



## D5S on the Road

The Simplest and Most Compact Xenon Headlighting Solution Makes its Way into the World



The Xenon 12V D5S is the most compact, most efficient and lightest alternative for carmakers to differentiate and enrich their high-volume compact vehicles.

It is a fully integrated solution that allows carmakers to offer a Xenon lighting solution based on the existing halogen system architecture. A D5S module fits into a majority of halogen headlight units without much additional effort.

### FEATURES AND BENEFITS

Increased styling opportunities and compact Xenon swiveling systems are possible

Low beam or low/high beam in base version of car platform or as upgrade to Halogen versions

The D5S Xenon solution brings additional safety and style options with Xenon lighting in high-volume car segments

### PRIMARY APPLICATIONS

Low beam

High beam

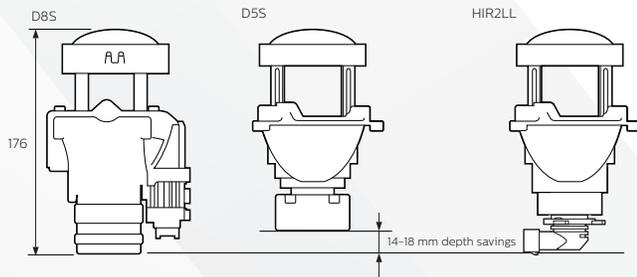
# Key Benefits of D5S

## Xenon for Differentiation

- A cost-effective Xenon solution for B and C segments and energy-efficient vehicles
- Increased safety on the road with better beam pattern performance compared to halogen
- Offers Xenon performance and look

## Space Saving Compared to Other 25W and 35W Xenon Systems

- Shorter light center length (LCL) (18 mm)
- More compact projection unit
- Overall bulb length: 74 mm (D5) vs. 84 mm (D3/D8)
- Miniaturized, integrated electronic ballast



The build-in depth of D5S is reduced by 14 - 18 mm compared to D8 or D3. With an identical system volume and dimensions as many halogen systems, it's easy to offer Xenon as an option on cars that previously only had halogen headlamps.

## Outperforms Halogen

### Technical Properties

- A higher luminance 60 MCd/m<sup>2</sup>
- Bright white 4500 K color temperature, close to daylight
- Wider and more homogeneous beam
- A car-lifetime product: B3/TC: 2500/4000 h

### Weight and Energy Savings

- Less than 30 W power consumption
- Weight reduction to only 100 g (incl. the ballast)
- Reduced system weight (vs. D3 & D8)
- No water tank (vs. D3)

### Reduced System Cost

- No cleaning and no automatic leveling required
- More compact and less complex lighting system (compared to D3 and D8)

### Driving with D5S already

Kia K3 CHN	Alfa Romeo 4C
Citroen C4 Picasso	Fiat Ottimo CHN
S-VW Tiguan CHN	Audi TT
Citroen DS5 CHN	Jeep Renegade
Skoda Superb CHN	Fiat 500X
Skoda Rapid EU	Renault Clio Initiale Paris
Maserati Ghibli	Audi A6
Hyundai Avante FL	Brilliance V5
Audi Q3	Ssangyong Rexton
Audi Q7	Ssangyong Turismo
Alfa Romeo Giulia	Ssangyong Tivoli
S-VW Lavida CHN	Opel Corsa EU
FAW-VW Sagitar CHN	... and even more programs to come
Hyundai Avante Coupé FL	to the roads still in development



D5S with integrated ballast



Standard Halogen: 3200 K



D5S: 4500 K



Standard Halogen: 3200 K



D5S: 4500 K

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