer lifetime
- cost reduction due to longer replacement time
- top design with silver cap

\* production on request

Available in:



Available in:



## HeavyDuty

- extra vibration resistant
- longer lifetime
- cost saving due to longer replacement time

\* production on request

Available in:





Available in:



Paper box -101



Plastic Box -302



\* Double Blister -202

## SkyBlue

- top design with silver cap
- white bluish light for XENON like effect
- higher color temperature

*\* production on request*

Available in:



Available in:



Paper box -101

## SpaceBlue

- top design with silver cap
- blue light
- for off-road use only

Available in:







Available in:



Paper box -101



Double Blister -202



Paper Box -102



- up to 5x more light
- color temperatures of up to 8.000 K
- up to 10x lifetime
- energy saving

LED & LED 

LED Ultimate 

# Boost your Sales!

## New Innovative POS

- easy to assemble
- customizable layouts
- multiple packaging
- order cost estimation software



Indicative available packaging for displays



Twin Plastic Box



Double Blister



Twin Carton Box

Ref.	EAN Number	ECE	Volt	Watt	Base	Description	Page
200511	5452004600727	R2	12V	45/40W	P45t	R2	14
210004	5452004602486		12V	50W	PG13	885	13
210005	5452004602493		12V	27W	PG13	884	13
210006	5452004602509		12V	27W	PG13	890	13
210008	5452004602424	H8	12V	35W	PGJ19-1	H8	10
210009	5452004602431	H9	12V	65W	PGJ19-5	H9	10
210010	5452004606477	H10	12V	42W	PY20d	H10	10
210011	5452004602448	H11	12V	55W	PGJ19-2	H11	10
210012	5452004606484	H12	12V	53W	PZ20d	H12	10
210013	5452004602462	H13	12V	60/55W	P26,4t	H13	10
210016	5452004605203	H16	12V	19W	PGJ19-3	H16	11
210029	5452004602530		12V	27W	PGJ13	889	13
210037	5452004602547		12V	37,5W	PGJ13	894	13
210038	5452004602554		12V	37,5W	PG13	893	13
210051	5452004606224	HIR1	12V	65W	PX20t	HIR1 9011	12
210052	5452004606231	HIR2	12V	55W	PX22t	HIR2 9012	12
210192	5452004602141		12V	100/80W	P45t	H4	15
210193	5452004602158		12V	130/90W	P45t	H4	15
210450	5452004600611		12V	35/35W	P45t	M5	43
210451	5452004600628		12V	25/25W	BA20d	M5	43
210452	5452004600635		12V	25/25W	P15d-1	M5	43
210453	5452004600642		12V	35/35W	BA20d	M5	43
210454	5452004600659		12V	35/35W	P36t	M5	43
210455	5452004600666		12V	35/35W	P15d-1	M5	43
210459	5452004600703		12V	35/35W	P15d-3	M5	43
210572	5452004602011		12V	130/90W	P43t	H4	15
210575	5452004602042		12V	100/80W	PX29t	HB5 9007	15
210602	5452004601434		12V	5W	B10d	Black	32
210606	5452004601472		12V	100W	PX26d	H7	15
210607	5452004601465	H7	12V	55W	PX26d	H7	10
210607-305	5452004605852	H7	12V	55W	PX26d	H7 Replacement Kit	11
210609	5452004601496		12V	35/35W	PX43t	HS1	44
210611	5452004601946	H4	12V	60/55W	P43t	H4	10
210611-305	5452004605845	H4	12V	60/55W	P43t	H4 Replacement Kit	11
210616	5452004601977		12V	60/55W	P45t	H4	15
210651	5452004601885	H1	12V	55W	P14,5s	H1	10
210651-305	5452004606231	H1	12V	55W	P14,5s	H1 Replacement Kit	11
210653	5452004601915	H3	12V	55W	PK22s	H3	10
210685	5452004601717		12V	100W	P14,5s	H1	15
210686	5452004601724		12V	130W	P14,5s	H1	15
210687	5452004601731		12V	130W	PK22s	H3	15
210688	5452004601748		12V	100W	PK22s	H3	15
210689	5452004601755		12V	5W	BA9s		32

