



PHILIPS

Automotive lighting

Safety you can **see**

Catalog 2018-19
Australia & New Zealand

A background image showing a man and a woman smiling and looking at each other in a social setting. The man is in the foreground, wearing a plaid shirt, and the woman is slightly behind him, wearing a striped shirt. They are both smiling warmly.

Safety you can see!

Our advanced light engine technology has been on the **forefront** of automotive lighting for more than 100 years. As a **leading supplier** of bulbs and lighting products to the automotive industry and aftermarket, we combine technical **innovations** with a genuine concern for **safety** and driving **comfort**. Our automotive lighting is today **the choice** of many

consumers and major automobile manufacturers. Our **mission** is to introduce **innovative products** that constantly improve **road safety** and increase **workshop productivity**. Our products are designed to perform **efficiently** and **durably** for continuous **customer satisfaction**.

High-quality lighting really does make a **difference**. That's **safety** you can **see**!

High manufacturing standards



Original Equipment Quality

We are committed to producing **best-in-class products** and services in the Original Equipment Manufacturer (OEM) market and automotive aftermarket. Our products are manufactured from **high-quality materials** and tested to the highest specifications to maximise **safety** and driving **comfort** of our customers.

- We are the **choice** of major car manufacturers
- Our lighting equips **one in two cars** in Europe and one in three in the world
- Manufacturing processes that **exceed** current industry **specifications**

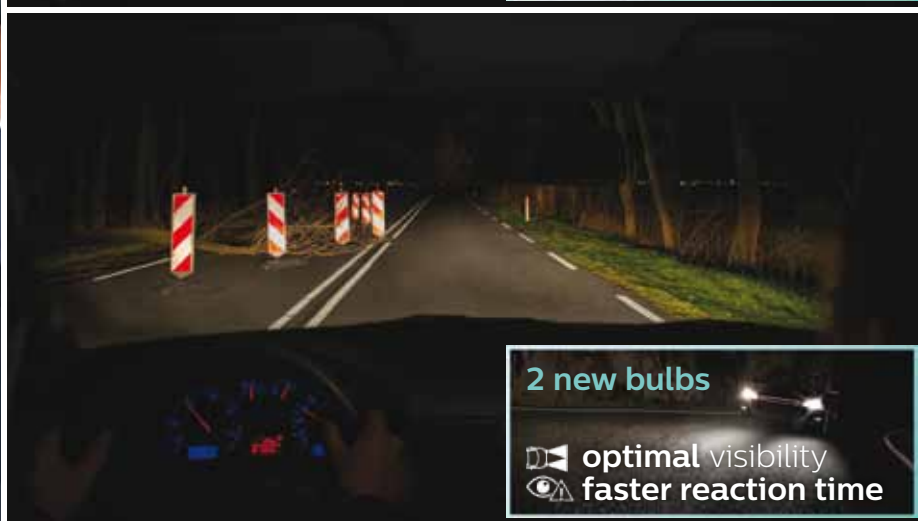
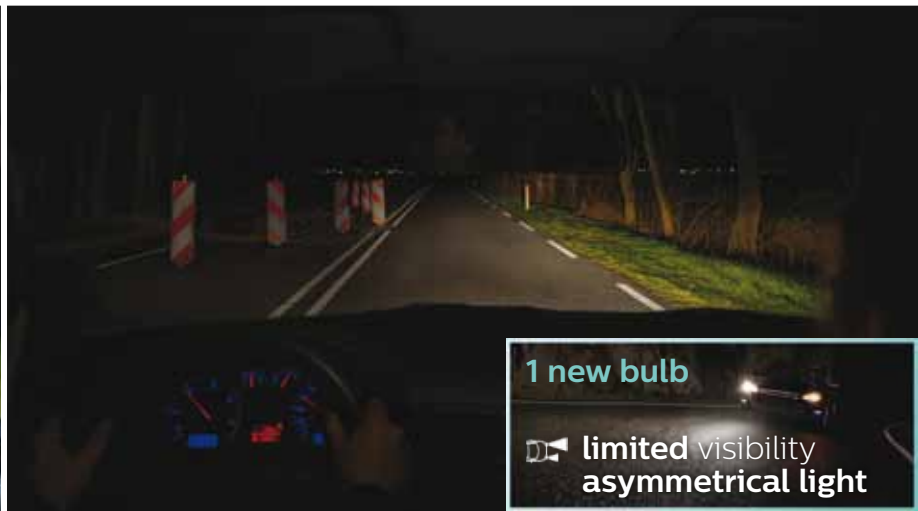


Philips anti-UV-quartz glass for optimal lighting performance

All our halogen and xenon head light bulbs are made with high-quality anti-UV quartz glass

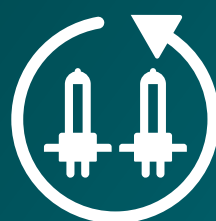
- **More powerful light**
Quartz glass high resistance allows for increased pressure inside the bulb and thus generates more powerful light.
- **Better resistance**
Philips quartz glass bulbs (filament at 2 650°C and glass at 800°C) are capable of withstanding severe thermal shocks.
- **Optimal protection against ultraviolet rays**
All Philips quartz-glass bulbs are coated with a special anti-UV coating that protects your modern plastic optics from harmful UV rays.





Change headlight bulbs in pairs

Efficiency for you,
safety for your customers



Research shows that light has an incredibly important role to play in road safety. It is also the only 'active' safety feature on a vehicle that helps to prevent accidents. Changing headlight bulbs in pairs: a small, fast and easy act with a turnover impact that can have a big effect on your customers.

innovation  you



Safety you can see
www.philips.com/changeinpairs

PHILIPS

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Halogen





Our halogen 12V car lighting is used by major car manufacturers

12V

car
lighting

We are the world's **leading** automotive lighting manufacturer. Renowned for our technological **innovations**, we use **high-quality** materials and offer **best-in-class** products. Our 12V car lighting range is a family of lighting products designed for the **needs** and **lifestyles** of **all consumers**.

www.philips.com/automotive

Which **car** bulb do you **need**?

Quality & Reliability

Original Quality



Standard



Beam performance



LIGHT COLOUR**
WARM 3200K COOL

AVG. LIFETIME***
GOOD BETTER BEST

Available in H1, H2, H3, H4, H7, H8, H9, H10, H11, H13, H15, H16, H27W1, H27W2, HB3A, HB4A, HIR1 & HIR2

Experience more light

30% more vision*



PremiumVision



Beam performance



LIGHT COLOUR**
WARM 3250K COOL

AVG. LIFETIME***
GOOD BETTER BEST

Available in H1, H3, H4, H7, H11, HB1, HB3, HB4 & HB5

60% more vision*



PowerVision



Beam performance



LIGHT COLOUR**
WARM 3250K COOL

AVG. LIFETIME***
GOOD BETTER BEST

Available in H1, H3, H4, H7, H11

100% more vision*



X-tremeVision



Beam performance



LIGHT COLOUR**
WARM 3350K COOL

AVG. LIFETIME***
GOOD BETTER BEST

Available in H1, H4, H7, H11, HB3, HB4

130% brighter light*



X-tremeVision plus



Beam performance



LIGHT COLOUR**
WARM 3700K COOL

AVG. LIFETIME***
GOOD BETTER BEST

Available in H1, H4, H7

Images for illustration purposes only

* Compared to the ECE minimum legal standard

** All kelvin figures quoted are up to and including the figure. Kelvin numbers may vary depending on bulb type

*** Lifetime varies & differs per type and per vehicle.

www.philips.com/automotive



Light that lasts

Lifetime up to
1500 hours***



LongLife EcoVision

Standard



LongLife EcoVision

Beam performance



LIGHT COLOUR**



AVG. LIFETIME***



Available in
H1, H3, H4, H7, H11

Enjoy your passion

Intense white
xenon effect



WhiteVision

Standard



WhiteVision

Beam performance



LIGHT COLOUR**



AVG. LIFETIME***



Available in H1, H3, H4,
H7, H8, H9, H11, HB3, HB4

Bright white
4300K
light



CrystalVision

Standard



CrystalVision

Beam performance



LIGHT COLOUR**



AVG. LIFETIME***



Available in H1, H3, H4,
H7, H8, H11, HB3, HB4

Ultimate white
5000K
light



DiamondVision

Standard



DiamondVision

Beam performance



LIGHT COLOUR**



AVG. LIFETIME***



Available in H1, H3, H4,
H7, H8, H11, HB3, HB4

Quality & Reliable Standard

Original Quality

- Economical choice
- Comprehensive signalling range available
- Trusted OE quality
- UV-blocking quartz glass

* Compared to the ECE legal minimum standard



Standard

Available in C1 & B1



Type	Part No.
H1	12258
H2	12311
H3	12336
H4	12342
H7	12972
H8	12360
H9	12361
H10	9145
H11	12362
H13	9008
H27W/1	12059
H27W/2	12060
HB3A	9005XSB1
HB4A	9006XSB1

Type	Part No.
H15	12580
H16	12366
HIR1	9011
HIR2	9012

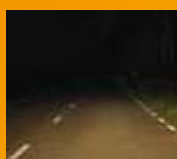
More light PremiumVision

Up to 30% more vision*

- Competitive price-performance ratio
- High-quality and ultra-resistant car bulb
- ECE approved and road legal

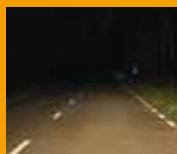
Producing **30% more vision** compared to a standard bulb, PremiumVision headlight bulbs ensure excellent light-beam performance at a very **competitive price**.

* Compared to the ECE legal minimum standard



Standard

Available in C1 and B1 packaging



PremiumVision



Type	Part No.
H1	12258PRB1
H1	12258PR
H3	12336PR
H3	12336PRB1
H4	12342PR
H4	12342PRB1
H7	12972PRB1
H7	12972PR

Type	Part No.
H11	12362PRB1
HB1	9004PR
HB1	9004PRB1
HB3	9005PR
HB3	9005PRB1
HB4	9006PR
HB4	9006PRB1
HB5	9007PRB1

Safety

PowerVision

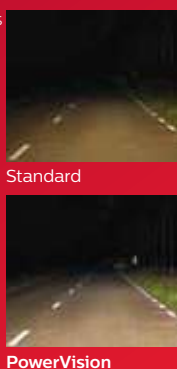
Up to 60% more vision*

- **60% more light for complete control***
- **Longer lasting than other high performance halogen bulbs****
- **ECE approved and road legal**
- **Trusted OE quality**
- **UV-blocking quartz glass**

* Compared to the minimum legal standard

** Compared to Philips high-performance halogen products

Available in S2 and B1 packaging



Standard

PowerVision



Type	Part No.
H1	12258PWVS2
H1	12258PWVB1
H3	12336PWVS2
H3	12336PWVB1
H4	12342PWVS2
H4	12342PWVB1

Type	Part No.
H7	12972PWVS2
H7	12972PWVB1
H11	12362PWVS2
H11	12362PWVS2

More light

X-tremeVision

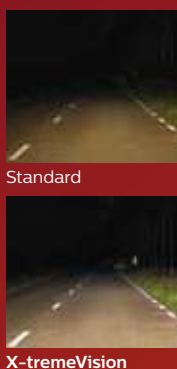
Up to 100% more vision*

- **High amount of light, high performance**
- **Increased brightness**
- **Best-in-class lifetime**
- **ECE approved and road legal**
- **UV-blocking quartz glass**

Philips X-tremeVision car bulbs are among the brightest you can buy. They outshine most other car bulbs with up to **100% more vision** and a superior beam length. So you see **further, react faster** and **drive safer**.

* Compared to the ECE legal minimum standard

Available in SM and B1 packaging



Standard

X-tremeVision



Type	Part No.
H1	12258XVB1
H1/W5W	12258XVSM
H4	12342XVB1
H4/W5W	12342XVSM
H7	12972XVB1
H7/W5W	12972XVSM

Type	Part No.
H11	12362XVB1
H11/W5W	12362XVSM
HB3	9005XVB1
HB3/W5W	9005XVSM
HB4	9006XVB1
HB4/W5W	9006XVSM

12V car lighting

Halogen

More light X-tremeVision plus

Up to 130% more vision*

- High amount of light, high performance
- Increased brightness
- UV Blocking Quartz glass
- ECE approved and road legal

Philips X-tremeVision plus car bulbs are among the brightest you can buy. They outshine most other car bulbs with up to **130% more brightness** and a superior beam length. So you see **further, react faster** and **drive safer**.

* Compared to the ECE legal minimum standard

Available in S2



Standard



X-tremeVision plus

Take performance to the X-treme



Type	Part No.
H1	12258XVPS2
H4	12342XVPS2
H7	12972XVPS2

Light that lasts LongLife EcoVision

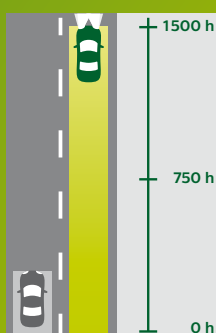
Longer Lifetime*,
less replacement

- Lasts significantly longer*
- High-quality and ultra-resistant car bulb
- UV Blocking Quartz glass

Tired of **changing** your headlight bulbs all the time? With **longer lifetime** than standard car bulbs, Philips LongLife EcoVision is the choice for drivers seeking to **minimise maintenance** on their vehicles.

* Compared to the ECE legal minimum standard

Available in C1, CP and B1 packaging



Type	Part No.
H1	12258LLECOB1
H1	12258LLECO
H3	12336LLECO
H4	12342LLECOB1
H4	12342LLECO
H7	12972LLECOB1
H7	12972LLECO
H11	12362LLECOB1
H11	12362LLECO

Type	Part No.
Fest T10, 5x30	12860LLECO
P21/5W	12499LLECO
P21W	12498LLECO
PY21W	12496LLECO
R5W	12821LLECO
W5W	12961LLECO

Passion WhiteVision

Maximum legal white light

- UV-blocking quartz glass
- Up to 3700K white light for greater contrast
- Up to 60% more vision to maximise clarity
- 2 x free W5W with each SM pack
- ECE approved and road legal

Philips WhiteVision bulbs add an intense white look to your car headlights for a **premium driving experience** at night. The increased brightness and whiter light, makes WhiteVision the perfect combination of **style** and **safety**.

Available in SM & B2 pack



Standard



WhiteVision



Type	Part No.
H1/W5W	12258WHVSM
H3/W5W	12336WHVSM
H4/W5W	12342WHVSM
H7/W5W	12972WHVSM
H8/W5W	12360WHVSM
H9/W5W	12361WHVSM
H11/W5W	12362WHVSM
HB3/W5W	9005WHVSM
HB4/W5W	9006WHVSM

Type	Part No.
H6W	12036WHVB2
W5W	12961WHVB2

Passion CrystalVision

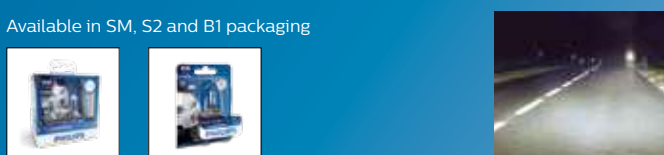
4300K bright white light

- Bright white (4,300K) light to stand out
- For off road use only, not approved for ADR, ECE or DOT.
- Easy installation, plug and play
- UV-blocking quartz glass
- 2 x free W5W included in all SM packs*

H8 is supplied in S2 pack only



Standard



CrystalVision

Available in SM, S2 and B1 packaging



Type	Part No.
H1	12258CVB1
H1/W5W	12258CVSM
H3/W5W	12336CVSM
H4	12342CVB1
H4/W5W	12342CVSM
H7	12972CVB1
H7/W5W	12972CVSM
H8	12360CVS2

Type	Part No.
H11	12362CVB1
H11/W5W	12362CVSM
HB3/W5W	9005CVSM
HB4/W5W	9006CVSM

12V car lighting

Halogen

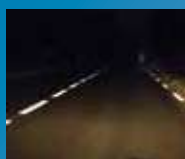
Passion

DiamondVision

5000K ultimate white light

- **Ultimate white (5000K) light to stand out**
- **For off road use only, not approved for ADR, ECE or DOT.**
- **Easy installation, plug and play**
- **UV-blocking quartz glass**

Available in S2 packaging



Standard



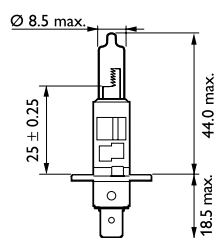
DiamondVision



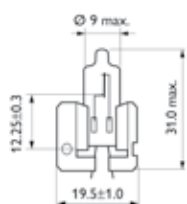
Type	Part No.
H1	12258DVS2
H3	12336DVS2
H4	12342DVS2
H7	12972DVS2
H8	12360DVS2
H11	12362DVS2
HB3	9005DVS2
HB4	9006DVS2



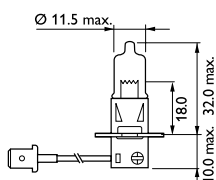
12V Halogen Range Index



H1							
Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
X-tremeVision Plus +130%	12258XVPS2	12V	55W	P14.5s	3700K	Twin	2
X-tremeVision +100%	12258XVSM	12V	55W	P14.5s	3350K	Twin	2
	12258XVB1	12V	55W	P14.5s	3350K	Blister	1
PowerVision +60%	12258PWVS2	12V	55W	P14.5s	3250K	Twin	2
	12258PWVB1	12V	55W	P14.5s	3250K	Blister	1
PremiumVision +30%	12258PR	12V	55W	P14.5s	3250K	Box	1
	12258PRB1	12V	55W	P14.5s	3250K	Blister	1
Rally	12454	12V	100W	P14.5s	3200K	Box	1
	12454B1	12V	100W	P14.5s	3200K	Blister	1
WhiteVision 3700K	12258WHVSM	12V	55W	P14.5s	3700K	Twin	2
CrystalVision 4300K	12258CVSM	12V	55W	P14.5s	4300K	Twin	2
	12258CVB1	12V	55W	P14.5s	4300K	Blister	1
DiamondVision 5000K	12258DVS2	12V	55W	P14.5s	5000K	Twin	2
LongLife EcoVision	12258LLECO	12V	55W	P14.5s	3100K	Box	1
	12258LLECOB1	12V	55W	P14.5s	3100K	Blister	1
Standard	12258	12V	55W	P14.5s	3200K	Box	1

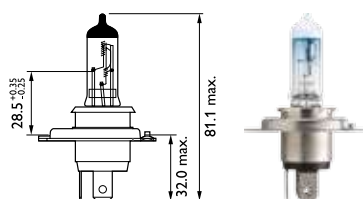


H2							
	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
Standard	12311	12V	55W	X511	3200K	Box	1



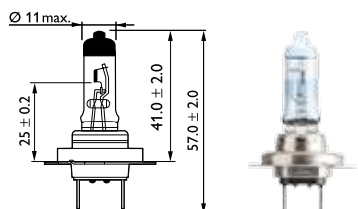
H3							
	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
PowerVision +60%	12336PWVS2	12V	55W	PK22s	3250K	Twin	2
	12336PWVB1	12V	55W	PK22s	3250K	Blister	1
PremiumVision +30%	12336PR	12V	55W	PK22s	3250K	Box	1
	12336PRB1	12V	55W	PK22s	3250K	Blister	1
Rally	12455	12V	100W	PK22s	3200K	Box	1
	12455B1	12V	100W	PK22s	3200K	Blister	1
WhiteVision 3700K	12336WHVSM	12V	55W	PK22s	3700K	Twin	2
CrystalVision 4300K	12336CVSM	12V	55W	PK22s	4300K	Twin	2
DiamondVision 5000K	12336DVS2	12V	55W	PK22s	5000K	Twin	2
LongLife EcoVision	12336LLECO	12V	55W	PK22s	3100K	Box	1
Standard	12336	12V	55W	PK22s	3200K	Box	1

