



FRIGO LIGHT



 **LAMBERET**

FRIGO
LIGHTLIGHTER
BODYWORK
-25%

1st "all-in-one" refrigerated body & cooling unit with new panel technology, lightweight and aerodynamic

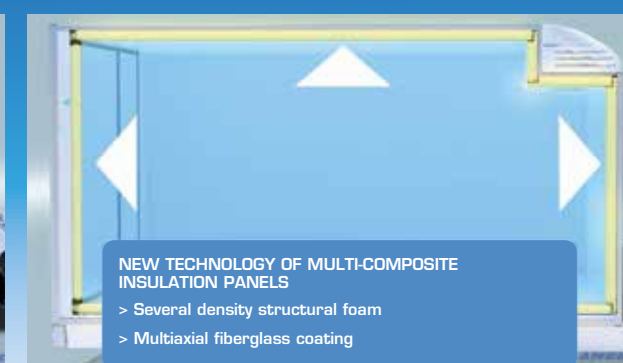
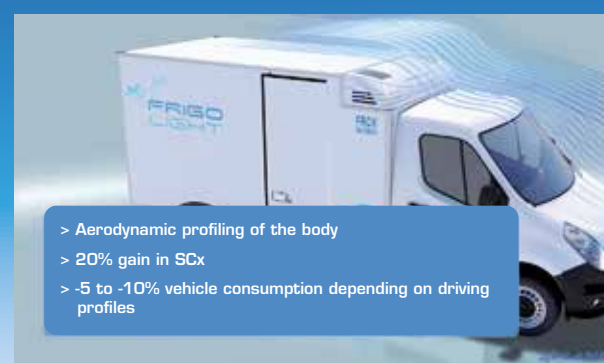
The increase in payload of 3.5t LCVs is a strong customer expectation for refrigerated conversions, further reinforced by the arrival of heavier electrical vehicles running on batteries. FRIGOLIGHT is a new all-in-one body & refrigeration unit offer, unveiling a new lighter insulated panel technology.

The converted vehicle has been fully modeled in order to simulate mass, insulation level and mechanical resistance for multiple playable configurations. By successive iterations, hundreds of concepts and new materials have been tested and

selected to minimize weight, while keeping original insulation and mechanical resistance.

The innovative multi-composite insulated panels from FRIGOLIGHT, without metal or wood inserts, as well as the innovative integration of the cooling unit into the roof, offer a saving in mass of 25% and in SCX of 20% compared to a conventional body!

FRIGOLIGHT is the ideal solution for 3.5t or electric LCVs, with a significant gain in payload and energy savings, preserving their driving range.



+ FRIGOLIGHT innovates by its research and development methodology, its concept and its panel technology:

- Vehicle + bodywork modeling followed by successive iterations
- All-in-one, body and cooling unit
- Multi-composite panels without metal or wood

+ FRIGOLIGHT offers, with constant insulation and mechanical resistance:

- 25% weight saving on assembled body + cooling unit
- An aerodynamic gain with a SCx reduced of 20%
- Optimized internal aeraulics implied by the position of the evaporator

+ Users benefit from more efficient, environmental friendly and less costly operations:

- Transport is optimized thanks to the increased payload
- Lower energy consumption and enhanced autonomy for electrical vehicles, at iso-loading
- The increased payload improves GVW compliance and safety.
- The "all-in-one" electrical cooling unit + bodywork design facilitates body transfers and fights obsolescence.
- Their 100% composite technology favors recycling of panels.

Research & Development partners of FRIGOLIGHT

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FRIGO LIGHT

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SWAP BODY



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