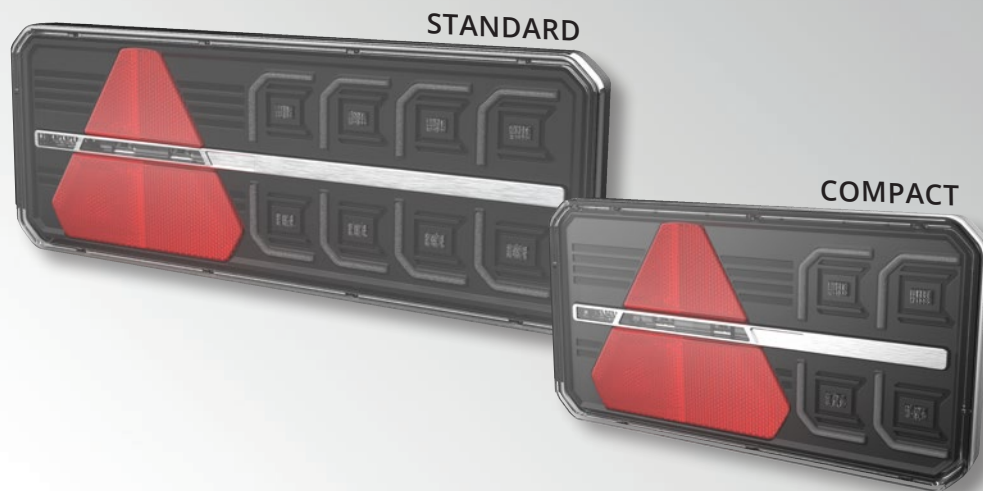


FORVIA



BRIEF INFORMATION

Trailer rear combination lamp

- › Full-LED solution with homogeneous light signature thanks to Edge light technology
- › Robust and compact construction for the toughest demands
- › High degree of flexibility for future issues thanks to modular design
- › Compact Version available for vehicle with minimum space

PRODUCT FEATURES

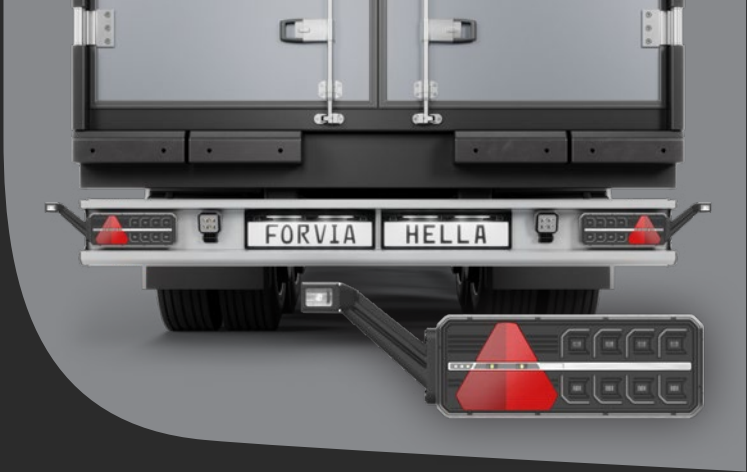
Innovative design, maximum functionality: The FORVIA HELLA Full-LED rear lamp 24 V trailers is a strong partner for strong vehicles. The striking, innovative LED light curtain ensures a distinctive design, attention-grabbing light output, and excellent vehicle visibility for other road users.

Through its durable LED technology, robust housing and homogeneous light signature thanks to Edge light technology, this sturdy rear lamp is particularly suitable for use in challenging conditions.

The full-LED rear combination lamp with integrated ISO pulse in accordance with DIN ISO 13207 for indicator monitoring is also dustproof and waterproof, and protected against high-pressure cleaning (IP 6K9K).

The lamp is perfectly suited for and fully compatible with trailer applications. In addition, the lamp features comprehensive protection mechanisms that reliably guard against polarity reversal, overvoltage, overheating, and short circuits.

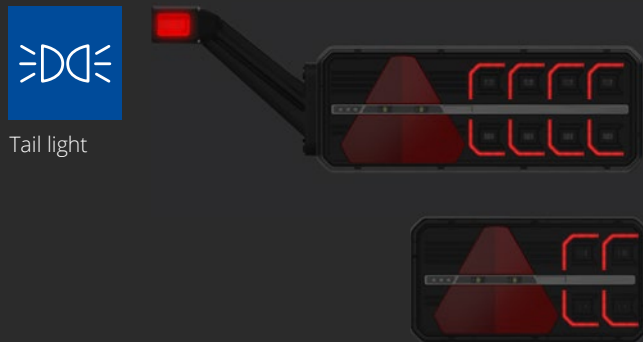
The stop light function and the direction indicator light function were developed according to the technical aspects of ISO 26262:2018 in accordance with ASIL-B, the tail light function in accordance with ASIL-A.



APPLICATION EXAMPLES

For vehicles with less space on the under-ride guard, especially our compact version is the right choice.