12V Halogen Range Index



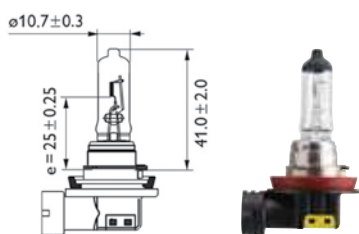
H4

Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
X-tremeVision Plus +130%	12342XVPS2	12V	60/55W	P43t-38	3700K	Twin	2
X-tremeVision +100%	12342XVSM	12V	60/55W	P43t-38	3350K	Twin	2
	12342XVB1	12V	60/55W	P43t-38	3350K	Blister	1
PowerVision +60%	12342PWVS2	12V	60/55W	P43t-38	3250K	Twin	2
	12342PWVB1	12V	60/55W	P43t-38	3250K	Blister	1
PremiumVision +30%	12342PR	12V	60/55W	P43t-38	3250K	Box	1
	12342PRB1	12V	60/55W	P43t-38	3250K	Blister	1
	12342PRTTP	12V	60/55W	P43t-38	3250K	Box	40
Rally	12568	12V	100/90W	P45t-41	3200K	Box	1
	12369	12V	130/90W	P45t-41	3200K	Blister	1
	12459	12V	130/90W	P43t-38	3200K	Box	1
	12459B1	12V	130/90W	P43t-38	3200K	Blister	1
	12569	12V	100/90W	P43t-38	3200K	Box	1
	12569B1	12V	100/90W	P43t-38	3200K	Blister	1
WhiteVision 3700K	12342WHVSM	12V	60/55W	P43t-38	3700K	Twin	2
CrystalVision 4300K	12342CVSM	12V	60/55W	P43t-38	4300K	Twin	2
	12342CVB1	12V	60/55W	P43t-38	4300K	Blister	1
DiamondVision 5000K	12342DVS2	12V	60/55W	P43t-38	5000K	Twin	2
LongLife EcoVision	12342LLECO	12V	60/55W	P43t-38	3100K	Box	1
	12342LLECOB1	12V	60/55W	P43t-38	3100K	Blister	1
Standard	12342	12V	60/55W	P43t-38	3200K	Box	1



H7

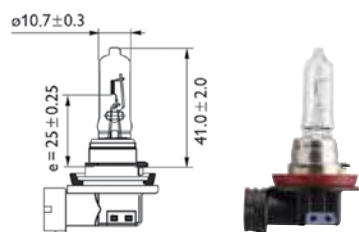
Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	Qty
X-tremeVision Plus +130%	12972XVPS2	12V	55W	PX26d	3700K	Twin	2
X-tremeVision +100%	12972XVSM	12V	55W	PX26d	3350K	Twin	2
	12972XVB1	12V	55W	PX26d	3350K	Blister	1
PowerVision +60%	12972PWVS2	12V	55W	PX26d	3250K	Twin	2
	12972PWVB1	12V	55W	PX26d	3250K	Blister	1
PremiumVision +30%	12972PR	12V	55W	PX26d	3250K	Box	1
	12972PRB1	12V	55W	PX26d	3250K	Blister	1
Rally	12035	12V	80W	PK26d	3200K	Box	1
WhiteVision 3700K	12972WHVSM	12V	55W	PX26d	3700K	Twin	2
CrystalVision 4300K	12972CVSM	12V	55W	PX26d	4300K	Twin	2
	12972CVB1	12V	55W	PX26d	4300K	Blister	1
DiamondVision 5000K	12972DVS2	12V	55W	PX26d	5000K	Twin	2
LongLife EcoVision	12972LLECO	12V	55W	PX26d	3100K	Box	1
	12972LLECOB1	12V	55W	PX26d	3100K	Blister	1
Standard	12972	12V	55W	PX26d	3200K	Box	1
	12972TP	12V	55W	PX26d	3200K	Box	45



H8

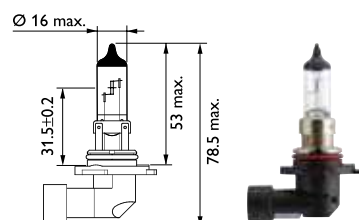
	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
WhiteVision 3700K	12360WHVSM	12V	35W	PGJ19-1	3700K	Twin	2
CrystalVision 4300K	12360CVS2	12V	35W	PGJ19-1	4300K	Twin	2
DiamondVision 5000K	12360DVS2	12V	35W	PGJ19-1	5000K	Twin	2
Standard	12360	12V	35W	PGJ19-1	3200K	Box	1

12V Halogen Range Index



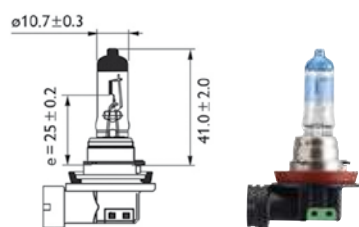
H9

	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
WhiteVision 3700K	12361WHVSM	12V	65W	PGJ19-5	3700K	Twin	2
Standard	12361	12V	65W	PGJ19-5	3200K	Box	1



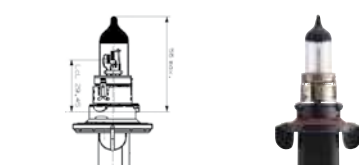
H10

	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
Standard	9145	12V	45W	PY20d	3200K	Box	1



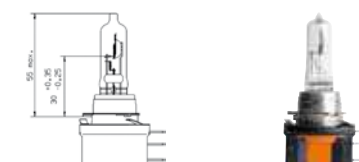
H11

Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
X-tremeVision +100%	12362XVSM	12V	55W	PGJ19-2	3350K	Twin	2
	12362XVB1	12V	55W	PGJ19-2	3350K	Blister	1
PowerVision +60%	12362PWVS2	12V	55W	PGJ19-2	3250K	Twin	2
	12362PWVB1	12V	55W	PGJ19-2	3250K	Blister	1
PremiumVision +30%	12362PRB1	12V	55W	PGJ19-2	3250K	Blister	1
WhiteVision 3700K	12362WHVSM	12V	55W	PGJ19-2	3700K	Twin	2
CrystalVision 4300K	12362CVSM	12V	55W	PGJ19-2	4300K	Twin	2
	12362CVB1	12V	55W	PGJ19-2	4300K	Blister	1
DiamondVision 5000K	12362DVS2	12V	55W	PGJ19-2	5000K	Twin	2
LongLife EcoVision	12362LLECO	12V	55W	PGJ19-2	3100K	Box	1
	12362LLECOB1	12V	55W	PGJ19-2	3100K	Blister	1
Standard	12362	12V	55W	PGJ19-2	3200K	Box	1



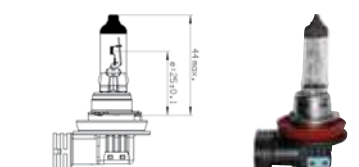
H13

	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
Standard	9008	12V	60/55W	P26.4T	3200K	Box	1



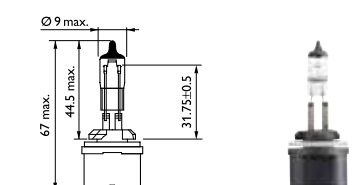
H15

	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
Standard	12580	12V	55/15W	PGJ23T-1	3200K	Box	1



H16

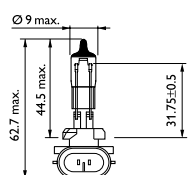
	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
Standard	12366	12V	19W	PGJ19-3	3200K	Box	1



H27W/1

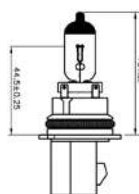
	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
Standard	12059	12V	27W	PG13	3200K	Box	1

12V Halogen Range Index



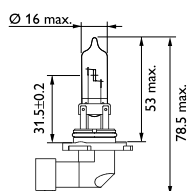
H27W/2

	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
Standard	12060	12V	27W	PGJ13	3200K	Box	1



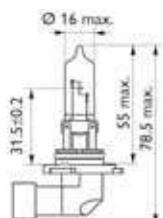
HB1

Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
PremiumVision +30%	9004PR	12V	65/45W	P29t	3250K	Box	1
	9004PRB1	12V	65/45W	P29t	3250K	Blister	1
Rally	9004	12V	100/80W	P29t	3200K	Box	1



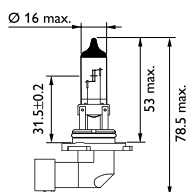
HB3

Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
X-tremeVision +100%	9005XVSM	12V	65W	P20d	3350K	Twin	2
	9005XVB1	12V	65W	P20d	3350K	Blister	1
PremiumVision +30%	9005PR	12V	65W	P20d	3250K	Box	1
	9005PRB1	12V	65W	P20d	3250K	Blister	1
WhiteVision 3700K	9005WHVSM	12V	65W	P20d	3700K	Twin	2
CrystalVision 4300K	9005CVSM	12V	65W	P20d	4300K	Twin	2
DiamondVision 5000K	9005DVS2	12V	65W	P20d	5000K	Twin	2



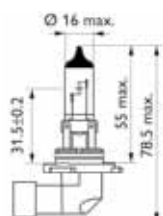
HB3A

	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
Rally	12359	12V	100W	P20d	3200K	Box	1
	12359B1	12V	100W	P20d	3200K	Blister	1
Standard	9005XSB1	12.8V	65W	P20d	3200K	Blister	1



HB4

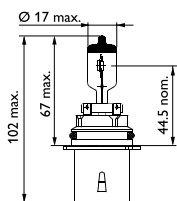
Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
X-tremeVision +100%	9006XVSM	12V	55W	P22d	3350K	Twin	2
	9006XVB1	12V	55W	P22d	3350K	Blister	1
PremiumVision +30%	9006PR	12V	55W	P22d	3250K	Box	1
	9006PRB1	12V	55W	P22d	3250K	Blister	1
Rally	12358	12V	70W	P22d	3200K	Box	1
	12358B1	12V	70W	P22d	3200K	Blister	1
WhiteVision 3700K	9006WHVSM	12V	55W	P22d	3700K	Twin	2
CrystalVision 4300K	9006CVSM	12V	55W	P22d	4300K	Twin	2
DiamondVision 5000K	9006DVS2	12V	55W	P22d	5000K	Twin	2



HB4A

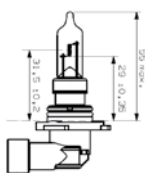
	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
Standard	9006XSB1	12.8V	55W	P22d	3200K	Blister	1

12V Halogen Range Index



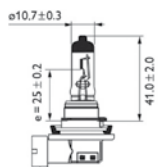
HB5

Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
PremiumVision +30%	9007PRB1	12V	65/55W	PX29t	3350K	Blister	1



HIR1

Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	Qty
Standard	9011	12V	65W	PX20d	3200K	Box	1



HIR2

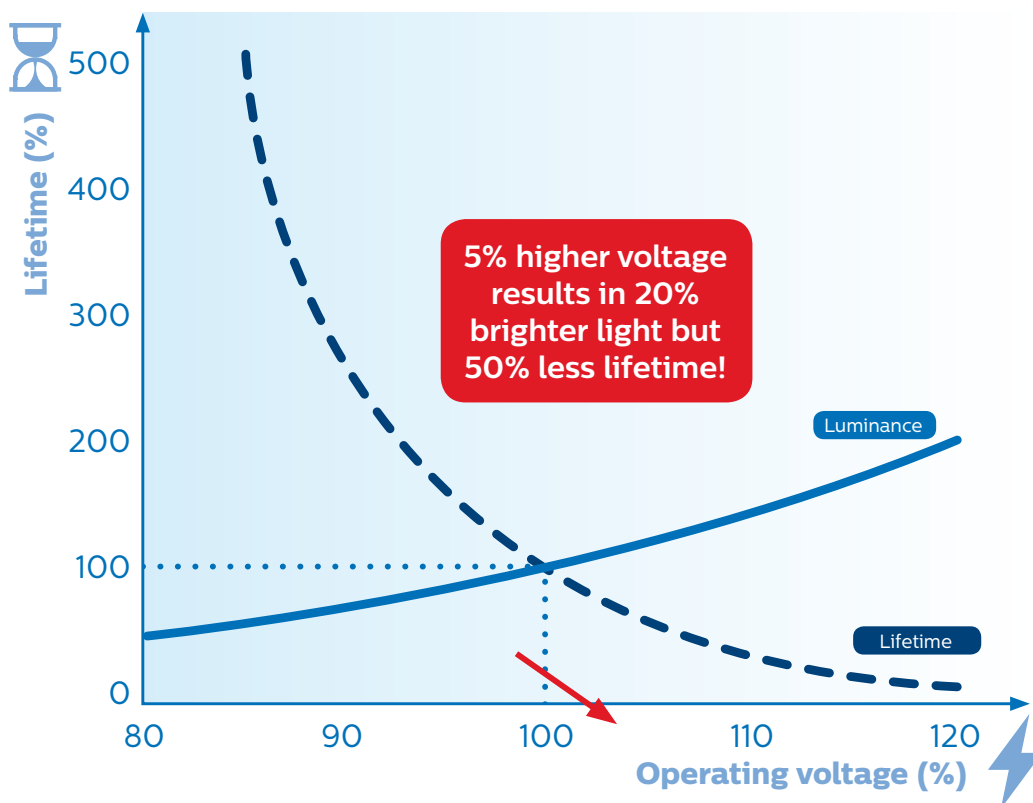
Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	Qty
Standard	9012	12V	55W	PX22d	3200K	Box	1

Did you know?

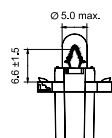
Overvoltage/Voltage Spikes are the biggest enemy of a Halogen bulb?

What else affects a bulb's lifetime?

- The typical lifetime of a high quality H4 bulb (OEM) is at around 700 hrs and 550 hours for H7. For 12V halogen bulbs, the lifetime is measured at a specified test voltage of 13.2V.
- No matter if its a standard or a high performance bulb, the lifetime of all filament bulbs is strongly dependent on the operating voltage in the car
- Even at just 5% over-voltage (13.86V), the lifespan of a lightbulb will be cut in half. So the biggest enemy in terms of a bulbs lifespan is overvoltage or voltage spikes.
- And its very important to remember that the voltage to the light bulb can vary significantly between automotive brands, models & even individual cars

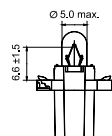


12V Signalling Range Index



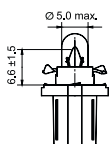
BAX8.3s

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12597	12V	1.2W	BAX8.3s/1.35 Black	Box	10
	12602	12V	2W	BAX8.3s/1.5 Blue	Box	10



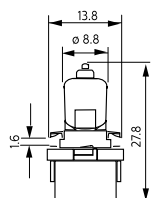
BAX8.4d

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12623	12V	1.2W	BAX8.4d Light Blue	Box	10
	12624	12V	1.1W	BAX8.4d Orange	Box	10
	12625	12V	1.2W	BAX8.4d Black	Box	10
	12626	12V	2W	BAX8.4d Light Green	Box	10
	12627	12V	1.5W	BAX8.4d Beige	Box	10
	12629	12V	1.8W	BAX8.4d Beige	Box	10



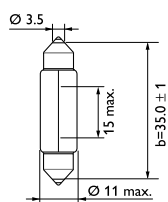
BAX8.5d

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12600	12V	2W	BAX8.5d/2y-Green	Box	10
	12604	12V	2W	BAX8.5d Green	Box	10
	12637	12V	1.5W	BAX8.5d Beige	Box	10
	12638	12V	1.12W	BAX8.5d White	Box	10



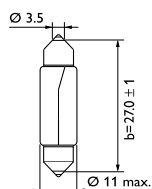
BAX10d Halogen

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12614	12V	3W	BAX10d Brown	Box	10
	12615	12V	5W	BAX10d Black	Box	10



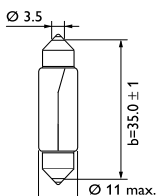
C5W

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12844B2	12V	5W	SV8.5	Blister	2
	12844	12V	5W	SV8.5	Box	10



FEST T10,5x30

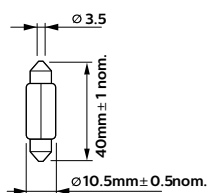
Range	Part No.	Volts	Watts	Base	Pack	Qty
LongLife EcoVision	12860LLECO	12V	10W	SV8.5	Box	10



FEST T10,5x38

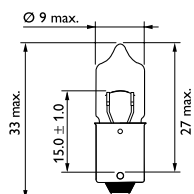
Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12854B2	12V	10W	SV8.5	Blister	2
	12854	12V	10W	SV8.5	Box	10

12V Signalling Range Index



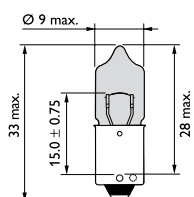
FEST T10,5x43

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12866B2	12V	10W	SV8.5	Blister	2
	12866	12V	10W	SV8.5	Box	10
	12864	12V	5W	SV8.5	Box	10



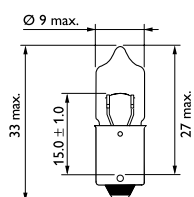
H5W

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12023	12V	5W	BA9s	Box	10



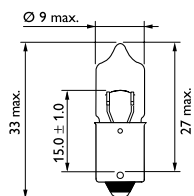
H6W

Range	Part No.	Volts	Watts	Base	Pack	Qty
WhiteVision	12036WHVB2	12V	6W	BAX9s	Blister	2
Standard	12036B2	12V	6W	BAX9s	Blister	2
	12036	12V	6W	BAX9s	Box	10



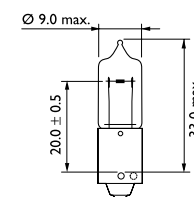
H10W

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12024	12V	10W	BA9s	Box	10



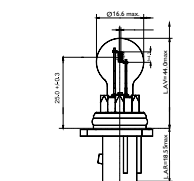
H20W

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12025	12V	20W	BA9s	Box	10



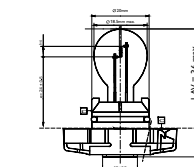
H21W

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12356	12V	21W	BA9s	Box	10



P13W

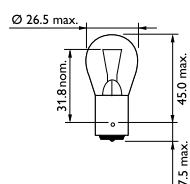
Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12277	12V	13W	PG18.5d-1	Box	1



PS19W

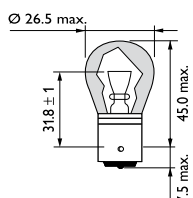
Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12085	12V	19W	PG20/1	Box	1

12V Signalling Range Index



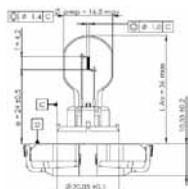
P21W

Range	Part No.	Volts	Watts	Base	Pack	Qty
LongLife EcoVision	12498LLECO	12V	21W	BA15s	Box	10
Standard	12498B2	12V	21W	BA15s	Blister	2
	12498	12V	21W	BA15s	Box	10
	12498TP	12V	21W	BA15s	Box	40



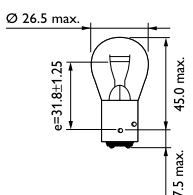
PY21W

Range	Part No.	Volts	Watts	Base	Pack	Qty
SilverVision	12496SVB2	12V	21W	BAU15s	Blister	2
LongLife EcoVision	12496LLECO	12V	21W	BAU15s	Box	10
Standard	12496B2	12V	21W	BAU15s	Blister	2
	12496	12V	21W	BAU15s	Box	10



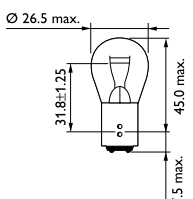
PY24W

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12190	12V	24W	PGU20/4	Box	1



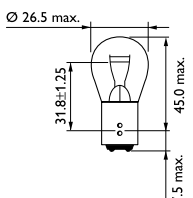
P21/4W

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12594B2	12V	21/4W	BAZ15d	Blister	2
	12594	12V	21/4W	BAZ15d	Box	10



