

TUNGSRAM™

Innovation is our heritage
EST. 1896

Automotive Lamp Catalogue

Catalogue Lampes Auto
Kfz-Lampen Katalog
Catalógo Lampade Automotive
Catálogo Lámparas de Automoción

2020

automotive.tungsr.com



Welcome to TUNGSRAM

Tungsrám, one of Europe's most iconic lighting brands, is today an independent, privately-owned company and a leading force in the global lighting market.

The legal predecessor of Tungsrám, the United Incandescent Lamps and Electric Ltd. was founded in **1896**.

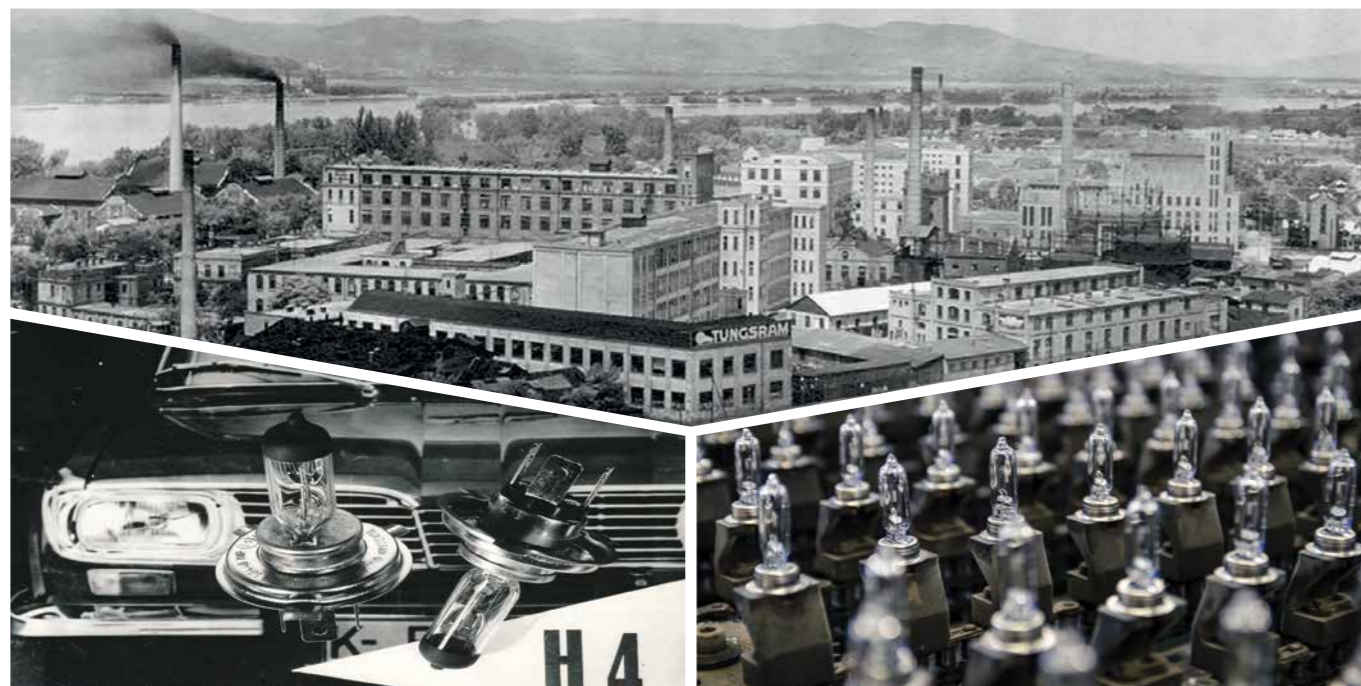
Tungsrám contributed to the technological improvement in the lighting and telecommunication industry with significant improvements such as the development of the tungsten wire for light bulbs or the great crystal tungsten filament which made lamps more resistant and reliable.

In the **1930s**, Tungsrám was the largest light bulb and radio valve manufacturer in Central Europe, third largest in continental Europe.

After WWII, beyond keeping up with technological development in the core lighting business, building up large-scale TV- and electron tube production and making inroads into microelectronics, Tungsrám grew to a provider of vacuum technology machinery and turn-key light source factories especially in socialist and emerging countries.

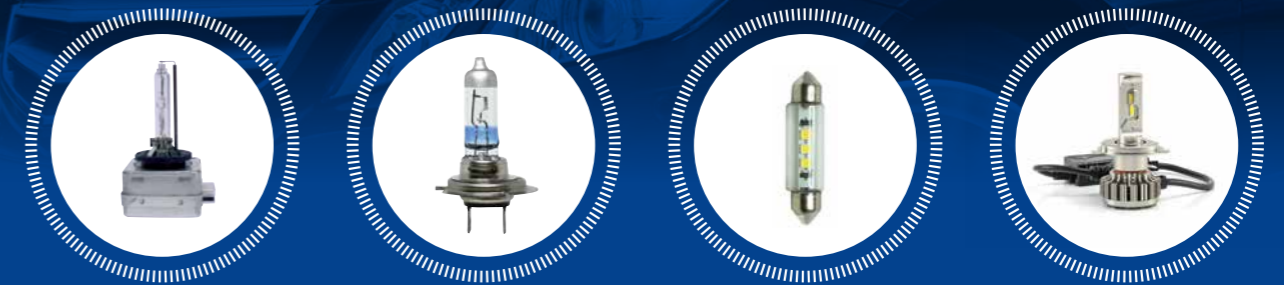
In **1989** and in some steps thereafter, General Electric acquired the shares of the already privatized Tungsrám Ltd.

Tungsrám name has always been highly respected. The Tungsrám Group, based in Hungary, has been developing and manufacturing premium lighting products for residential, commercial and automotive applications for over a century. This heritage has now entered an exciting new phase in **2018**, following our acquisition of GE Lighting's Europe, Middle East, Africa and Turkey operation, together with GE's Global Automotive Lighting business.



Our new company will drive forward the design and development of all kinds of light sources, from traditional technologies to state of the art LED products, and will secure Tungsrám's position as a global force in lighting solutions.

Its manufacturing expertise is based on a tradition of creativity and innovation. The combined knowledge of its 4,000 dedicated employees and 1,600 worldwide vendor partners is the irresistible force that drives the production in five Europe-based manufacturing facilities.



Tungsrám's range of products are all developed in close collaboration with automotive manufacturers from across the Globe

Not only does this guarantee that our products meet the highest quality standards of every make and model of vehicle on the road today, it also means that customers will have access to high-quality, affordable replacement parts.

Tungsrám automotive lamps significantly improve visibility and safety for drivers - keeping in mind the design principle „see and be seen“. As well as the basic range, Tungsrám Automotive offers the premium range, based on special lamp designs - providing more light on the road. The premium lamps are also E1 marked, making their use on the EU roads possible. The main objective when developing the premium lamps is to effectively help in improving driving performance at night time & in poor visibility conditions, maximizing driver's visibility, reducing the risk of road accidents.

Our constant quality aim is Zero Defects. This involves designing quality into the lamps leading to suitability and reliability with a high standard of quality equalling that of the manufacturing technologies.

Our lamps are manufactured to strict international standards and appropriately marked in conformance with E.C.E. regulations or with other standards (DIN, ANSI).

Our renowned automotive lighting ranges include basic and premium lamps for original equipment and aftermarket, and we supply products for all major auto brands.



ISO 9001,
IATF 16949



ECE compliance,
homologation



Global OEM
customer base



Use of UV cut glass,
safe for use in plastic
headlights



EoLV
compliance

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Legend

ECE category	Tungram type nr	pack unit	lifetime	rated wattage	base	figure	product code	EAN code

Tungram Automotive Lamps

front light

D1S D1R D2S D2R D3S D3R D4S D4R H1 H3 H4 H7 H9 H11 HB3 HB4

side turn signals

W5W WY5W T4W

parking light

T4W W5W W5W NB H6W

fog light

H1 H3 H7 H8 H10 H11

side signals, warning lights

P21W PY21W W21W WY21W

dashboard and interior light

W5W W3W 1.2W T4W C5W fest 10W H6W LED 60140 LED 60200 LED 60210 60170 60230 60240

parking lights

R5W R10W P21/5W P21/4W W21/5W

CHMSL stop light

W5W W16W

license plate

R5W C5W W5W T4W

side signals, warning lights

P21W PY21W W21W WY21W

trunk light

R5W C5W fest 10W

stop lights

P21W P21/5W P21/4W W21/5W W21W

fog lights

P21W W21W

reverse light

P21W W16W W21W

LED Retrofit Headlight lamps

Designed for passionate people looking for adventure at racing performance

Superior visibility and comfort for the eye

Better detection of signs and obstacles

Daylight in the night - 6000-Kelvin colour temperature for cool white light

Long-lasting LED - durable headlights, that can last as long as your car. Install once, no more need for replacement

Up to 150% more light ahead – fan free design

Up to 200% more light ahead

FOR OFFROAD USE – ENJOY RACING



Conçu pour les passionnés à la recherche d'aventure dans les courses

- Visibilité supérieure et confort pour les yeux
- Meilleure détection des signes et des obstacles
- Lumière du jour dans la nuit - température de couleur de 6000 Kelvin pour une lumière blanche froide
- LED longue durée - phares durables pouvant durer aussi longtemps que votre voiture.
- Megalight +200 - jusqu'à 200% de lumière en plus, luminosité exceptionnelle
- Megalight +150 - jusqu'à 150% de lumière en plus, conception de refroidissement sans ventilateur



Entwickelt für leidenschaftliche Menschen die Erlebnisse bei der Rennsportausübung suchen

- Überragende Sicht und angenehm für die Augen
- Besseres Erfassen von Hindernissen und Verkehrszeichen
- Tageslicht bei Nacht - 6000 Kelvin Farbtemperatur für kaltes weißes Licht
- Langlebige LED - langlebiges Leuchtmittel das ein Autoleben halten kann
- Bis zu 200% mehr Licht auf der Straße, außerordentliche Helligkeit
- Bis zu 150% mehr Licht auf der Straße mit hervorragendem Kühlkörper-Design ohne Lüfter



Diseñado para todos aquellos que buscan aventuras apasionantes y un mayor rendimiento en la velocidad.

- Visibilidad superior y un mejor confort de visión
- Mejora en la detección de señales y obstáculos
- Luz diurna en la oscuridad: temperatura de color de 6000-Kelvin con una luz blanca y fría.
- LED de larga duración - La vida de las luces de sus faros pueden durar tanto como su automóvil
- Megalight +200 - hasta un 200% más de luz en visión delantera con un brillo extra
- Megalight +150 - hasta un 150% más de luz en visión delantera con un diseño de enfriamiento superior sin ventilador



Progettate per appassionati che cercano l'avventura a livello di competizione

- Visibilità e confort superiori
- Migliore rilevamento di segnali ed ostacoli
- Luce diurna nella notte - Temperatura di colore di 6000K per una luce bianca fredda
- LED a lunga durata: possono durare quanto la tua auto
- Megalight +200: fino al 200% di luce in più, luminosità eccezionale
- Megalight +150: fino al 150% di più di luce in più, innovativo design di raffreddamento senza ventola

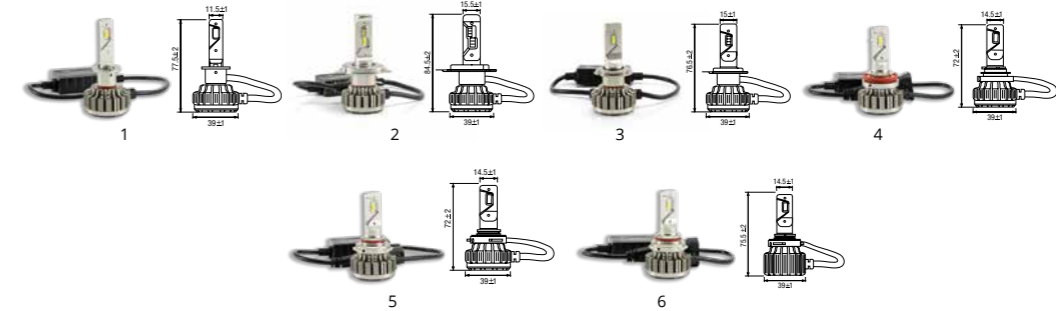
OFF ROAD



12V

LED Retrofit Headlight lamps

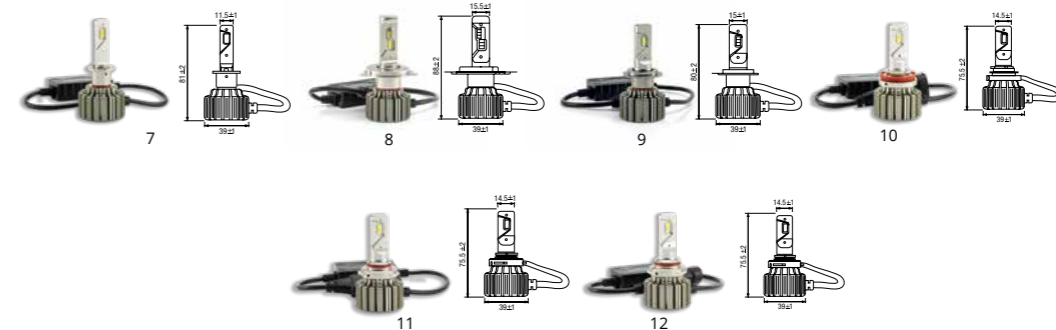
Type	REPLACEMENT	CCT (K)	W	Diagram	Fig.	SKU	EAN
Megalight LED +200							
60410	H1	6000	24	P14,5s	PB2	1/4/24 set	1 93115660 5994100044260
60430	H4	6000	24	P43t	PB2	1/4/24 set	2 93115173 5994100036173
60450	H7	6000	24	PX26d	PB2	1/4/24 set	3 93115175 5994100036197
60490	H8/H11	6000	24	PGJ19-1/2	PB2	1/4/24 set	4 93115662 5994100044284
60530	HB3	6000	24	P20d	PB2	1/4/24 set	5 93115664 5994100044307
60550	HB4	6000	24	P22d	PB2	1/4/24 set	6 93115676 5994100044529



Up to 200% more light ahead exceptional brightness

LED Retrofit Headlight lamps

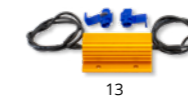
Type	REPLACEMENT	CCT (K)	W	Diagram	Fig.	SKU	EAN
Megalight LED +150							
60400	H1	6000	18	P14,5s	PB2	1/4/24 set	7 93115659 5994100044253
60420	H4	6000	18	P43t	PB2	1/4/24 set	8 93115172 5994100036166
60440	H7	6000	18	PX26d	PB2	1/4/24 set	9 93115174 5994100036180
60480	H8/H11	6000	18	PGJ19-1/2	PB2	1/4/24 set	10 93115661 5994100044277
60520	HB3	6000	18	P20d	PB2	1/4/24 set	11 93115663 5994100044291
60540	HB4	6000	18	P22d	PB2	1/4/24 set	12 93115665 5994100044512



Up to 150% more light ahead superior cooling design without fan

Warning canceller

Type	W	Diagram	Fig.	SKU	EAN
Canbus	55	B1	1/4	13	93117210 5994100056829



13

LED Retrofit Miniature lamps

Brighter, long lasting alternatives to traditional bulbs

Produces a white, brighter light, ideal for improving the look of a vehicle.

Energy saving and long lasting compared to incandescent bulbs.

Internal or off-road external use only.



Alternatives plus lumineuses et durables comparées aux ampoules traditionnelles

- Produit une lumière blanche et plus brillante, idéale pour améliorer l'apparence d'un véhicule.
- Économie d'énergie et longue durée par rapport aux lampes incandescentes.
- Usage interne ou externe hors route uniquement.



Hellere und langlebigere Alternativen zu herkömmlichen Lampen

- Erzeugt ein weißes, helleres Licht, ideal um das Aussehen des Fahrzeugs zu verbessern.
- Energiesparend und langlebiger im Vergleich zu herkömmlichen Glühlampen.
- Für die Verwendung im Kfz-Innenraum oder externe Anwendungen ohne Straßenzulassung.



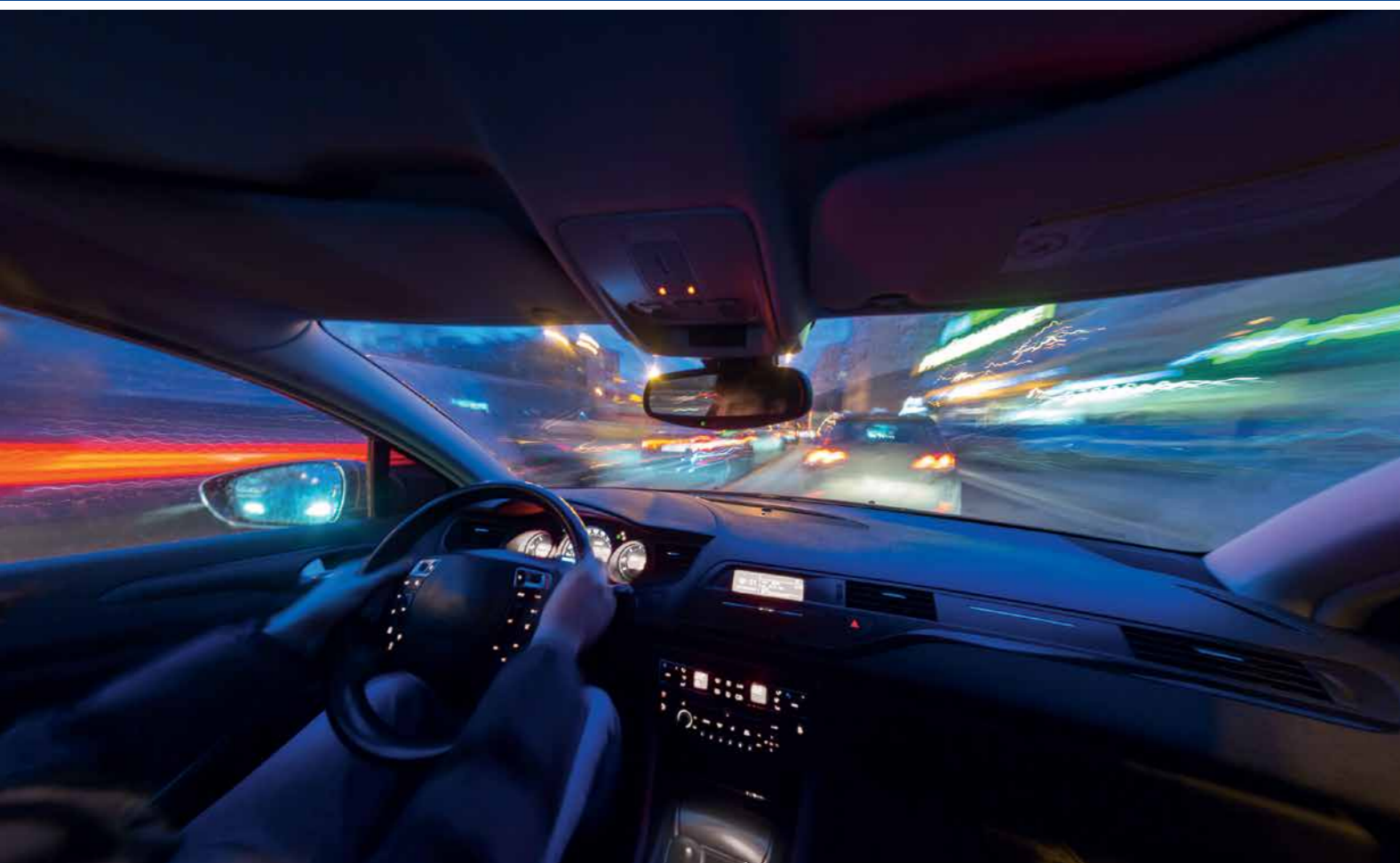
Alternativas más brillantes y duraderas a las lámparas tradicionales

- Refleja una luz blanca más brillante, ideal para mejorar la visión del vehículo.
- Ahorro de energía y larga duración en comparación con lámparas incandescentes.
- De uso exclusivo para interior del vehículo o en vías no oficiales.



