MENTOR®

Intelligent light guidance
for modern mobility






Version 1

Developed for daily use

MENTOR develops high-quality lighting and HMI solutions for public transport as well as for rail, bus and ship systems. Our components improve user guidance, support communication with passengers and ensure long-lasting and reliable lighting solutions, even under challenging conditions of use. Whether on a train, bus, tram, ship or special vehicle: MENTOR combines functionality, design and technical precision to create individual lighting solutions for modern mobility concepts.

Robust and long-lasting

Applications in public transport demand maximum durability and resilience. Our components have been developed for long-term use and include impressively robust designs as well as solutions with up to IP68 protection rating. With the M-Fibre side light fibre, we also offer a vandalism-proof lighting solution that always works reliably even under high stress.

Intuitive operation

Clear light signals and illuminated controls enable safe and easy operation for the driver, service staff and maintenance teams. Intuitive user guidance reduces operating errors and increases operating safety.

Communication with passengers

Light shows the way. Whether it's the door status, stop requests, seat information, entrance areas or ambient lighting: Intelligent lighting solutions support communication between the vehicle and the passengers and improve comfort as well as safety throughout the entire journey.

Developed for modern mobility

Our solutions are used in, for example:

- Rail vehicles
- Buses and coaches
- Trams and underground trains
- Ferries and passenger ships
- Special and municipal vehicles
- Driver's workplaces and passenger areas





Areas of application

Rail transport

Lighting solutions for passenger information, door systems, driver's workplaces and control panels in regional, long-distance and local network trains.



Bus and coach travel

Illuminated controls, status indicators and homogeneous lighting lines provide orientation, improve passenger comfort and support modern interior concepts.



Ships

Robust lighting solutions for ferries, passenger ships and maritime applications. Clear status indicators and reliable control concepts ensure safe use even in challenging environmental conditions.



Driver and passenger area

From control panels and control systems to seat systems and information displays: Our lighting solutions combine functionality, design and intuitive user guidance.



Our product recommendations

Opto-electronic displays



Signal lights and 7-segment indicators for clear, unambiguous status and function indicators. High visibility and reliable lighting characteristics support safe communication between the vehicle and the user.

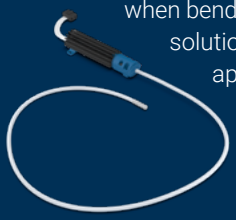
Light guides

Robust light guides for precise status indication and optical signal routing. Solutions with up to IP68 protection rating guarantee reliable operation even under challenging environmental conditions. Ideal for control panels, driver workplaces and information systems.



M-Fibre

With a diameter of just 3.3 mm, M-Fibre creates homogeneous light lines from just one to two light sources – even when bending radii are tight. The robust and vandalism-proof solution is easy to integrate and is ideal for long-lasting applications in public transport.



More information on the products in our e-catalogue:

Proven in use

ISRI is a leading manufacturer of seat systems for commercial vehicles, buses and special vehicles. Modern seat systems combine comfort, functionality and innovative equipment features, such as integrated lighting and digital connectivity.

MENTOR supports ISRI with innovative lighting solutions, which are harmoniously integrated in modern seat concepts. In particular, M-Fibre enables high-quality, homogeneous light lights with minimal installation space and opens up new possibilities in terms of design, orientation and brand staging within the passenger compartment. The collaboration shows how individual lighting solutions can create a meaningful connection between passenger comfort, user guidance and modern mobility concepts.



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