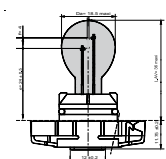
P21/5W

Range	Part No.	Volts	Watts	Base	Pack	Qty
LongLife EcoVision	12499LLECO	12V	21/5W	BAY15d	Box	10
Standard	12499B2	12V	21/5W	BAY15d	Blister	2
	12499	12V	21/5W	BAY15d	Box	10
	12499TP	12V	21/5W	BAY15d	Box	40



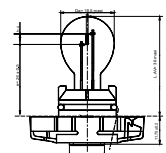
PR21/5W

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12495	12V	21/5W	BAW15d	Box	10



PSY24W

Range	Part No.	Volts	Watts	Base	Pack	Qty
SilverVision	12180SV	12V	24W	PG20/4	Box	1
Standard	12188NA	12V	24W	PG20/4	Box	1



PSX24W

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12276	12V	24W	PG20/7	Box	1

12V car lighting



Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12278	12V	26W	PG18.5d-3	Box	1



Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12182	12V	24W	WP3.3x14.5/3	Box	1



Range	Part No.	Volts	Watts	Base	Pack	Qty
SilverVision	12174SV	12V	24W	WP3.3x14.5/4	Box	1
Standard	12174NA	12V	24W	WP3.3x14.5/4	Box	1



Range	Part No.	Volts	Watts	Base	Pack	Qty
LongLife EcoVision	12821LLECO	12V	5W	BA15s	Box	10
Standard	12821B2	12V	5W	BA15s	Blister	2
	12821	12V	5W	BA15s	Box	10
	12822	12V	5W	BA15d	Box	10



Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12814B2	12V	10W	BA15s	Blister	2
	12814	12V	10W	BA15s	Box	10



Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12093	12V	10W	BAU15S	Box	10

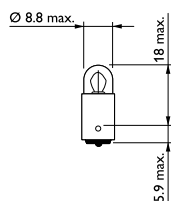


Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12728	12V	35/35W	BA20d	Box	1



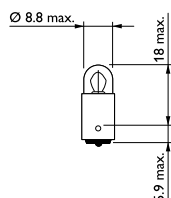
Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	1156	12V	27W	BA15s	Box	10
	1157	12V	27/8.3W	BAY15d	Box	10
	3157	12V	27/8.3W	W2.5x16q	Box	10
	3157NA	12V	27/8.3W	W2.5x16q	Box	10

12V Signalling Range Index



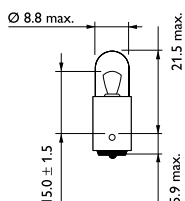
T2W

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12913	12V	2W	BA9s	Box	10



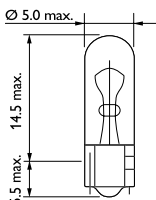
T3W

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12910	12V	3W	BA9s	Box	10



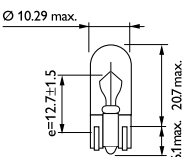
T4W

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12929B2	12V	4W	BA9s	Blister	2
	12929	12V	4W	BA9s	Box	10



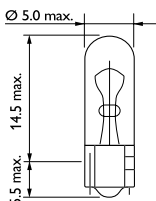
W1.2W

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12516B2	12V	1.2W	W2x4.6d	Blister	2
	12516	12V	1.2W	W2x4.6d	Box	10



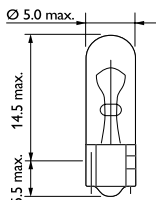
W2.2W

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12960	12V	2.2W	W2.1x9.5d	Box	10



W2.3W

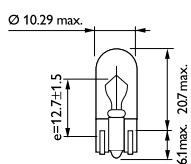
Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12061	12V	2.3W	W2x4.6d	Box	10



W2W

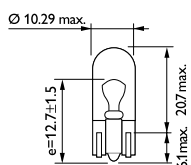
Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12505	12V	2W	W2x4.6d	Box	10

12V Signalling Range Index



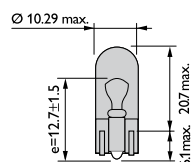
W3W

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12256B2	12V	3W	W2.1x9.5d	Blister	2
	12256	12V	3W	W2.1x9.5d	Box	10



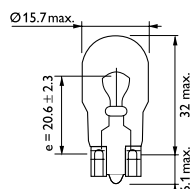
W5W

Range	Part No.	Volts	Watts	Base	Pack	Qty
WhiteVision	12961WHVB2	12V	5W	W2.1x9.5d	Blister	2
LongLife EcoVision	12961LLECO	12V	5W	W2.1x9.5d	Box	10
Standard	12961B2	12V	5W	W2.1x9.5d	Blister	2
	12961	12V	5W	W2.1x9.5d	Box	10
	12961TP	12V	5W	W2.1x9.5d	Box	40



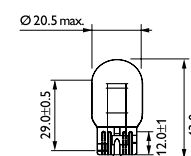
WY5W

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12396B2	12V	5W	W2.1x9.5d	Blister	2
	12396	12V	5W	W2.1x9.5d	Box	10



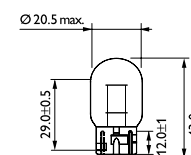
W16W

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12067B2	12V	16W	W2.1x9.5d	Blister	2
	12067	12V	16W	W2.1x9.5d	Box	10



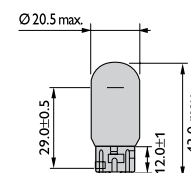
W21/5W

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12066B2	12V	21/5W	W3x16d	Blister	2
	12066	12V	21/5W	W3x16d	Box	10



W21W

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12065B2	12V	21W	W3x16d	Blister	2
	12065	12V	21W	W3x16d	Box	10



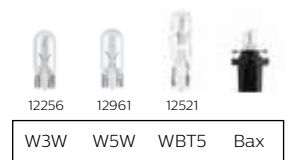
WY21W

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	12071B2	12V	21W	W3x16d	Blister	2
	12071	12V	21W	W3x16d	Box	10

Which **bulb** for which **function**



Low beam - high beam - Daytime Running Lights



Front indicators



Dashboard lights

Interior lights



Side indicators



Front parking lights

Front fog lights





3rd stop light

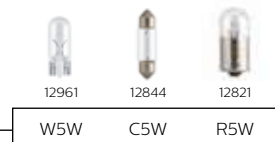


Boot lights

Rear indicators



Reversing light



Glove compartment lights



Rear parking lights



License plate lights



Rear fog lights



Stop lights

*Combines stop and rear parking light function

12V car lighting

Halogen

Halogen



Our halogen 12V motorcycle lighting is used by major motorcycle manufacturers

Motorcycle lighting

Our motorcycle lighting solutions are engineered to provide a powerful, bright light for **maximum safety**. For a motorcyclist, **being seen** is equally important as **seeing**. We have designed a full range of lighting solutions to provide the **safety** your customer needs as well as the **styling** they have been looking for.

www.philips.com/automotive

Which **motorcycle** bulb do you **need**?



Philips motorcycle lighting is designed to resist **extreme vibration** – up to **10G**.

Experience more light

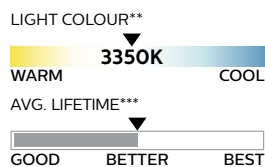
Up to **30%** more vision*



Vision Moto



Beam performance

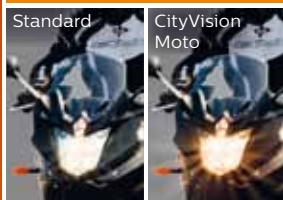


Available in
H4, H7, HS1

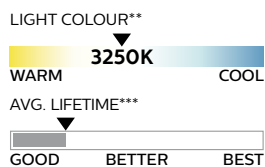
Up to **40%** more vision*



CityVision Moto



Beam performance



Available in
H4, H7, HS1

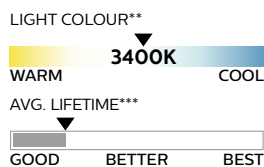
Up to **130%** more vision*



X-tremeVision Moto



Beam performance



Available in
H4, H7

Enjoy your passion

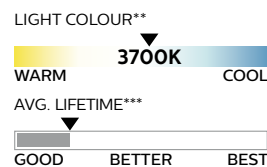
Bright White
Light



CrystalVision Ultra



Beam performance



Available in
H4, H7

Images for illustration purposes only

* Compared to the minimum legal standard

** All kelvin figures quoted are up to and including the figure. Kelvin numbers may vary depending on bulb type

*** Lifetime varies & differs per type and per vehicle.

More light

Vision Moto

Up to 30% more vision*

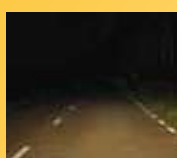
- **Better performance***
- **High-quality and ultra-resistant motorcycle bulb**
- **ECE approved and road legal**
- **UV-Blocking quartz glass**



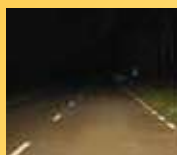
Producing **up to 30% more vision** than a standard bulb, Vision Moto allows riders to see further with improved light-beam performance at a very **competitive price**.

For greater safety, choose Vision Moto!

*Compared to the legal minimum standard



Standard



Vision Moto



Type	Part No.
H4	12342PRBW
H7	12972PRBW
HS1	12626BW

Images for illustration purposes only

More light

CityVision moto

See and be seen

- **Distinctive orange effect**
- **Specifically designed for city use**
- **Up to 40% more vision***
- **ECE approved and road legal**
- **UV-Blocking quartz glass**



For maximum safety and visibility, CityVision Moto produces a distinctive, attention-grabbing **orange effect**. Motorcycle riders everywhere are looking for more safety, especially riders in heavy city traffic. We have specifically engineered the CityVision Moto for **maximum visibility** as well as **maximum safety**.

*Compared to the ECE legal minimum standard



Standard



CityVision Moto



Type	Part No.
H4	12342CTVBW
H7	12972CTVBW
HS1	12636CTVBW

Images for illustration purposes only

More light

X-tremeVision Moto

Up to 130% more vision*

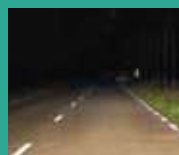
- ECE approved and road legal
- UV-Blocking quartz glass
- Specifically designed for motorcycle use.
- Significantly longer beam*
- Up to 10G vibration resistance

Philips X-tremeVision Moto offers up to **130% more vision*** for riders who need to see farther for **ultimate performance** and **safety**.

*Compared to the legal minimum standard



Standard



X-tremeVision Moto



Type	Part No.
H4	12342XVPBW
H7	12972XVPBW

Images for illustration purposes only

Passion

CrystalVision Ultra

Bright white light

- Stylish blue effect in the headlight
- Up to 3700K bright white light on the road
- Up to 10G vibration resistance
- ECE approved and road legal
- UV-Blocking quartz glass

For riders seeking ultimate style, discover Philips CrystalVision Ultra with its **bright white light**.

This is the stylish bulb your customers have been waiting for!



Standard



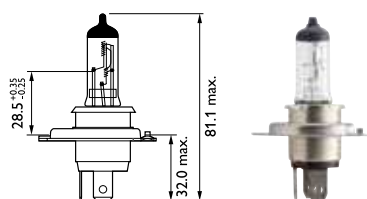
CrystalVision Ultra



Type	Part No.
H4	12342CVUBW
H7	12972CVUBW

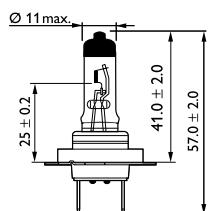
Images for illustration purposes only

12V Halogen Motorcycle Range Index



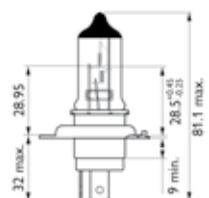
H4

Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
Vision Moto +30%	12342PRBW	12V	60/55W	P43t-38	3350K	Blister	1
CityVision Moto +40%	12342CTVBW	12V	60/55W	P43t-38	3250K	Blister	1
X-tremeVision Moto +130%	12342XVPBW	12V	60/55W	P43t-38	3400K	Blister	1
CrystalVision Ultra 3700K	12342CVUBW	12V	60/55W	P43t-38	3700K	Blister	1



H7

Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
Vision Moto +30%	12972PRBW	12V	55W	PX26d	3350K	Blister	1
CityVision Moto +40%	12972CTVBW	12V	55W	PX26d	3250K	Blister	1
X-tremeVision Moto +130%	12972XVPBW	12V	55W	PX26d	3400K	Blister	1
CrystalVision Ultra 3700K	12972CVUBW	12V	55W	PX26d	3700K	Blister	1



HS1

Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
Vision Moto +30%	12636BW	12V	35/35W	PX43t	3350K	Blister	1
CityVision Moto +40%	12636CTVBW	12V	35/35W	PX43t	3250K	Blister	1
Standard	12636	12V	35/35W	PX43t	3350K	Box	1



Which **bulb** for which **function**



Vision Moto



CityVision Moto



X-tremeVision Moto



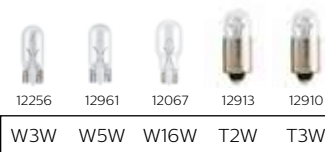
CrystalVision Ultra



Low beam - high beam



Front indicators



Front position light



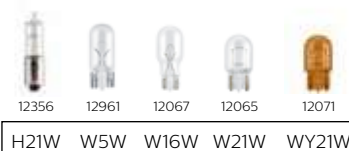
Rear position light



Licence plate light



Stop light



Rear indicators

Motorcycle lighting

Halogen

Halogen



Our halogen 24V bus and truck lighting is used by major truck manufacturers



24V Truck lighting

For maximum **safety**, **comfort** and **value**, discover our 24V MasterDuty and MasterLife, now offering **ultimate lifetime** and improved **vibration resistance**. These original equipment quality lighting solutions offer **maximum performance** and minimum downtime.

www.philips.com/automotive

Which **24V** Halogen bulb do you **need**?



Safety and durability

Built to **last**



Standard



LIGHT COLOUR**

WARM 3200K COOL

AVG. LIFETIME***

GOOD BETTER BEST

Available in
H1, H3, H4, H7

Best-in-class
lifetime



MasterLife



LIGHT COLOUR**

WARM 3200K COOL

AVG. LIFETIME***

GOOD BETTER BEST

Available in
H1, H3, H4, H7, H11

Safety and style

Maximum
xenon
effect



MasterDuty
BlueVision



LIGHT COLOUR**

WARM 3500K COOL

AVG. LIFETIME***

GOOD BETTER BEST

Available in
H4, H7

Images for illustration purposes only

** All kelvin figures quoted are up to and including the figure. Kelvin numbers may vary depending on bulb type

*** Lifetime varies & differs per type and per vehicle.

Durability

MasterLife Best-in-class lifetime

- Lasts up to **1 200 hours***
- **Maximum vibration resistance***
- **Extra robust double-coil filament**
- **Signalling options also available.**
- **UV-blocking quartz glass**

Philips MasterLife lasts up to **1 200 hours*** while withstanding extreme **stress** and **vibration**. With a **minimum failure rate** our bulbs keep your fleet productive and on the move by minimising time-consuming interruptions. **MasterLife is the smartest choice for large fleet owners!**

*Lifetime differs per vehicle per bulb, indication is for H7 only.



Type	Part No.
H1	13258ML
H3	13336ML
H4	13342ML
H7	13972ML
H11	24362ML
PY21W	13496ML
R5W	13821ML
T4W	13929ML

Durability

24V Standard

Built to last

- **Longer life for greater reliability**
- **Vibration resistant**
- **Trusted OE quality**
- **UV-blocking quartz glass**
- **Comprehensive signalling range available**



Type	Part No.
C5W	13844
Fest T10,5x38	13854
Fest T10,5x43 10W	13866
Fest T10,5x43 5W	13864
Fest T6,2x27	13818
H1	13258B1
H1	13258
H3	13336
H4	13342B1
H4 - P45t-41	13555
H4 - 43t-38	13342
H7	13972
H7	13972B1
P21/5W	13499
P21W	13498

Type	Part No.
R10W	13814
R5W-BA15d	13822
RSW - BA15s	13821
T2W	13913
T3W	13910
T4W	13929
W1.2W	13516
W3W	13256
BAX	24029
BAX8.3S	13597
BAX10d	13598
H21W	24356
R2	13620
W2.5W	13960
W5W	13961

Images for illustration purposes only

24V EssentialPower

Original quality

- High wattage for better vision
- Vibration resistant
- UV-blocking quartz glass
- For off road use only, not approved for ADR, ECE or DOT.



Type	Part No.
H3	13628
H4	24568
H4fit	24569

24V Style MasterDuty BlueVision

Maximum xenon effect

- Maximum vibration resistance
- UV-blocking quartz glass
- ECE Approved and road legal
- Up to 3700K colour temperature*

*All kelvin figures quoted are up to and including the figure. Kelvin numbers may vary depending on bulb type

For drivers seeking **ultimate style** and **performance**, MasterDuty BlueVision produces a **blue xenon effect**. Philips MasterDuty BlueVision combines **durability** and **vibration resistance** with an additional blue xenon effect for maximum style.



Standard



MasterDuty BlueVision



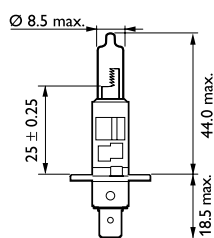
Type	Part No.
H4	13342MDBVB1
H7	13972MDBVB1
H7	13972MDBVS2

24V truck lighting

Halogen

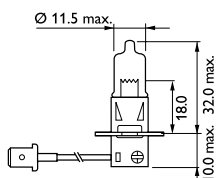
Images for illustration purposes only

24V Halogen Range Index



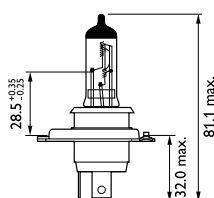
H1

Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
Standard	13258B1	24V	70W	P14.5s	3200K	Blister	1
	13258	24V	70W	P14.5s	3200K	Box	1
MasterLife	13258ML	24V	70W	P14.5s	3200K	Box	1



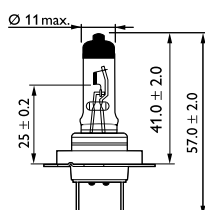
H3

Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
Standard	13336	24V	70W	PK22s	3200K	Box	1
MasterLife	13336ML	24V	70W	PK22s	3200K	Box	1
Essential Power	13628	24V	100W	PK22s	3000K	Box	1



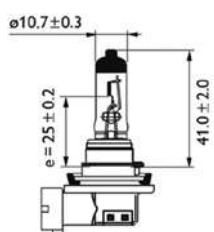
H4

Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
Standard	13342	24V	75/70W	P43t-38	3200K	Box	1
	13342B1	24V	75/70W	P43t-38	3200K	Blister	1
	13342TP	24V	75/70W	P43t-38	3200K	Box	1
	13555	24V	75/70W	P45t-41	3200K	Box	1
	13555TP	24V	75/70W	P45t-41	3200K	Box	40
MasterLife	13342ML	24V	75/70W	P43t-38	3200K	Box	1
Essential Power	24568	24V	100/90W	P45t-41	3000K	Box	1
	24569	24V	100/90W	P43t-38	3000K	Box	1
MasterDuty BlueVision	13342MDBVB1	24V	75/70W	P43t-38	3500K	Blister	1



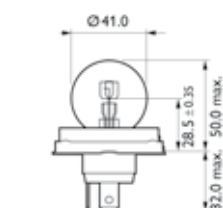
H7

Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	Qty
Standard	13972	24V	70W	PX26d	3200K	Box	1
	13972B1	24V	70W	PX26d	3200K	Blister	1
MasterLife	13972ML	24V	70W	PX26d	3200K	Box	1
MasterDuty BlueVision	13972MDBVS2	24V	70W	PX26d	3500K	Twin	2
	13972MDBVB1	24V	70W	PX26d	3500K	Blister	1



H11

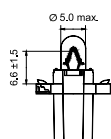
Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
MasterLife	24362ML	24V	70W	PGJ19-2	3200K	Box	1



R2

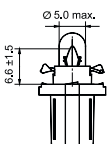
Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	Qty
Standard	13620	24V	55/50W	P45t-41	3200K	Box	1