Alternative più luminose e durature alle lampade tradizionali

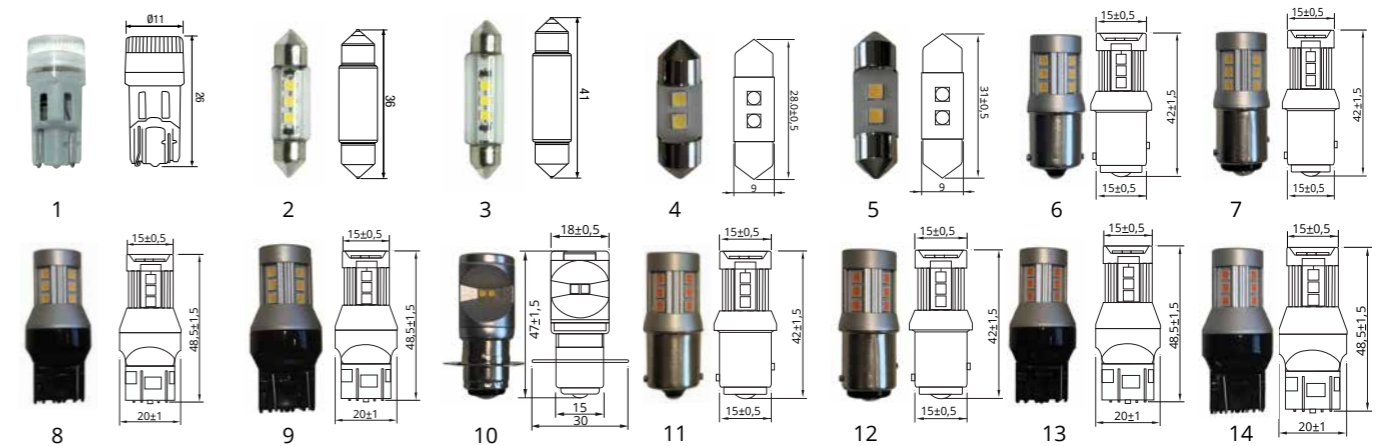
- Luce bianca, più luminosa, ideale per migliorare l'aspetto della vostra auto.
- Risparmio energetico e maggiore durata rispetto alle lampadine ad incandescenza.
- Esclusivamente per uso interno abitacolo ed "off road".



12V

LED Retrofit Miniature lamps

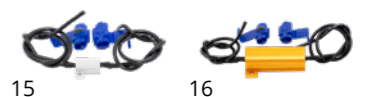
Type	REPLACEMENT	CCT (K)	W	W	W	Fig.	SKU	EAN	
60140	W3W, W5W	4000	0.5	W2.1x9.5d	BL2	2/20	1	93080380	0064894584053
60200	C5W	4000	0.5	SV8.5-8	BL1	1/10	2	93108744	5994100010258
60210	DIN72601K	4000	0.5	SV8.5-8	BL1	1/10	3	93095655	5994100006909
60570	Festoon 28mm	4000	0.7	SV7	BL1	1/10	4	93116981	5994100054276
60590	Festoon 31mm	4000	0.7	SV8.5-8	BL1	1/10	5	93116983	5994100054290
60630	P21W	4000	3	Ba15s	BL1	1/10	6	93116985	5994100054818
60650	P21/5W	4000	3/0.55	BAY15d	BL1	1/10	7	93117017	5994100054832
60690	W21W	4000	3	W3x16d	BL1	1/10	8	93117021	5994100054870
60710	W21/5W	4000	3/0.55	W3x16q	BL1	1/10	9	93117023	5994100054894
60790	M5	4000	5	P15d-25-1	BL1	1/10	10	93117031	5994100054979
60170	W3W, W5W	6000	0.5	W2.1x9.5d	BL2	2/20	1	93074321	0064894578090
60230	C5W	6000	0.5	SV8.5-8	BL1	1/10	2	93108743	5994100011934
60240	DIN72601K	6000	0.5	SV8.5-8	BL1	1/10	3	93095654	5994100006916
60560	Festoon 28mm	6000	0.7	SV7	BL1	1/10	4	93116980	5994100054269
60580	Festoon 31mm	6000	0.7	SV8.5-8	BL1	1/10	5	93116982	5994100054283
60620	P21W	6000	3	Ba15s	BL1	1/10	6	93116984	5994100054306
60640	P21/5W	6000	3/0.55	BAY15d	BL1	1/10	7	93117016	5994100054825
60680	W21W	6000	3	W3x16d	BL1	1/10	8	93117020	5994100054863
60700	W21/5W	6000	3/0.55	W3x16q	BL1	1/10	9	93117022	5994100054887
60780	M5	6000	5	P15d-25-1	BL1	1/10	10	93117030	5994100054962
60660	P21W	RED	3	Ba15s	BL1	1/10	11	93117018	5994100054849
60670	P21/5W	RED	3/0.55	BAY15d	BL1	1/10	12	93117019	5994100054856
60720	W21W	RED	3	W3x16d	BL1	1/10	13	93117024	5994100054900
60730	W21/5W	RED	3/0.55W	W3x16q	BL1	1/10	14	93117025	5994100054917



Warning canceller

Type	W	W	W	Fig.	SKU	EAN
Canbus	5	B1	1/4	15	93117208	5994100056805
Canbus	21	B1	1/4	16	93117209	5994100056812

These LED bulbs are for interior use only.
 Cette ampoule LED est prévue pour une utilisation intérieur uniquement.
 Diese LED-Leuchten sind ausschließlich für die Benutzung im Innenbereich vorgesehen.
 Estas lámparas LED son solo para uso interior.
 Questa lampadina al LED è esclusivamente per uso interno.



Xenon High Intensity Discharge lamps

Tungram Xensation lamps provide a major leap in road safety over conventional halogen lamps due to enormous increase in the illuminated field of vision

- Better visibility and illumination provide the driver with many benefits. It assists the human eye and allows better visibility and improved hazard awareness, allowing the driver to navigate poor driving conditions with increased confidence and with less fatigue.
- Optically advantageous whiter light compared to halogen lamps designed to give a colour that is closer to natural daylight.

White Xensation 5500 Kelvin*

Further improvement in color - light up the road with style and brilliant white light

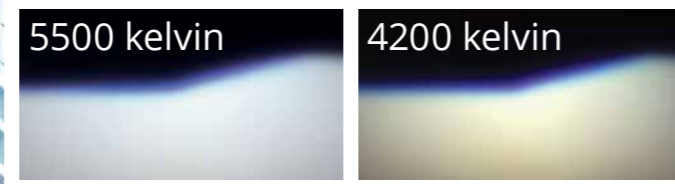
Produces a crisp, bright light that is closer to daylight. Up to 20% more light on the road ahead.

* Colour temperature exceeds 5500K in majority of lifetime.

Xensation Megalight +100

Add safety to your driving with more light. Up to 100% more light on the road ahead.

Excellent visibility and illumination, greater illuminated area.



D1S, D1R, D2S, D2R, D3S, D3R, D4S, D4R

Xenon High Intensity Discharge lamps

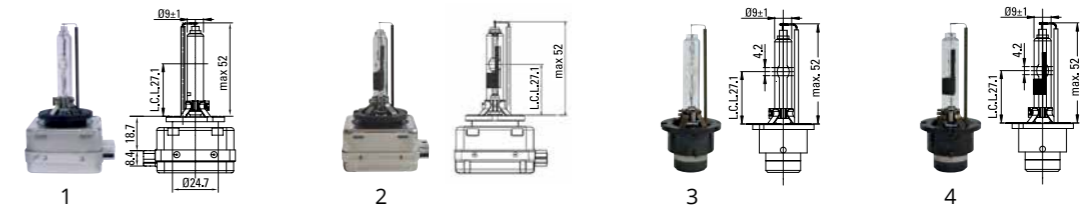
ECE	Type	Fig.	SKU	EAN
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Basic types								
D1S	53620U	B1	1/4/12	35	PK32d-2	1	93106982	5994100012245
D1R	53740U	B1	1/4/12	35	P32d-3	2	93106977	5994100012306
D2S	53500U	B1	1/3/12	35	P32d-2	3	93106979	5994100012214
D2R	53510U	B1	1/3/12	35	P32d-3	4	93106978	5994100012207
D3S	53660U	B1	1/4/12	35	PK32d-5	1	93095512	5994100006930
D3R	53730U	B1	1/4/12	35	PK32d-6	2	93106976	5994100012290
D4S	53670U	B1	1/3/12	35	P32d-5	3	93095513	5994100006947
D4R	53680U	B1	1/3/12	35	P32d-6	4	93106564	5994100012283

White Xensation 5500 Kelvin*								
D1S	53750U	B1	1/4/12	35	PK32d-2	1	93096783	5994100007418
D2S	53760U	B1	1/3/12	35	P32d-2	3	93095970	5994100006954
D2R	53770U	B1	1/3/12	35	P32d-3	4	93095514	5994100006961
D3S	53780U	B1	1/4/12	35	PK32d-5	1	93095511	5994100006978
D4S	53790U	B1	1/3/12	35	P32d-5	3	93095510	5994100006985

* Colour temperature exceeds 5500K in majority of lifetime.

Megalight +100								
D1S	53620CMU	B1	1/4/12	35	PK32d-2	1	93093630	5994100006886
D2S	53500CMU	B1	1/3/12	35	P32d-2	3	93093633	5994100006893
D3S	53660CMU	B1	1/4/12	35	PK32d-5	1	93117214	5994100056850
D4S	53670CMU	B1	1/3/12	35	P32d-5	3	93117215	5994100056867



Xenon Lentille à décharge à haute densité

- Une meilleure visibilité et un meilleur éclairage procurent au conducteur de nombreux avantages.
- **White Xensation lamps 5500K** illuminent la route avec style et lumière blanche brillante proche de la lumière du jour.
 - **Megalight +100 lamps** ajoutent de la sécurité à votre conduite, apportent jusqu'à 100% plus de lumière sur la route en avant. Excellente visibilité et éclairage, zone éclairée plus grande.



Lámparas de descarga de xenón con alta intensidad

- Una mejor visibilidad e iluminación que proporcionan al conductor muchas ventajas.
- **Las lámparas Xensation White con 5500 Kelvin** iluminan la carretera con una luz blanca brillante de manera elegante como si fuera luz natural, ofreciendo hasta un 20% más de luminosidad en la visión frontal de la carretera.
 - **Las lámparas Megalight +100** añaden seguridad a la conducción, ofreciendo hasta un 100% más de luminosidad en la visión frontal de la carretera. Una visibilidad e iluminación excelente, una mayor área iluminada.



Xenon High Intensity Entladungslampen

- Bessere Sichtbarkeit und Ausleuchtung bieten dem Fahrer viele Vorteile.
- **Weißer Xensation-Lampen 5500K** beleuchten die Straße mit Stil und strahlendem weißem Licht, das sich dem Tageslicht annähert, und bieten bis zu 20% mehr Licht auf der Straße.
 - **Megalight +100 Lampen** sorgen für mehr Sicherheit beim Fahren und bieten bis zu 100% mehr Licht auf der Straße. Hervorragende Sichtbarkeit und Ausleuchtung, größere Beleuchtungsfläche.



Lampadine a scarica ad alta intensità allo Xenon

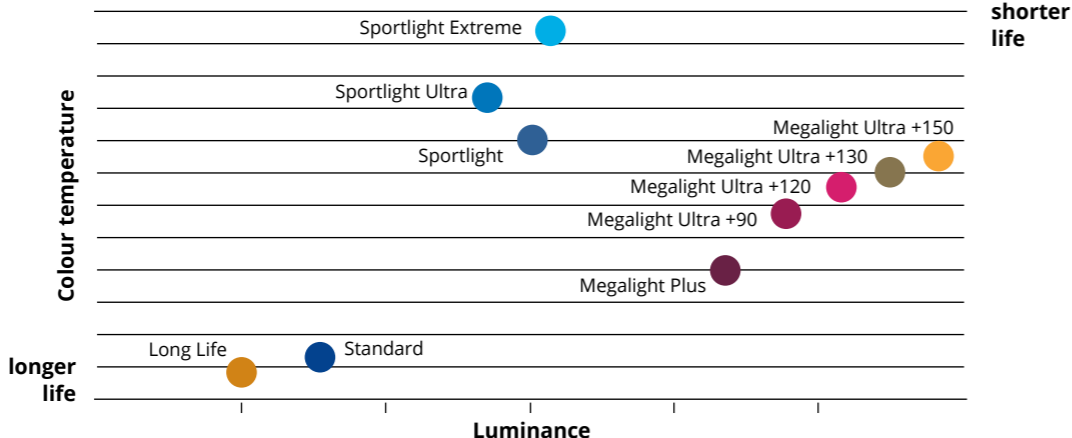
- Una migliore visibilità e illuminazione forniscono al conducente numerosi vantaggi.
- **Le lampadine White Xensation 5500K** illuminano la strada con stile e con una luce bianca brillante vicina alla luce del giorno, fornendo fino al 20% di luce in più sulla strada da percorrere.
 - **Le lampadine Megalight +100 lamps** aggiungono sicurezza alla guida, offrendo fino al 100% di luce in più sulla strada da percorrere. Ottima visibilità ed illuminazione, maggiore area illuminata.

Halogen headlight lamps

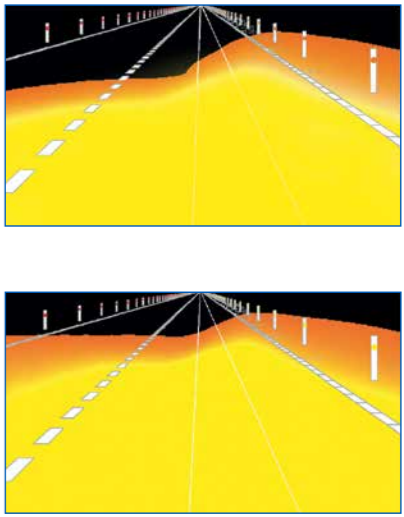
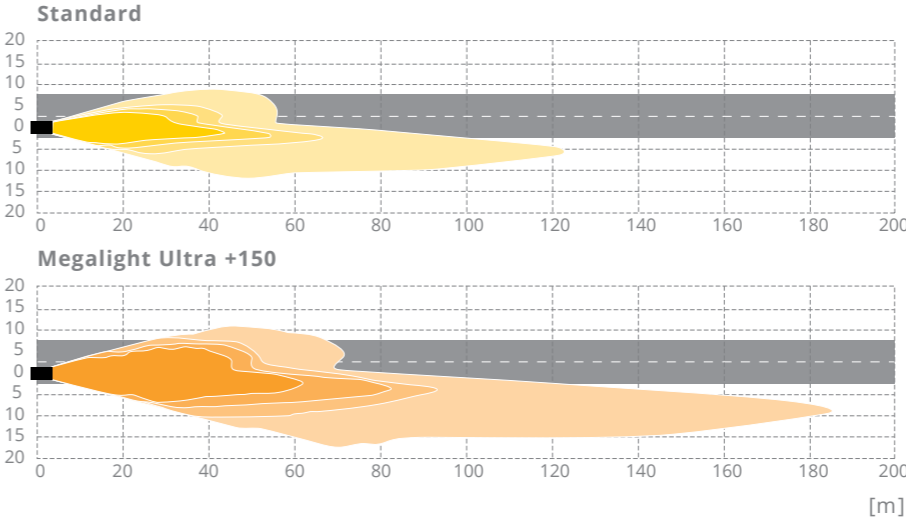
lighting your way...

As well as the basic range, Tungfram automotive also offers the premium range, based on special lamp designs. The premium range includes: Megalight Ultra, Megalight Plus, Sportlight, Long Life, Heavy Star, Rally. The premium lamps have additional benefits in terms of life, colour, vibration resistance or wattage. The premium lamps are also E1 marked, making their use on the EU roads possible, with the exception of Rally lamps that were designed for off-road usage. Long Life lamps have enhanced life, Megalight Plus and Ultra lamps possess increased luminance, Sportlight halogen lamps give intense blue-white light.

COLOUR TEMPERATURE-LUMINANCE-LIFE COMPARISONS FOR THE PREMIUM RANGE.



More light
Better visibility
Improved driving performance



Standard lamps	Megalight Ultra +150	Megalight Ultra +130	Megalight Ultra +120	Megalight Ultra +90	Megalight Plus 50-60	Sportlight Extreme	Sportlight Ultra	Sportlight	Long Life	Heavy Star 24V	Rally
	Greater visibility - safer driving Helps improved driving performance at night					Stylish appearance			Longer driving periods	Longer driving periods, increased robustness	High wattage headlight and foglight lamps for OFF ROAD use only
	More light on the road ahead					Blue-white light			Less need for replacement		
	Up to 150% more light on the road	Up to 130% more light on the road	Up to 120% more light on the road	Up to 90% more light on the road	Up to 50-60% more light on the road	Up to 40% more light on the road, up to 5000K	Up to 30% more light on the road, up to 4200K	Up to 50% more light on the road, up to 3800K			

Megalight Ultra +150



More Light



Greater visibility

STREET LEGAL

SEE even MORE - up to **150%** more light on the road

Maximum safety through ultimate performance 100% xenon gas fill.

Brightest halogen headlight lamp in our range - meets and exceeds the highest performance levels.