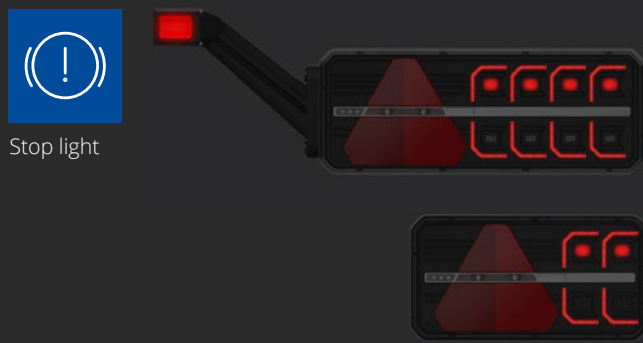
LIGHT FUNCTIONS



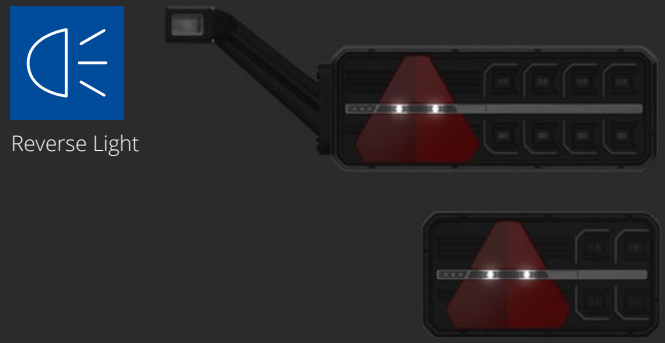
Tail light



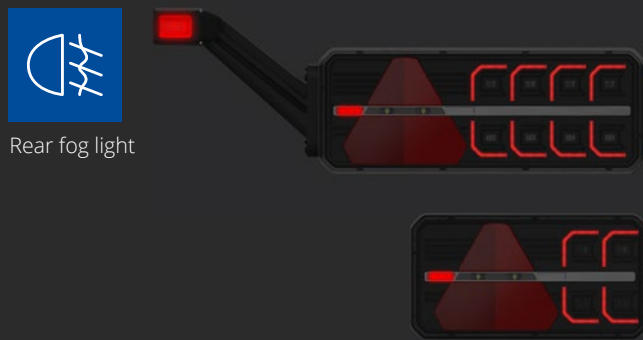
Direction indicator light



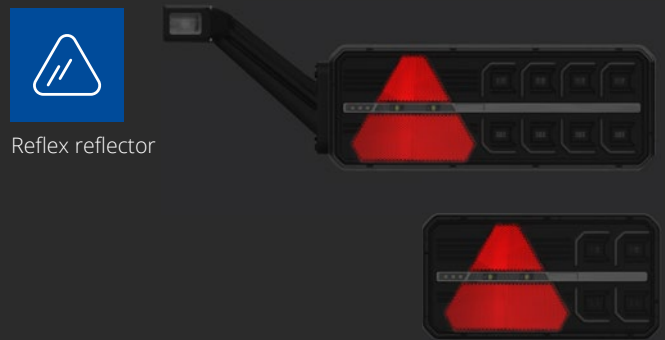
Stop light



Reverse Light



Rear fog light

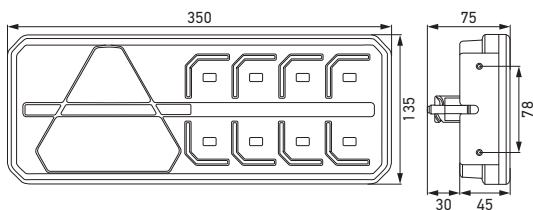


Reflex reflector

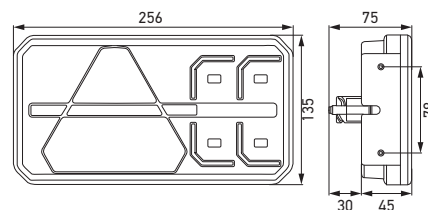
TECHNICAL DETAILS

Technical data		Standard	Compact
Operating voltage range	18–32 V		
Rated voltage	24 V		
Current consumption	Tail light 0.1 A, stop light 0.15 A, direction indicator light 0.3 A, reverse light 0.24 A rear fog light 0.12 A	Tail light 0.1 A, stop light 0.18 A, direction indicator light 0.24 A, reverse light 0.24 A, rear fog light 0.12 A	
Power consumption	Direction indicator: Input 8.2 W, Output max. 5 W (SML), Reverse light: Input 6.5 W, Output max. 19 W, Tail light: Input 2.2 W, Output max. 4 W (LPL), Stop light: Input 3.3 W, Fog light: Input 2.2 W, Rubber arm: Output max. 2 W (ML)	Direction indicator: Input 7.5 W, Output max. 5 W (SML), Reverse light: Input 6.5 W, Output max. 19 W, Tail light: Input 2 W, Output max. 4 W (LPL), Stop light: Input 1.5 W, Fog light: Input 2.2 W, Rubber arm: Output max. 2 W (ML)	
Light functions	Tail light (48 LEDs), direction indicator light (4 LEDs), stop light (4 LEDs), reverse light (4 LEDs), rear fog light (3 LEDs), reflex reflector	Tail light (24 LEDs), direction indicator light (2 LEDs), stop light (2 LEDs), reverse light (2 LEDs), rear fog light (3 LEDs), reflex reflector	
Light source	LED		
Material	Housing ABS, Cover lens Polycarbonate (PC)		
Weight	~ 840 g	~ 625 g	
Temperature range	-40 °C to +60 °C		
Protection class	IP 6K9K		
Approved	UN-R10, UN-R149, ADR/GGVs		
EMC protection	Class 4 (24 V)		
Protection	Polarity reversal protection, overvoltage protection, overheating protection, short circuit protection		
Mounting	With M8 fastening bolts		
Connection	Central 7-pin DIN bayonet connector, 2-pin AMP-SUPERSEAL connector for auxiliary light functions		

Dimensional sketch



Standard version



Compact version

PROGRAM OVERVIEW

Product picture	Version	Variant	Part number
	Standard	Left-hand side	2VP 018 287-017
		Right-hand side	2VP 018 287-037
	Standard with rubber arm	Left-hand side	2VP 018 287-117
		Right-hand side	2VP 018 287-107
	Compact	Left-hand side	2VP 018 288-017
		Right-hand side	2VP 018 288-037