24V Signalling Range Index



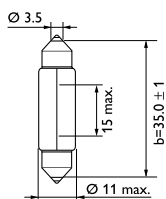
BAX8.3s

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	13597	24V	1.2W	BAX8.3s/1.35 Grey	Box	10



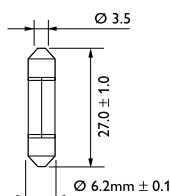
BAX8.5d

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	24029	24V	1.2W	BAX8.5d/2 Yellow	Box	10
	13598	24V	1.2W	BAX8.5d/2 Grey	Box	10



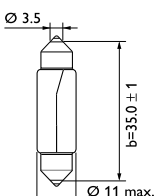
C5W

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	13844	24V	5W	SV8.5	Box	10



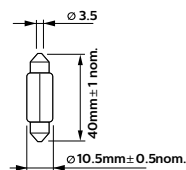
FEST T6,2x27

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	13818	24V	3W	SV6	Box	10



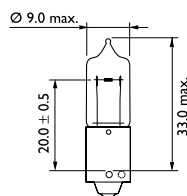
FEST T10,5x38

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	13854	24V	10W	SV8.5	Box	10



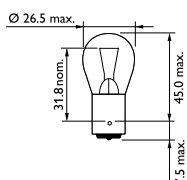
FEST T10,5x43

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	13866	24V	10W	SV8.5	Box	10
	13864	24V	5W	SV8.5	Box	10



H21W

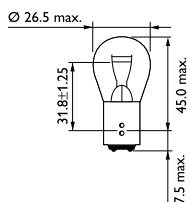
Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	24356	24V	21W	BAY9s	Box	10



P21W

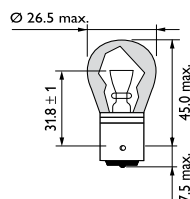
Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	13498	24V	21W	BA15s	Box	10
	13498TP	24V	21W	BA15s	Box	40

24V Signalling Range Index



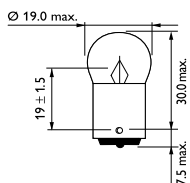
P21/5W

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	13499	24V	21/5W	BA15d	Box	10
	13499TP	24V	21/5W	BA15d	Box	40



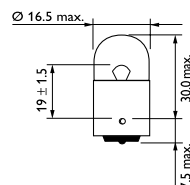
PY21W

Range	Part No.	Volts	Watts	Base	Pack	Qty
MasterLife	13496ML	24V	21W	BAU15s	Box	10



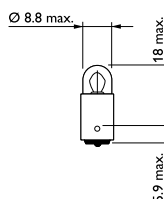
R5W

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	13822	24V	5W	BA15d	Box	10
	13821	24V	5W	BA15s	Box	10
MasterLife	13821ML	24V	5W	BA15s	Box	10



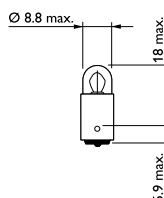
R10W

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	13814	24V	10W	BA15s	Box	10



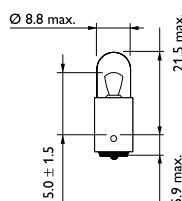
T2W

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	13913	24V	2W	BA9s	Box	10



T3W

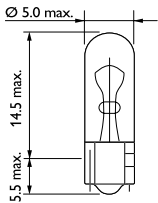
Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	13910	24V	3W	BA9s	Box	10



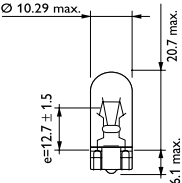
T4W

Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	13929	24V	4W	BA9s	Box	10
MasterLife	13929ML	24V	4W	BA9s	Box	10

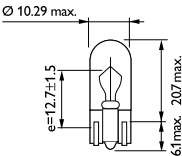
24V Signalling Range Index



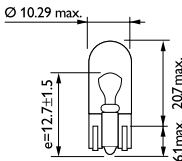
W1.2W						
Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	13516	24V	1.2W	W2x4.6d	Box	10



W2.5W						
Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	13960	24V	2.5W	W2.1x9.5d	Box	10



W3W						
Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	13256	24V	3W	W2.1x9.5d	Box	10



W5W						
Range	Part No.	Volts	Watts	Base	Pack	Qty
Standard	13961	24V	5W	W2.1x9.5d	Box	10



24V truck lighting

Signalling

Which **bulb** for which **function**



MasterLife



24V Standard



24V EssentialPower



MasterDuty BlueVision



13258 13336 13342 13972 24362 13620

H1 H3 H4 H7 H11 R2 D1S/R D2S D2R



13258 13336 13342 13972 24362

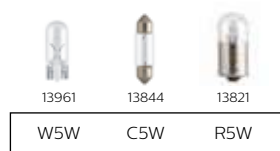
H1 H3 H4 H7 H11



Low beam - high beam



Front fog lights



13961 13844 13821

W5W C5W R5W



Interior lights

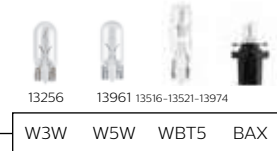


13498 13496 24356

P21W PY21W H21W



Front indicators



13256 13961 13516-13521-13974

W3W W5W WBT5 BAX



Dashboard lights



13256 13961 13821 13929

W3W W5W R5W T4W



Front parking lights



13821 13814 13594 13499

R5W R10W P21/4W P21/5W



Rear parking lights



13821 13814 13844 13961

R5W R10W C5W W5W



License plate lights



13256 13961 13844 13821 13814 13929

W3W W5W C5W R5W R10W T4W



Running lights



13961 13821 13814 24356

W5W R5W R10W H21W



Side indicators



13498 13496 24356

P21W PY21W H21W



Rear indicators



13498 24356

P21W H21W



Reversing light



13498 13499 24356

P21W P21/5W H21W



Stop lights



13498 24356 13445 13401

P21W H21W P25 P22



Rear fog lights



Xenon





Our xenon car lighting is the choice of major car manufacturers

Xenon

solutions for
cars and trucks

Discover our full range of xenon lighting solutions. The number one choice in xenon lighting, now with our **3 year warranty!**

www.philips.com/automotive



Which **xenon** bulb do you **need**?



Experience
more light

**Original
quality**



**3
years
warranty**

Standard



Beam performance



LIGHT COLOUR**



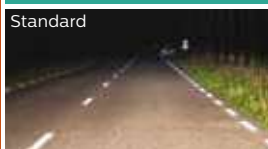
Available in
D1S, D2S, D2R, D3S,
D4S, D4R, D5S

Up to **150%
more vision***



**3
years
warranty**

**Xenon
X-tremeVision gen2**



Beam performance*



LIGHT COLOUR**



Available in
D1S, D2S, D2R, D3S, D4S

Enjoy
your passion

**Homogeneous
white**
LED effect



**3
years
warranty**

**Xenon
WhiteVision gen2**



Beam performance*



LIGHT COLOUR**



Available in
D1S, D2S, D2R, D3S

Images for illustration purposes only

* Compared to the minimum legal standard (except for D2R that provides up to 20% more vision).

** All kelvin figures quoted are up to and including the figure. Kelvin numbers may vary depending on bulb type

Experience more light

Xenon Standard

Ideal for replacement

- **Single-bulb replacement technology:** new bulb matches colour temperature of the unchanged one
- **Economical choice**
- **Homologated 4300K**
- **UV-blocking quartz glass**
- **3 year warranty**

Philips Xenon Standard allows you to replace a single bulb while **matching** the **colour** of the unchanged one.

The Xenon innovative replacement technology is the ideal economical solution for a **single-bulb replacement**.

Available in C1 packaging



3
years
warranty

Available in



D1S



D2S



D2R



D3S



D4S



D4R



D5S



D1 Ballast



Standard



Xenon Standard

Type	Part No.
D1 Ballast	85988X2
D1S	85415P
D2R	85126P
D2S	85122P
D3S	42403
D4R	42406
D4S	42402
D5S	12410

Images for illustration purposes only

Experience more light

Xenon X-tremeVision gen2

- Up to 150% more vision*
- UV-blocking quartz glass
- 3 year warranty
- Maximum safety and visibility
- ECE approved and road legal

X-tremeVision gen2 is the latest development in **Xenon technology**. It offers the **most powerful** beam with light emission pushed to the limit. This means outstanding light performance with a unique light setting for **optimal driving comfort**.

www.philips.com/xenongen2

*Compared to the minimum legal standard (except for D2R that provides up to 20% more vision).

Available in S1 & SF packaging



Available in



D1S



D2S



D2R



D3S



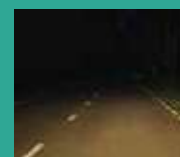
D4S

Dummy Retail Packs

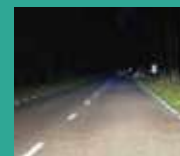
Type	Part No.
D1S	85415XV2
D2S	85122XV2
D2R	85126XV2
D3S	42403XV2
D4S	42402XV2

Type	Part No.
D1S	56643SF
D2S	56644SF
D2R	56645SF
D3S	56646SF
D4S	56647SF

Our brightest xenon bulb



Standard



Xenon X-tremeVision gen2

Images for illustration purposes only

Enjoy your passion

Xenon WhiteVision gen2

Extra white LED effect

- Up to 5000K white light on the road
- Up to 120% more vision*
- UV-blocking quartz glass
- 3 year warranty
- ECE Approved and road legal

Philips Xenon WhiteVision gen2 bulbs create an **intense white look** of your car and produce brighter, homogeneous white light on the road. Xenon WhiteVision gen2 is the **perfect choice** if you wish to mix and match xenon and LED lighting on your car.

www.philips.com/xenongen2

*Compared to the minimum legal standard (except for D2R that provides up to 20% more vision).

Available in S1 & SF packaging



Available in



D1S



D2S



D2R



D3S

Dummy Retail Packs

Type	Part No.
D1S	85415WHV2
D2R	85126WHV2
D2S	85122WHV2
D3S	42403WHV2

Type	Part No.
D1S	56640SF
D2S	56641SF
D3S	56642SF

Pure and bright white light defeats darkness

3
years
warranty



Standard



Xenon WhiteVision gen2

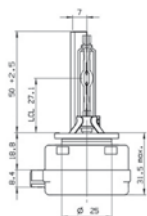
Images for illustration purposes only

Xenon Range Index



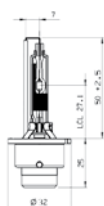
D1 Ballast

Range	Part No.	Volts	Watts	Base	Pack	QTY
Standard	85988X2	85V	35W	Ballast	Box	2



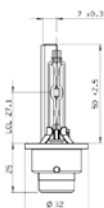
D1S

Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
X-tremeVision gen2 +150%	85415XV2	85V	35W	PK32d-2	4800K	Blister	1
	56643SF	Dummy Retail Pack				Blister	1
WhiteVision gen2 5000K & +120%	85415WHV2	85V	35W	PK32d-2	5000K	Blister	1
	56640SF	Dummy Retail Pack				Blister	1
Standard	85415P	85V	35W	PK32d-2	4300K	Box	1



D2R

Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
X-tremeVision gen2 +150%	85122XV2	85V	35W	P32d-3	4800K	Blister	1
	56645SF	Dummy Retail Pack				Blister	1
WhiteVision gen2 5000K & +120%	85126WHV2	85V	35W	P32d-3	5000K	Blister	1
Standard	85126P	85V	35W	P32d-3	4300K	Box	1



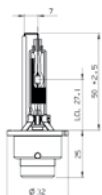
D2S

Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
X-tremeVision gen2 +150%	85122XV2	85V	35W	P32d-2	4800K	Blister	1
	56644SF	Dummy Retail Pack				Blister	1
WhiteVision gen2 5000K & +120%	85122WHV2	85V	35W	P32d-2	5000K	Blister	1
	56641SF	Dummy Retail Pack				Blister	1
Standard	85122P	85V	35W	P32d-2	4300K	Box	1

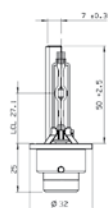




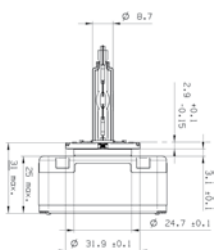
Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
X-tremeVision gen2 +150%	42403XV2	42V	35W	PK32d-5	4800K	Blister	1
	56646SF	Dummy Retail Pack				Blister	1
WhiteVision gen2 5000K & +120%	42403WHV2	42V	35W	PK32d-5	5000K	Blister	1
	56642SF	Dummy Retail Pack				Blister	1
Standard	42403	42V	35W	PK32d-5	4300K	Box	1



Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
Standard	42406	42V	35W	P32d-6	4300K	Box	1



Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
X-tremeVision gen2 +150%	42402XV2	42V	35W	P32d-5	4800K	Blister	1
	56647SF	Dummy Retail Pack				Blister	1
Standard	42402	42V	35W	P32d-5	4300K	Box	1



Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	QTY
Standard	12410	12V	25W	PK32d-7	4300K	Box	1



LED



Our LED lighting for cars and trucks is designed and manufactured at consistent high quality

LED

lighting for cars and trucks

Our **LED lighting** illuminates the vehicle's interior and exterior with power and precision. Choose a range of temperatures from 4000 K to up to 6500 K, from powerful, warm white to ultimate blue light for **maximum perception** and **styling**.

www.philips.com/automotive

Which **LED** lighting do you **need**?

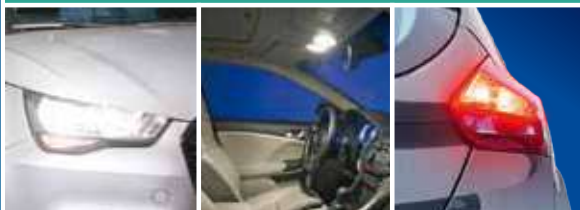


Enjoy your passion

The next level of white light. Bright signals. Stylish driving.



Ultinon LED



- Up to +160%* brighter LED headlights
- Bright LED signalling and interior lights
- Up to 8-year lifetime
- Good light diffusion
- 2 year warranty

Available in

Headlights and fog

[=H4], [=H7],
[=H8/H11/H16]

Signal and interior lights

[=W5W], [=W16W], [=W21W], [=W21/5W], [=WY21W],
[=P21W], [=P21/5W], [=PY21W], [=P27/7W], [=P27W]
FEST 30mm/38mm/43mm, Reading Lamp

Stunning illumination Brighter. Whiter. Stronger.



X-tremeUltinon LED



- Up to +200%* brighter LED headlights
- Brighter LED signalling and interior lights
- Up to 12-year lifetime
- Superior light diffusion
- 3 year Warranty

Available in

Headlights and fog

[=H4], [=H7], [=H11], [=HB3],
[=HB4], [=HIR2], [=H8/H11/H16]

Signal and interior lights

[=W5W], [=W16W], [=W21W], [=W21/5W],
[=WY21W], [=P21W], [=P21/5W], [=PY21W],
FEST 30mm/38mm, Reading Lamp

* Compared to the ECE minimum legal standard for halogen bulbs.

Important LED lighting is for interior and off-road use only.

Philips LED headlamps, fog and signalling bulbs are currently not ECE homologated or ADR approved and are not for use on public roads.

For more information, please contact your Philips representative.
Images are non-contractual and may be modified.



Enjoy your passion



Low/high beam & Fog lights



X-tremeUltinon LED Headlights & Fog

BRIGHTER. WHITER. STRONGER



- Up to **+200%** brighter* light
- 6000 Kelvin crisp white light



- **SafeBeam** technology
- Superior light diffusion**



- **AirFlux / AirCool***** Smart cooling systems



- Philips Automotive Grade Quality
- Automotive EMI compliant (Electromagnetic interference)
- **IP65** rating /vibration resistant / Heat resistant
- **12 years lifetime**
- **3 years warranty**
- **For off road use only, not approved for ADR, ECE or DOT.**



* Compared to the ECE minimum legal standard for halogen bulbs

** Available for [≈H7], [≈H11], [≈HB3/HB4], [≈HIR2]

*** Available for [≈H7], [≈HB3/HB4], [≈HIR2]

Available in



[≈H4]



[≈H7]



[≈H11]



[≈HB3/HB4]



[≈HIR2]



[≈H8/11/16]
6000K



[≈H8/11/16]
2700K

Type	Part No.
H4	12953BWX2
H7	12985BWX2
H11	11362XUX2
HB3/4	11005XUX2
HIR2	11012XUX2
Fog 6000K	12834X2
Fog 2700K	12793X2



Standard



X-tremeUltinon LED

Images for illustration purposes only



Position lights

X-treme Ultinon LED

Bright vibrant lights to signal with style

- Xtreme light performance
- Ideal match for Xenon and LED headlight
- Philips CeraLight durable thermal design technology
- 12 year lifespan
- Available in 6000K & 6500K



Standard halogen



X-treme Ultinon LED

Available in X2



Sparkling bright effect



Type	Part No.
T10	127996500KX2
T10	127996000KX2



Stop/tail

X-treme Ultinon LED

Bright vibrant lights to signal with style

- Match the deep red color style trend
- Instant-On to get noticed faster
- 12 year lifespan

RED



Incandescent bulb



X-treme Ultinon LED

Available in X2



Intense bright light



Type	Part No.
W21/5	12768X2
P21	12898RX2
P21/5	12899RX2



Front & rear indicators

X-treme Ultinon LED

Bright vibrant lights to signal with style

- Maximum road safety
- Get noticed with intense amber color
- 12 year lifespan

AMBER



Incandescent bulb



X-treme Ultinon LED

Available in X2



Intense bright light



3 years warranty



Type	Part No.
PY21	12764X2
WY21	12763X2



Reverse lights

X-treme Ultinon LED

Bright vibrant lights to signal with style

- Upgrade light performance for reverse
- Maximum road safety
- More style with white bright light (6000K)
- 12 year lifespan



Incandescent bulb



X-treme Ultinon LED

Available in X2 & X1 (T16)



Intense bright light



3 years warranty



Type	Part No.
P21	12898X2
T16	12832X1
W21	12795X2

Images for illustration purposes only



License plate lights

X-treme Ultinon LED

Bright vibrant lights to signal with style

- License plate upgrade
- 360° uniform light diffusion
- Philips CeraLight durable thermal design technology
- 12 year lifespan



Standard halogen



X-treme Ultinon LED

Available in X1 (Festoon) & X2



Sparkling bright effect



3 years warranty



Type	Part No.
Festoon 38mm	129446000KX1
T10 6500K	127996500KX2
T10 6000K	127996000KX2



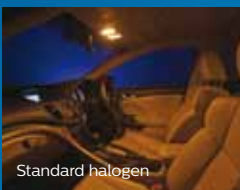
Interior light

X-treme Ultinon LED

See more inside your car with brighter and stylish Philips LED lighting

- Upgrade to white interior
- Clear interior visibility
- Uniform light diffusion
- 12 year lifespan

Available in X1 & X2 (T10)



Standard halogen



X-treme Ultinon LED

Bright modern interior



3 years warranty



Type	Part No.
Festoon 30mm 6000K	129416000KX1
Festoon 30mm 6500K	129416500KX1
Festoon 38mm 6000K	129446000KX1
LED Reading	129576000KX1
T10 6500K	127996500KX2
T10 6000K	127996000KX2

CANbus

X-treme Ultinon LED

- Removes warning dash light, high beam signal & pulsing/fast flashing bulbs
- Easy wire clip on
- 5W and 21W versions available for signalling applications
- Headlight versions available also.

Compatible with Philips LED



Type	Part No.
CANbus 21W	18957X2
CANbus 5W	12956X2
H4 CANbus	18960C2
H7 CANbus	18952C2
H11/Fog CANbus	18954C2
HB3/HB4/HIR2 CANbus	18956C2

LED HL Connector Rings

X-treme Ultinon LED

- Improves fit of LED H7 headlights
- Made from durable metal
- Available in Type B & Type C connections.



Type	Part No.
LED H7 Ring Type B	11172BX2
LED H7 Ring Type C	11172CX2

Ultinon LED



The next level of white light.