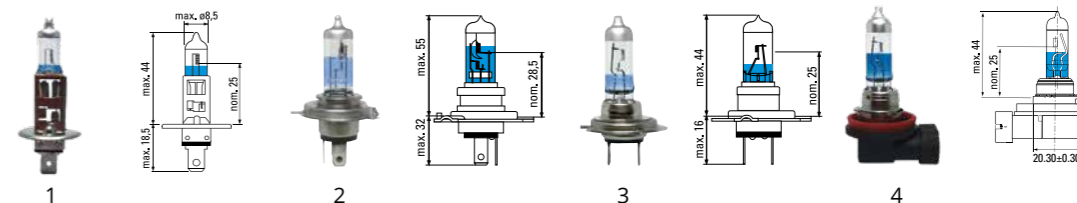
The greater illumination combined with whiter light resulting from the blue partial coating add safety to your driving - especially advantageous for fatigued drivers. Silver top gives an attractive appearance, especially in clear lens reflector headlamps.



12V

Megalight Ultra +150 - Halogen headlight lamps

ECE	Type	Fig.	T _c	W	Fig.	SKU	EAN		
H1	59010NXNU	B2	1/9 set	250	55	P14,5s	1	93116890	5994100053552
		PB2	1/5 set				1	93116876	5994100053545
H4	50440NXNU	B2	1/9 set	250	60/55	P43t	2	93100448	5994100008118
		PB2	1/5 set				2	93088612	5994100006831
H7	58520NXNU	B2	1/9 set	250	55	PX26d	3	93100449	5994100008125
		PB2	1/5 set				3	93088611	5994100006817
H11	53110NXNU	B2	1/9 set	250	55	PGJ19-2	4	93116891	5994100053569
		PB2	1/5 set				4	93116877	5994100053415



Always change the headlamps by pair.



Voir encore plus - jusqu' à 150% plus de lumière sur les routes

- Sécurité maximale grâce à la performance ultime.
- 100% de gas xénon.
- Phare halogène le plus brillant de notre gamme.
- La plus grande illumination combinée avec une lumière plus blanche résultant du revêtement partiel bleu, ajouter la sécurité à votre conduite - particulièrement avantageux pour les conducteurs fatigués.



SEHEN SIE noch MEHR - bis zu 150% mehr Licht auf der Straße

- Maximale Sicherheit durch ultimative Leistung.
- 100% Xenon-Füllgas.
- Die hellste Halogenscheinwerferlampe in unserem Sortiment - sie erfüllt und übertrifft die höchsten Leistungsstufen.
- Die stärkere Ausleuchtung und das weißere, durch die blaue partielle Beschichtung entstehende Licht erhöhen die Sicherheit beim Fahren - besonders vorteilhaft für ermüdete Fahrer. Die silberne Oberseite sorgt für ein attraktives Erscheinungsbild, insbesondere bei Scheinwerfern mit klarem Linsenreflektor.



VEA mucho MÁS: Ofrece hasta un 150% más de luz en carretera

- Máxima seguridad gracias a las últimas mejoras técnicas.
- 100% rellena con gas xenón.
- La lámpara para faros halógena más brillante de nuestra gama - cumple y supera los niveles de rendimiento más altos.
- Una mayor iluminación que combina una luz más blanca gracias al recubrimiento parcial en azul que agrega seguridad en la conducción, especialmente en los momentos que el conductor está fatigado. La parte superior plateada le da un aspecto atractivo, especialmente en los faros con reflector de lente transparente.



Maggiore visibilità: fino al 150% di luce in più sulla strada

- Massima sicurezza grazie alle ottime prestazioni.
- Riempimento con gas Xenon al 100%.
- La lampada alogena più luminosa della nostra gamma - soddisfa e supera i massimi livelli di prestazione.
- La maggiore illuminazione combinata con la luce più bianca derivante dal rivestimento parziale blu aggiunge sicurezza alla guida - particolarmente vantaggiosa per i guidatori stanchi. La parte superiore in argento conferisce un aspetto accattivante, in particolare nei fari con riflettore a lente trasparente.

T_c (HOUR) is the time up to which 63,2 % of tested lamps have ended their lives. Measured according to Tungsham life test specification. The life of the lamp is sensitive to the operation voltage of the car, 1% of change of the voltage results in 12-15% change of life with opposite sign.

Megalight Ultra +130



More Light



Greater visibility

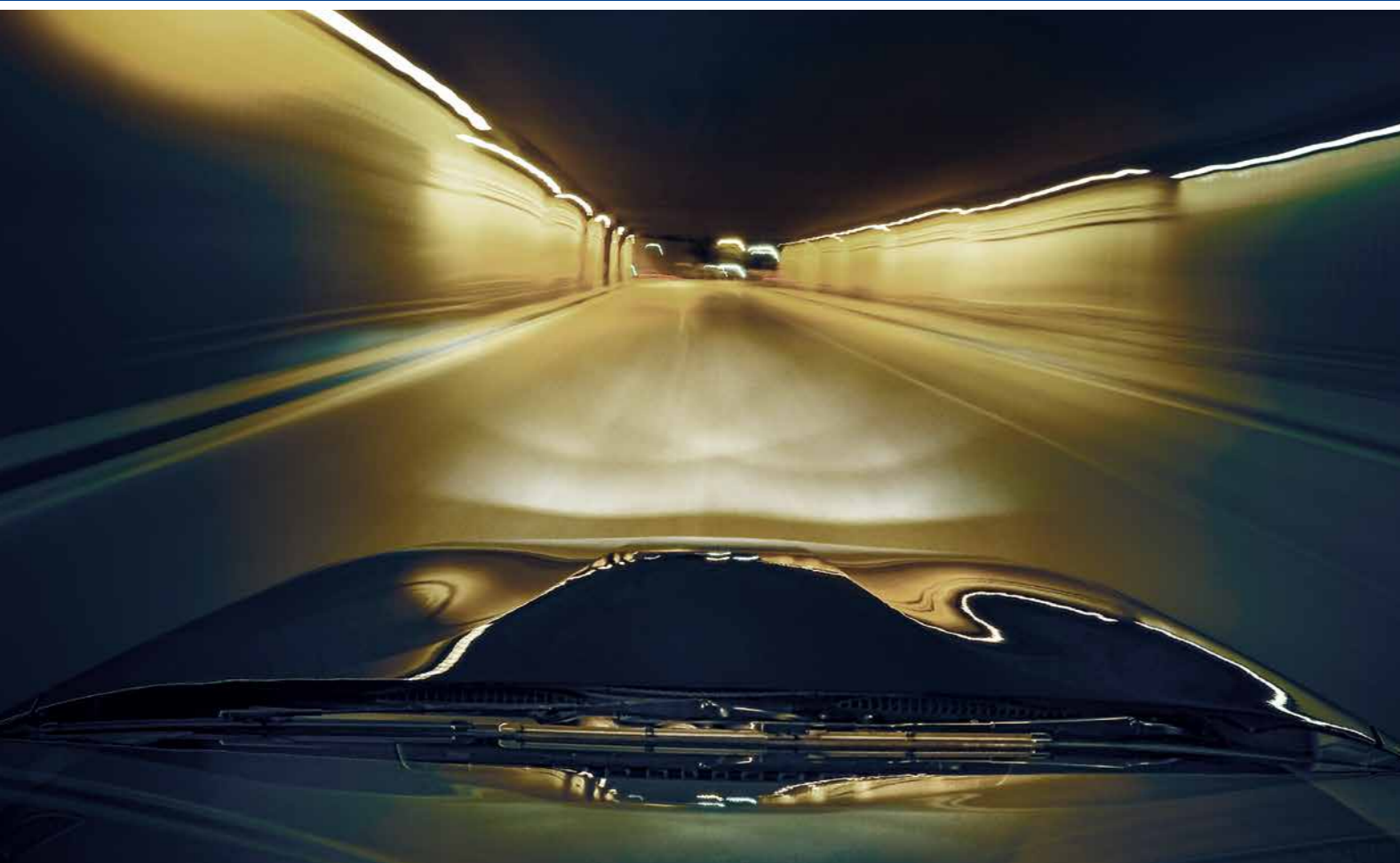
STREET LEGAL

Up to 130% more light on the road

A further step in illumination of the road ahead.

Generates more light on the road by optimized filament design with 100% xenon fill and specialized coating system.

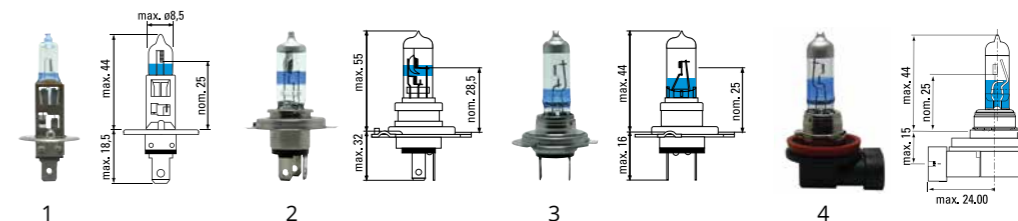
Silver top gives an attractive appearance, especially in clear lens reflector headlamps.



12V

Megalight Ultra +130 - Halogen headlight lamps

ECE	Type	Diagram	T _c	W	Fig.	SKU	EAN
H1	50310XNU	B2	250	55	P14,5s	1	93108046
		PB2					93116872
		BL2					93108040
H4	50440XNU	B2	250	60/55	P43t	2	93108045
		PB2					93116873
		BL2					93108039
H7	58520XNU	B2	250	55	PX26d	3	93108044
		PB2					93116874
		BL2					93108038
H11	53110XNU	B2	250	55	PGJ19-2	4	93111388
		PB2					93116875



Always change the headlamps by pair.



Jusqu'à 130% plus de lumière sur la route

- Une nouvelle étape dans l'éclairage de la route.
- Génère plus de lumière sur la route grâce à une conception de filament optimisée avec 100% de xénon et système de revêtement spécialisée.
- Le plateau argenté donne un aspect attrayant, en particulier dans les projecteurs à réflecteur à objectif transparent.



Bis zu 130% mehr Licht auf der Straße

- Ein weiterer Schritt in der Beleuchtung der Straße.
- Erzeugt mehr Licht auf der Straße durch ihr optimiertes Glühfadendesign mit 100% Xenonfüllung und speziellem Beschichtungssystem.
- Die silberne Oberseite sorgt für ein attraktives Erscheinungsbild, insbesondere bei Scheinwerfern mit klarem Linsenreflektor.



Ofrece hasta un 130% más de iluminación en la carretera

- Un paso adelante en términos de iluminación en la visión frontal de la carretera.
- Genera más emisión de luz en la carretera a través de un diseño de filamentos optimizados 100% relleno con xenón y con un sistema de recubrimiento especial.
- La parte superior plateada le da un aspecto atractivo, especialmente en los faros con reflector de lente transparente.



Fino al 130% di luce in più sulla strada

- Un ulteriore passo nell'illuminazione della strada da percorrere.
- Genera più luce sulla strada grazie al design ottimizzato del filamento con riempimento di gas Xenon al 100% e al sistema di rivestimento speciale.
- La parte superiore in argento conferisce un aspetto accattivante, in particolare nei proiettori con riflettori a lente trasparente.

T_c (HOUR) is the time up to which 63,2 % of tested lamps have ended their lives. Measured according to Tungfram life test specification. The life of the lamp is sensitive to the operation voltage of the car, 1% of change of the voltage results in 12-15% change of life with opposite sign.

Megalight Ultra +120



More Light



Greater visibility

STREET LEGAL

Up to 120% more light on the road

Intense and powerful lamp in terms of luminance, for safer driving 100% xenon gas fill.

Improved headlamp illumination level helps in reduction of accidents at night time/in poor visibility conditions.

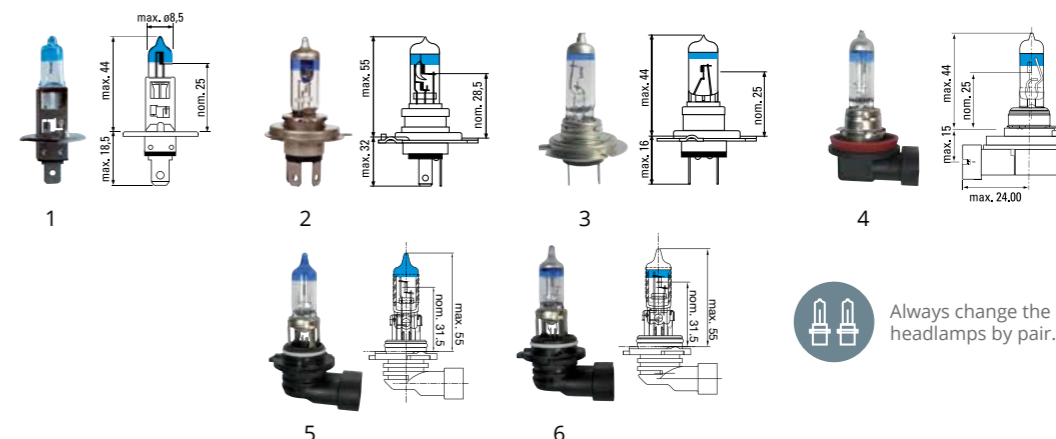
Silver top gives an attractive appearance, especially in clear lens reflector headlamps.



12V

Megalight Ultra +120 - Halogen headlight lamps

ECE	Type	Fig.	T _c	W	Fig.	SKU	EAN	
H1	50310NU	B2 1/9 set	250	55	P14,5s	1	93098621	5994100007043
		PB2 1/5 set				1	93116868	5994100053521
		BL2 1/10 set				1	93105797	5994100010036
H4	50440SNU	B2 1/9 set	250	60/55	P43t	2	93098620	5994100007050
		PB2 1/5 set				2	93116867	5994100053439
		BL2 1/10 set				2	93108033	5994100020240
H7	58520SNU	B2 1/9 set	250	55	PX26d	3	93098619	5994100007067
		PB2 1/5 set				3	93116866	5994100053484
		BL2 1/10 set				3	93108034	5994100020363
H11	53110SNU	B2 1/9 set	250	55	PGJ19-2	4	93098622	5994100007036
		PB2 1/5 set				4	93116869	5994100053347
HB3	9005NU	B2 1/9 set	200	60	P20d	5	93098625	5994100007012
		PB2 1/5 set				5	93116871	5994100053361
HB4	9006SNU	B2 1/9 set	250	51	P22d	6	93098623	5994100007029
		PB2 1/5 set				6	93116870	5994100053354



Jusqu'à 120% plus de lumière sur les routes

- Lampe intense et puissante en termes de luminance, pour une conduite plus sûre 100% de gas xénon.
- Un meilleur niveau d'éclairage des phares contribue à réduire les accidents pendant la nuit/dans de mauvaises conditions de visibilité.
- Le plateau argenté donne un aspect attrayant, en particulier dans les projecteurs à réflecteur à objectif transparent.



Bis zu 120% mehr Licht auf der Straße

- Intensive und leistungsstarke Lampe in Bezug auf Helligkeit und mit 100% Xenon-Gasfüllung für sicheres Fahren.
- Das verbesserte Beleuchtungsniveau des Scheinwerfers hilft bei der Verringerung der Unfälle in der Nacht/bei schlechten Sichtverhältnissen.
- Die silberne Oberseite sorgt für ein attraktives Erscheinungsbild, insbesondere bei Scheinwerfern mit klarem Linsenreflektor.



Ofrece hasta un 120% más de luz en carretera

- Lámpara intensa y potente en términos de luminosidad; 100% relleno con gas xenón para obtener una conducción más segura.
- La mejora en el nivel de iluminación de los faros ayuda a reducir los accidentes durante la noche en condiciones de poca visibilidad.
- La parte superior plateada le da un aspecto atractivo, especialmente en los faros con reflector de lente transparente.



Fino al 120% di luce in più sulla strada

- Lampada intensa e potente in termini di luce irradiata, per una guida più sicura, riempimento con gas allo xeno al 100%.
- Il migliorato livello di illuminazione dei fari aiuta a ridurre gli incidenti notturni e/o in condizioni di scarsa visibilità.
- La parte superiore in argento conferisce un aspetto accattivante, in particolare nei fari con riflettori con lente trasparente.

T_c (HOUR) is the time up to which 63,2 % of tested lamps have ended their lives. Measured according to Tungsram life test specification. The life of the lamp is sensitive to the operation voltage of the car, 1% of change of the voltage results in 12-15% change of life with opposite sign.

Megalight Ultra +90



More Light



Greater visibility

12V

PREMIUM

Up to 90% more light on the road

High performance lamps for visibility, convenience and style.

Improved driving performance at night.

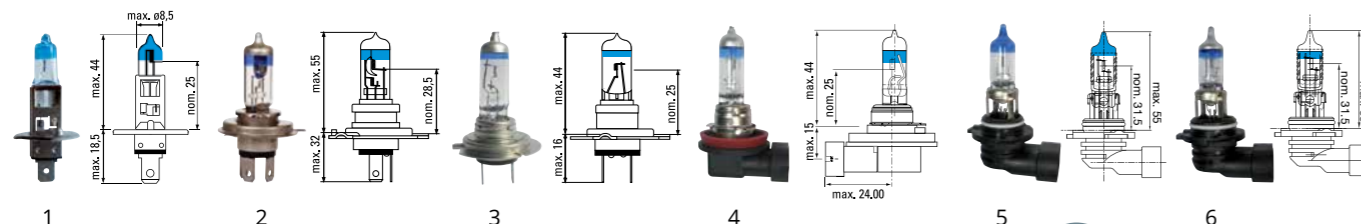
Greater illumination combined with whiter light add safety to your driving.

Silver top gives an attractive appearance, especially in clear lens reflector headlamps.

STREET LEGAL

Megalight Ultra +90 - Halogen headlight lamps

ECE	Type	Fig.	T _c	W	Fig.	SKU	EAN	
H1	50310XU	B2	350	55	P14,5s	1	93098494	5994100007203
		PB2				1	93116878	5994100053514
		BL2				1	93108030	5994100020172
H4	50440SXU	B2	350	60/55	P43t	2	93098492	5994100007180
		PB2				2	93116879	5994100053422
		BL2				2	93108027	5994100020264
H7	58520SXU	B2	350	55	PX26d	3	93098493	5994100007197
		PB2				3	93116880	5994100053477
		BL2				3	93108028	5994100020387
H11	53110SXU	B2	350	55	PGJ19-2	4	93098495	5994100006220
		PB2				4	93116881	5994100053316
HB3	9005XU	B2	200	60	P20d	5	93098617	5994100007074
		PB2				5	93116883	5994100053330
HB4	9006SXU	B2	350	51	P22d	6	93098616	5994100007081
		PB2				6	93116882	5994100053323



Always change the headlamps by pair.