Ref.	EAN Number	ECE	Volt	Watt	Base	Description	Page
210690	5452004601762		12V	10W	BA9s		32
210691	5452004601779		12V	20W	BA9s		32
210692	5452004601786	H6W	12V	6W	BAX9s	H6W	32
210693	5452004601793	H21W	12V	21W	BAY9s	H21W	32
210920	5452004601571	R2	12V	45/40W	P45t	HR2	12
210921	5452004601588	HB4	12V	51(55W)	P22d	HB4	12
210923	5452004601595	HB3	12V	60(65W)	P20d	HB3	12
210926	5452004601625		12V	80W	P22d	HB4 9006	15
210928	5452004601649		12V	100/80W	P29t	HB1 9004	15
210929	5452004601656		12V	100W	P20d	HB3 9005	15
211008	5452004603544	H8	12V	35W	PGJ19-1	H8	17
211009	5452004603551	H9	12V	65W	PGJ19-5	H9	17
211011	5452004603568	H11	12V	55W	PGJ19-2	H11	17
211607	5452004603537	H7	12V	55W	PX26d	H7	17
211607-302	5452004605883	H7	12V	55W	PX26d	H7 Twin Box	17
211611	5452004603513	H4	12V	60/55W	P43t	H4	17
211611-302	5452004605876	H4	12V	60/55W	P43t	H4 Twin Box	17
211616	5452004603520	H4	12V	60/55W	P45t	H4	17
211651	5452004603490	H1	12V	55W	P14,5s	H1	17
211653	5452004603506	H3	12V	55W	PK22s	H3	17
213011	5452004606255	H11	12V	55W	PGJ19-2	H11	18
213607	5452004603629	H7	12V	55W	PX26d	H7	18
213607-302	5452004605210	H7	12V	55W	PX26d	H7 Twin Box	18
213611	5452004603643	H4	12V	60/55W	P43t	H4	18
213611-302	5452004605906	H4	12V	60/55W	P43t	H4 Twin Box	18
213651	5452004603636	H1	12V	55W	P14,5s	H1	18
213653	5452004606262	H3	12V	55W	PK22s	H3	18
214008	5452004605128	H8	12V	35W	PGJ19-1	H8	19
214009	5452004605135	H9	12V	65W	PGJ19-5	H9	19
214011	5452004603346	H11	12V	55W	PGJ19-2	H11	19
214016	5452004605142	H16	12V	19W	PGJ19-3	H16	19
214607	5452004603278	H7	12V	55W	PX26d	H7	19
214607-302	5452004603285	H7	12V	55W	PX26d	H7	21
214607-311	5452004606415	H7	12V	55W	PX26d	H7 Twin Repl. Kit	21
214611	5452004603315	H4	12V	60/55W	P43t	H4	19
214611-302	5452004603322	H4	12V	60/55W	P43t	H4	21
214611-311	5452004606422	H4	12V	60/55W	P43t	H4 Twin Repl. Kit	21
214651	5452004603292	H1	12V	55W	P14,5s	H1	19
214653	5452004603308	H3	12V	55W	PK22s	H3	19
216008	5452004605302	H8	12V	35W	PGJ19-1	H8	23
216009	5452004605319	H9	12V	65W	PGJ19-5	H9	23
216011	5452004605326	H11	12V	55W	PGJ19-2	H11	23
216013	5452004605975	H13	12V	60/55W	P26,4t	H13	23