Bright signals. Stylish driving.

With a high color temperature of up to **6000 Kelvin**, the **Philips Ultinon LED headlight** produces a bright white, daylight-like beam. With clearer vision you're better able to spot obstacles and take the perfect driving line. And as you don't have to strain to see the terrain ahead, brighter lights make for a more comfortable and exciting night-time drive.

Philips Ultinon LED Headlights uses a brand new bulb design integrating driver box electronics in the bulb body providing a more compact design, simplifying the installation.

Enjoy your passion



New



Low/high beam & Fog lights

Ultinon LED Headlights & Fog

The next level of white light

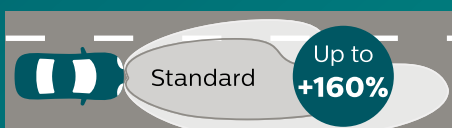


- Up to +160% brighter* light
- 6000 Kelvin crisp white light
- SafeBeam technology
- AirFlux Smart cooling systems
- Philips Automotive Grade Quality
- Automotive EMI compliant (Electromagnetic interference)
- IP65 rating /vibration resistant / Heat resistant
- 8 years lifetime
- 2 years warranty
- **For off road use only, not approved for ADR, ECE or DOT.**

* Compared to the ECE minimum legal standard for halogen bulbs



2
years
warranty



Available in



[≈H4]



[≈H7]



[≈H8/11/16]



Standard



Ultinon LED

Type	Part No.
H7	11972ULX2
H4	11342ULX2
Fog H8/11/16	11366ULX2

Images for illustration purposes only



Position lights

Ultinon LED

Upgrade your lights, upgrade your style

- Brighter signals for improved safety
- Durable and long-lasting LED lighting
- Up to 6000K colour temperature

WHITE

Available in X2



2
years
warranty



Type	Part No.
T10 (W5W)	11961ULWX2



Stop/tail

Ultinon LED

Upgrade your lights, upgrade your style

- Brighter signals for improved safety
- Durable and long-lasting LED lighting
- Available in White & Red

WHITE RED

Available in X2



2
years
warranty



Type	Part No.
T20 Red (W21W)	11065ULRX2
T20 Red (W21/5W)	11066ULRX2
S25 Red (P21W)	11498ULRX2
S25 Red (P21/5W)	11499ULRX2

Type	Part No.
P27 Red (P27/7W)	3157RULRX2
P27 White (P27/7W)	3157ULWX2
S25 White (P21/5W)	11499ULWX2
T20 White (W21/5W)	11066ULWX2



Front & rear indicators

Ultinon LED

Upgrade your lights, upgrade your style

- Brighter signals for improved safety
- Durable and long-lasting LED lighting
- Good light distribution for enhanced visibility

AMBER

Available in X2



2
years
warranty



Type	Part No.
S25 (PY21W)	11498ULAX2
T20 (WY21W)	11065ULAX2
P27 (P27/7W)	3157AULAX2

Images for illustration purposes only



Reverse lights

Ultinon LED

Upgrade your lights, upgrade your style

- Brighter signals for improved safety
- Durable and long-lasting LED lighting
- Good light distribution for enhanced visibility
- Up to 6000K colour temperature

WHITE



Available Available in X1 (T16 only) & X2



2
years
warranty



Type	Part No.
T16 (W16W)	11067ULWX1
T20 (W21W)	11065ULWX2
S25 (P21W)	11498ULWX2
P27 (P27W)	3156ULWX2



Interior lights

Ultinon LED

See more inside your car with brighter and stylish Philips LED lighting.

- Upgrade to white interior
- Clear interior visibility
- Uniform light diffusion
- 12 year lifespan
- Up to 6000K colour temperature

WHITE



Available in X1 & X2 (T10 only)



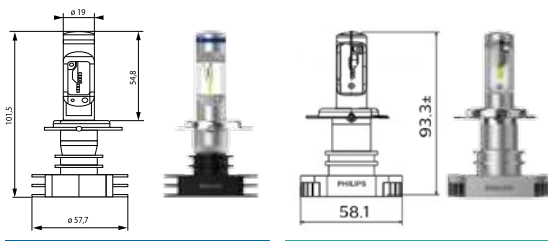
2
years
warranty



Type	Part No.
T10 (W5W)	11961ULWX2
Festoon (30mm)	11860ULWX1
Festoon (38mm)	11854ULWX1
Festoon (43mm)	11864ULWX1
Multi-reading	12957ULWX1

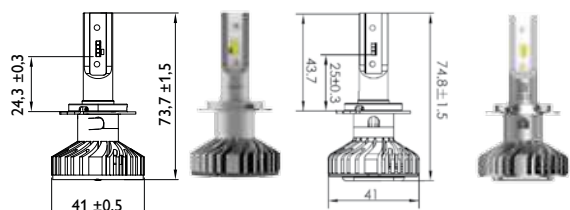
Images for illustration purposes only

LED Headlight Range Index



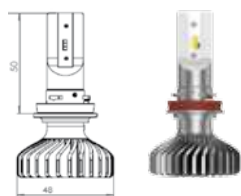
H4

Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	Qty
Ultinon	11342ULX2	12V	15.5W	P43t-38	6000K	Twin	2
X-treme Ultinon	12953BWX2	12/24V	23W	P43t-38	6000K	Twin	2



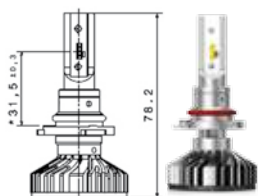
H7

Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	Qty
Ultinon	11972ULX2	12V	14W	PX26d	6000K	Twin	2
X-treme Ultinon	12985BWX2	12V	25W	PX26d	6000K	Twin	2



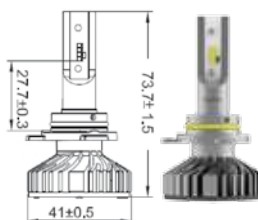
H11

Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	Qty
X-treme Ultinon	11362XUX2	12V	22W	PGJ19-2	6000K	Twin	2



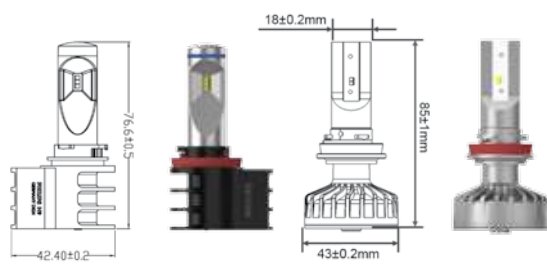
HB3/4

Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	Qty
X-treme Ultinon	11005XUX2	12V	25W	P20d/P22d	6000K	Twin	2



HIR2

Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	Qty
X-treme Ultinon	11012XUX2	12V	25W	PX22d	6000K	Twin	2



Fog - H8/11/16

Range	Part No.	Volts	Watts	Base	Kelvin*	Pack	Qty
Ultinon	11366ULX2	12V	10.5W	PGJ19-1/2/3	6000K	Twin	2
X-treme Ultinon	12834X2	12V	10W	PGJ19-1/2/3	6000K	Twin	2
	12793X2	12V	10W	PGJ19-1/2/3	2700K	Twin	2

*All kelvin figures quoted are up to and including the figure. Kelvin numbers may vary depending on bulb type

LED Accessories Range Index



CANbus Range

Range	Part No.	Type	Volts	Pack	Qty
X-treme Ultinon	18960C2	H4 CANbus	12V	Twin	2
	18952C2	H7 CANbus	12V	Twin	2
	18954C2	H8/11/16 CANbus	12V	Twin	2
	18956C2	HB3/4/HIR2 CANbus	12V	Twin	2
	18957X2	21W CANbus	12V	Twin	2
	12956X2	5W CANbus	12V	Twin	2

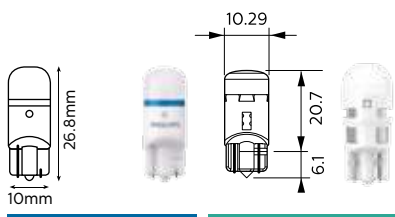


LED Adapter Rings

Range	Part No.	Type	Pack	Qty
X-treme Ultinon	11172BX2	LED H7 Ring Type B	Twin	2
	11172CX2	LED H7 Ring Type C	Twin	2



LED Signalling Range Index



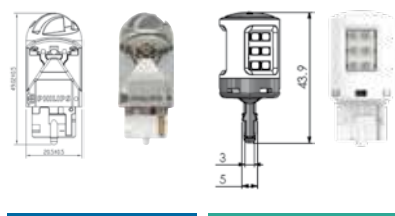
T10 (W5W)

Range	Part No.	Volts	Watts	Base	Kelvin	Pack	Qty
Ultinon	11961ULWX2	12V	0.6W	W2.1x9.5d	6000K	Twin	2
X-treme Ultinon	127996500KX2	12V	0.9W	W2.1x9.5d	6500K	Twin	2
	127996000KX2	12V	0.9W	W2.1x9.5d	6000K	Twin	2



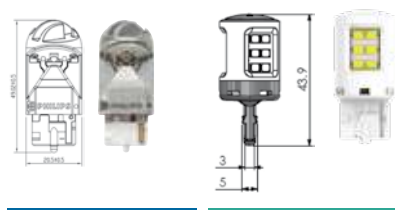
T16 (W16W)

Range	Part No.	Volts	Watts	Base	Kelvin	Pack	Qty
Ultinon	11067ULWX1	12V	2.3W	W2.1x9.5d	6000K	Single	1



T20 (W21, WY21)

Range	Part No.	Volts	Watts	Base	Kelvin	Pack	Qty
Ultinon	11065ULWX2	12V	1.95W	WX3x 16d	6000K	Twin	2
	11065ULRX2	12V	2.7W	WX3x 16d	RED	Twin	2
	11065ULAX2	12V	0.75W	WX3x 16d	AMBER	Twin	2
X-treme Ultinon	12763X2	12V	5.5W	WX3x 16d	AMBER	Twin	2
	12795X2	12V	3W	WX3x 16d	6000K	Twin	2



T20/5W (W21/5W)

Range	Part No.	Volts	Watts	Base	Kelvin	Pack	Qty
Ultinon	11066ULWX2	12V	0.45/1.5W	WX3x 16d	6000K	Twin	2
	11066ULRX2	12V	2.7W	WX3x 16d	RED	Twin	2
X-treme Ultinon	12768X2	12V	0.36/1.97W	WX3x 16d	RED	Twin	2



S25 (P21, PY21)

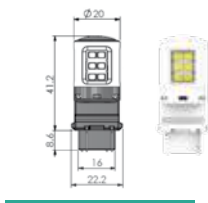
Range	Part No.	Volts	Watts	Base	Kelvin	Pack	Qty
Ultinon	11498ULWX2	12V	1.95W	BA15s	6000K	Twin	2
	11498ULRX2	12V	2.7W	BA15s	RED	Twin	2
	11498ULAX2	12V	0.75W	BA15s	AMBER	Twin	2
X-treme Ultinon	12898X2	12V	4.3W	BA15s	6000K	Twin	2
	12898RX2	12V	1.9W	BA15s	RED	Twin	2
	12764X2	12V	4.3W	BAU15s	AMBER	Twin	2



S25 (P21/5)

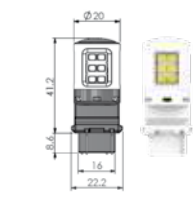
Range	Part No.	Volts	Watts	Base	Kelvin	Pack	Qty
Ultinon	11499ULWX2	12V	0.45/1.5W	BA15s	6000K	Twin	2
	11499ULRX2	12V	2.7W	BA15s	RED	Twin	2

LED Signalling Range Index



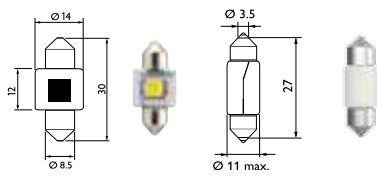
S8 (P27)

Range	Part No.	Volts	Watts	Base	Kelvin	Pack	Qty
Ultinon	3156ULWX2	12V	1.95W	W2.5x16d	6000K	Twin	2



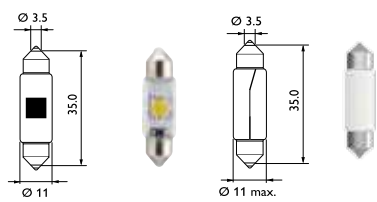
S8 (P27/7W)

Range	Part No.	Volts	Watts	Base	Kelvin	Pack	Qty
Ultinon	3157WULWX2	12V	0.45/1.5W	W2.5x16d	6000K	Twin	2
	3157RULRX2	12V	2.7W	W2.5x16d	RED	Twin	2
	3157AULAX2	12V	0.75W	W2.5x16d	AMBER	Twin	2



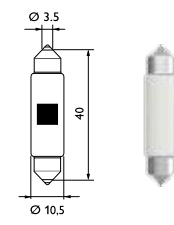
FESTOON 30mm

Range	Part No.	Volts	Watts	Base	Kelvin	Pack	Qty
Ultinon	11860ULWX1	12V	0.6W	SV8.5-8	6000K	Single	1
X-treme Ultinon	129416000KX1	12V	0.75W	SV8.5	6000K	Single	1



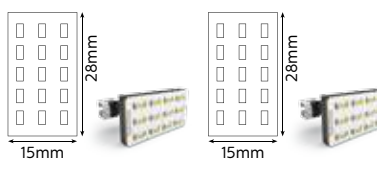
FESTOON 38mm

Range	Part No.	Volts	Watts	Base	Kelvin	Pack	Qty
Ultinon	11854ULWX1	12V	0.6W	SV8.5-8	6000K	Single	1
X-treme Ultinon	129446000KX1	12V	0.75W	SV8.5	6000K	Single	1



FESTOON 43mm

Range	Part No.	Volts	Watts	Base	Kelvin	Pack	Qty
Ultinon	11864ULWX1	12V	0.6W	SV8.5-8	6000K	Single	1



READING LIGHT/MULTI

Range	Part No.	Volts	Watts	Base	Kelvin	Pack	Qty
Ultinon	12957ULWX1	12V	0.9W	SV8.5-8	6000K	Single	1
X-treme Ultinon	129576000X1	12V	0.9W	SV8.5-8	6000K	Single	1

Which **LED** lighting for which function



Head-lights



Front/rear position/parking lights



Front fog lights



Dashboard lights



Interior lights



Front/rear indicators



Glove compartment lights



Rear fog lights



Boot lights



License plate lights



Reversing light



3rd stop light



Stop lights

X-tremeUltinon LED – Stunning illumination

LED-HL [≈H4]	LED-T10 [≈W5W]	LED-FOG [≈H8/H11/H16]	LED-T10 [≈W5W]	LED-T10 [≈W5W]	LED-S25 [≈PY21W]	LED-T10 [≈W5W]	LED-S25 [≈P21W]	LED-T10 [≈W5W]	LED-T10 [≈W5W]	LED-T16 [≈W16W]	LED-T20 [≈W21W]	LED-S25 [≈P21W]
LED-HL [≈H7]		LED-FOG-YELLOW [≈H8/H11/H16]	LED-FEST 30mm	LED-FEST 30mm	LED-T20 [≈WY21W]	LED-FEST 30mm	LED-FEST 30mm	LED-FEST 30mm	LED-FEST 38mm	LED-T20 [≈W21W]	LED-S25 [≈P21W]	LED-S25 [≈P21W]
LED-HL [≈H11]			LED-FEST 38mm	LED-FEST 38mm		LED-FEST 38mm				LED-S25 [≈P21W]	LED-T20 [≈W21W]	LED-T20 [≈W21W]
LED-HL [≈HB3/4]												LED-T20 [≈W21W]
LED-HL [≈HIR2]				LED- MULTI Reading Lamp								LED-T20 [≈W21W]

Ultinon LED – The next level of white light. Bright signals. Stylish driving.

LED-HL [≈H4]	LED-T10 [≈W5W]	LED-FOG [≈H8/H11/H16]	LED-T10 [≈W5W]	LED-T10 [≈W5W]	LED-S25 [≈PY21W]	LED-T10 [≈W5W]	LED-S25 [≈P21W]	LED-T10 [≈W5W]	LED-T10 [≈W5W]	LED-T16 [≈W16W]	LED-T20 [≈W21W]	LED-S25 [≈P21W]	LED-S25 [≈P21W]
LED-HL [≈H7]			LED-FEST 30mm	LED-FEST 30mm	LED-T20 [≈WY21W]	LED-FEST 30mm	LED-FEST 30mm	LED-FEST 30mm	LED-FEST 30mm	LED-T20 [≈W21W]		LED-T20 [≈W21W]	LED-T20 [≈W21W]
			LED-FEST 38mm	LED-FEST 38mm		LED-FEST 38mm		LED-FEST 38mm	LED-FEST 38mm			LED-T20 [≈W21W]	LED-T20 [≈W21W]
			LED-FEST 43mm	LED-FEST 43mm	LED-P27 [≈P27/7W]	LED-FEST 43mm		LED-FEST 43mm	LED-FEST 43mm	LED-S25 [≈P21W]	LED-P27 [≈P27/7W]	LED-P27 [≈P27/7W]	LED-P27 [≈P27/7W]

CANbus adapter for optimal control

LED-CANbus for [≈H4] [≈H7] [≈H11] [≈HB3/4] [≈HIR2]	LED-CANbus for [≈5W]	LED-CANbus for [≈H4] [≈H7] [≈H11] [≈HB3/4]	LED-CANbus for [≈5W]	LED-CANbus for [≈5W]	LED-CANbus for [≈21W]	LED-CANbus for [≈5W]	LED-CANbus for [≈21W]	LED-CANbus for [≈5W]	LED-CANbus for [≈5W]	LED-CANbus for [≈21W]	LED-CANbus for [≈21W]	LED-CANbus for [≈21W]	LED-CANbus for [≈21W]
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Kits

Headlight Restoration Kit

Our **Headlight restoration kit** renovates car, truck and motorcycle lenses to like-new condition. It's our **cost-effective alternative** to complete headlight replacement.

www.philips.com/automotive

Headlight restoration kit



Safety

Restores headlight lenses to like-new condition!

- Less glare and up to 100% brighter lenses
- Provides safer night-time driving
- Removes haze and yellowing from harmful UV-rays and dirt
- Professional results without power tools in 30 minutes
- High-quality and economical
- 2-year UV-protection guaranteed

Removes the fading and yellowing of headlight lenses and restores them to their original state of **transparency** for **greater safety**. Headlight lenses fade and oxidise from constant exposure to the elements and become scratched due to impacts.

Type

Headlight Restoration Kit

Part No.