Jusqu'à 90% plus de lumière sur les routes

- Lampes haute performance pour la visibilité, confort et style.
- Amélioration des performances de conduite pendant la nuit.
- Plus d'éclairage combiné à une lumière plus blanche, ajouter de la sécurité à votre conduite.
- Le plateau argenté donne un aspect attrayant, en particulier dans les projecteurs à réflecteur à objectif transparent.



Bis zu 90% mehr Licht auf der Straße

- Hochleistungslampen für Sichtbarkeit, Komfort und Stil
- Verbesserte Fahrleistung in der Nacht.
- Die stärkere Ausleuchtung und das weißere Licht erhöhen die Sicherheit beim Fahren.
- Die silberne Oberseite sorgt für ein attraktives Erscheinungsbild, insbesondere bei Scheinwerfern mit klarem Linsenreflektor.



Ofrece hasta un 90% más de luz en carretera

- Lámparas de alto rendimiento en cuanto a visibilidad, comodidad y con estilo.
- Para una mejor conducción nocturna.
- Una mejor iluminación combinada con una luz más blanca que agrega seguridad a su conducción.
- La parte superior plateada le da un aspecto atractivo, especialmente en los faros con reflector de lente transparente.



Fino al 90% di luce in più sulla strada

- Lampade ad alta prestazione per visibilità, praticità e stile.
- Miglioramento delle prestazioni di guida durante la notte.
- Una maggiore illuminazione unita alla luce più bianca aggiungono sicurezza alla guida.
- La parte superiore in argento conferisce un aspetto accattivante, in particolare nei fari con riflettori con lente trasparente.

T_c (HOUR) is the time up to which 63,2 % of tested lamps have ended their lives. Measured according to Tungsram life test specification. The life of the lamp is sensitive to the operation voltage of the car, 1% of change of the voltage results in 12-15% change of life with opposite sign.

Megalight Plus 50, 60



More Light



Greater visibility

12V

PREMIUM

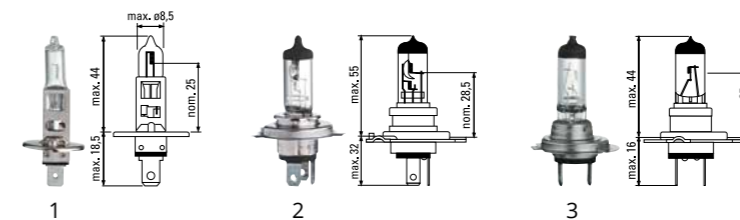
Up to 50-60% more light on the road

Headlight lamps that provide more light when and where you need it most.

STREET LEGAL

Megalight Plus 50, 60 - Halogen headlight lamps

ECE	Type	Fig.	T _c	W	Fig.	SKU	EAN	
H1	50310MPU	B2	600	55	P14,5s	1	93106967	5994100012115
		BL2				1	93108024	5994100020127
H4	50440MPU	B2	300	60/55	P43t	2	93106966	5994100012108
		B1				2	93110960	5994100029243
		BL2				2	93108029	5994100020226
H7	58520MPU	B2	500	55	PX26d	3	93106968	5994100012122
		B1				3	93110961	5994100029236
		BL2				3	93108025	5994100020349



Always change the headlamps by pair.



Jusqu'à 50-60% plus de lumière sur les routes

- Lampes phares qui fournissent plus de lumière quand et où vous en avez le plus besoin.



Bis zu 50-60% mehr Licht auf der Straße

- Scheinwerferlampen, die mehr Licht bieten, wenn und wo Sie es am dringendsten benötigen.



Ofrece hasta un 50-60% más de luz en carretera

- Lámparas para faros que ofrecen más luz cuando y donde más la necesitas.



Fino al 50 - 60% di luce in più sulla strada

- Lampade per fari che forniscono più luce quando e dove ne avete più bisogno.

T_c (HOUR) is the time up to which 63,2 % of tested lamps have ended their lives. Measured according to Tungsram life test specification. The life of the lamp is sensitive to the operation voltage of the car, 1% of change of the voltage results in 12-15% change of life with opposite sign.

Sportlight Extreme



Blue-white light



More Light



Greater visibility

12V

PREMIUM

Stylish blue-white light up to 5000K comparable with XENON

Visibly different - distinctive colour.

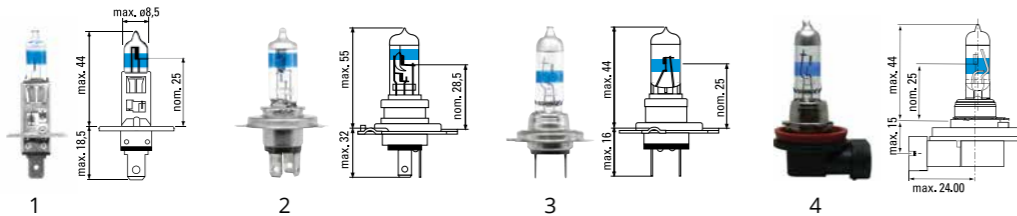
Up to 40% more light - greater illuminated area on the road ahead.

Combination of high luminance and colour that is closer to daylight.

STREET LEGAL

Sportlight Extreme - Halogen headlight lamps

ECE	Type	Fig.	SKU	EAN	
H1	50310SUP	B2	1/9 set	93102855	5994100008316
		PB2	1/5 set	93093890	5994100006848
H4	50440SUP	B2	1/9 set	93103546	5994100007838
		PB2	1/5 set	93093787	5994100006862
H7	58520SUP	B2	1/9 set	93103547	5994100007845
		PB2	1/5 set	93093788	5994100006879
H11	53110SUP	B2	1/9 set	93103548	5994100007852
		PB2	1/5 set	93093565	5994100006855



Always change the headlamps by pair.



Lumière blanche et bleue élégante jusqu'à 5000K comparable au xénon

- Visibilité différente - couleur distinctive.
- Jusqu'à 40% plus de lumière - plus grande surface éclairée sur la route.
- Combinaison d' haute luminance et de couleur plus proche de la lumière du jour.



Elegante luz azul-blanca de hasta 5000 Kelvin comparable con la lámpara XENÓN

- Visiblemente diferente - de color distintivo.
- Ofrece hasta un 40% más de iluminación - Mayor área iluminada en la visión frontal de la carretera.
- Combinación de alta luminosidad y de color más parecido a la luz natural.



Stilvolles, blauweißes Licht bis zu 5000K, mit XENON vergleichbar

- Sichtbar anders - unverwechselbare Farbe.
- Bis zu 40% mehr Licht - Größere beleuchtete Fläche auf der Straße.
- Kombination von hoher Leuchtdichte und tageslichtähnlicher Farbe.



Elegante luce blu-bianca fino a 5000 K paragonabile a quella allo Xenon

- Visibilmente differente - colore distintivo.
- Fino al 40% di luce in più - Maggiore area illuminata sulla strada da percorrere.
- Combinazione tra alta luminosità e colore si avvicina di più alla luce del giorno.

T_c (HOUR) is the time up to which 63,2 % of tested lamps have ended their lives. Measured according to Tungsram life test specification. The life of the lamp is sensitive to the operation voltage of the car, 1% of change of the voltage results in 12-15% change of life with opposite sign.

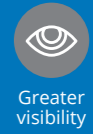
Sportlight Ultra



Blue-white light



More Light



Greater visibility

12V

PREMIUM

Intense white light up to 4200K comparable with xenon

Visibly different - distinctive colour.

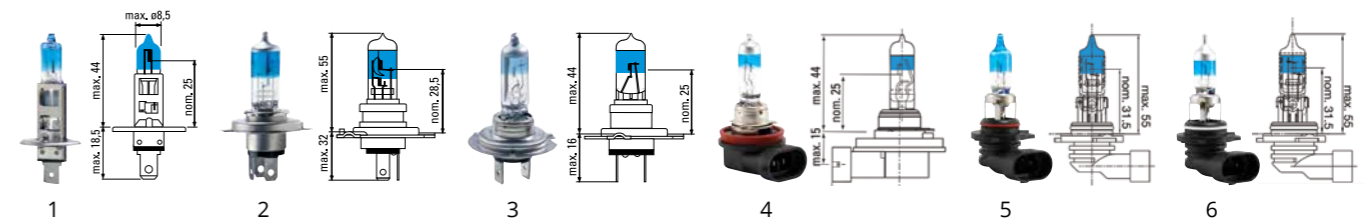
Produces a crisp, bright light that is closer to daylight.

Up to 30% more light on the road.

STREET LEGAL

Sportlight Ultra - Halogen headlight lamps

ECE	Type	Fig.	SKU	EAN	
H1	50310SBU	B2	1/9 set	93097898	5994100007142
		PB2	1/5 set	93116884	5994100053507
		BL2	1/10 set	93108035	5994100020141
H4	50440SBU	B2	1/9 set	93098624	5994100007227
		PB2	1/5 set	93116885	5994100053446
		BL2	1/10 set	93108036	5994100020233
H7	58520SBU	B2	1/9 set	93097899	5994100007159
		PB2	1/5 set	93116886	5994100053460
		BL2	1/10 set	93108037	5994100020356
H11	53110SBU	B2	1/9 set	93115206	5994100037095
		PB2	1/5 set	93116887	5994100053385
HB3	9005SBU	B2	1/9 set	93115208	5994100037217
		PB2	1/5 set	93116889	5994100053408
HB4	9006SBU	B2	1/9 set	93115207	5994100037101
		PB2	1/5 set	93116888	5994100053392



Always change the headlamps by pair.



Lumière blanche intense comparable au xénon

- Visibilité différente - couleur distinctive.
- Produit une lumière vive et qui est plus proche de la lumière du jour.
- Jusqu'à 30% plus de lumière sur la route.



Luz blanca intensa comparable con la lámpara de xenón

- Visiblemente diferente - de color distintivo.
- Produce una luz nítida y brillante más parecido a la luz natural.
- Ofrece hasta un 30% más de iluminación en la carretera.



Intensives weißes Licht bis zu 4200K vergleichbar mit Xenon

- Sichtbar anders - unverwechselbare Farbe.
- Gibt ein klares, helles Licht, das tageslichtnäher ist.
- Bis zu 30% mehr Licht auf der Straße.



Luce bianca intensa paragonabile allo Xenon

- Visibilmente differente - colore distintivo.
- Produce una luce nitida e brillante che si avvicina di più alla luce del giorno.
- Fino al 30% di luce in più sulla strada.

T_c (HOUR) is the time up to which 63,2 % of tested lamps have ended their lives. Measured according to Tungsram life test specification. The life of the lamp is sensitive to the operation voltage of the car, 1% of change of the voltage results in 12-15% change of life with opposite sign.

Sportlight



Stylish white light up to 3800K

Up to 50% more light on the road.
Faster signal, earlier notice - miniature lamps.

STREET LEGAL



Lumière blanche élégante jusqu'à 3800K

- Jusqu'à 50% plus de lumière sur la route.
- Signal plus rapide, préavis, lampes miniatures.



Stilvolles, weißes Licht bis zu 3800K

- Bis zu 50% mehr Licht auf der Straße.
- Schnelleres Signal, früheres Merken - Miniaturlampen.



Elegante luz blanca de hasta 3800 Kelvin.

- Ofrece hasta un 50% más de iluminación en la carretera.
- Señalización más rápida, anticipando aviso - lámparas miniatura.



Elegante luce bianca fino a 3800K

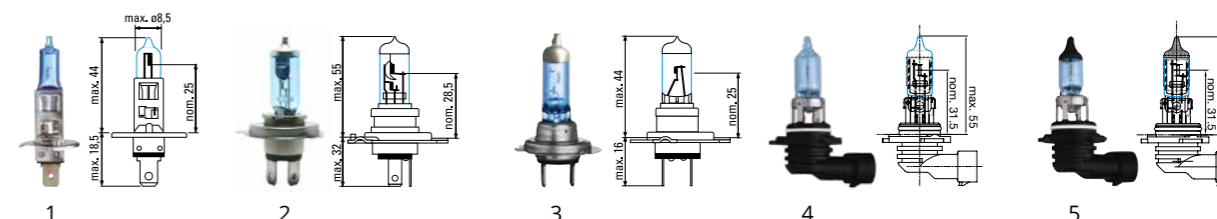
- Fino al 50% di luce in più sulla strada.
- Segnale più veloce, avviso più rapido - lampade in miniatura.



12V

Sportlight - Halogen headlight lamps

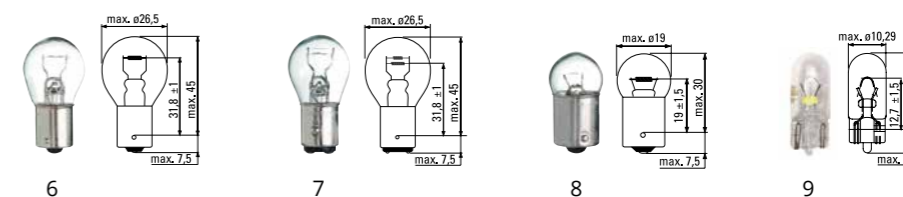
ECE	Type	Fig.	T _c	W	Fig.	SKU	EAN	
H1	50310NHSU	B2 1/9 set	130	55	P14,5s	1	93106973	5994100012177
		BL2 1/10 set				1	93108026	5994100020134
H4	50440SPU	B2 1/9 set	480	60/55	P43t	2	93106971	5994100012153
		BL2 1/10 set				2	93108032	5994100020257
H7	58520SPU	B2 1/9 set	250	55	PX26d	3	93106972	5994100012160
		BL2 1/10 set				3	93108031	5994100020370
HB3	9005NHSU	B2 1/9 set	235	60	P20d	4	93111380	5994100029281
HB4	9006NHSU	B2 1/9 set	760	51	P22d	5	93111379	5994100029298



Always change the headlamps by pair.

Sportlight - Miniature lamps

ECE	Type	Fig.	T _c	W	Fig.	SKU	EAN	
P21W	1057NH	B1 1/10/200	320	21	BA15s	6	93106962	5994100012320
		B10 10/200				6	93106960	5994100012313
P21/5W	1077NH	B1 1/10/200	160/1600	21/5	BAY15d	7	93106961	5994100012344
		B10 10/200				7	93106959	5994100012337
R5W	2619NH	B1 1/10/200	300	5	BA15s	8	93111375	5994100029113
		B10 10/200				8	93111374	5994100029120
R10W	2641NH	B1 1/10/200	300	10	BA15s	8	93108009	5994100020035
		B10 10/200				8	93111373	5994100029137
W5W	501NH	B10 10/200	500	5	W2,1x9,5d	9	93108015	5994100020103



T_c (HOUR) is the time up to which 63,2 % of tested lamps have ended their lives. Measured according to Tungstram life test specification. The life of the lamp is sensitive to the operation voltage of the car, 1% of change of the voltage results in 12-15% change of life with opposite sign.



Long life

Longer driving periods

Extended lifetime, less need for replacement.

Ensures safe driving during day and night.

Up to 3x lifetime compared to standard lamps.

STREET LEGAL



Périodes de conduite plus longues

- Durée de vie prolongée, moins besoin de remplacement.
- Assure une conduite sécurisante jour et nuit.
- Jusqu'à 3x de durée de vie par rapport au lampes standards.



Längere Lenkzeiten

- Verlängerte Lebensdauer, weniger Ersatzbedarf.
- Sorgt für sicheres Fahren bei Tag und Nacht.
- Bis zu dreimal längere Lebensdauer im Vergleich zu Serienleuchten.



Períodos de conducción más largos

- Con una vida útil prolongada, con necesidad de reemplazo menos frecuente.
- Garantiza una conducción segura durante el día y la noche.
- Dura hasta tres veces más en comparación con las lámparas estándares.



Periodi di guida più lunghi

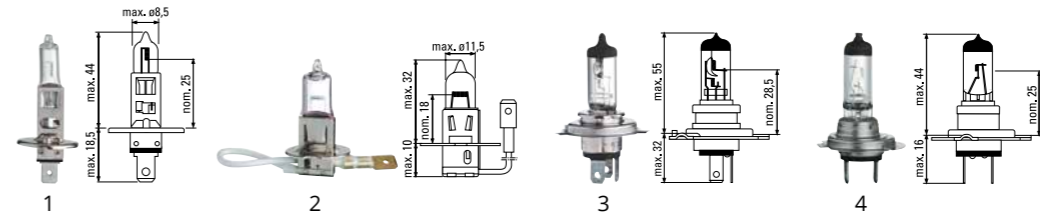
- Durata di vita estesa, meno necessità di sostituzione.
- Garantisce una guida sicura durante il giorno e la notte.
- Durata di vita fino a 3 volte superiore rispetto alle lampade standard.



12V

Long Life - Halogen headlight lamps

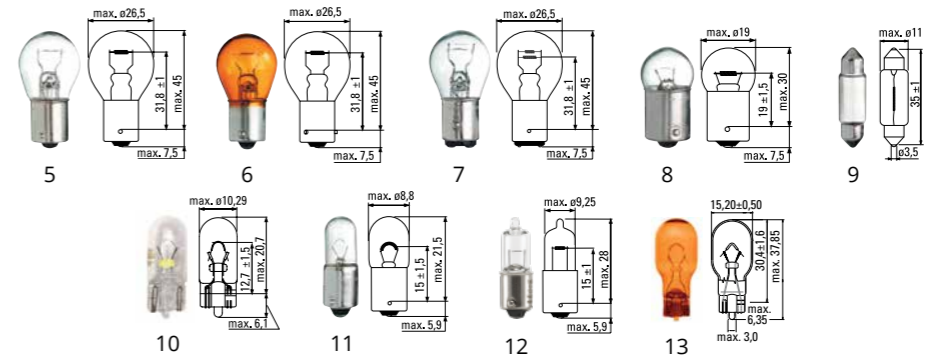
ECE	Type	Fig.	T _c	W	Fig.	SKU	EAN		
H1	50310LU	B2	1/9 set	2000	55	P14,5s	1	93097344	5994100007098
		B1	1/10/100				1	93111384	5994100029045
		BL2	1/10 set				1	93105779	5994100010029
H3	50340LU	B2	1/9 set	2500	55	PK22s	2	93098491	5994100007104
H4	50440LU	B2	1/9 set	3500	60/55	P43t	3	93097896	5994100007111
		B1	1/10/100				3	93113949	5994100031987
		BL2	1/10 set				3	93108022	5994100020219
H7	58520LU	B2	1/9 set	1250	55	PX26d	4	93097897	5994100007128
		B1	1/10/100				4	93108021	5994100020325
		BL2	1/10 set				4	93108023	5994100020318



Always change the headlamps by pair.

