SlimLine Bi-LED headlamps: a perfect union of performance and style

Navigating the open road with a motorhome evokes feelings of freedom, safety, and enjoyment. Not least for this reason, the desire for individual journeys of discovery is growing. Motorhomes are becoming more and more popular, the requirements for the vehicles are getting greater and greater. And also the light signatures make a decisive contribution to this

Words Peter Hirtschulz

The newest innovation of HELLA, the international automotive supplier operating under the FORVIA umbrella, the HELLA SlimLine Bi-LED headlamps, embodies these attributes to the fullest, creating quite the buzz within the motorhome manufacturing industry. In an interview, Gideon Kanne, product manager for Front Lighting at HELLA, talks about this recent technological highlight. He explains, why the headlamp is especially interesting for manufacturers of motorhomes, how it can individualize the front of the vehicle to create a customized appearance despite being universal product, and how it can be easily and conveniently integrated into the front of a motorhome.

Aboutcamp BtoB: HELLA recently presented the Bi-LED SlimLine headlamp. What makes it so special?
Gideon Kanne: Quite simply, it offers outstanding lighting performance and unmistakable style in one. On the one hand, the daylight-like light colour makes driving in the dark even safer and more comfortable. The headlamp combines low beam and high beam functions in a single headlamp module and is extremely robust. On the other hand, and this is what is really special, it sets new standards in design. The rectangular look gives vehicles a modern and remarkable appearance. Especially together with the LED combination lamp LEDayFlex III.

Aboutcamp BtoB: What makes the Bi-LED SlimLine headlamp an exciting choice for motorhome manufacturers?
Gideon Kanne: First is design. We also see motorhome manufacturers placing more and more emphasis on differentiation and unique positioning. The Bi-LED low beam and high beam headlamp SlimLine offers a large variety of design options paired with technologically optimized product features. Thanks to the narrow, modern shape, there are also no limits for combination-options. In addition to the distinctive rectangular design, the headlamp offers many choices of inidividualisation by adding a coloured and differently shaped headlamp bezel.

Aboutcamp BtoB: Nowadays, headlamps should of course look appealing. But the main function is still to provide a good view of the road.
Gideon Kanne: Very clear. Which brings me to the second aspect of the Bi-LED SlimLine headlamp: its performance. Thanks to the light output with a high colour temperature of 5,500 Kelvin, the drivers can enjoy enhanced visibility, making night driving safer and more enjoyable. The system utilizes advanced optics and state-of-the-art LED technology to deliver a homogeneous light distribution, providing a consistent and even illumination on the road ahead. This significantly improves visibility and safety, especially in challenging weather conditions such as rain, or snow. Drivers can navigate through difficult terrains with confidence, relying on the headlamp's optimal light coverage and clarity. This also means that the driver does not tire as quickly. The joy of discovering

Above: together with LED combination lamp LEDayFlex III, the new rectangular module offers attractive styling options

the world without sacrificing comfort is extremely important, especially for long distances travelled in motorhomes.

Aboutcamp BtoB: You have addressed long-distance travel. How durable are the SlimLine headlamps?
Gideon Kanne: Robustness and durability are indeed the third key attribute of the Bi-LED SlimLine headlamp. Precisely for the reasons mentioned. Because motorhomes, like other commercial vehicles, often travel long distances and sometimes in harsh environments. Thanks to the solid housing and robust construction, the SlimLine can be used in really rougher environments. It is especially dirt-proof and resistant to high-pressure cleaning.

Aboutcamp BtoB: How can motorhome manufacturers additionally create an individual look using this universal product?
Gideon Kanne: With the SlimLine headlamp, customization is key. It enables the integration of differently coloured and shaped bezels, allowing a completely individual and unmistakable appearance. Variants like blue optic, carbon optic, or even a logo print offer an extensive range for individualization to create a unique vehicle-front design.

Aboutcamp BtoB: How can the Bi-LED SlimLine headlamp be integrated into a motorhome's front?
Gideon Kanne: This is really simple. The slim design of the SlimLine headlamp ensures easy horizontal integration into any motorhome front. Furthermore, our lamp is equipped with a DEUTSCH connector and can be supplied with a pre-assembled mounting and robust carrier frame upon request. Our standard leveling system also makes mounting simple and straightforward. In conclusion, the HELLA SlimLine Bi-LED headlamp is not merely a lighting solution—it is an embodiment of performance, personal style, and rugged durability. Whether you're a motorhome manufacturer or an end user, HELLA's SlimLine headlamps ensure you're always heading in the right direction, illuminated by superior technology and design.

More info at:
www.hella.com/soe/slimline

Below: the SlimLine Bi-LED headlamp offers unlimited customisation options; scan the QR code to see the product video

Company profile

HELLA is a listed, internationally positioned automotive supplier operating under the umbrella brand FORVIA. Within this factual group, HELLA stands for high-performance lighting technology and automotive electronics. At the same time, the Company covers a broad service and product portfolio for the spare parts and workshop business as well as for manufacturers of special-purpose vehicles with its Lifecycle Solutions business group. HELLA has around 36,000 employees at more than 125 locations worldwide and generated sales of €4.4 billion in the seven-month short fiscal year 2022.
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