HRK00



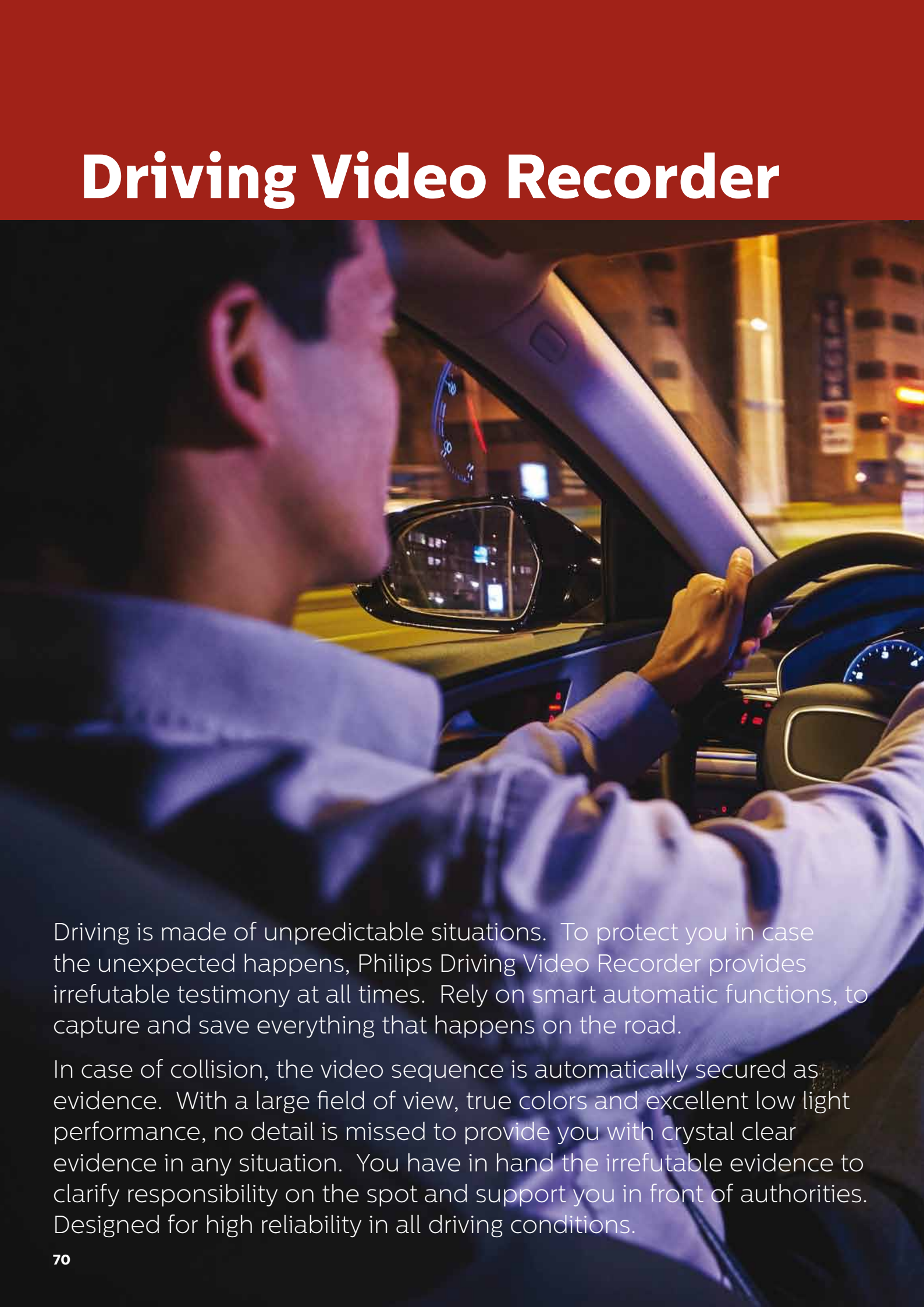
Before



After

Images for illustration purposes only

Driving Video Recorder

A man is driving a car at night. The interior of the car is visible, including the steering wheel, dashboard, and side mirror. The driver is wearing a light-colored shirt. The car is on a road at night, with city lights visible in the background. The Philips Driving Video Recorder is mounted on the dashboard, capturing the driver's perspective.

Driving is made of unpredictable situations. To protect you in case the unexpected happens, Philips Driving Video Recorder provides irrefutable testimony at all times. Rely on smart automatic functions, to capture and save everything that happens on the road.

In case of collision, the video sequence is automatically secured as evidence. With a large field of view, true colors and excellent low light performance, no detail is missed to provide you with crystal clear evidence in any situation. You have in hand the irrefutable evidence to clarify responsibility on the spot and support you in front of authorities. Designed for high reliability in all driving conditions.





Driving Video Recorder

ADR620

Your reliable eye-witness
on the road

- Full-HD 1080p sharp recording
- 120° angle & bright F2.0 lens
- Good night view performance
- With a convenient built-in 2" LCD screen
- Automatic recording
- Collision detecting G sensor
- Driver fatigue alert warning



ADR62



Part No.	Description	Video Quality	Recording Angle	Night View	WaveGuard	Park Monitoring	Auto recording & crash video protection	Built-in battery	V	Packing
ADR620	Automotive Driving Recorder 620	Full-HD 1080p	120	Enhanced Night View	-	-	Yes	340mAh	12V	X1



Driving Video Recorder

ADR900

Your personal road safety guardian with WaveGuard 24/7 parking monitoring

- WaveGuard 24/7 parking monitoring
- Fatigue index with driver alert
- Capture more of the scene with a real 171° degree super wide angle
- Emergency Capture to catch the unexpected, always
- Vivid details with 1080p Full HD denition
- Perfect night view



WaveGuard 24/7 parking monitoring



Even when you are away, Philips WaveGuard will watch over your car and capture evidence if vandalism act is detected, day and night.



ADR900



1. Connected with Philips plug and play cable to the OBD plug of your car, you have the insurance that Wave Guard will always watch-over your car during parking, without draining your vehicle battery.
2. A red LED will ash on front of the device as soon as WaveGuard record a moving object approaching too close.

Part No.	Description	Video Quality	Recording Angle	Night View	WaveGuard	Park Monitoring	Auto recording & crash video protection	Built-in battery	V	Packing
ADR900	Automotive Driving Recorder 900	Full-HD 1080p	171	Perfect Night View-ISO6400	Yes	-	Yes	-	OBD	X1

Lighting technology explained

www.philips.com/automotive

■ Asymmetrical beam pattern

An offset beam pattern for low-beam applications. Provides a longer beam in the lane of travel, which avoids blinding oncoming traffic.

■ Ballast

The electronic driver that controls a xenon HID bulb.

■ Base

Bottom part of the bulb which ensures a proper mechanical and electrical connection with the bulb unit of the car. Its precision is important for a correct beam pattern.

■ Board voltage

Electrical voltage in the board net of the vehicle. In cars, the operational voltage at the bulb connector typically varies between 13 and 14 volts (V). The official test voltage for halogen headlight bulbs is 13.2 V according to ECE R37. For trucks with a 24 V board net the test voltage is 28 V. The board voltage has a significant impact on filament bulb lifetime. In general, a 5% voltage increase reduces the lifetime by 50%.

■ Burner

Burner is the glass part of a halogen or xenon HID bulb in which the light emission is generated. It consists of hard or quartz glass and contains the filament and the two electrodes.

■ Candela (cd)

Unit of luminous intensity that measures the amount of luminous power emitted by a light source in a particular direction.

■ Color temperature

Thermal measure for light color. Derived from the color emitted by a "black body" which is heated up to a certain temperature (see also Kelvin).

■ Cut-off zone

The line between the bright and dark zones of low beam light. Above the cut-off zone the amount of light is limited in order to avoid blinding oncoming traffic.

■ D(...)

Nomenclature for xenon HID bulbs where **D** stands for "discharge." Available technical types: **D1S**, **D1R**, **D2S**, **D2R**, **D3S**, **D3R**, **D4S**, **D4R** and **D5S**.

D1 and **D2** First bulbs introduced in 1991

D3 and **D4** Mercury-free bulbs that replace D1 and D2

For D1 and D3, the electronic high-voltage starter is already integrated in the bulb base. The **S** type is used with projector (lens) systems. Version **R** is used in open reflectors and features an additional coating on the outer tube (pinstripe) which blocks out some areas to avoid glare. The **D5S** is a 25-watt bulb with integrated starter and integrated ballast.

■ Discharge bulb

The correct, technical term of the so-called xenon bulb is **high-intensity discharge** bulb. The light is emitted by an electric arc which is produced between two electrodes. **See also** HID and xenon light.

■ DOT

The United States Department of Transportation which oversees federal highway, air, railroad, maritime and other transportation administration functions. It fulfills a role similar to the Economic Commission for Europe (ECE).

■ DRL

Daytime Running Lights.

■ ECE

Economic Commission for Europe. One of five regional commissions of the United Nations (UN) based in Geneva that contributes to enhancing the effectiveness of the UN through the regional implementation of outcomes of global UN Conferences and Summits. The ECE is responsible for harmonising technical specifications for vehicles whose regulations are also mandatory in many countries outside Europe.

■ ECE R

This stands for the ECE Regulation. Examples for vehicle lighting:

R37 Filament bulbs

R99 Gas-discharge light sources

R48 Installation of lighting and light-signalling devices

■ Electric arc

The connecting luminous discharge between the two electrodes of a xenon HID bulb. This is similar in principle to a bolt of lightning. The electric arc is created by the high-voltage starter and stabilised and controlled by the ballast.

■ Electrodes

Electrical conductors which are positioned opposite each other in the vessel of a xenon gas-discharge bulb. The electric arc, which emits light, is produced between the electrodes.

■ E-mark

The ECE mark of approval. The digit following the "E" indicates in which country the approval has been granted. For example: E1 indicates Germany and E2 indicates France. An approval granted by one ECE member is valid for all member states and is typically adopted by national regulations. Single minor deviations are possible.

■ Festoon

A tube-shaped bulb with contacts at each end such as C5W, which is commonly used for interior and license plate lighting.

■ Filament

A coiled tungsten wire that emits light.

■ H(...)

Nomenclature for halogen bulbs. H = halogen.

The bulbs are numbered consecutively.

The most common types are:

H1 First halogen bulb (single filament).

H4 Double filament for both low beam and high beam application in one headlight unit.

H7 Most common halogen bulb in Europe for low beam, high beam, and fog lighting.

■ Halogen

A gas that is used to create the halogen cycle process in a light bulb. During operation the tungsten molecules evaporate from the tungsten. In the cycle process they combine with the halogen molecules and fall back to the wire. This extends the lifetime of a bulb and allows operation at a higher intensity. Halogen bulbs contain a high-pressure halogen filling. Non-halogen incandescent bulbs often use a vacuum.

■ HB(...)

ECE name of original North American bulb types which were approved for use in Europe as well. For example:

HB3 refers to 9005 and HB4 refers to 9006.

■ Hg

Symbol for mercury (Latin: hydrargyrum). Xenon bulb types D1 and D2 still contain approximately one third of the amount of mercury as a normal domestic energy-saving bulb. D3, D4 und D5 are completely mercury free.

■ HID

High Intensity Discharge. Correct technical name for a so-called xenon bulb.

See also gas-discharge bulb, xenon light, xenon system.

■ High-voltage starter

Creates high-voltage pulses of approximately 20,000 volts to ignite the electric arc in a xenon HID bulb.

■ HiPerVision

Very compact signalling-bulb range with high-precision filaments and a long lifetime. For use in signalling lights, fog lights, rear and daytime running lights.

■ Illuminance (lux)

Contrary to luminous flux (lumen), which is a measure of the total amount of light emitted by a light source, illuminance describes the amount of luminous flux per unit area, such as on the road. This is measured with a lux meter.

■ Kelvin (K)

A unit of measure of temperature based upon an absolute scale whereby zero (minus 273° C) represents the point where all thermal motion ceases. In lighting, however, this is a measure of color temperature. The higher the color temperature, the whiter and cooler the light appears.

■ LED

Light Emitting Diode.

■ Lifetime

Statistical data that indicate the failure rate of a percentage of bulbs operated at a specific voltage over a certain period of time. Common lifetime data indication:

B3 Time when statistically 3% of the test samples have failed

TC Time when 63% of the test samples have failed.

■ Luminance

The intensity of light emitted from a surface per unit area in a given direction from, for example, the filament or the electric arc of a xenon HID bulb. An important indicator of the amount of light a headlight unit provides on the road. The unit is candela/m² (cd/m²).

■ Lumen (lm)

Unit of luminous flux.

■ Luminous flux (lumen)

The total amount of light that is emitted by a light source in all directions.

■ Lux (lx)

Unit of illuminance. 1 Lux = 1 lm/m².

See also Illuminance.

■ Lux meter

Illuminance measuring device.

■ Pb

Symbol for lead (Latin: plumbum).

All Philips automotive bulbs are **lead-free**.

■ Quartz glass

Temperature and pressure resistant glass for halogen and xenon HID bulbs. The glass also has a special coating to block out harmful ultraviolet (UV) light.

■ Tungsten

Filament and electrode material.

■ UV-block

Ultraviolet (UV) blocking glass absorbs the UV light created by the filament or the electric arc. UV block is mandatory for all ECE complying car bulbs because UV light can damage the plastic cover of the headlamp.

See also Quartz glass.

■ Wedge base

Bulb with a glass base, such as W5W. Mainly used for parking lights, side indicators and interior lighting.

■ Xenon (Xe)

One of the noble gases. Commonly used to refer to HID bulbs.

■ Xenon light

Headlights with HID bulbs.

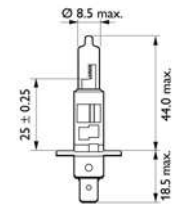
See also D(...), Discharge bulb, HID.

■ Xenon system

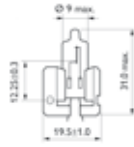
A complete xenon system consists of the HID bulb, the high-voltage starter and the electronic ballast which controls the electric arc.

Technical illustrations

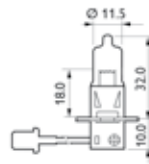
Bulbs



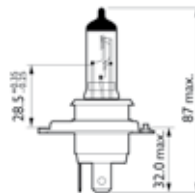
H1



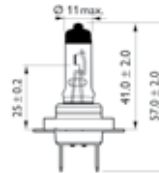
H2



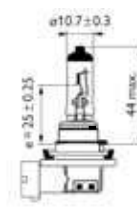
H3



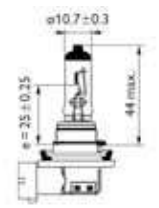
H4



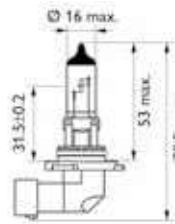
H7



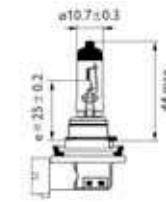
H8



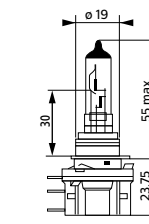
H9



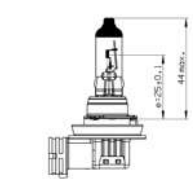
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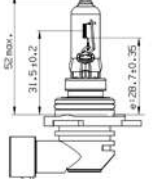
H11



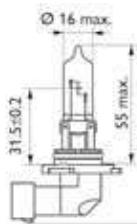
H15



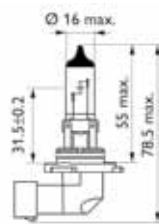
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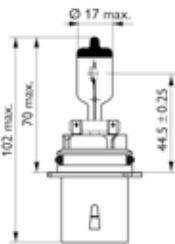
HIR2



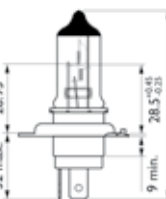
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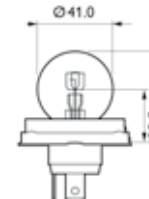
HB4



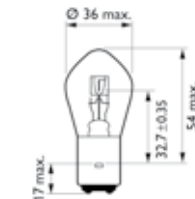
HB5



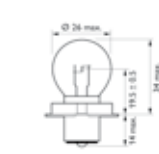
HS1



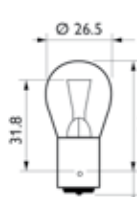
R2



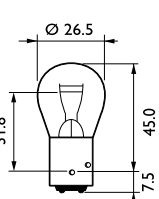
S2



S3



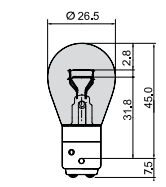
P21W



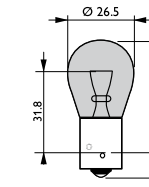
P21/4W



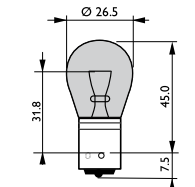
P21/5W



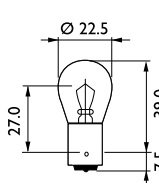
PR21/5W



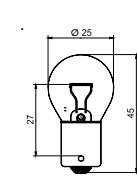
PR21W



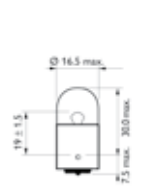
PY21W



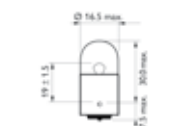
Stop P22



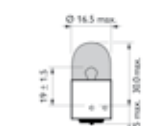
Stop P25



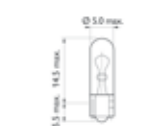
R5W



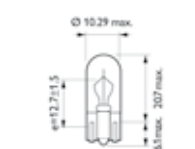
R10W



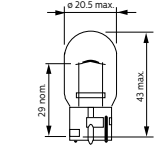
RY10W



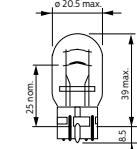
**W1,2W-W2,3W
W2W-WB T5**



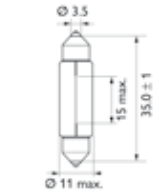
**W2,2W-W2,5W
W3W-W5W(Y)**



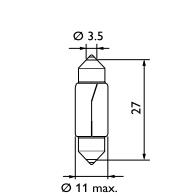
W21W



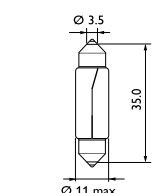
W21/5W



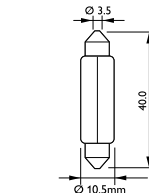
C5W



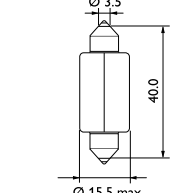
**Festoon
T10,5x30**



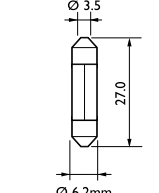
**Festoon
T10,5x38**



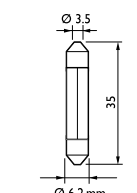
**Festoon
T10,5x43**



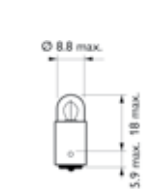
**Festoon
T15x43**



**Festoon
T6,2x27**



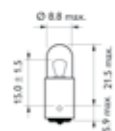
**Festoon
T6,2x35**



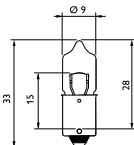
T2W-T3W

Technical illustrations

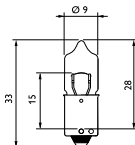
Bulbs



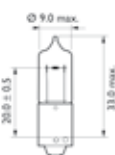
T4W



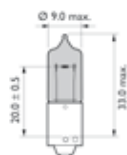
H5W



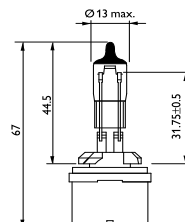
H6W



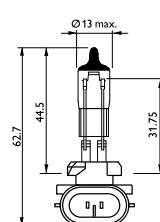
H21W



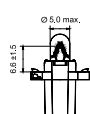
HY21W



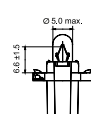
H27W/1



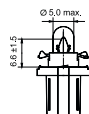
H27W/2



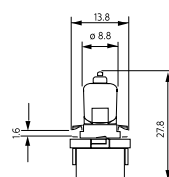
Bax 8,3s



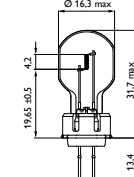
Bax 8,4d



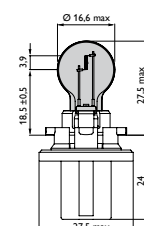
Bax 8,5d



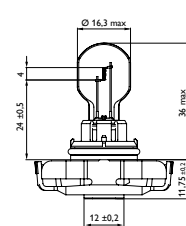
**Bax 10d
halogen**



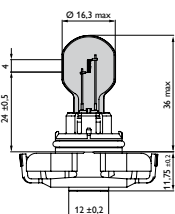
HiPerLCP24W



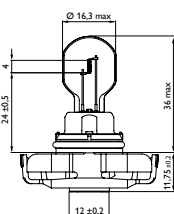
PCY16W



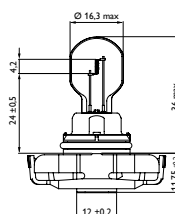
PS19W



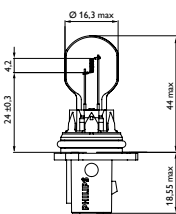
PSY19W



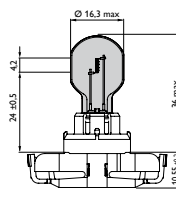
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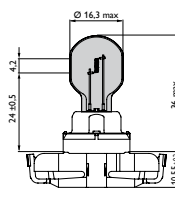
PSX24W