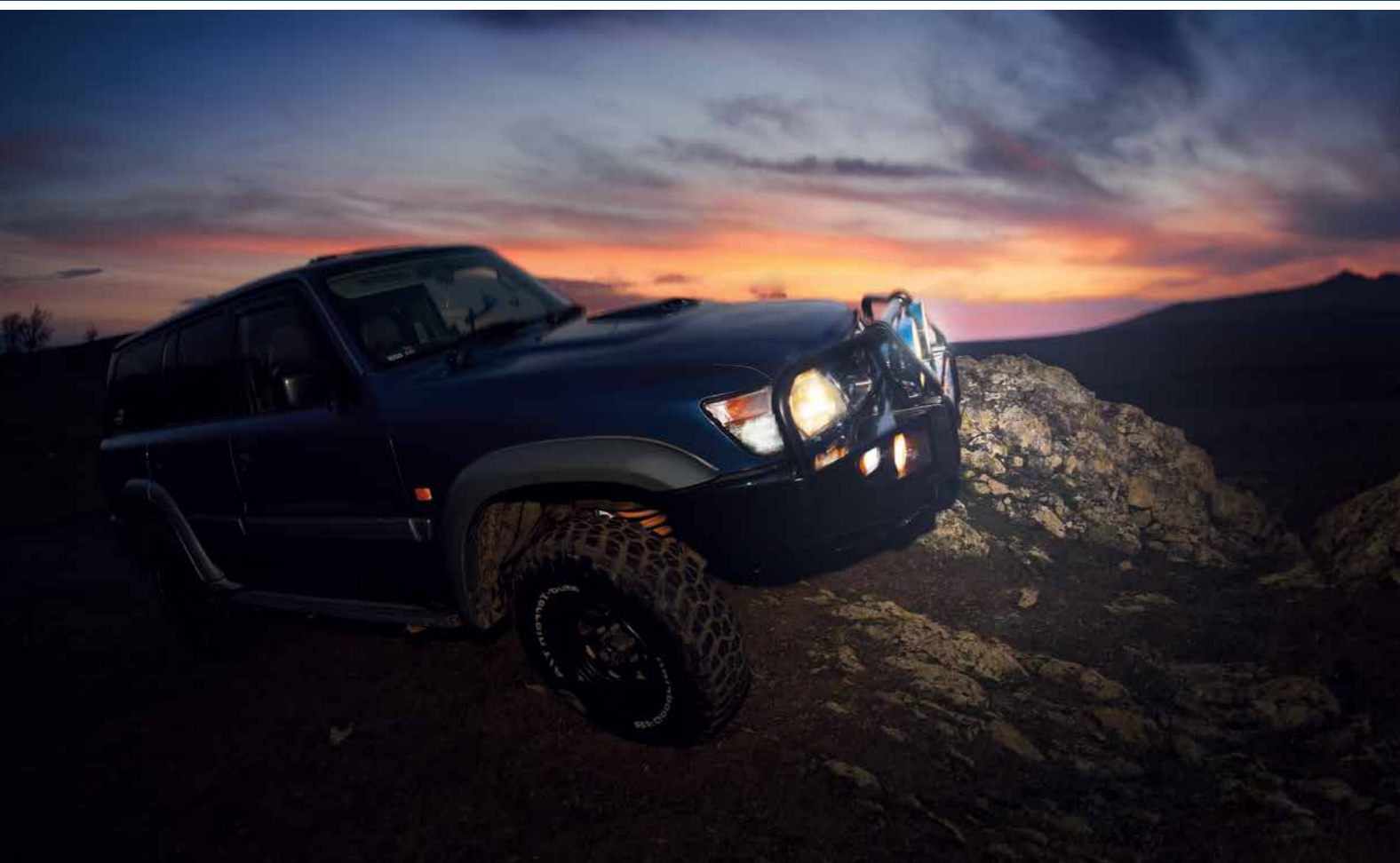
Long Life - Miniature lamps

ECE	Type	Fig.	T _c	W	Fig.	SKU	EAN		
P21W	1057L	B1	1/10/200	1000	21	BA15s	5	93088711	5994100005537
		BL2	1/10 set				5	93088264	5994100005520
PY21W	1056L	B1	1/10/200	3000	21	BAU15s	6	93090295	5994100005438
P21/5W	1077L	B1	1/10/200	1000/5000	21/5	BAY15d	7	93088859	5994100005643
		BL2	1/10 set				7	93088860	5994100005636
P21/4W	1122L	B1	1/10/200	1000/5000	21/4	BAZ15d	7	93108020	5994100012900
R5W	2619L	B1	1/10/200	1500	5	BA15s	8	93106963	5994100012375
		BL2	1/10 set				8	93105780	5994100009962
R10W	2641L	B1	1/10/200	1600	10	BA15s	8	93108017	5994100020028
C5W	7546L	B1	1/10/200	4000	5	SV8,5	9	93108018	5994100020431
		BL2	1/10 set				9	93111369	5994100029304
W5W	930	B10	10/200	2000	5	W2,1x9,5d	10	93108012	5994100020455
		B1	1/10/200				10	93108016	5994100020462
T4W	2662L	B1	1/10/200	1500	4	BA9s	11	93108019	5994100020080
		BL2	1/10 set				11	93111368	5994100029311
H6W	52830LU	B1	1/10/100	1000	6	BAX9s	12	93111377	5994100029090
WY16W	WY16WNAL	B10	10/200	2000	16	W2,1x9,5d	13	93111387	5994100029038
		BL2	1/10 set				13	93111386	5994100029267



T_c (HOUR) is the time up to which 63,2 % of tested lamps have ended their lives. Measured according to Tungsham life test specification. The life of the lamp is sensitive to the operation voltage of the car, 1% of change of the voltage results in 12-15% change of life with opposite sign.

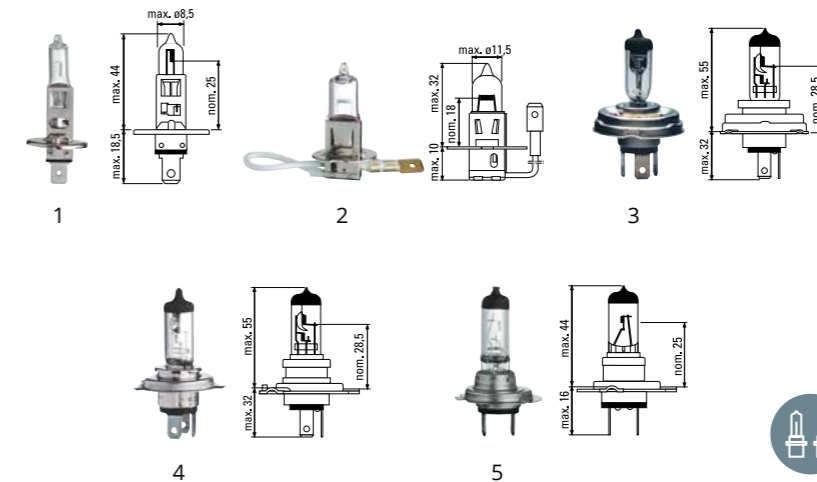
High wattage headlight and foglight lamps for **OFF ROAD** use only



12V

Rally - Halogen headlight lamps - Rally types are not allowed on public roads

Type	Icon	W	Fig.	SKU	EAN		
52140U (H1*)	B1	1/10/100	100	P14,5s	1	93105079	5994100009610
	BL1	1/10			1	93105781	5994100010104
50370U (H1*)	B1	1/10/100	100	P14,5s/R	1	93106964	5994100012085
50360U (H3*)	B1	1/10/100	100	PK22S/R	2	93106965	5994100012092
52130U (H3*)	B1	1/10/200	100	Pk22s	2	93105085	5994100009672
	BL1	1/10			2	93105787	5994100010098
52030U (H4*)	B1	1/10/100	100/80	P45t	3	93105083	5994100009658
52100U (H4*)	B1	1/10/100	100/80	P43t	4	93103596	5994100008453
52100U (H4*)	B1	1/10/100	100/90	P43t	4	93111367	5994100029175
52670U (H4*)	B1	1/10/100	140/100 250/140CP	P43t	4	93103597	5994100008460
59000U (H7*)	B1	1/10/100	100	PX26d	5	93098354	5994100007166



Lampes phares et anti-brouillard à haute puissance pour l'utilisation 'OFF- ROAD'



Hochwattscheinwerfer- und Nebelscheinwerferlampen die speziell für „OFF ROAD“ oder als „RALLYLAMPEN“ genutzt werden können.



Faros delanteros y luces antiniebla de alta potencia para uso exclusivo EN VÍAS NO OFICIALES



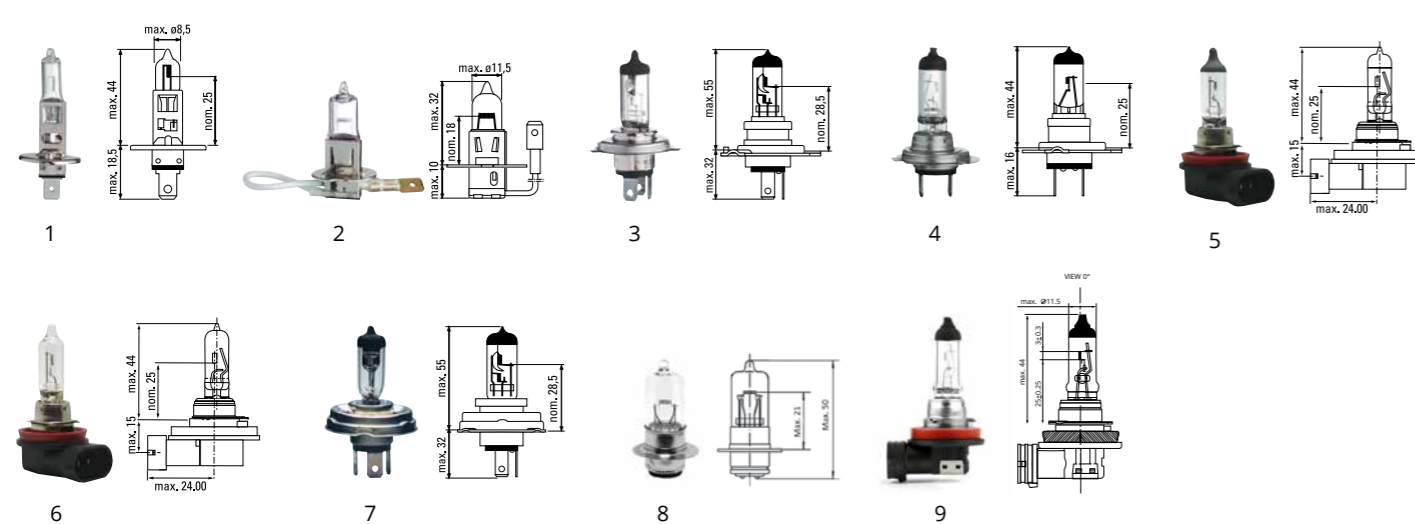
Fari anteriori e fari fendinebbia ad alta potenza esclusivamente per uso OFF ROAD

* Lamp type shown for information only. These lamps are not ECE approved.

12V Tungfram 'Original' range

Halogen headlight lamps

ECE	Type	Fig.	W	Fig.	SKU	EAN		
H1	50310U	B1	1/10/100	55	P14,5s	1	93103272	5994100008415
		BL1	1/10			1	93105767	5994100010012
H3	50340U	B1	1/10/200	55	Pk22s	2	93103598	5994100008477
		BL1	1/10			2	93105766	5994100010043
H4	50440U	B1	1/10/100	60/55	P43t	3	93103274	5994100008439
		BL1	1/10			3	93105768	5994100010074
	52040U	B1	1/10/100	60/55 130/80CP	P45t	7	93106975	5994100012191
	52050U	B1	1/10/100	60/55 130/80CP	P43t	3	93105102	5994100009740
	52070U	B1	1/10/100	60/55	P45t	7	93105101	5994100009733
	52650U	B1	1/10/100	35/35	P43t	3	93111382	5994100029069
H7	58520SU	B1	1/10/100	55	PX26d	4	93103275	5994100029328
		BL1	1/10			4	93105769	5994100010159
	58520U*	B1	1/10/100	55	PX26d	4	93107999	5994100008446
H8	53090U	B1	1/10/100	35	PGJ19-1	5	93104191	5994100009313
		BL1	1/10			5	93105775	5994100010128
H9	53100U	B1	1/10/100	65	PGJ19-5	6	93104192	5994100009320
		BL1	1/10			6	93105776	5994100010135
H11	53110U	B1	1/10/100	55	PGJ19-2	5	93104193	5994100009337
		BL1	1/10			5	93105794	5994100010142
H16	54790U	B1	1/10/100	19	PGJ19-3	9	93117211	5994100057338
HS1	50470U	B1	1/10	35/35	PX43t	3	93105082	5994100009641
R2	52950U	B1	1/10/100	45/40	P45t	7	93107998	5994100020295
	M5 MOTO	B1	1/10/100	35/35	P15D-25-1	8	93113962	5994100032090

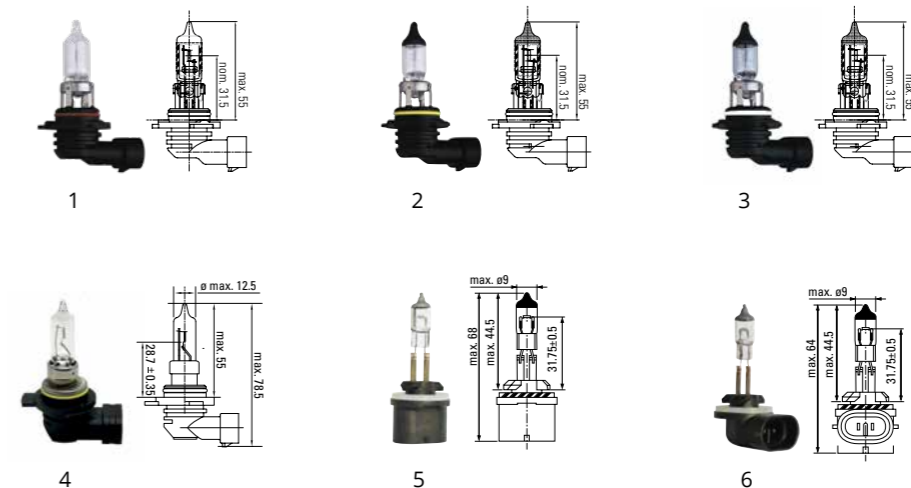


58520U* - increased life

12V Tungfram 'Original' range

Halogen headlight lamps

ECE	Type	Fig.	W	Fig.	SKU	EAN		
HB3	9005U	B1	1/10/100	60	P20d	1	93105080	5994100009627
		BL1	1/10			1	93105777	5994100010210
HB4	9006U	B1	1/10/100	51	P22d	2	93105081	5994100009634
		BL1	1/10			2	93105778	5994100010227
H10	9145U	B1	1/10/100	42	PY20d	3	93110962	5994100029229
HIR 2	54430U	B1	1/10/100	55	PX22d	4	93111389	5994100029021
H27W/1	54480U	B1	1/10/100	27	PG13	5	93106980	5994100012221
H27W/2	54490U	B1	1/10/100	27	PGJ13	6	93106981	5994100012238



Miniature lamps

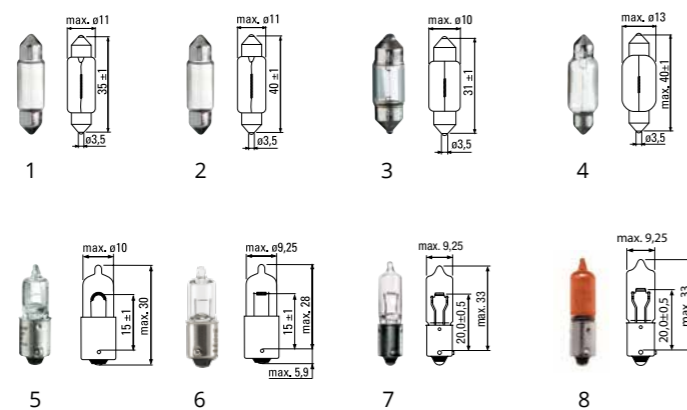
- side signals, warning lamps
- stop lamps
- rear fog lamps
- license plate
- reverse lamps
- parking lamps
- dashboard lamps
- interior lamps
- indicator lamps
- side turn signal lamps



12V Tungstram 'Original' range

Miniature lamps

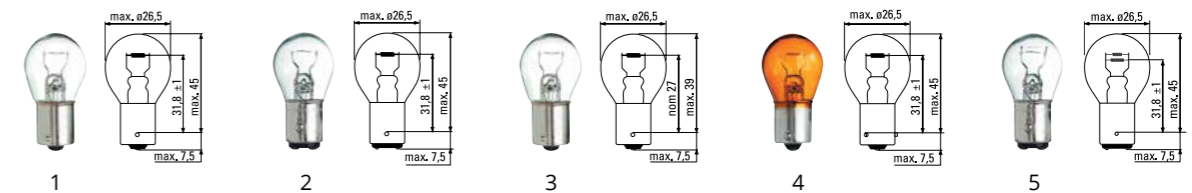
ECE	Type	Fig.	W	Fig.	SKU	EAN
CSW	7546	B1	1/10/200	5	SV8,5-8	93108002 5994100020424
		B10	10/200			93103622 5994100008712
		BL2	1/10 set			93105770 5994100010173
	7575	B10	10/200	5	SV8,5-8	93104310 5994100009504
		BL2	1/10 set			93105786 5994100010180
DIN 72601K	7576	B1	1/10/200	10	SV8,5-8	93108003 5994100020448
		B10	10/200			93103619 5994100008682
		BL2	1/10 set			93105784 5994100010197
	91735	B1	1/10/200	10	SV8,5-8	93110525 5994100027843
		B10	10/200			93110519 5994100027898
		BL2	1/10 set			93110517 5994100027966
	7592	B10	10/200	15	SV8,5-8	93104312 5994100009528
		BL2	1/10 set			93105792 5994100010203
	7593	B10	10/200	18	SV8,5-8	93104313 5994100009535
		B1	1/20	10	BA9s	93111370 5994100029168
H6W	52830U	B1	1/10/100	6	BAX9s	93105097 5994100009696
		BL1	1/10			93111372 5994100029144
H21W	53990U	B10	1/10/200	21	BAY9S	93110533 5994100026372
HY21W	54410U	B10	10/200	21	BAY9S	93117206 5994100056782