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# Product Index

Ref.	EAN Number	ECE	Volt	Watt	Base	Description	Page
216607	5452004603667	H7	12V	55W	PX26d	H7	23
216607-302	5452004605074	H7	12V	55W	PX26d	H7	24
216611	5452004605890	H4	12V	60/55W	P43t	H4	23
216611-302	5452004605081	H4	12V	60/55W	P43t	H4	24
216621	5452004605982	HB4	12V	51(55W)	P22d	HB4 (9006)	24
216623	5452004605999	HB3	12V	60(65W)	P20d	HB3 (9005)	23
216625	5452004606002		12V	65/45W	P29t	HB1 (9004)	23
216651	5452004605289	H1	12V	55W	P14,5s	H1	23
216653	5452004605296	H3	12V	55W	PK22s	H3	23
216927	5452004606019		12V	65/55W	PX29t	HB5 (9007)	24
219008	5452004604121		12V	35W	PGJ19-1	H8	25
219009	5452004604138		12V	65W	PGJ19-5	H9	25
219571	5452004606279	H4	12V	100/80W	P43t	H4	25
219575	5452004604114		12V	100/80W	PX29t	HB5 9007	26
219606	5452004603940		12V	100W	PX26d	H7	25
219607	5452004603933		12V	55W	PX26d	H7	25
219611	5452004604084		12V	60/55W	P43t	H4	25
219638	5452004604053		12V	100W	PK22s	H3	25
219651	5452004604060		12V	55W	P14,5s	H1	25
219653	5452004604077		12V	55W	PK22s	H3	25
219685	5452004604022		12V	100W	P14,5s	H1	25
219686	5452004604039		12V	130W	P14,5s	H1	25
219921	5452004603957		12V	51(55W)	P22d	HB4 9006	26
219923	5452004603964		12V	60W	P20d	HB3 9005	26
219925	5452004603971		12V	65/45W	P29t	HB1 9004	26
219926	5452004603988		12V	80W	P22d	HB4 9006	26
219927	5452004603995		12V	65/55W	PX29t	HB5 9007	26
219928	5452004604008		12V	100/80W	P29t	HB1 9004	26
219929	5452004604015		12V	100W	P20d	HB3 9005	26
230401	5452004600574		12V	15W	P26s	S3	43
230523	5452004600819	S2	12V	35/35W	BA20d	S2	14
230526	5452004600833		12V	45/40W	BA21d		14
230528	5452004600840		12V	45/40W	BA20d		14
230529	5452004600857	S1	12V	25/25W	BA20d	S1	14
240102	5452004600031		12V	2W	BA7s		31
240107	5452004600086		12V	3W	BA9s		31
240109	5452004600109		12V	2W	BA9s		31
240111	5452004600123	T4W	12V	4W	BA9s	T4W	31
240314	5452004600338	R5W	12V	5W	BA15s	R5W	30
240316	5452004600352	R10W	12V	10W	BA15s	R10W	30
240318	5452004600369		12V	15W	BA15s		30
240324	5452004600390	R5W	12V	5W	BA15d	R5W	30
240326	5452004600406	R10W	12V	10W	BA15d	R10W	30