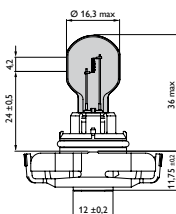
PSX26W



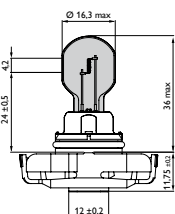
PY24W



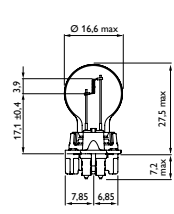
PY24W SV+



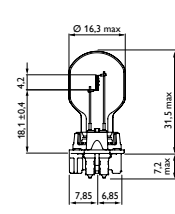
PSY24W



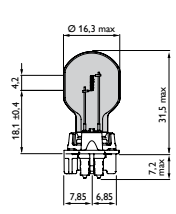
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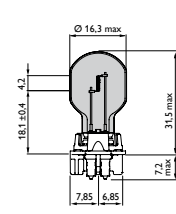
PW16W



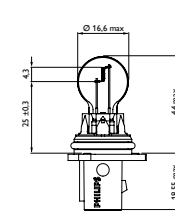
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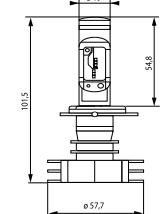
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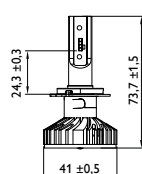
PWY24W SV



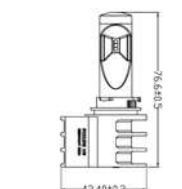
P13W



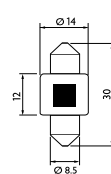
**LED-HL
[~H4]**



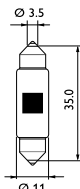
**LED-HL
[~H7]**



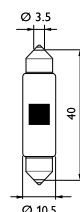
**LED-FOG
[~H8/H11/H16]**



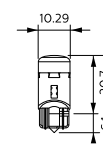
**LED-FEST
30 mm**



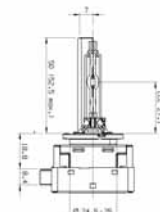
**LED-FEST
38 mm**



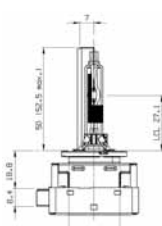
**LED-FEST
43 mm**



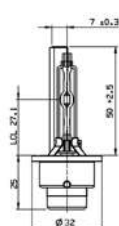
**LED-T10
[~W5W]**



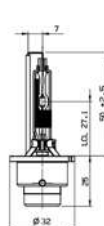
D1S



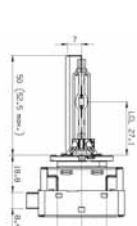
D1R



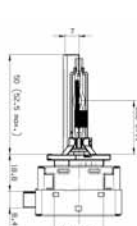
D2S



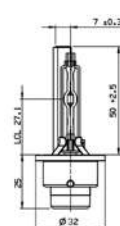
D2R



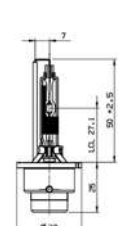
D3S



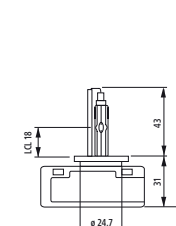
D3R



D4S



D4R



D5S

Technical illustrations

Bases



SV6

IEC 7004-5



SV8,5-8

IEC 7004-81



W2x4,6d

IEC 7004-94



W2,1x9,5d

IEC 7004-91



W3x16d

IEC 7004-105



W3x16q

IEC 7004-106



WX3x16d

IEC 7004-105



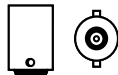
BAX 9s

IEC 7004-8



BAY 9s

IEC 7004-9



BA 9s

IEC 7004-14



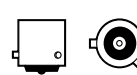
BA 15s

IEC 7004-11A



BA 15d

IEC 7004-11A



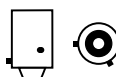
BAU 15s

IEC 7004-11A



BAY 15d

IEC 7004-11B



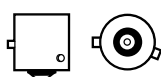
BAW 9s

IEC 7004-149-1



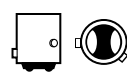
BAW 15d

IEC 7004-11E-1



BAW 15s

IEC 7004-11E11



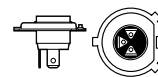
BAZ 15d

IEC 7004-11C



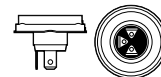
BA20d

IEC 7004-12



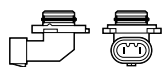
P43t-38

IEC 7004-39



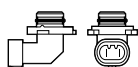
P45t-41

IEC 7004-95



P20d-PY20d

IEC 7004-31



P22d

IEC 7004-32

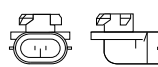


PX22d



PG13

IEC 7004-107



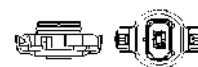
PGJ13

IEC 7004-107



PG18,5d

IEC 7004-147



PG20

IEC 7004-127



PGJ19-1/2

IEC 7004-110



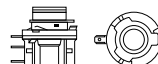
PGJ19-3

IEC 7004-110

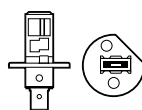


PGJ19-5

IEC 7004-110

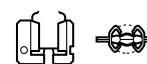


PGJ23t-1



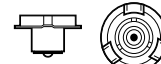
P14,5s

IEC 7004-46

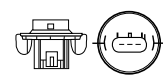


X511

IEC 7004-99

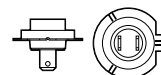


P26s



PX26d,4t

IEC 7004-128-2



PX26d

IEC 7004-5



P29t-PX29t

IEC 7004-66



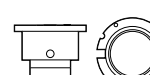
P32d

IEC 7004-111



P32d-2

IEC 7004-111



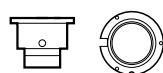
P32d-3

IEC 7004-111



P32d-5

IEC 7004-111



P32d-6

IEC 7004-111



PK32d-2

IEC 7004-111



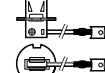
PK32d-3/5/6

IEC 7004-111



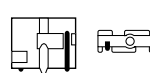
PK32d-7

IEC 7004-111



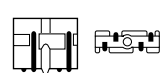
PK22s

IEC 7004-47



W3x16d

IEC 7004-105-1



W3x16q

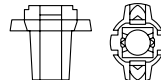
IEC 7004-106-1



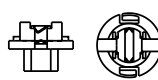
W2,1x9,5d



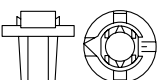
WP3,3x14,5/3



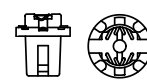
Bax 8,3s



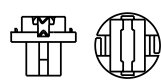
Bax 8,4d



Bax 8,5d/1



Bax 8,5d/2



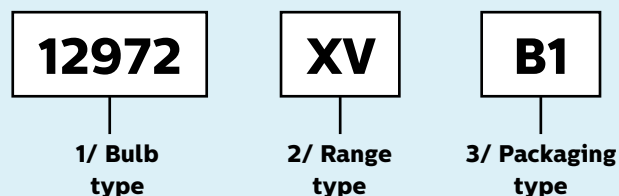
Bax 10d

Understanding Philips **ordering codes**

All our automotive lighting products can be ordered using **Philips Order Entry**.

With Philips Order Entry you can identify the **bulb type**, the **product range** and the **packaging type**.

Example: **12972XVB1**, H7 X-tremeVision, single blister



1/ Bulb type

Every **bulb type** is designated by Philips with a unique number called bulb type.

- All 12V bulbs start with 12 (for example: 12972 for H7 12V)
- All 24V bulbs starting with 13 (for example: 13972 for H7 24V)

2/ Range type

Most bulb types are available in different product **ranges**.

These are indicated by a **color code**. The color code is used on ordering code pages and on Which bulb for which function pages of each section, to indicate the availability of a bulb in a specific product range.

3/ Packaging type



Commercial pack
Material carton
Contents 1 bulb
Contents 10 bulbs
Packaging type C1/CP



Single blister
Material carton/plastic
Contents 1 bulb
Packaging type B1 & BW



Double blister
Material carton/plastic
Contents 2 bulbs
Packaging type B2



Special pack
Material plastic
Contents S2 2 bulbs
Contents SM 4 bulbs
 (2 headlight bulbs,
 2 position bulbs)
Packaging type S2/SM



LED X1/X2 pack
Material carton/plastic
Contents X1 1 bulb
Contents X2 2 bulbs
Packaging types X1/X2

Color code examples

	PremiumVision 30% extra light on the road	Range type PR
	PowerVision 60% more vision	Range type PV
	X-tremeVision 100% more light	Range type XV
	X-tremeVision Plus 130% brighter light	Range type XVP

	LongLife EcoVision Lifetime up to 1500 hours	Range type LLECO
	WhiteVision Intense white xenon effect	Range type WHV
	CrystalVision Bright white 4300K light	Range type CV
	DiamondVision Ultimate white 5000K light	Range type DV
	Standard	

Product index

Part	Type	Volts	Watts	Base	Colour	Kelvin*	Pack	QTY	Page
11005XUX2	LED HB3/4	12V	25W	P20d/P22d		6000K	Hangsell	2	54, 63
11012XUX2	LED HIR2	12V	25W	PX22d		6000K	Hangsell	2	54, 63
11065ULAX2	LED T20	12V	0.75W	WX3x16d		Amber	Hangsell	2	61, 65
11065ULRX2	LED T20	12V	2.7W	WX3x16d		Red	Hangsell	2	61, 65
11065ULWX2	LED T20	12V	1.95W	WX3x16d		6000K	Hangsell	2	61, 65
11066ULRX2	LED T20/5W	12V	2.7W	WX3x16d		Red	Hangsell	2	61, 65
11066ULWX2	LED T20/5W	12V	0.45/1.5W	WX3x16d		6000K	Hangsell	2	61, 65
11067ULWX1	LED T16	12V	2.3W	W2.1x9.5d		6000K	Hangsell	1	61, 65
11172BX2	H7 LED Adaptor Ring Type B						Hangsell	2	58, 64
11172CX2	H7 LED Adaptor Ring Type C						Hangsell	2	58, 64
11342ULX2	LED H4	12V	15.5W	P43t-38		6000K	Hangsell	2	60, 63
11362XUX2	LED H11	12V	22W	PGJ19-2		6000K	Hangsell	2	54, 63
11366ULX2	LED FOG H8/11/16	12V	10.5W	PGJ19-1/2/3		6000K	Hangsell	2	60, 63
11498ULAX2	LED S25	12V	0.75W	BA15s		Amber	Hangsell	2	61, 65
11498ULRX2	LED S25	12V	2.7W	BA15s		Red	Hangsell	2	61, 65
11498ULWX2	LED S25	12V	1.95W	BA15s		6000K	Hangsell	2	61, 65
11499ULRX2	LED S25	12V	2.7W	BA15s		Red	Hangsell	2	61, 65
11499ULWX2	LED S25	12V	0.45/1.5W	BA15s		6000K	Hangsell	2	61, 65
1156	S-8	12V	27W	BA15s			Box	10	23
1157	S-8	12V	27/8.3W	BAY15d			Box	10	23
11854ULWX1	LED Fest 38mm	12V	0.6W	SV8.5-8		6000K	Hangsell	1	62, 66
11860ULWX1	LED Fest 30mm	12V	0.6W	SV8.5-8		6000K	Hangsell	1	62, 66
11864ULWX1	LED Fest 43mm	12V	0.6W	SV8.5-8		6000K	Hangsell	1	62, 66
11961ULWX2	LED T10	12V	0.6W	W2.1x9.5d		6000K	Hangsell	2	61, 62, 65
11972ULX2	LED H7	12V	14W	PX26d		6000K	Hangsell	2	60, 63
12023	H5W	12V	5W	BA9s			Box	10	21, 26
12024	H10W	12V	10W	BA9s			Box	10	21
12025	H20W	12V	20W	BA9s			Box	10	21
12035	H7	12V	80W	PK26d		3200K	Box	1	16
12036	H6W	12V	6W	BAX9s			Box	10	21, 26, 27
12036B2	H6W	12V	6W	BAX9s			Blister	2	21
12036WHVB2	H6W	12V	6W	BAX9s			Blister	2	13, 21
12059	H27W/1	12V	27W	PG13		3200K	Box	1	10, 17
12060	H27W/2	12V	27W	PGJ13		3200K	Box	1	10, 18
12061	W2.3W	12V	2.3W	W2x4.6d			Box	10	24
12065	W21W	12V	21W	W3x16d			Box	10	25, 26, 27, 33
12065B2	W21W	12V	21W	W3x16d			Blister	2	25
12066	W21/5W	12V	21/5W	W3x16d			Box	10	25, 26, 27, 33
12066B2	W21/5W	12V	21/5W	W3x16d			Blister	2	25
12067	W16W	12V	16W	W2.1x9.5d			Box	10	25, 27, 33
12067B2	W16W	12V	16W	W2.1x9.5d			Blister	2	25
12071	WY21W	12V	21W	W3x16d			Box	10	25, 26, 27, 33
12071B2	WY21W	12V	21W	W3x16d			Blister	2	25
12085	PS19W	12V	19W	PG20/1			Box	1	21, 26, 27

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Part	Type	Volts	Watts	Base	Colour	Kelvin*	Pack	QTY	Page
12093	RY10W	12V	10W	BAU15S			Box	10	23, 27
12174NA	PWY24W	12V	24W	WP3.3x14.5/4			Box	1	23
12174SV	PWY24W	12V	24W	WP3.3x14.5/4			Box	1	23
12180SV	PSY24W	12V	24W	PG20/4			Box	1	23
12182	PW24W	12V	24W	WP3.3x14.5/3			Box	1	23
12188NA	PSY24W	12V	24W	PG20/4			Box	1	23
12190	PY24W	12V	24W	PGU20/4			Box	1	23, 26, 27
12256	W3W	12V	3W	W2.1x9.5d			Box	10	25, 26, 27, 33
12256B2	W3W	12V	3W	W2.1x9.5d			Blister	2	25
12258	H1	12V	55W	P14.5s		3200K	Box	1	10, 15
12258CVB1	H1	12V	55W	P14.5s		4300K	Blister	1	13, 15
12258CVSM	H1	12V	55W	P14.5s		4300K	Hangsell	2	13, 15
12258DVS2	H1	12V	55W	P14.5s		5000K	Hangsell	2	14, 15
12258LLECO	H1	12V	55W	P14.5s		3100K	Box	1	12, 15
12258LLECOB1	H1	12V	55W	P14.5s		3100K	Blister	1	12, 15
12258PR	H1	12V	55W	P14.5s		3250K	Box	1	10, 15
12258PRB1	H1	12V	55W	P14.5s		3250K	Blister	1	10, 15
12258PWVB1	H1	12V	55W	P14.5s		3250K	Blister	1	11, 15
12258PWVS2	H1	12V	55W	P14.5s		3250K	Hangsell	2	11, 15
12258WHVSM	H1	12V	55W	P14.5s		3700K	Hangsell	2	13, 15
12258XVB1	H1	12V	55W	P14.5s		3350K	Blister	1	11, 15
12258XVPS2	H1	12V	55W	P14.5s		3700K	Hangsell	2	12, 15
12258XVSM	H1	12V	55W	P14.5s		3350K	Hangsell	2	11, 15
12276	PSX24W	12V	24W	PG20/7			Box	1	22, 26, 27
12277	P13W	12V	13W	PG18.5d-1			Box	1	21, 26
12278	PSX26W	12V	26W	PG18.5d-3			Box	1	23, 26
12311	H2	12V	55W	X511		3200K	Box	1	10, 15
12336	H3	12V	55W	PK22s		3200K	Box	1	10, 15
12336CVSM	H3	12V	55W	PK22s		4300K	Hangsell	2	13, 15
12336DVS2	H3	12V	55W	PK22s		5000K	Hangsell	2	14, 15
12336LLECO	H3	12V	55W	PK22s		3100K	Box	1	12, 15
12336PR	H3	12V	55W	PK22s		3250K	Box	1	10, 15
12336PRB1	H3	12V	55W	PK22s		3250K	Blister	1	10, 15
12336PWVB1	H3	12V	55W	PK22s		3250K	Blister	1	11, 15
12336PWVS2	H3	12V	55W	PK22s		3250K	Hangsell	2	11, 15
12336WHVSM	H3	12V	55W	PK22s		3700K	Hangsell	2	13, 15
12342	H4	12V	60/55W	P43t-38		3200K	Box	1	10, 16
12342CTVBW	H4	12V	60/55W	P43t-38		3250K	Blister	1	30, 32
12342CVB1	H4	12V	60/55W	P43t-38		4300K	Blister	1	13, 16
12342CVSM	H4	12V	60/55W	P43t-38		4300K	Hangsell	2	13, 16
12342CVUBW	H4	12V	60/55W	P43t-38		3700K	Blister	1	31, 32
12342DVS2	H4	12V	60/55W	P43t-38		5000K	Hangsell	2	14, 16
12342LLECO	H4	12V	60/55W	P43t-38		3100K	Box	1	12, 16
12342LLECOB1	H4	12V	60/55W	P43t-38		3100K	Blister	1	12, 16

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Part	Type	Volts	Watts	Base	Colour	Kelvin*	Pack	QTY	Page
12342PR	H4	12V	60/55W	P43t-38		3250K	Box	1	10, 16
12342PRB1	H4	12V	60/55W	P43t-38		3250K	Blister	1	10, 16
12342PRBW	H4	12V	60/55W	P43t-38		3350K	Blister	1	30, 32
12342PWVB1	H4	12V	60/55W	P43t-38		3250K	Blister	1	11, 16
12342PWVS2	H4	12V	60/55W	P43t-38		3250K	Hangsell	2	11, 16
12342PRTP	H4	12V	60/55W	P43t-38		3200K	Box	40	16
12342WHVSM	H4	12V	60/55W	P43t-38		3700K	Hangsell	2	13, 16
12342XVB1	H4	12V	60/55W	P43t-38		3350K	Blister	1	11, 16
12342XVPBW	H4	12V	60/55W	P43t-38		3400K	Blister	1	31, 32
12342XVPS2	H4	12V	60/55W	P43t-38		3700K	Hangsell	2	12, 16
12342XVSM	H4	12V	60/55W	P43t-38		3350K	Hangsell	2	11, 16
12356	H21W	12V	21W	BAY9s			Box	10	21, 26, 27
12358	HB4	12V	70W	P22d		3200K	Box	1	18
12358B1	HB4	12V	70W	P22d		3200K	Blister	1	18
12359	HB3A	12V	100W	P20d		3200K	Box	1	18
12359B1	HB3A	12V	100W	P20d		3200K	Blister	1	18
12360	H8	12V	35W	PGJ19-1		3200K	Box	1	10, 16
12360CVSM	H8	12V	35W	PGJ19-1		4300K	Hangsell	2	13, 16
12360DVS2	H8	12V	35W	PGJ19-1		5000K	Hangsell	2	14, 16
12360WHVSM	H8	12V	35W	PGJ19-1		3700K	Hangsell	2	13, 16
12361	H9	12V	65W	PGJ19-5		3200K	Box	1	10, 17
12361WHVS2	H9	12V	65W	PGJ19-5		3700K	Hangsell	2	13, 17
12362	H11	12V	55W	PGJ19-2		3200K	Box	1	10, 17
12362CVB1	H11	12V	55W	PGJ19-2		4300K	Blister	1	13, 17
12362CVSM	H11	12V	55W	PGJ19-2		4300K	Hangsell	2	13, 17
12362DVS2	H11	12V	55W	PGJ19-2		5000K	Hangsell	2	14, 17
12362LLECO	H11	12V	55W	PGJ19-2		3100K	Box	1	12, 17
12362LLECOB1	H11	12V	55W	PGJ19-2		3100K	Blister	1	12, 17
12362PRB1	H11	12V	55W	PGJ19-2		3250K	Blister	1	10, 17
12362PWVB1	H11	12V	55W	PGJ19-2		3250K	Blister	1	11, 17
12362PWVS2	H11	12V	55W	PGJ19-2		3250K	Hangsell	2	11, 17
12362WHVSM	H11	12V	55W	PGJ19-2		3700K	Hangsell	2	13, 17
12362XVB1	H11	12V	55W	PGJ19-2		3350K	Blister	1	11, 17
12362XVSM	H11	12V	55W	PGJ19-2		3350K	Hangsell	2	11, 17
12366	H16	12V	19W	PGJ19-3		3200K	Box	1	10, 17
12369	H4	12V	130/90W	P45t-41		3200K	Blister	1	16
12396	WY5W	12V	5W	W2.1x9.5d			Box	10	25, 26, 33
12396B2	WY5W	12V	5W	W2.1x9.5d			Blister	2	25
12410	D5S	12V	25W	PK32d-7		4300K	Box	1	47, 51
12454	H1	12V	100W	P14.5s		3200K	Box	1	15
12454B1	H1	12V	100W	P14.5s		3200K	Blister	1	15
12455	H3	12V	100W	PK22s		3200K	Box	1	15
12455B1	H3	12V	100W	PK22s		3200K	Blister	1	15
12459	H4	12V	130/90W	P43t-38		3200K	Box	1	16