12V Tungstram 'Original' range

Miniature lamps

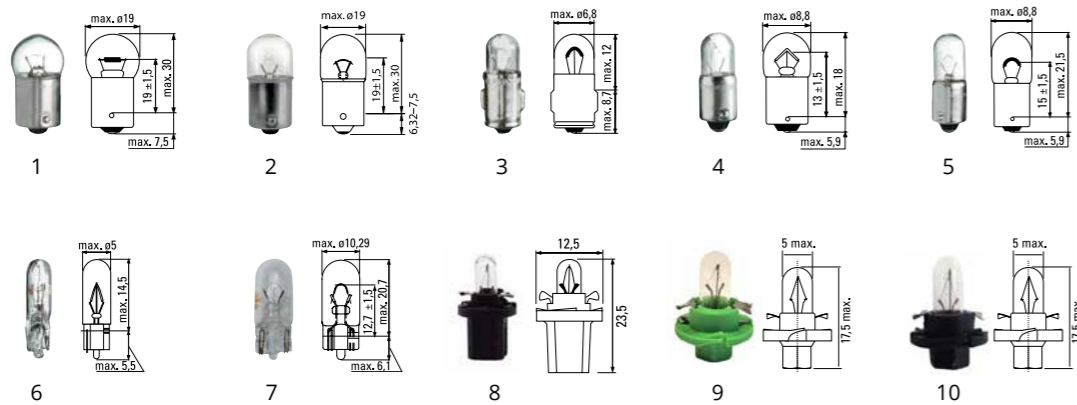
ECE	Type	Fig.	W	Fig.	SKU	EAN
P21W	1057	B1	1/10/200	21	BA15s	93088857 5994100005452
		B10	10/200			93103601 5994100008507
		BL2	1/10 set			93088856 5994100005445
P21W	1058	B10	10/200	21	BA15d	93103600 5994100008491
DIN72601R	1059	B10	10/200	18	BA15s	93104195 5994100009351
DIN72601F	1143	B10	10/200	15	BA15s	93104301 5994100009412
PY21W	1056	B1	1/10/200	21	BAU15s	93088712 5994100005421
		B10	10/200			93103603 5994100008521
		BL2	1/10 set			93088263 5994100005414
P21/5W	1077	B1	1/10/200	21/5	BAY15d	93088858 5994100005629
		B10	10/200			93103607 5994100008569
		BL2	1/10 set			93089848 5994100005612
	1098	B10	10/200	20/5	BA15d	93104303 5994100009436
		BL2	1/10 set			93105791 5994100009924
P21/4W	1122	B10	10/200	21/4	BAZ15d	93103606 5994100008552
		BL2	1/10 set			93105785 5994100009931



12V Tungfram 'Original' range

Miniature lamps

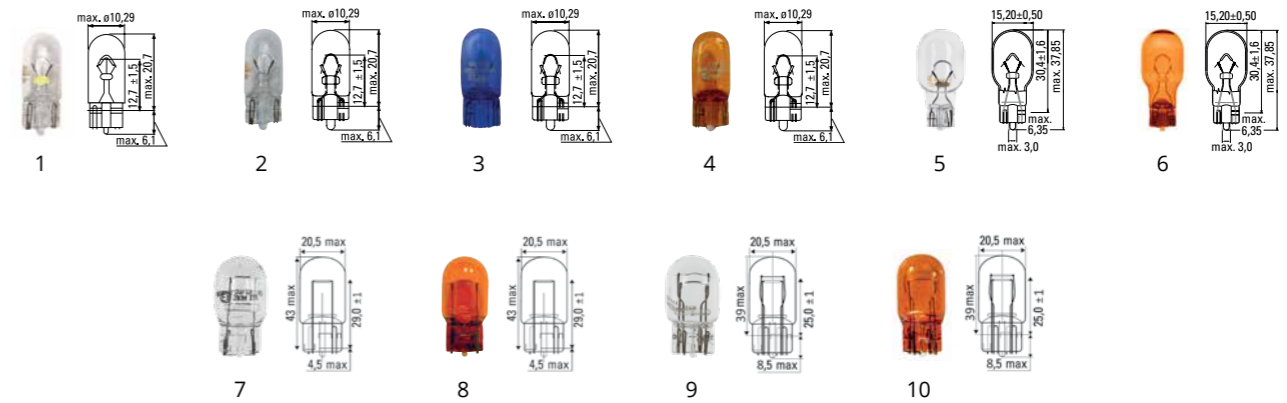
ECE	Type	Fig.	W	SKU	EAN			
R5W	2619	B1	1/10/200	5	BA15s	1	93106956	5994100012368
		B10	10/200			1	93103608	5994100008576
		BL2	1/10 set			1	93105772	5994100009955
R5W	2619T	B10	10/200	5	BA15s	2	93103612	5994100008613
R10W	2641	B1	1/10/200	10	BA15s	1	93108000	5994100020011
		B10	10/200			1	93103609	5994100008583
		BL2	1/10 set			1	93105771	5994100009979
R10W	2641T	B10	10/200	10	BA15s	2	93103613	5994100008620
DIN 72601J	2696	B10	10/200	2	BA7s	3	93104308	5994100009481
				3	BA9s	4	93103614	5994100008637
				2	BA9s	4	93103615	5994100008644
T4W	2662	B1	1/10/200	4	BA9s	5	93108001	5994100020073
		B10	10/200			5	93103618	5994100008675
		BL2	1/10 set			5	93105773	5994100009986
	5301	B1	1/10/200	1,2	W2x4,6d	6	93108008	5994100020301
		B10	10/200			6	93103626	5994100008750
		BL2	1/10 set			6	93105782	5994100010111
	5313	B10	10/200	2	W2.1X9,5D	7	93104316	5994100009566
	5330PS	B10	10/200	1,2	B8,5d	8	93110435	5994100027928
		B1	1/10/200			8	93110526	5994100027836
	5332PS	B10	10/200	2	BX8,4d	9	93110531	5994100026396
	5333PS	B10	10/200	1,2	BX8,4d	10	93110532	5994100026389
	91605	B10	10/200	2	W2x4,6d	6	93110536	5994100026341



12V Tungfram 'Original' range

Miniature lamps

ECE	Type	Fig.	W	SKU	EAN			
W3W	504	B1	1/10/200	3	W2,1x9,5d	1	93108006	5994100020202
		B10	10/200			1	93103625	5994100008743
		BL2	1/10 set			1	93105783	5994100010067
W5W	501	B1	1/10/200	5	W2,1x9,5d	2	93108007	5994100020097
		B10	10/200			2	93103623	5994100008729
		BL2	1/10 set			2	93105774	5994100009993
W5W	501NB	B10	10/200	5	W2,1x9,5d	3	93111381	5994100029076
		BL2	1/10 set			3	93111385	5994100029274
				4	W2,1x9,5d	4	93103624	5994100008736
WY5W	501NA	B10	10/200	5	W2,1x9,5d	4	93103624	5994100008736
		BL2	1/10 set			4	93105795	5994100010005
W16W	W16W	B10	10/200	16	W2,1x9,5d	5	93106983	5994100012252
WY16W	WY16WNAL	B10	10/200	16	w2,1x9,5d	6	93111387	5994100029038
		BL2	1/10 set			6	93111386	5994100029267
W21W	7440	B1	1/10/100	21	W3x16d	7	93110530	5994100026402
		BL2	1/10 set			7	93110528	5994100027942
WY21W	7440NA	B1	1/10/100	21	W3x16d	8	93110523	5994100027850
		BL2	1/10 set			8	93110524	5994100027959
W21/5W	7443	B1	1/10/100	21/5	W3x16q	9	93110529	5994100027812
		BL2	1/10 set			9	93110537	5994100027935
	7443NA	B1	1/10/200	21/5	W3x16q	10	93110538	5994100026334





Extended long lifetime



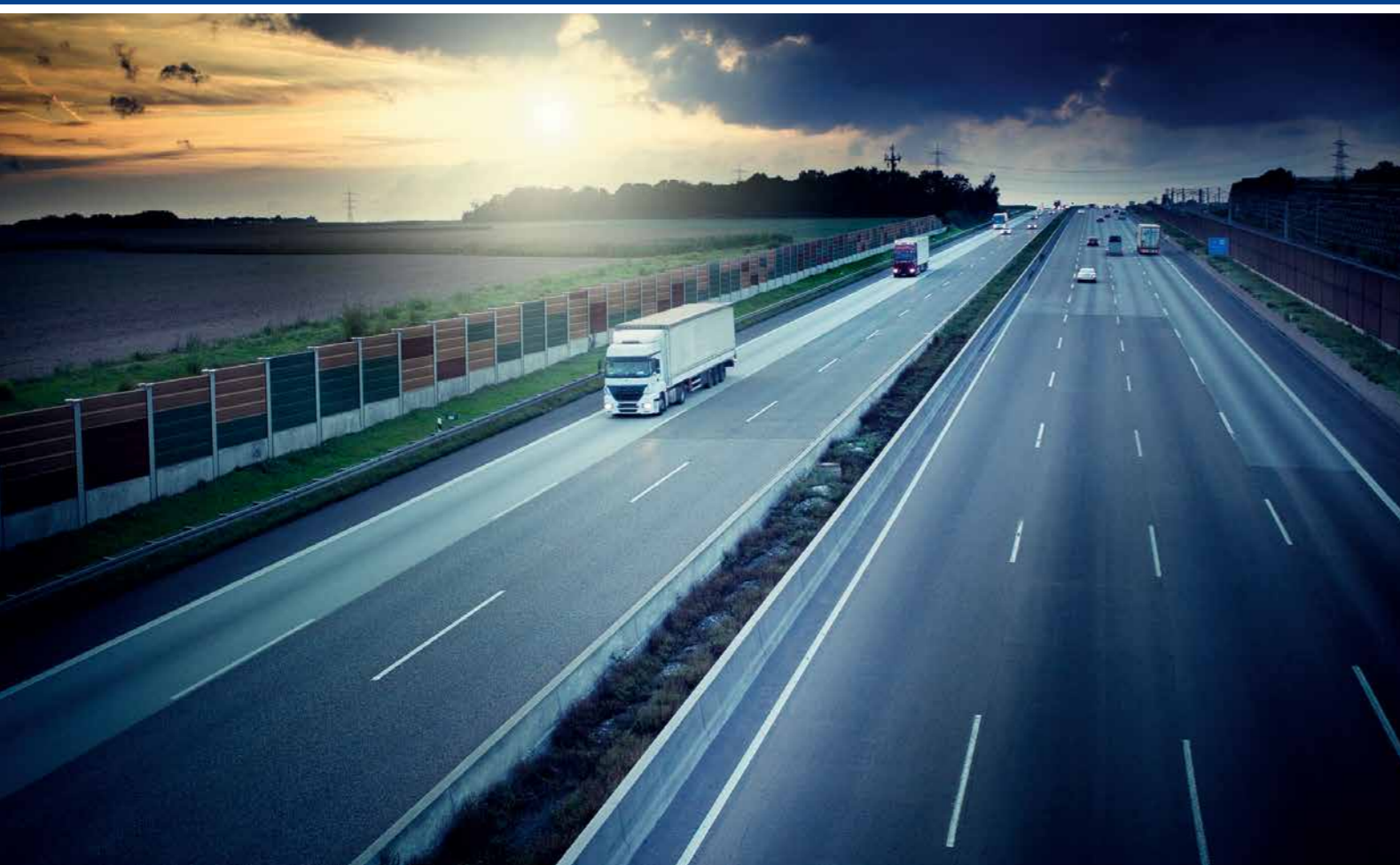
More robust

STREET LEGAL

24V Truck lamps with longer life and increased robustness

Designed and manufactured to withstand the demands of the professional commercial vehicle market. Tungfram 24V bulbs are the first choice for both the fleet and specialist users.

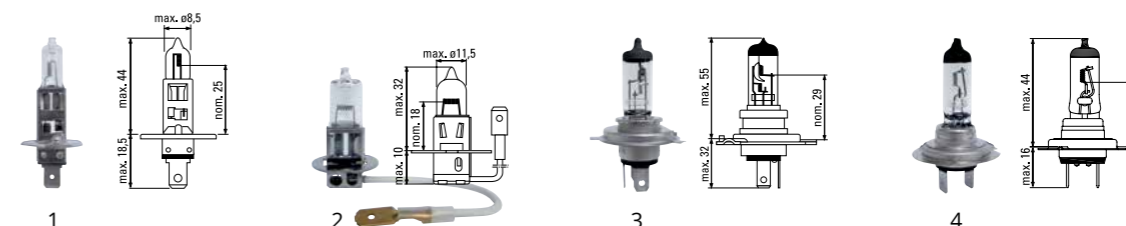
Longer intervals between changes, more economical driving.



24V

Heavy Star - Halogen headlight lamps

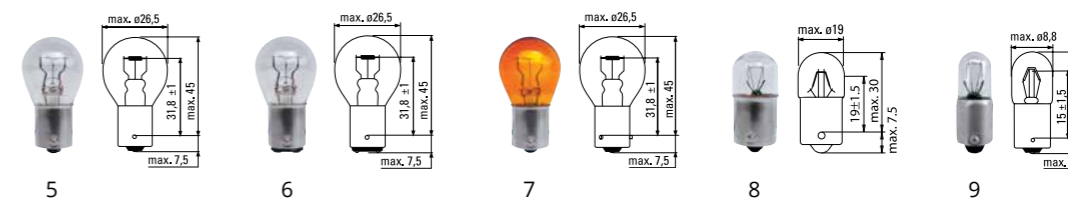
ECE	Type	Fig.	W	Fig.	SKU	EAN		
H1	50320U_HDL	B1	1/10/100	70	P14,5s	1	93105106	5994100009788
H3	50350U_HDL	B1	1/10/100	70	Pk22s	2	93105105	5994100009771
H4	50450HDLU	B1	1/10/100	75/70	P43t	3	93105107	5994100009795
H7	58521LU_HDL	B1	1/10/100	70	Px26d	4	93105108	5994100009801



Always change the headlamps by pair.

Heavy Star - Miniature lamps

ECE	Type	Fig.	W	Fig.	SKU	EAN		
P21W	1060HDL	B10	10/200	21	BA15s	5	93097345	5994100007173
P21W	1061HDL	B10	10/200	21	BA15d	6	93111378	5994100029083
PY21W	1073HDNA_L	B10	10/200	21	BAU15s	7	93097343	5994100007135
R5W	2627HDL	B10	10/200	5	BA15s	8	93095324	5994100006923
R10W	2643HDL	B10	10/200	10	BA15s	8	93095977	5994100007319
T4W	2661HDL	B10	10/200	4	BA9S	9	93108010	5994100020066



Lampes 24V de camion avec une durée de vie plus longue et une robustesse accrue

- Conçue et fabriquée pour résister aux exigences du marché des véhicules utilitaires professionnels.
- intervalles plus longs entre les changements.



24V Truck-Lampen mit längerer Lebensdauer und erhöhter Robustheit

- Entwickelt und hergestellt, um den Anforderungen des professionellen Nutzfahrzeugmarktes standzuhalten. Tungfram 24V-Lampen sind die erste Wahl für sowohl Flotten- als auch spezialisierte Anwender.
- Längere Wechselintervalle und wirtschaftlicheres Fahren.



Lámparas de camión de 24v, con una duración de vida más larga y una mayor solidez

- Diseñado y fabricado para satisfacer la demanda del mercado profesional de vehículos comerciales. Las lámparas Tungfram de 24v son la primera opción para flotas de vehículos así como usuarios especializados.
- Intervalos más largos para reemplazar la lámpara y con una conducción más económica.



Lampade per veicoli industriali a 24V con maggiore durata e maggiore robustezza

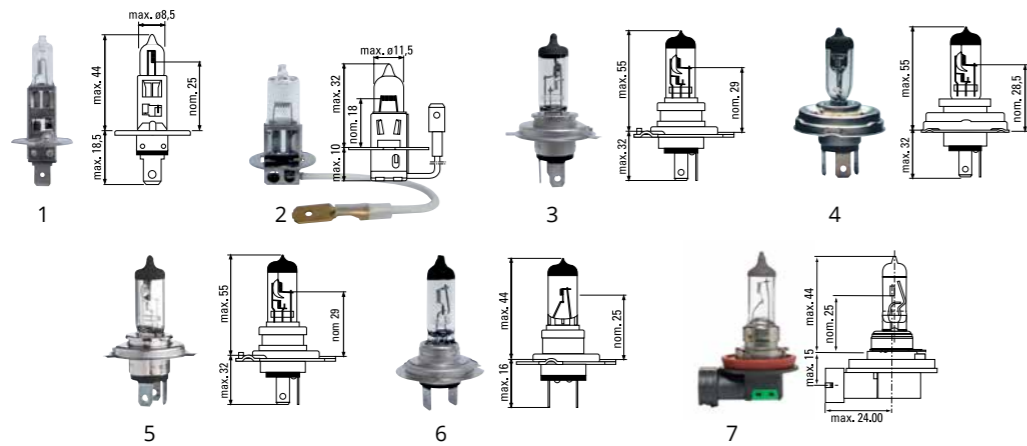
- Progettate e realizzate per resistere alle esigenze del mercato dei veicoli commerciali professionali. Le lampadine Tungfram 24V sono la prima scelta sia per la flotta di veicoli che per gli utenti specialisti.
- Intervalli di sostituzione più lunghi, guida più economica.

TC (HOUR) is the time up to which 63,2 % of tested lamps have ended their lives. Measured according to Tungfram life test specification. The life of the lamp is sensitive to the operation voltage of the car, 1% of change of the voltage results in 12-15% change of life with opposite sign.