Ref.	EAN Number	ECE	Volt	Watt	Base	Description	Page
244111	5452004603223	T4W	12V	4W	BA9s		40
244314	5452004603247	R5W	12V	5W	BA15s		40
244316	5452004603254	R10W	12V	10W	BA15s		40
248306	5452004604169	RY10W	12V	10W	BAU15s	Amber	30
250702	5452004602196		12V	1,2W	W2x4,6d		33
250703	5452004602202	W2,3W	12V	2,3W	W2x4,6d	W2,3W	33
250706	5452004602233		12V	2W	W2x4,6d		33
250707	5452004602240		12V	1,5W	W2x4,6d		33
250712	5452004602264	W3W	12V	3W	W2,1x9,5d	W3W	33
250713	5452004602271	W10W	12V	10W	W2,1x9,5d	W10W	33
250714	5452004602288		12V	6W	W2,1x9,5d		33
250717	5452004602295		12V	7,5W	W2,1x9,5d		33
250718	5452004602301	W16W	12V	16W	W2,1x9,5d	W16W	33
250722	5452004602318		12V	2W	W2,1x9,5d		33
250732	5452004602349	W5W	12V	5W	W2,1x9,5d	W5W	33
250781	5452004602363	W21W	12V	21W	W3x16d	W21W	34
250791	5452004602370	W21/5W	12V	21/5W	W3x16q	W21/5W	34
254732	5452004603339	W5W	12V	5W	W2,1x9,5d		40
256732	5452004603926	W5W	12V	5W	W2,1x9,5d	Sky Blue	45
258713	5452004604220	WY10W	12V	10W	W2,1x9,5d	Amber	33
258718	5452004606170	WY16W	12V	16W	W2,1x9,5d	Amber	33
258732	5452004604237	WY5W	12V	5W	W2,1x9,5d	Amber	33
258781	5452004604244	WY21W	12V	21W	WX3x16d	Amber	34
258791	5452004605234		12V	21/5W	WX3x16q	Amber	34
260706	5452004602585		12V	1,2W	W2x4,6d	White	35
260715	5452004602608		12V	1,2W	BX8,4d	Black	35
260716	5452004602615		12V	1,3W	BX8,4d	Dark Green	36
260717	5452004602622		12V	2,0W	BX8,4d	White-Green	36
260718	5452004602639		12V	1,1W	BX8,4d	Orange	35
260719	5452004602646		12V	1,2W	B8,3d	Black	35
260721	5452004602660		12V	2,0W	B8,3d	White	36
260782	5452004602677		12V	1,5W	BX8,4d	Beige	36
260783	5452004602684		12V	0,4W	BX8,5d	Blue/Lilac	35
260784	5452004602691		12V	1,2W	BAX10d/B8,5d	Black	35
260786	5452004602714		12V	2,0W	BAX10d/B8,5d	Green	36
260788	5452004602721		12V	1,5W	BAX10d/B8,5d	Beige	36
260789	5452004602738		12V	1,5W	BX8,5d	Orange	36
260790	5452004602745		12V	1,2W	B8,7d	Grey	35
260792	5452004602752		12V	2,0W	B8,7d	Green	36
260793	5452004602769		12V	1,2W	BX8,5d	Light Blue	35
260794	5452004602776		12V	2,0W	BX8,5d	White-Green	36
260795	5452004602783		12V	1,2W	BG8,5-5,5d	Black	35
260796	5452004602790		12V	1,2W	BG8-5,5d	Black	35