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Part	Type	Volts	Watts	Base	Colour	Kelvin*	Pack	QTY	Page
12459B1	H4	12V	130/90W	P43t-38		3200K	Blister	1	16
12495	P21/5W	12V	21/5W	BAW15d			Box	10	23, 27
12496	PY21W	12V	21W	BAU15s			Box	10	23, 26, 27
12496B2	PY21W	12V	21W	BAU15s			Blister	2	23
12496LLECO	PY21W	12V	21W	BAU15s			Box	10	12, 23
12496SVB2	PY21W	12V	21W	BAU15s			Blister	2	23
12498	P21W	12V	21W	BA15s			Box	10	22, 26, 27
12498B2	P21W	12V	21W	BA15s			Blister	2	22
12498LLECO	P21W	12V	21W	BA15s			Box	10	12, 22
12498TP	P21W	12V	21W	BA15s			Box	40	22
12499	P21/5W	12V	21/5W	BAY15d			Box	10	23, 27
12499B2	P21/5W	12V	21/5W	BAY15d			Blister	2	23
12499LLECO	P21/5W	12V	21/5W	BAY15d			Box	10	12, 23
12499TP	P21/5W	12V	21/5W	BAY15d			Box	40	23
12505	W2W	12V	2W	W2x4.6d			Box	10	24
12516	W1.2W	12V	1.2W	W2x4.6d			Box	10	24
12516B2	W1.2W	12V	1.2W	W2x4.6d			Blister	2	24
12568	H4	12V	100/90W	P45t-41		3200K	Box	1	16
12569	H4	12V	100/90W	P43t-38		3200K	Box	1	16
12569B1	H4	12V	100/90W	P43t-38		3200K	Blister	1	16
12580	H15	12V	55/15W	PGJ23T-1		3200K	Box	1	10, 17
12594	P21/4W	12V	21/4W	BAZ15d			Box	10	23, 27
12594B2	P21/4W	12V	21/4W	BAZ15d			Blister	2	23
12597	BAX8.3s	12V	1.2W	BAX8.3s/1.35	Black		Box	10	20
12600	BAX8.5d	12V	2W	BAX8.5d/2y	Green		Box	10	20
12602	BAX8.3s	12V	2W	BAX8.3s/1.5	Blue		Box	10	20
12604	BAX8.5d	12V	2W	BAX8.5d	Green		Box	10	20
12614	BAX10d Hal	12V	3W	BAX10d	Brown		Box	10	20
12615	BAX10d Hal	12V	5W	BAX10d	Black		Box	10	20
12623	BAX8.4d	12V	1.2W	BAX8.4d	Light Blue		Box	10	20
12624	BAX8.4d	12V	1.1W	BAX8.4d	Onge		Box	10	20
12625	BAX8.4d	12V	1.2W	BAX8.4d	Black		Box	10	20
12626	BAX8.4d	12V	2W	BAX8.4d	Light Green		Box	10	20
12627	BAX8.4d	12V	1.5W	BAX8.4d	Beige		Box	10	20
12629	BAX8.4d	12V	1.8W	BAX8.4d	Beige		Box	10	20
12636	HS1	12V	35/35W	PX43t		3350K	Box	1	32
12636BW	HS1	12V	35/35W	PX43t		3350K	Blister	1	30, 32
12636CTVBW	HS1	12V	35/35W	PX43t		3250K	Blister	1	30, 32
12637	BAX8.5d	12V	1.5W	BAX8.5d	Beige		Box	10	20
12638	BAX8.5d	12V	1.12W	BAX8.5d	White		Box	10	20
12728	S2	12V	35/35W	BA20d			Box	1	23
12763X2	LED T20	12V	5.5W	WX3x16d		Amber	Hangsell	2	56, 65
12764X2	LED S25	12V	4.3W	BAU15s		Amber	Hangsell	2	56, 65
12768X2	LED T20/5W	12V	0.36/1.97W	WX3x16d		Red	Hangsell	2	55, 65

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Part	Type	Volts	Watts	Base	Colour	Kelvin*	Pack	QTY	Page
12793X2	LED FOG H8/11/16	12V	10W	PGJ19-1/2/3		2700K	Hangsell	2	54, 63
12795X2	LED T20	12V	3W	WX3x16d		6000K	Hangsell	2	56, 65
127996000KX2	LED T10	12V	0.9W	W2.1x9.5d		6000K	Hangsell	2	55, 57, 65
127996500KX2	LED T10	12V	0.9W	W2.1x9.5d		6500K	Hangsell	2	55, 57, 65
12814	R10W	12V	10W	BA15s			Box	10	23, 27
12814B2	R10W	12V	10W	BA15s			Blister	2	23
12821	R5W	12V	5W	BA15s			Box	10	23, 26, 27
12821B2	R5W	12V	5W	BA15s			Blister	2	23
12821ILLECO	R5W	12V	5W	BA15s			Box	10	12, 23
12822	R5W	12V	5W	BA15d			Box	10	23
12834X2	LED FOG H8/11/16	12V	10W	PGJ19-1/2/3		6000K	Hangsell	2	54, 63
12844	C5W	12V	5W	SV8.5			Box	10	20, 26
12844B2	C5W	12V	5W	SV8.5			Blister	2	20
12854	T10, 5x38	12V	10W	SV8.5			Box	10	20
12854B2	T10, 5x38	12V	10W	SV8.5			Blister	2	20
12860LLECO	T10, 5x30	12V	10W	SV8.5			Box	10	12, 20
12864	T10, 5x43	12V	5W	SV8.5			Box	10	21
12866	T10, 5x43	12V	10W	SV8.5			Box	10	21, 26
12866B2	T10, 5x43	12V	10W	SV8.5			Blister	2	21
12898RX2	LED S25	12V	1.9W	BA15s		Red	Hangsell	2	55, 65
12898X2	LED S25	12V	4.3W	BA15s		6000K	Hangsell	2	56, 65
12910	T3W	12V	3W	BA9s			Box	10	24, 33
12913	T2W	12V	2W	BA9s			Box	10	24, 33
12929	T4W	12V	4W	BA9s			Box	10	24, 26, 27, 33
12929B2	T4W	12V	4W	BA9s			Blister	2	24
129416000KX1	LED Fest 30mm	12V	0.75W	SV8.5		6000K	Hangsell	1	57, 66
129446000KX1	LED Fest 38mm	12V	0.75W	SV8.5		6000K	Hangsell	1	57, 66
12953BWX2	LED H4	12/24V	23W	P43t-38		6000K	Hangsell	2	54, 63
12956X2	LED 5W CANbus	12V		CANbus			Hangsell	2	58, 64
129576000KX1	LED Reading Light	12V	0.9W	SV8.5-8		6000K	Hangsell	1	57, 66
12957ULWX1	Reading Light	12V	0.9W	SV8.5-8		6000K	Hangsell	1	62, 66
12960	W2.2W	12V	2.2W	W2.1x9.5d			Box	10	24
12961	W5W	12V	5W	W2.1x9.5d			Box	10	25, 26, 27, 33
12961B2	W5W	12V	5W	W2.1x9.5d			Blister	2	25
12961ILLECO	W5W	12V	5W	W2.1x9.5d			Box	10	12, 25
12961TP	W5W	12V	5W	W2.1x9.5d			Box	40	25
12961WHVB2	W5W	12V	5W	W2.1x9.5d			Blister	2	13, 25
12972	H7	12V	55W	PX26d		3200K	Box	1	10, 16
12972CTVBW	H7	12V	55W	PX26d		3250K	Blister	1	30, 32
12972CVB1	H7	12V	55W	PX26d		4300K	Blister	1	13, 16
12972CVSM	H7	12V	55W	PX26d		4300K	Hangsell	2	13, 16
12972CVUBW	H7	12V	55W	PX26d		3700K	Blister	1	31, 32
12972DVS2	H7	12V	55W	PX26d		5000K	Hangsell	2	14, 16
12972LLECO	H7	12V	55W	PX26d		3100K	Box	1	12, 16

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Part	Type	Volts	Watts	Base	Colour	Kelvin*	Pack	QTY	Page
12972LLECOB1	H7	12V	55W	PX26d		3100K	Blister	1	12, 16
12972PR	H7	12V	55W	PX26d		3250K	Box	1	10, 16
12972PRB1	H7	12V	55W	PX26d		3250K	Blister	1	10, 16
12972PRBW	H7	12V	55W	PX26d		3350K	Blister	1	30, 32
12972PWVB1	H7	12V	55W	PX26d		3250K	Blister	1	11, 16
12972PWVS2	H7	12V	55W	PX26d		3250K	Hangsell	2	11, 16
12972TP	H7	12V	55W	PX26d		3200K	Box	45	16
12972WHVSM	H7	12V	55W	PX26d		3700K	Hangsell	2	13, 16
12972XVB1	H7	12V	55W	PX26d		3350K	Blister	1	11, 16
12972XVPBW	H7	12V	55W	PX26d		3400K	Blister	1	31, 32
12972XVPS2	H7	12V	55W	PX26d		3700K	Hangsell	2	12, 16
12972XVSM	H7	12V	55W	PX26d		3350K	Hangsell	2	11, 16
12985BWX2	LED H7	12V	25W	PX26d		6000K	Hangsell	2	54, 63
13256	W3W	24V	3W	W2.1x9.5d			Box	10	36, 41, 42
13258	H1	24V	70W	P14.5s		3200K	Box	1	36, 38, 42
13258B1	H1	24V	70W	P14.5s		3200K	Blister	1	38
13258ML	H1	24V	70W	P14.5s		3200K	Box	1	36, 38
13336	H3	24V	70W	PK22s		3200K	Box	1	36, 38, 42
13336ML	H3	24V	70W	PK22s		3200K	Box	1	36, 38
13342	H4	24V	75/70W	P43t-38		3200K	Box	1	36, 38, 42
13342B1	H4	24V	75/70W	P43t-38		3200K	Blister	1	38
13342MDBVB1	H4	24V	75/70W	P43t-38		3500K	Blister	1	37, 38
13342ML	H4	24V	75/70W	P43t-38		3200K	Box	1	36, 38
13342TP	H4	24V	75/70W	P43t-38		3200K	Box	1	38
13496ML	PY21W	24V	21W	BAU15s			Box	10	36, 40
13498	P21W	24V	21W	BA15s			Box	10	36, 39, 42
13498TP	P21W	24V	21W	BA15s			Box	40	39
13499	P21/5W	24V	21/5W	BAY15d			Box	10	36, 40, 42
13499TP	P21/5W	24V	21/5W	BAY15d			Box	40	40
13516	W1.2W	24V	1.2W	W2x4.6d			Box	10	36, 41, 42
13555	H4	24V	75/70W	P45t-41		3200K	Box	1	36, 38
13555TP	H4	24V	75/70W	P45t-41		3200K	Box	40	38
13597	BAX8.3s	24V	1.2W	BAX8.3s/1.35	Grey		Box	10	36, 39
13598	BAX8.5d	24V	1.2W	BAX8.5d/2	Grey		Box	10	36, 39
13620	R2	24V	55/50W	P45t-41		3200K	Box	1	36, 38, 42
13628	H3	24V	100W	PK22s		3000K	Box	1	37, 38
13814	R10W	24V	10W	BA15s			Box	10	36, 40, 42
13818	T6, 2x27	24V	3W	SV6			Box	10	36, 39
13821	R5W	24V	5W	BA15s			Box	10	36, 40, 42
13821ML	R5W	24V	5W	BA15s			Box	10	36, 40
13822	R5W	24V	5W	BA15d			Box	10	36, 40
13844	C5W	24V	5W	SV8.5			Box	10	36, 39, 42
13854	T10, 5x38	24V	10W	SV8.5			Box	10	36, 39
13864	T10, 5x43	24V	5W	SV8.5			Box	10	36, 39

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Part	Type	Volts	Watts	Base	Colour	Kelvin*	Pack	QTY	Page
13866	T10, 5x43	24V	10W	SV8.5			Box	10	36, 39
13910	T3W	24V	3W	BA9s			Box	10	36, 40
13913	T2W	24V	2W	BA9s			Box	10	36, 40
13929	T4W	24V	4W	BA9s			Box	10	36, 40, 42
13929ML	T4W	24V	4W	BA9s			Box	10	36, 40
13960	W2.5W	24V	2.5W	W2.1x9.5d			Box	10	36, 41
13961	W5W	24V	5W	W2.1x9.5d			Box	10	36, 41, 42
13972	H7	24V	70W	PX26d		3200K	Box	1	36, 38, 42
13972B1	H7	24V	70W	PX26d		3200K	Blister	1	36, 38
13972MDBVB1	H7	24V	70W	PX26d		3500K	Blister	1	37, 38
13972MDBVS2	H7	24V	70W	PX26d		3500K	Hangsell	2	37, 38
13972ML	H7	24V	70W	PX26d		3200K	Box	1	36, 38
18952C2	LED H7 CANbus	12V		CANbus			Hangsell	2	58, 64
18954C2	LED H8/11/16 CANbus	12V		CANbus			Hangsell	2	58, 64
18956C2	LED HB3/4/HIR2 CANbus	12V		CANbus			Hangsell	2	58, 64
18957X2	LED 21W CANbus	12V		CANbus			Hangsell	2	58, 64
18960C2	LED H4 CANbus	12V		CANbus			Hangsell	2	58, 64
24029	BAX8.5d	24V	1.2W	BAX8.5d/2	Yellow		Box	10	36, 39
24356	H21W	24V	21W	BAY9s			Box	10	36, 39, 42
24362ML	H11	24V	70W	PGJ19-2		3200K	Box	1	36, 38
24568	H4	24V	100/90W	P45t-41		3000K	Box	1	37, 38
24569	H4	24V	100/90W	P43t-38		3000K	Box	1	37, 38
3156ULWX2	S8	12V	1.95W	W2.5x16d		6000K	Hangsell	2	62, 66
3157	S-8	12V	27/8.3W	W2.5x16q			Box	10	23
3157NA	S-8	12V	27/8.3W	W2.5x16q			Box	10	23
3157ULAX2	S8	12V	0.75W	W2.5x16d		Amber	Hangsell	2	66
3157ULRX2	S8	12V	2.7W	W2.5x16d		Red	Hangsell	2	66
3157ULWX2	S8	12V	0.45/1.5W	W2.5x16d		6000K	Hangsell	2	61, 66
42402	D4S	42V	35W	P32d-5		4300K	Box	1	47, 51
42402XV2	D4S	42V	35W	P32d-5		4800K	Blister	1	48, 51
42403	D3S	42V	35W	PK32d-5		4300K	Box	1	47, 51
42403WHV2	D3S	42V	35W	PK32d-5		5000K	Blister	1	49, 51
42403XV2	D3S	42V	35W	PK32d-5		4800K	Blister	1	48, 51
42406	D4R	42V	35W	P32d-6		4300K	Box	1	47, 51
56640SF	D1S Dummy Retail Pack						Blister	1	48, 50
56641SF	D2S Dummy Retail Pack						Blister	1	48, 50
56642SF	D3S Dummy Retail Pack						Blister	1	48, 51
56643SF	D1S Dummy Retail Pack						Blister	1	48, 50
56644SF	D2S Dummy Retail Pack						Blister	1	48, 50
56645SF	D2R Dummy Retail Pack						Blister	1	48, 50
56646SF	D3S Dummy Retail Pack						Blister	1	48, 51
56647SF	D4S Dummy Retail Pack						Blister	1	48, 51
85122	D2S	85V	35W	P32d-2		4300K	Box	1	50
85122WHV2	D2S	85V	35W	P32d-2		5000K	Blister	1	49, 50

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Part	Type	Volts	Watts	Base	Colour	Kelvin*	Pack	QTY	Page
85122XV2	D2S	85V	35W	P32d-2		4800K	Blister	1	48, 50
85126	D2R	85V	35W	P32d-3		4300K	Box	1	47, 50
85126WHV2	D2R	85V	35W	P32d-3		5000K	Blister	1	49, 50
85126XV2	D2R	85V	35W	P32d-3		4800K	Blister	1	48, 50
85415	D1S	85V	35W	PK32d-2		4300K	Box	1	47, 50
85415WHV2	D1S	85V	35W	PK32d-2		5000K	Blister	1	49, 50
85415XV2	D1S	85V	35W	PK32d-2		4800K	Blister	1	48, 50
85988X2	D1	85V	35W	Ballast			Box	2	47, 50
9004PR	HB1	12V	65/45W	P29t		3250K	Box	1	10, 19
9004PRB1	HB1	12V	65/45W	P29t		3250K	Blister	1	10, 19
9004	HB1	12V	100/80W	P29t		3200K	Box	1	19
9005CVSM	HB3	12V	65W	P20d		4300K	Hangsell	2	13, 18
9005DVS2	HB3	12V	65W	P20d		5000K	Hangsell	2	14, 18
9005PR	HB3	12V	65W	P20d		3250K	Box	1	10, 18
9005PRB1	HB3	12V	65W	P20d		3250K	Blister	1	10, 18
9005WHVSM	HB3	12V	65W	P20d		3700K	Hangsell	2	13, 18
9005XSB1	HB3A	12.8V	65W	P20d		3200K	Blister	1	10, 18
9005XVB1	HB3	12V	65W	P20d		3350K	Blister	1	11, 18
9005XVSM	HB3	12V	65W	P20d		3350K	Hangsell	2	11, 18
9006CVSM	HB4	12V	55W	P22d		4300K	Hangsell	2	13, 18
9006DVS2	HB4	12V	55W	P22d		5000K	Hangsell	2	14, 18
9006PR	HB4	12V	55W	P22d		3250K	Box	1	10, 18
9006PRB1	HB4	12V	55W	P22d		3250K	Blister	1	10, 18
9006WHVSM	HB4	12V	55W	P22d		3700K	Hangsell	2	13, 18
9006XSB1	HB4A	12.8V	55W	P22d		3200K	Blister	1	10, 18
9006XVB1	HB4	12V	55W	P22d		3350K	Blister	1	11, 18
9006XVSM	HB4	12V	55W	P22d		3350K	Hangsell	2	11, 18
9007PRB1	HB5	12V	65/55W	PX29t		3350K	Blister	1	10, 19
9008	H13	12V	60/55W	P26.4T		3200K	Box	1	10, 17
9011	HIR1	12V	65W	PX20d		3200K	Box	1	10, 19
9012	HIR2	12V	55W	PX22d		3200K	Box	1	10, 19
9145	H10	12V	45W	PY20d		3200K	Box	1	10, 17
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