24V Tungfram 'Original' range

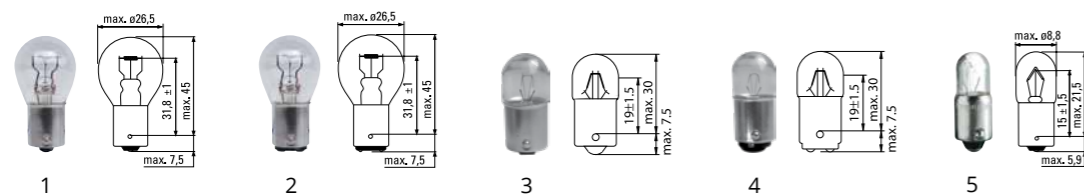
Headlight lamps

ECE	Type	Fig.	W	Fig.	SKU	EAN		
H1	50320U	B1	1/10/100	70	P14,5s	1	93103273	5994100008422
		BL1	1/10			1	93108005	5994100020196
H3	50350U	B1	1/10/200	70	Pk22s	2	93103599	5994100008484
		BL1	1/10			2	93105789	5994100010050
H4	50400U Rally*	B1	1/10/200	100	Pk22s	2	93105096	5994100009689
	50450U	B1	1/10/100	75/70	P43t	3	93103627	5994100008767
		BL1	1/10			3	93105796	5994100010081
	52710U Rally*	B1	1/10/100	100/70	P43t	3	93105084	5994100009665
	52730U Rally*	B1	1/10/100	100/70	P45t	4	93105104	5994100009764
	53130U Rally*	B1	1/10/100	100/90	P43t	5	93105103	5994100009757
	52080U	B1	1/10/100	75/70	P45t	4	93105100	5994100009726
H7	58521U	B1	1/10/100	70	Px26d	6	93104194	5994100009344
		BL1	1/10			6	93105793	5994100010166
H11	54740U	B1	1/10/100	70	PGJ19-2	7	93110959	5994100025047



Heavy Duty - Miniature lamps

ECE	Type	Fig.	W	Fig.	SKU	EAN		
P21W	1060 HD*	B1	1/10/200	21	BA15s	1	93111371	5994100029151
		B10	10/200			1	93104296	5994100009368
P21W	1061 HD*	B10	10/200	21	BA15d	2	93110963	5994100029212
R5W	2627 HD*	B1	1/10/200	5	BA15s	3	93106957	5994100012399
		B10	10/200			3	93104305	5994100009450
R5W	2626 HD*	B10	10/200	5	BA15d	4	93106565	5994100012382
R10W	2643 HD*	B1	1/10/200	10	BA15s	3	93108004	5994100020042
		B10	10/200			3	93104306	5994100009467
T4W	2661 HD*	B10	10/200	4	BA9s	5	93107996	5994100020059

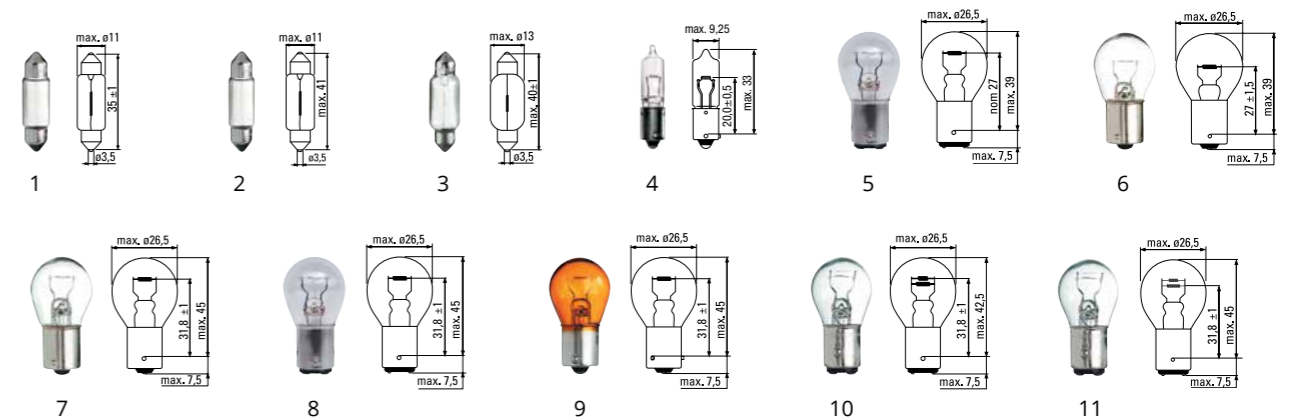


*RALLY - OFF ROAD use only
*HD - Heavy Duty lamps with filament support

24V Tungfram 'Original' range

Miniature lamps

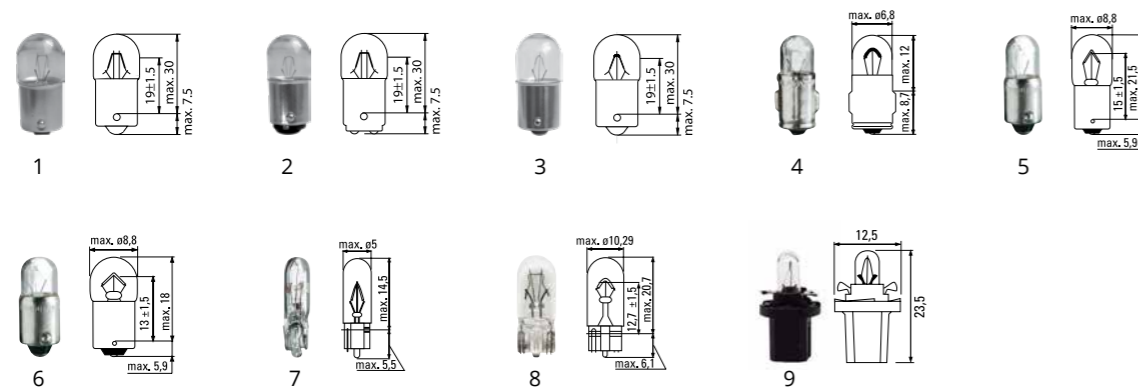
ECE	Type	Fig.	W	Fig.	SKU	EAN		
C5W	7552	B10	10/200	5	SV8,5-8	1	93103621	5994100008705
	91716	B10	10/200	10	SV8,5-8	1	93110522	5994100027867
	7579	B10	10/200	5	SV8,5-8	2	93104311	5994100009511
	7580	B10	10/200	10	SV8,5-8	2	93103620	5994100008699
	7594	B10	10/200	15	SV8,5-8	3	93104314	5994100009542
DIN 72601K	7595	B10	10/200	18	SV8,5-8	3	93104315	5994100009559
H21W	54400U	B10	10/200	21	BAY9s	4	93110534	5994100026365
	1114	B10	10/200	15	BA15d	5	93104298	5994100009382
	1115	B10	10/200	15	BA15s	6	93104299	5994100009399
DIN 72601R	1117	B10	10/200	18	BA15s	6	93104300	5994100009405
P21W	1060	B10	10/200	21	BA15s	7	93103602	5994100008514
P21W	1061	B10	10/200	21	BA15d	8	93104297	5994100009375
PY21W	1073	B10	10/200	21	BAU15s	9	93103604	5994100008538
P21/5W	1078	B1	1/10/200	21/5	BAY15d	10	93106958	5994100012351
		B10	10/200			10	93103605	5994100008545
		BL2	1/10 set			10	93105790	5994100009917
	1124	B10	10/200	18/5	BA15d	11	93105098	5994100009702
	1126	B10	10/200	18/5	BAY15d	10	93105099	5994100009719



24V Tungram 'Original' range

Miniature lamps

ECE	Type	Fig.	W	SKU	EAN
R5W	2627	B10 10/200	5 BA15s	93103610	5994100008590
R5W	2626	B10 10/200	5 BA15d	93104304	5994100009443
R10W	2643	B10 10/200	10 BA15s	93103611	5994100008606
DIN 72601J	2692	B10 10/200	3 BA7s	93104307	5994100009474
T4W	2661	B10 10/200	4 BA9s	93103617	5994100008668
	2663	B10 10/200	2 BA9s	93103616	5994100008651
	91602	B10 10/200	1,2 W2x4,6d	93106974	5994100012184
		B1 1/10/200		93110518	5994100027904
	5331PS	B1 1/10/200	1,2 B8,5d	93110527	5994100027829
		B10 10/200		93110516	5994100027911
W3W	91612	B1 1/10/200	3 W2,1x9,5d	93110535	5994100026358
		B10 10/200		93106970	5994100012146
W5W	91622	B10 10/200	5 W2,1x9,5d	93106969	5994100012139



Lamp kits

KIT/4

CONTENT

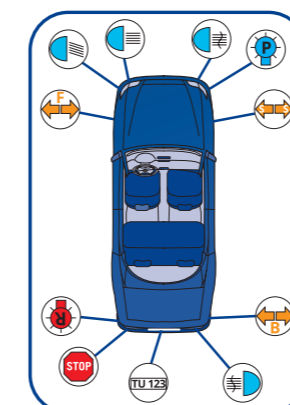
CONTENT	Fig.	SKU	EAN
2XH1 Sportlight + 2X501NB W5W	1/10	93113956	5994100032052
2XH1 Megalight Ultra +90 + 2X501NB W5W	1/10	93113953	5994100032021
2XH4 Sportlight + 2X501NB W5W	1/10	93113954	5994100032038
2XH4 Megalight Ultra +90 + 2X501NB W5W	1/10	93113951	5994100032007
2XH7 Sportlight + 2X501NB W5W	1/10	93113955	5994100032045
2XH7 Megalight Ultra +90 + 2X501NB W5W	1/10	93113952	5994100032014



Emergency Kits

CONTENT

CONTENT	Fig.	SKU	EAN
H4, PY21W, P21/5W, P21W, R5W, C5W, W5W, T4W, normal fuses 10A, 15A, 20A, mini fuses 7,5A, 10A, 20A	1/10	93113894	5994100031932
H1, PY21W, P21/5W, P21W, R5W, C5W, W5W, T4W, normal fuses 10A, 15A, 20A, mini fuses 7,5A, 10A, 20A	1/10	93113946	5994100031956
H7, PY21W, P21/5W, P21W, R5W, C5W, W5W, T4W, normal fuses 10A, 15A, 20A, mini fuses 7,5A, 10A, 20A	1/10	93113895	5994100031949
H1+H7, PY21W, P21/5W, P21W, R5W, C5W, W5W, T4W, normal fuses 10A, 15A, 20A, mini fuses 7,5A, 10A, 20A	1/10	93113947	5994100031963
24V H1+H7, PY21W, P21/5W, P21W, R5W, C5W, W5W, T4W, normal fuses 10A, 15A, 20A, mini fuses 7,5A, 10A, 20A	1/10	93113950	5994100031994



Lamp 12V	Watt	Function
H1+H7	55	Headlight
T4W	4	Interior light
R5W	5	Side indicator light
P21/5W	21/5	Stop light
C5W	5	Turn signal light
P21W	21	Stop light
PY21W	21	Turn signal light
W5W	5	Turn signal light

fuses: 10A, 15A, 20A, mini 7.5A, 10A, 20A



Accessories

LED Inspection lamps

LED Inspection lamps are high-quality lamps suitable for Automotive garages and many other industries, providing exceptional brightness.

Hands-free lamps which incorporate hooks and magnets to secure them. They are equipped with a long-lasting and rechargeable battery and can be charged via USB.

Type 63000 can be charged using the AC/DC adapter included in the package. It can be also connected to the docking station included in the package.



	type 63000	type 63010
Storage temperature:	-10 °C to +40 °C	-10 °C to +40 °C
Operation temperature:	-10 °C to +40 °C	-10 °C to +40 °C

Type	CCT (K)	LUMENS	Fig.	SKU	EAN
63000	6000	1000/500	1	93114126	5994100032120
63010	5700	240/140	2	93114055	5994100029564

Displays

In order to satisfy our customers' needs and facilitate the sales of Tungram products, we provide customers with a range of solutions to show and store auto bulbs at the point of sale or installation.

Containing the fast moving references in a choice of either single, 10 way or twin boxes, or blister packs, these wall mounted or counter displays offer easy access to Tungram 12V, 24 V standard and premium ranges, are practical for everyday use - with an easy removal and refill of lamps.



Car shaped display shipped without lamps

Vacuum molded plastic (PS), metal hooks

- High quality materials, attractive car shaped design with blinking LED lights
- No defined lamp positions - row of hooks suitable for presenting blister packs, single boxes, premium twin boxes, new products
- Drawer for free placement of any additional lamp type
- Size: 55,5x76x41 cm

SKU: 93115085



Generic counter/desk or wall display shipped without lamps

Vacuum molded plastic (PS), metal hooks

- High quality materials, attractive design, showing main premium ranges features, benefits
- Graphic interface with 6 small LED blinking lights
- No defined lamp positions - suggested for use of premium halogen lamps, 18 twinboxes or blisters (any mix)
- Installation: desk stand or wall mounted
- Size: 37x57x22cm

SKU: 93115086

Wall cupboard - shipped without lamps

Vacuum molded plastic (PS) with lock

- High quality materials, attractive design, practical for everyday use - easy removal and refill of lamps
- Defined lamp positions - discharge, basic halogen, miniature lamps
- 2 drawers for free placement of any additional lamp type
- Size: 61 x 14 x 71 cm

SUGGESTED CONTENT:

- H4, H7, H1 - 20-20 pcs single boxes
- D1S, D1R - 3-3 pcs single boxes
- D2S - 4 pcs single boxes
- P21W, P21/5W, PY21W - 1-1 pc ten way box
- R5W - 2 pcs ten way boxes
- R10W - 1 pc ten way box
- T4W - 2 pcs ten way boxes
- W1, 2W, W3W, W5W - 1-1 pc ten way box
- C5W, H6W or any other lamp types in bulk or box pack in the 2 drawers

SKU: 93115081



SKU: 93115087



Carton display - shipped without lamps

- High quality carton, attractive design
- Suitable for premium halogen lamps, 9 twinboxes (any mix)
- Size: 30,5x17x 23,5cm

Car shaped wall display Shipped with or without lamps

Vacuum formed plastic

- With positions for halogen boxes
- Foam insert suitable for miniature lamps
- Place for 161 lamps all together
- Size: 77cm x 55cm

CONTENT:

- H1 - 6 pcs
- H4 - 5 pcs
- H7 - 10 pcs
- P21W - 20 pcs
- PY21W - 10 pcs
- P21/5W - 30 pcs
- R5W - 20 pcs
- C5W - 20 pcs
- W5W - 20 pcs
- W1,2W - 20 pcs

SKU: 93115641 (empty)

SKU: 93115643 (filled)



New packaging design

As the major supplier to the automotive OEM and aftermarket customers for decades, Tungsram maintains to perform groundbreaking work in terms of meeting its customers' needs today and finding solutions to their problems in the future, too. Our heritage is the outstanding quality represented in each manufactured product and the innovation that keeps driving the company toward new challenges. As such, our forward-thinking mentality needed a new visual representation: a new packaging that brightens the customer experience and creates more volume in upselling.

Standard packaging

SINGLE BOX

Packaging type	B1 single pack
Content	1 lamp
Material	carton



H7 (E1) 23P
12V 55W
PX26d
58520U B1

Product description and main data

10 WAY BOX

Packaging type	B10 10 way pack
Content	10 lamps
Material	carton



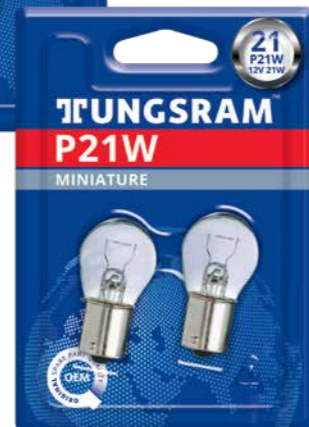
Differentiate 24V with green colour

C5W **24V**
MINIATURE



SINGLE BLISTER

Packaging type	BL1 single blister
Content	1 lamp
Material	carton/plastic



TWIN BLISTER

Packaging type	BL2 twin blister set
Content	2 lamps
Material	carton/plastic

*SET - unit of measure. It contains two bulbs in a twin box or blister. Orders should be accepted and entered into the system as 'set'.

Premium packaging

Colour coded premium packages tied directly to POS messaging for easy identification:

- differentiation across various premium ranges
- with feature/benefit logo, explain how one product differs from another, and why it is most appropriate for its task
- rationalize the move to upsell in the halogen and miniature lamp categories

SINGLE BOX

Packaging type	B1 single box
Content	1 lamp
Material	carton



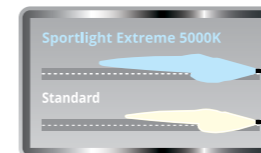
Premium benefit pictograms



Up to +20% more light

CARTON TWINBOX

Packaging type	B2 twin box set
Content	2 lamps
Material	carton/plastic



Premium benefit pictograms

PLASTIC TWINBOX

Packaging type	PB2 plastic twin box set
Content	2 lamps
Material	plastic



Premium benefit pictograms

- ✓ Emphasize premium features, benefits
- ✓ Coherent with standard, but more upsell look
- ✓ Easy identification, differentiations across various ranges

*SET - unit of measure. It contains two bulbs in a twin box or blister. Orders should be accepted and entered into the system as 'set'.