Ref.	EAN Number	ECE	Volt	Watt	Base	Description	Page
260797	5452004602806		12V	1,2W	BG8,5s/40	Black	35
260798	5452004602813		12V	1,0W	BX8,5d	Orange	35
260799	5452004602820		12V	1,2W	B8,4d-12,5	Light Blue	35
270206	5452004601106		12V	10W	SV8,5-8		38
270209	5452004601137		12V	15W	SV8,5-8		38
270212	5452004600154		12V	3W	SV7-8		38
270213	5452004601175		12V	18W	SV8,5-8		38
270214	5452004600178	C5W	12V	5W	SV8,5-8		38
270215	5452004601199	C21W	12V	21W	SV8,5-8		38
270218	5452004600215		12V	5W	SV8,5-8		38
270245	5452004600260		12V	10W	SV8,5-8		38
270261	5452004600284		12V	10W	SV8,5-8		38
270270	5452004600291		12V	5W	SV8,5-8		38
270274	5452004600307		12V	10W	SV8,5-8		38
274214	5452004603230	C5W	12V	5W	SV8,5-8		40
280139	5452004603087	P21/4W	12V	21/4W	BAZ15d	P21/4W	28
280271	5452004600482		12V	18W	BA15s		27
280281	5452004600505	P21W	12V	21W	BA15s	P21W	27
280282	5452004600512		12V	21W	BAU15s		27
280332	5452004602950	P27/7W	12V	27/7W	W2,5x16q	P27/7W	28
280333	5452004600451	P21W	12V	21W	BA15d	P21W	27
280334	5452004600468		12V	21/5W	BA15d		28
280336	5452004602998		12V	10/5W	BAY15d		28
280338	5452004603025	P21/5W	12V	21/5W	BAY15d	P21/5W	28
280371	5452004603001		12V	18/5W	BAY15d		28
280397	5452004601298		12V	27W	BA15s		27
284139	5452004603391	P21/4W	12V	21/4W	BAZ15d		40
284281	5452004603261	P21W	12V	21W	BA15s		40
284338	5452004603384	P21/5W	12V	21/5W	BAY15d		40
287338	5452004603209	P21/5W	12V	21/5W	BAY15d		41
288281	5452004604183	PY21W	12V	21W	BAU15s	Amber	45
288283	5452004604190		12V	21W	BA15s	Amber	27
288332	5452004604268	PY27/7W	12V	27/7W	WX2,5x16q	Amber	28
288339	5452004604275		12V	21/4W	BAZ15d	Amber	28
290337	5452004600413		12V	27W	W2,5x16d	P27W	27
290770	5452004602905		12V	2,0W	REF17	White	36
400513	5452004600741	R2	24V	55/50W	P45t	R2	14
410012	5452004602455	H11	24V	70W	PGJ19-2	H11	11
410196	5452004602172		24V	100/90W	P45t	H4	16
410573	5452004602028		24V	130/90W	P43t	H4	16
410576	5452004602059		24V	100/90W	P43t	H4	16
410605	5452004601489		24V	100W	PX26d	H7	16
410612	5452004601953	H4	24V	75/70W	P43t	H4	11

Ref.	EAN Number	ECE	Volt	Watt	Base	Description	Page
410617	5452004601984		24V	75/70W	P45t	H4	16
410647	5452004601564	H7	24V	70W	PX26d	H7	11
410650	5452004601854		24V	35W	PK22s	H3	16
410652	5452004601892	H1	24V	70W	P14,5s	H1	11
410656	5452004601922	H3	24V	70W	PK22s	H3	11
410680	5452004601663		24V	100W	P14,5s	H1	16
410681	5452004601670		24V	130W	P14,5s	H1	16
410682	5452004601687		24V	100W	PK22s	H3	16
410683	5452004601694		24V	130W	PK22s	H3	16
410694	5452004601809	H21W	24V	21W	BAY9s	H21W	32
410924	5452004601601	R2	24V	55/50W	P45t	HR2	12
414012	5452004603469	H11	24V	70W	PGJ19-2		20
414612	5452004603445	H4	24V	75/70W	P43t		20
414647	5452004603407	H7	24V	70W	PX26d		20
414652	5452004603421	H1	24V	70W	P14,5s		20
414656	5452004603438	H3	24V	70W	PK22s		20
416612	5452004606057	H4	24V	75/70W	P43t		24
416647	5452004606026	H7	24V	70W	PX26d		24
416652	5452004606033	H1	24V	70W	P14,5s		24
416656	5452004606040	H3	24V	70W	PK22s		24
417612	5452004603193	H4	24V	75/70W	P43t	H4	22
417612-302	5452004606293	H4	24V	75/70W	P43t	H4 Twin Box	22
417647	5452004605159	H7	24V	70W	PX26d	H7	22
417647-302	5452004606309	H7	24V	70W	PX26d	H7 Twin Box	22
417652	5452004603155	H1	24V	70W	P14,5s	H1	22
417656	5452004603179	H3	24V	70W	PK22s	H3	22
430527	5452004601410		24V	45/40W	BA20d		14
440102	5452004600895		24V	2W	BA9s		31
440103	5452004600901		24V	3W	BA9s		31
440104	5452004600055		24V	3W	BA7s		31
440122	5452004600918	T4W	24V	4W	BA9s	T4W	31
440344	5452004601212	R5W	24V	5W	BA15s	R5W	30
440345	5452004601229	R10W	24V	10W	BA15s	R10W	30
440348	5452004601243		24V	15W	BA15s		30
447122	5452004603100	T4W	24V	4W	BA9s		41
447344	5452004603117	R5W	24V	5W	BA15s		41
447345	5452004603124	R10W	24V	10W	BA15s		41
450701	5452004602189		24V	1W	W2x4,6d		34
450704	5452004602219		24V	1,2W	W2x4,6d		34
450705	5452004602226		24V	2W	W2x4,6d		34
450724	5452004602325	W3W	24V	3W	W2,1x9,5d	W3W	34
450725	5452004602332		24V	2W	W2,1x9,5d		34
450734	5452004602356	W5W	24V	5W	W2,1x9,5d	W5W	34

Ref.	EAN Number	ECE	Volt	Watt	Base	Description	Page
460714	5452004602592		24V	1,0W	W2x4,6d	White	36
460720	5452004602653		24V	1,2W	B8,3d	Grey	36
460740	5452004602837		24V	1,2W	BX8,5d	Copper Red	37
460749	5452004602844		24V	1,2W	EBS N10	Beige	37
460750	5452004602851		24V	1,2W	EBS R4	Yellow	37
460751	5452004602868		24V	1,2W	EBS R6	Brown	37
460754	5452004602875		24V	1,2W	EBS R10	White	37
460755	5452004602882		24V	1,2W	EBS R12	Blue	37
460760	5452004602899		24V	1,4W	EBS R11	Light Green	37
460785	5452004602707		24V	1,2W	BAX10d/B8,5d	Grey	36
470201	5452004601052		24V	3W	SV7-8		39
470202	5452004601069	C5W	24V	5W	SV8,5-8		39
470207	5452004601113		24V	10W	SV8,5-8		39
470210	5452004601144		24V	15W	SV8,5-8		39
470211	5452004601151		24V	10W	SV8,5-8		39
470214	5452004601182		24V	18W	SV8,5-8		39
470216	5452004601205		24V	10W	SV8,5-8		39
480140	5452004603094	P21/4W	24V	21/4W	BAZ15d	P21/4W	29
480150	5452004601304		24V	18W	BA15s		27
480151	5452004601311	P21W	24V	21W	BA15d		27
480281	5452004601342	P21W	24V	21W	BA15s	P21W	27
480339	5452004603032	P21/5W	24V	21/5W	BAY15d		29
480352	5452004602974		24V	18/5W	BAY15d		29
480386	5452004603070		24V	21/5W	BAY15d	G18.5	29
480394	5452004601267	R5W	24V	5W	BA15d	R5W	30
480396	5452004601274	R10W	24V	10W	BA15d	R10W	30
487281	5452004603131	P21W	24V	21W	BA15s	-	41
487339	5452004603216	P21/5W	24V	21/5W	BAY15d	-	41
488281	5452004604206	PY21W	24V	21W	BAU15s	Amber	27
488288	5452004604213	PY21W	24V	21W	BAU15s	Amber	41
488339	5452004604282		24V	21/4W	BAZ15d	Amber	29
490771	5452004602912		24V	2,4W	REF9	White	37
490772	5452004602929		24V	1,2W	REF17	White	37
490773	5452004602936		24V	1,4W	REF29	White	37
840347	5452004601236		28V	7W	BA15s		30
880397	5452004601281		28V	7W	BA15d		30
910660	5452004601939		48V	60W	PK22s	H3	16
920000	5452004606316	D3S		35W	PK32d-5	D3S	9
920002	5452004602387	D2S		35W	P32d-2	D2S	9
920003	5452004606323	D3R		35W	PK32d-6	D3R	9
920004	5452004602394	D2R		35W	P32d-3	D2R	9
920005	5452004602400	D1S		35W	PK32d-2	D1S	9
920006	5452004602417	D1R		35W	PK32d-3	D1R	9