Colour codes

HALOGEN PREMIUM RANGES

Megalight Ultra +150
Up to 150% more light on the road



Megalight Ultra +130
Up to 130% more light on the road



Megalight Ultra +120
Up to 120% more light on the road



Megalight Ultra +90
Up to 90% more light on the road



Megalight Plus 50-60
Up to 50-60% more light on the road



Sportlight Extreme
Up to 40% more light on the road, up to 5000K



Sportlight Ultra
Up to 30% more light on the road, up to 4200K



Long Life
Better economy for daytime lighting, up to 3x longer life



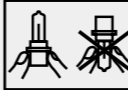









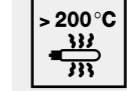
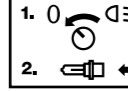


Sportlight
Up to 50% more light on the road, up to 3800K



Heavy Star
Longer life, increased robustness

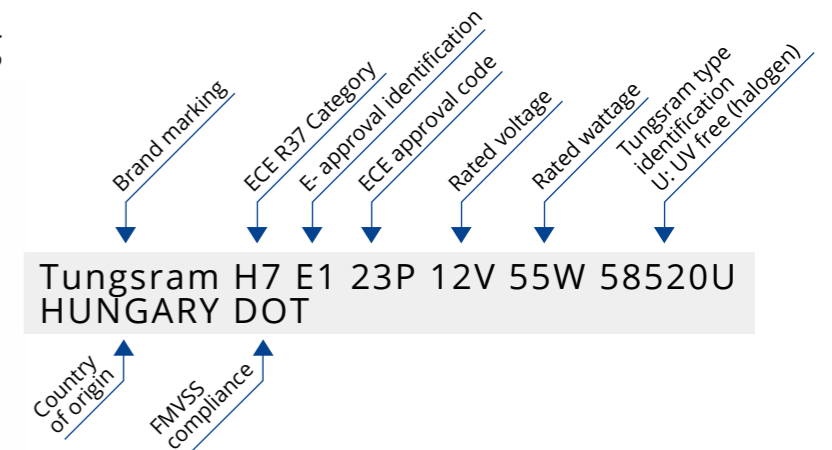


Symbols used on the packaging

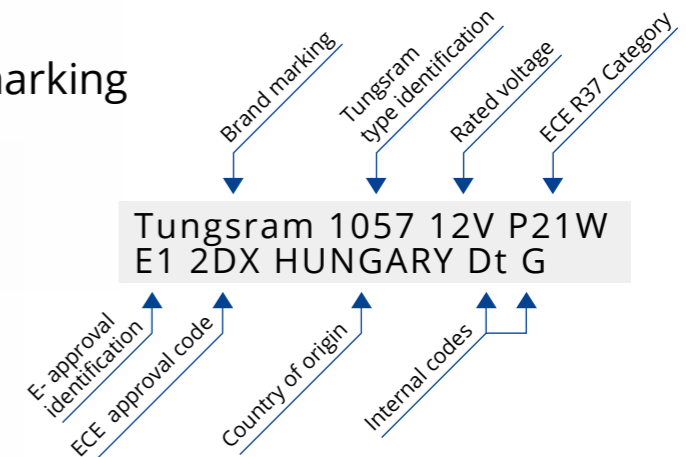
 Do not touch with bare fingers	 No disposal as household waste	 For removal and installation use appropriate eye protection	 Dangerous voltage	 Installation and servicing of electronic device only by qualified electrical employees	 For removal and installation use appropriate gloves	 Read attached instructions before use
 Operation only in luminaire installations with protective shield	 Don't let children play with bulbs	 No operation of lamps with scratched or damaged glass bulb	 Beware of temperature	 Switch off light before re-lamping	 Not suitable for household use	 Use as vehicle lamp 12V or 24V

Base stamps on the Tungram automotive lamps

Halogen auto lamp marking



Miniature auto lamp marking



Lamp bases

Culot – Sockelübersicht – Casquillos de lámparas – Attacchi lampade



Tungram Blister range

Product Code	Type	Designation	Simplified number	Pack unit	Lamp in blister	Wattage	Volt	EAN code
93105767	50310U	H1	04	BL1 1/10	1	55W	12V	5994100010012
93108024	50310MPU	H1 Megalight Plus 50	04MPU	BL2 1/10 set	2	55W	12V	5994100020127
93108030	50310XU	H1 Megalight Ultra - Plus 90	04XU	BL2 1/10 set	2	55W	12V	5994100020172
93105797	50310NU	H1 Megalight Ultra - Plus 120	04NU	BL2 1/10 set	2	55W	12V	5994100010036
93108040	50310XNU	H1 Megalight Ultra - Plus 130	04XNU	BL2 1/10 set	2	55W	12V	5994100020158
93105779	50310LU	H1 Long Life	04LU	BL2 1/10 set	2	55W	12V	5994100010029
93108026	50310NHSU	H1 Sportlight	04NHSU	BL2 1/10 set	2	55W	12V	5994100020134
93108035	50310SBU	H1 Sportlight Ultra	04SBU	BL2 1/10 set	2	55W	12V	5994100020141
93105781	52140U	H1 Rally - offroad	104	BL1 1/10	1	100W	12V	5994100010104
93108005	50320U	H1	74	BL1 1/10	1	70W	24V	5994100020196
93105766	50340U	H3	05	BL1 1/10	1	55W	12V	5994100010043
93105787	52130U	H3 Rally - offroad	105	BL1 1/10	1	100W	12V	5994100010098
93105789	50350U	H3	75	BL1 1/10	1	70W	24V	5994100010050
93105769	58520SU	H7	03	BL1 1/10	1	55W	12V	5994100010159
93108031	58520SPU	H7 Sportlight	03SPU	BL2 1/10 set	2	55W	12V	5994100020370
93108037	58520SBU	H7 Sportlight Ultra	03SBU	BL2 1/10 set	2	55W	12V	5994100020356
93108025	58520MPU	H7 Megalight Plus 50	03MPU	BL2 1/10 set	2	55W	12V	5994100020349
93108028	58520SXU	H7 Megalight Ultra - Plus 90	03SXU	BL2 1/10 set	2	55W	12V	5994100020387
93108034	58520SNU	H7 Megalight Ultra - Plus 120	03SNU	BL2 1/10 set	2	55W	12V	5994100020363
93108038	58520XNU	H7 Megalight Ultra - Plus 130	03XNU	BL2 1/10 set	2	55W	12V	5994100020400
93108023	58520LU	H7 Long Life	03LU	BL2 1/10 set	2	55W	12V	5994100020318
93105793	58521U	H7 24V	77	BL1 1/10	1	70W	24V	5994100010166
93105768	50440U	H4	01	BL1 1/10	1	60/55W	12V	5994100010074
93105796	50450U	H4	71	BL1 1/10	1	60/55W	24V	5994100010081
93108029	50440MPU	H4 Megalight Plus 60	01MPU	BL2 1/10 set	2	60/55W	12V	5994100020226
93108027	50440SXU	H4 Megalight Ultra - Plus 90	01SXU	BL2 1/10 set	2	60/55W	12V	5994100020264
93108033	50440SNU	H4 Megalight Ultra - Plus 120	01SNU	BL2 1/10 set	2	60/55W	12V	5994100020240
93108039	50440XNU	H4 Megalight Ultra - Plus 130	01XNU	BL2 1/10 set	2	60/55W	12V	5994100020271
93108022	50440LU	H4 Long Life	01LU	BL2 1/10 set	2	60/55W	12V	5994100020219
93108032	50440SPU	H4 Sportlight	01SPU	BL2 1/10 set	2	60/55W	12V	5994100020257
93108036	50440SBU	H4 Sportlight Ultra	01SBU	BL2 1/10 set	2	60/55W	12V	5994100020233
93105777	9005U	HB3	07	BL1 1/10	1	60W	12V	5994100010210
93105778	9006U	HB4	09	BL1 1/10	1	51W	12V	5994100010227
93105775	53090U	H8	13	BL1 1/10	1	35W	12V	5994100010128
93105776	53100U	H9	15	BL1 1/10	1	65W	12V	5994100010135
93105794	53110U	H11	16	BL1 1/10	1	55W	12V	5994100010142
93088856	1057	P21W	21	BL2 1/10 set	2	21W	12V	5994100005445
93088264	1057L	P21W Long Life	21L	BL2 1/10 set	2	21W	12V	5994100005520
93089848	1077	P21/5W	23	BL2 1/10 set	2	21/5W	12V	5994100005612
93088860	1077L	P21/5W Long Life	23L	BL2 1/10 set	2	21/5W	12V	5994100005636
93105790	1078	P21/5W	93	BL2 1/10 set	2	21/5W	24V	5994100009917
93105791	1098	20/5W	48	BL2 1/10 set	2	20/5W	12V	5994100009924
93105785	1122	P21/4W	20	BL2 1/10 set	2	21/4W	12V	5994100009931
93088263	1056	PY21W	22	BL2 1/10 set	2	21W	12V	5994100005414
93105772	2619	R5W	24	BL2 1/10 set	2	5W	12V	5994100009955
93105780	2619L	R5W Long Life	24L	BL2 1/10 set	2	5W	12V	5994100009962
93105773	2662	T4W	26	BL2 1/10 set	2	4W	12V	5994100009986
93111368	2662L	T4W Long Life	26L	BL2 1/10 set	2	4W	12V	5994100029311
93105771	2641	R10W	30	BL2 1/10 set	2	10W	12V	5994100009979
93105782	5301	W1,2W	29	BL2 1/10 set	2	1,2W	12V	5994100010111
93105783	5304	W3W	27	BL2 1/10 set	2	3W	12V	5994100010067
93105774	501	W5W	28	BL2 1/10 set	2	5W	12V	5994100009993
93105795	501NA	WY5W	33	BL2 1/10 set	2	5W	12V	5994100010005
93111385	501NB	W5W	28	BL2 1/10 set	2	5W	12V	5994100029274
93105770	7546	C5W	25	BL2 1/10 set	2	5W	12V	5994100010173
93111369	7546L	C5W Long Life	25L	BL2 1/10 set	2	5W	12V	5994100029304
93105786	7575	7575	40	BL2 1/10 set	2	5W	12V	5994100010180
93105784	7576	DIN 72601K	31	BL2 1/10 set	2	10W	12V	5994100010197
93110517	91735	91735	32	BL2 1/10 set	2	10W	12V	5994100027966
93105792	7592	72601K	42	BL2 1/10 set	2	10W	12V	5994100010203
93111372	52830U	H6W	62	BL1 1/10	1	6W	12V	5994100029144
93110528	7440	W21W	50	BL2 1/10 set	2	21W	12V	5994100027942
93110537	7443	W21/5W	49	BL2 1/10 set	2	21/5W	12V	5994100027935
93110524	7440NA	WY21W	51	BL2 1/10 set	2	21W	12V	5994100027959
93111386	WY16W	WY16WNAL	52	BL2 1/10 set	2	16W	12V	5994100029267
93080380	60140	LED W3W, W5W	53	BL2 1/10 set	2	0.5W	12V	0064894584053
93095655	60210	LED DIN72601K	59	BL1 1/10	1	0.5W	12V	5994100006909
93108744	60200	LED C5W	54	BL1 1/10	1	0.5W	12V	5994100010258
93074321	60170	LED W3W, W5W	65	BL2 1/10 set	2	0.5W	12V	0064894578090
93095654	60240	LED DIN72601K	61	BL1 1/10	1	0.5W	12V	5994100006916
93108743	60230	LED C5W	55	BL1 1/10	1	0.5W	12V	5994100011934
93116981	60570	LED Festoon 28mm	81	BL1 1/10	1	0.7	12V	5994100054276
93116983	60590	LED Festoon 31mm	83	BL1 1/10	1	0.7	12V	5994100054290
93116985	60630	LED P21W	85	BL1 1/10	1	3	12V	5994100054818
93117017	60650	LED P21/5W	87	BL1 1/10	1	3/0.55W	12V	5994100054832
93117021	60690	LED W21W	91	BL1 1/10	1	3	12V	5994100054870
93117023	60710	LED W21/5W	94	BL1 1/10	1	3/0.55W	12V	5994100054894
93117031	60790	LED M5	98	BL1 1/10	1	5	12V	5994100054979
93116980	60560	LED Festoon 28mm	80	BL1 1/10	1	0.7	12V	5994100054269
93116982	60580	LED Festoon 31mm	82	BL1 1/10	1	0.7	12V	5994100054283
93116984	60620	LED P21W	84	BL1 1/10	1	3	12V	5994100054306
93117016	60640	LED P21/5W	86	BL1 1/10	1	3/0.55W	12V	5994100054825
93117020	60680	LED W21W	90	BL1 1/10	1	3	12V	5994100054863
93117022	60700	LED W21/5W	92	BL1 1/10	1	3/0.55W	12V	5994100054887
93117030	60780	LED M5	97	BL1 1/10	1	5	12V	5994100054962
93117025	60730	LED W21/5W	96	BL1 1/10	1	3/0.55W	12V	5994100054917
93117018	60660	LED P21W	88	BL1 1/10	1	3	12V	5994100054849
93117019	60670	LED P21/5W	89	BL1 1/10	1	3/0.55W	12V	5994100054856
93117024	60720	LED W21W	95	BL1 1/10	1	3	12V	5994100054900

GE/Tungsrām cross reference

GE		TUNGSRAM	
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14186	0043168141864	93106564	5994100012283
17117	0043168354325	93105766	5994100010043
17119	0043168354301	93105767	5994100010012
17120	0043168354417	93105768	5994100010074
17123	0043168354356	93105769	5994100010159
17129	0043168354608	93105770	5994100010173
17130	0043168354097	93089848	5994100005612
17131	0043168354066	93088856	5994100005445
17133	0043168354073	93088263	5994100005414
17134	0043168354059	93105771	5994100009979
17136	0043168353984	93105772	5994100009955
17137	0043168354509	93105773	5994100009986
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17218	9004102238058	93103601	5994100008507
17219	9004102349914	93103600	5994100008491
17221	9004102238072	93103602	5994100008514
17222	9004102348849	93104296	5994100009368
17223	9004102349938	93104297	5994100009375
17225	9004102349921	93110963	5994100029212
17228	9004102238096	93103607	5994100008569
17232	9004102238133	93103605	5994100008545
17238	0043168387422	93104299	5994100009399
17240	0043168387446	93104300	5994100009405
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17253	9004102238270	93103608	5994100008576
17256	9004102238348	93103609	5994100008583
17308	9004102349990	93104304	5994100009443
17309	9004102349983	93106565	5994100012382

GE		TUNGSRAM	
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17464	0043168174640	93098491	5994100007104
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18256	0043168182560	93105776	5994100010135
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21513	0043168215138	93106983	5994100012252
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23286	0043168232869	93105780	5994100009962
23292	0043168232920	93111368	5994100029311
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26742	9004102349358	93103615	5994100008644
27327	9004102238393	93103617	5994100008668
27341	9004102349334	93107996	5994100020059

GE		TUNGSRAM	
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27393	9004102349242	93104308	5994100009481
27736	0043168277365	93104303	5994100009436
27771	9004102238409	93103622	5994100008712
27773	9004102238454	93103621	5994100008705
27781	0043168379557	93104310	5994100009504
27788	0043168388061	93104311	5994100009511
27793	0043168277938	93103619	5994100008682
27795	9004102349419	93103620	5994100008699
27801	9004102349440	93104312	5994100009528
27802	0043168388078	93104314	5994100009542
27803	9004102349457	93104313	5994100009535
27806	0043168388092	93104315	5994100009559
27887	9004102238492	93103625	5994100008743
27888	0043168924580	93103623	5994100008729
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34874	9004102348740	93105079	5994100009610
34875	9004102348757	93106964	5994100012085
34876	9004102348764	93105085	5994100009672
34926	9004102349266	93111370	5994100029168
35017	0043168350174	93103275	5994100029328
35077	9004102350774	93107998	5994100020295
35434	0043168354349	93105781	5994100010104
35451	0043168354516	93105782	5994100010111
35452	0043168354523	93105783	5994100010067
35463	0043168354639	93105784	5994100010197
35752	0043168357524	93107999	5994100008446
35931	0043168359313	93105785	5994100009931
35974	0043168359740	93103596	5994100008453
35975	0043168359757	93105083	5994100009658
36472	0043168364720	93105081	5994100009634
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37894	0043168378949	93088857	5994100005452

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37898	0043168378987	93106957	5994100012399
37899	0043168378994	93108000	5994100020011
37900	0043168379007	93108001	5994100020073
37912	0043168379120	93108002	5994100020424
37913	0043168379137	93108003	5994100020448
37956	0043168379564	93105786	5994100010180
37958	0043168379588	93108004	5994100020042
37963	0043168379632	93105787	5994100010098
37964	0043168379649	93088712	5994100005421
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38679	0043168386791	93108005	5994100020196
38727	0043168387279	93105790	5994100009917
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38731	0043168387316	93106958	5994100012351
38803	0043168388030	93105792	5994100010203
38836	9004102237402	93103627	5994100008767
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38849	0043168388498	93105097	5994100009696
38850	0043168388504	93111372	5994100029144
39459	0043168394598	93110517	5994100027966
41952	0043168379106	93108006	5994100020202
41961	0043168379113	93108007	5994100020097
42799	9004102238669	93103626	5994100008750
42804	0043168379076	93108008	5994100020301
43066	9004102237471	93105100	5994100009726
45337	0043168453370	93111373	5994100029137
45342	0043168453424	93111374	5994100029120
45346	0043168453462	93106959	5994100012337
45348	0043168453486	93106960	5994100012313
45684	0043168456845	93108009	5994100020035
45685	0043168456852	93111375	5994100029113

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60957	0043168609579	93105794	5994100010142	
61485	0043168614856	93108010	5994100020066	
61493	0043168614931	93105106	5994100009788	
61494	0043168614948	93105107	5994100009795	
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61496	0043168614962	93105105	5994100009771	
65680	0043168936545	93106969	5994100012139	
65717	0043168379816	93110518	5994100027904	
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77051	0043168770514	93106963	5994100012375	
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77054	0043168770545	93108018	5994100020431	
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77095	0043168770958	93097345	5994100007173	
77097	0043168770972	93111378	5994100029083	
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77334	0043168773348	93095324	5994100006923	

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78129	0043168781299	93106982	5994100012245	
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79296	0043168792967	93098616	5994100007081	
79297	0043168792974	93098495	5994100006220	
79303	0043168793032	93111379	5994100029298	
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91579	0043168915793	93105796	5994100010081	
92563	0043168925631	93104191	5994100009313	
92565	0043168925655	93104192	5994100009320	
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93361	0043168933612	93108029	5994100020226	
93436	0043168379908	93110525	5994100027843	
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93458	0043168934589	93110530	5994100026402	
94714	0043168947145	93110533	5994100026372	
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95396	0043168953962	93113949	5994100031987	
95397	0043168953979	93108021	5994100020325	
96948	0043168969482	93108030	5994100020172	
97131	0043168971317	93108031	5994100020370	
97132	0043168971324	93108032	5994100020257	
97226	0043168387767	93110535	5994100026358	
97387	0043168936552	93111381	5994100029076	
97987	0043168936521	93110536	5994100026341	
98239	0043168982399	93098621	5994100007043	
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98264	0043168982641	93098619	5994100007067	

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98266	0043168982665	93105797	5994100010036	
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98282	0043168982825	93108034	5994100020363	
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98437	0043168984379	93098623	5994100007029	
98438	0043168984386	93098622	5994100007036	
99627	0043168996273	93113951	5994100032007	
99628	0043168996280	93113952	5994100032014	
99629	0043168996297	93113953	5994100032021	
99666	0043168996662	93113954	5994100032038	
99667	0043168996679	93113955	5994100032045	
99668	0043168996686	93113956	5994100032052	
512863	5994101128631	93110537	5994100027935	
93011085	0064894504457	93106976	5994100012290	
93011095	0064894504440	93106977	5994100012306	
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93012268	0043168916189	93106966	5994100012108	
93012269	0043168936255	93106967	5994100012115	
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93012336	0043168174626	93097896	5994100007111	
93012337	0043168174657	93097344	5994100007098	
93012845	0064894521805	93108035	5994100020141	
93012846	0064894521812	93108036	5994100020233	
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93013273	0043168969468	93098494	5994100007203	
93013292	0043168792981	93106971	5994100012153	
93013293	0043168792998	93106972	5994100012160	
93013294	0043168907613	93106973	5994100012177	
93019380	64894530333	93095970	5994100006954	
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93027328	0064894536397	93106980	5994100012221	
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93032366	0064894538827	93111386	5994100029267	
93032367	0064894538834	93111387	5994100029038	
93033266	0064894539824	93108038	5994100020400	
93033325	0064894539817	93108039	5994100020271	
93039912	0064894548260	93108044	5994100020417	
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93040088	0064894548888	93111388	5994100029250	
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93065984	64894570735	93095510	5994100006985	
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93077671	0064894582066	93110538	5994100026334	
93080063	0064894580550	93074321	0064894578090	
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93080358	0064894584329	93088611	5994100006817	
93080379	0064894584060	93108744	5994100010258	
93080381	0064894584046	93080380	0064894584053	
93080479	0064894583513	93088612	5994100006831	
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93093767	0064894598043	93093788	5994100006879	
93093768	0064894597824	93093787	5994100006862	
93093769	0064894596094	93093890	5994100006848	
93093770	0064894596087	93093565	5994100006855	
93093786	0064894597800	93093630	5994100006886	



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