Ref.	EAN Number	ECE	Volt	Watt	Base	Description	Page
920007	5452004606330	D4S		35W	P32d-5	D4S	9
920008	5452004606347	D4R		35W	P32d-6	D4R	9

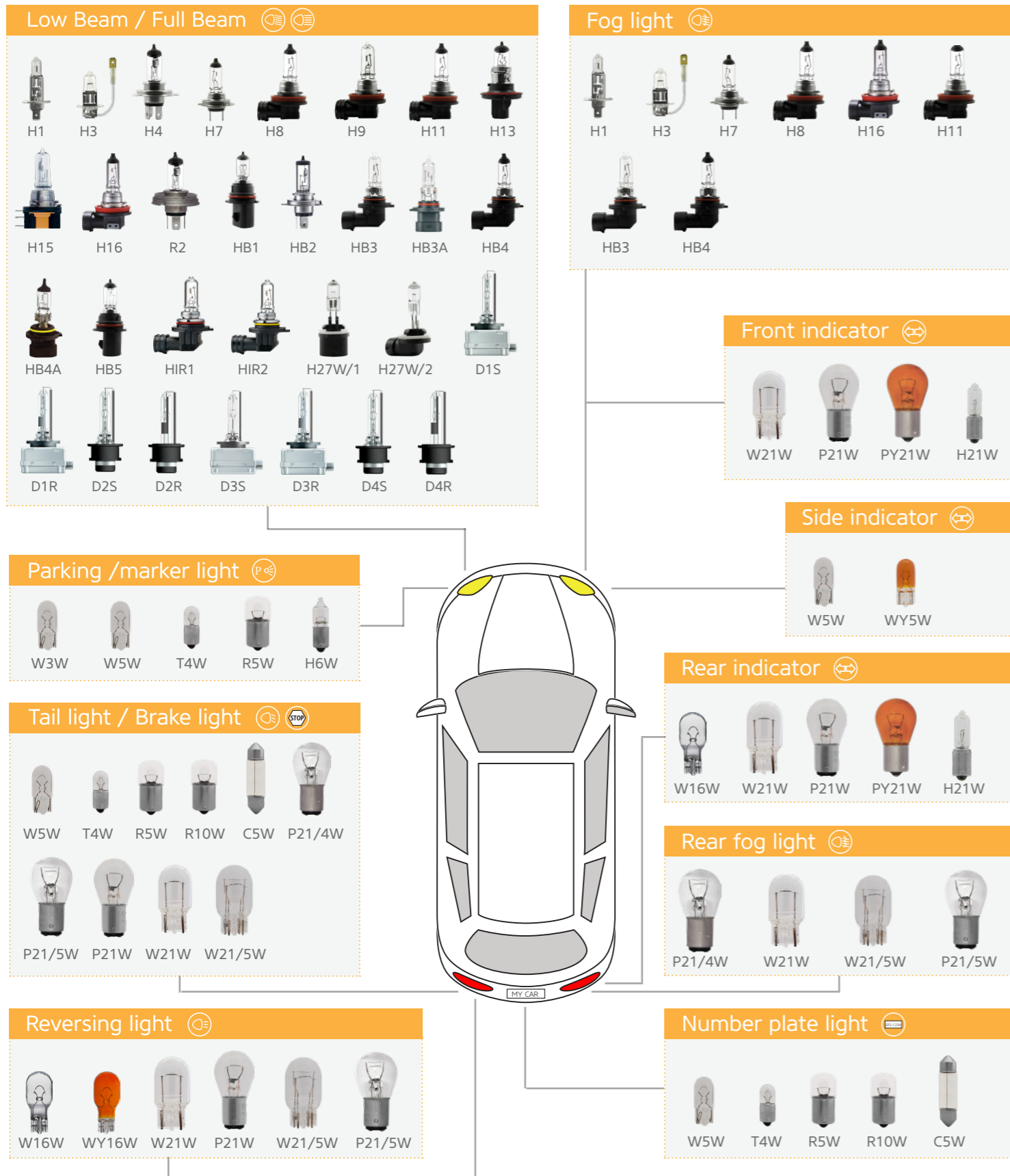
LED, LED  / Ultimate 

Ref.	EAN Number	Volt	milli Ampere	Base	Description	Colour	Page
249024	5452004605333	12V	20mA	BA9s	T10 - 1 LED	white	47
249034	5452004605340	12V	40mA	BA15s	G18 - 6 LED	white	47
259048	5452004606095	12V	20mA	W2,1x9,5d	SMD	white	47
259707-202	5452004605814	12V	45mA	W2,1x9,5d	T10 - 3 LED Double Blister	white	47
259708-202	5452004605821	12V	30mA	W2,1x9,5d	T10 - 3D Double Blister	white	48
259807-102	5452004605869	12V	100mA	W2,1x9,5d	T10 - Ultimate 3D	white	48
269084	5452004606064	12V	60mA	W2,1x9,5d	T15 - 9 LED	white	47
269094	5452004606071	12V	60mA	W3x1,6d	T20 - 9 LED	white	47
279801-102	5452004605920	12V	100mA	SV8,5	11x31 - Ultimate 3D	white	48
279802-102	5452004605944	12V	100mA	SV8,5	11x44 - Ultimate 3D	white	48
279803-202	5452004606163	12V	210mA	SV8,5	11x44 - Canbus Double Blister	white	48
279806-102	5452004605937	12V	100mA	SV8,5	11x38 - Ultimate 3D Double Blister	white	48
279808-202	5452004605838	12V	210mA	SV8,5	11x38 - Canbus Double Blister	white	48
289014	5452004605357	12V	120mA	BA15s	S25 - 19 LED	white	47
289024	5452004605364	12V	120/30mA	BAY15d	S25 - 19 LED	white	47
449028	5452004606101	24V	20mA	BA9s	T10 - 1 LED	white	47
459079	5452004605388	24V	20mA	W2,1x9,5d	T10 - 1 LED	white	47
459709-202	5452004604299	24V	30mA	W2,1x9,5d	T10 - 3D	cool white	48
479809-202	5452004604305	24V	110mA	SV8,5-8	11x38 Canbus	white	48
459808-102	5452004604312	24V	40mA	W2,1x9,5d	T10 - Ultimate 3D	white	48

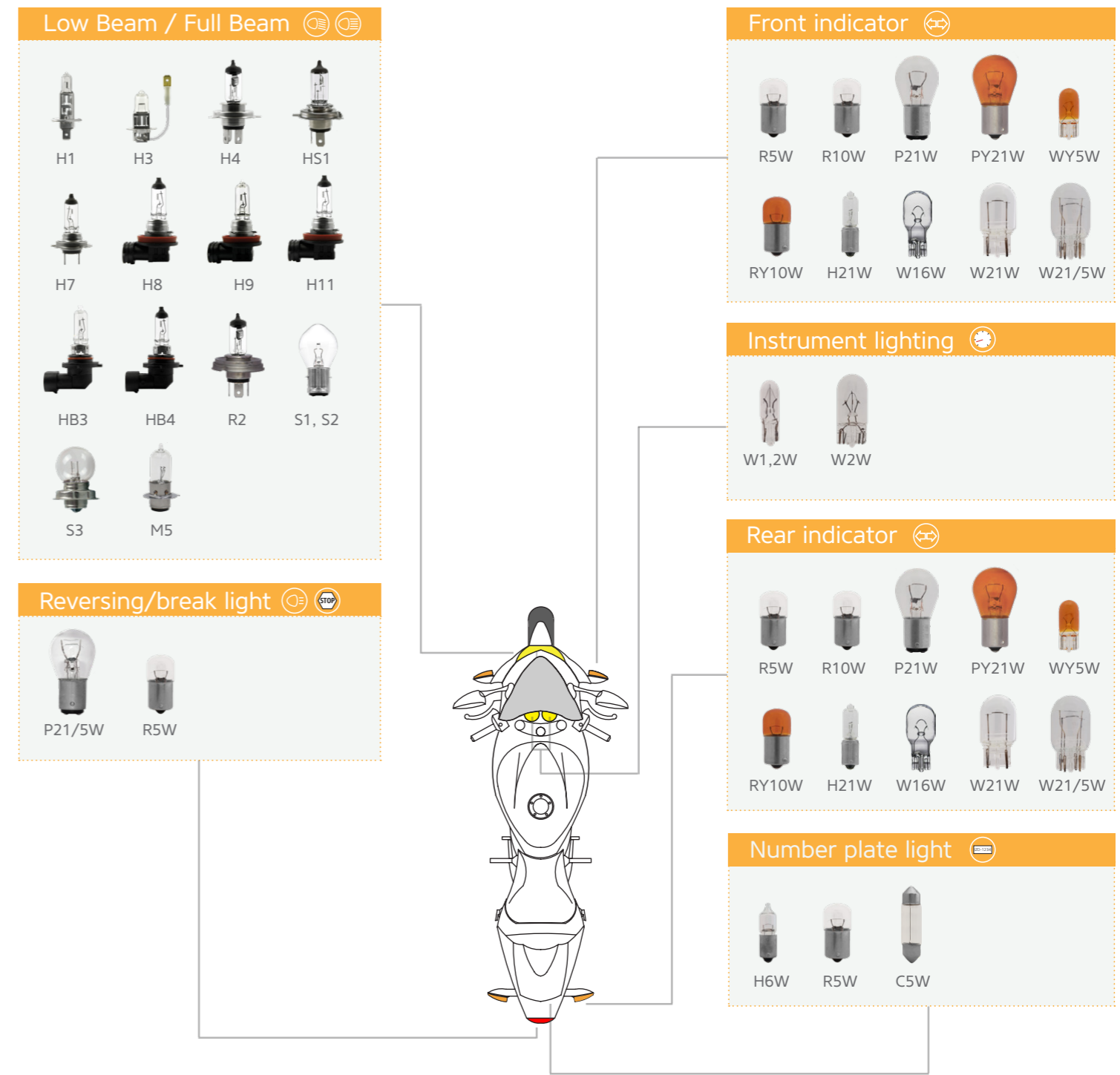
Headlight LED Kits

Ref.	EAN Number	Description	Page
199001	5452004606750	H1 Led Kit	48
199003	5452004606774	H3 Led Kit	48
199004	5452004606439	H4 Led Kit	48
199007	5452004606446	H7 Led Kit	48
199011	5452004606767	H11 Led Kit	48
199921	5452004606798	HB4 Led Kit	48
199923	5452004606781	HB3 Led Kit	48

# Lamp Classification



# Lamp Classification

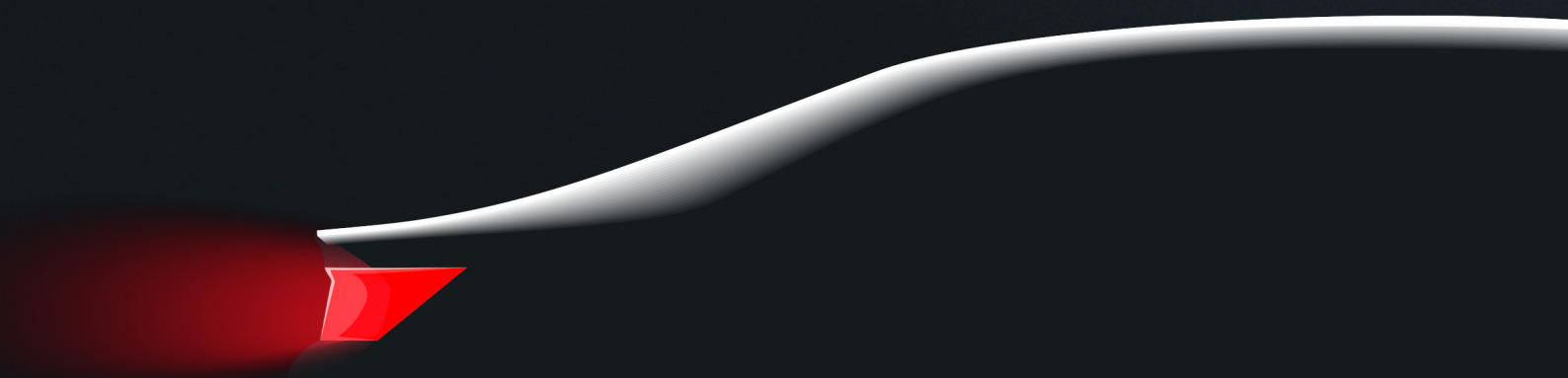






# Norma<sup>TM</sup> Lamp

Your Automotive Lighting Partner



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