



## BRIEF INFORMATION

### LED rear lamp DuraLED Combi

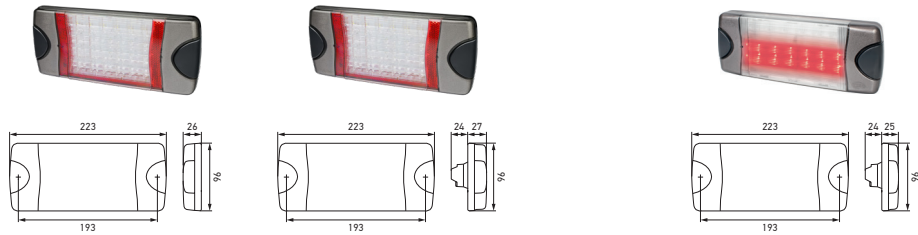
- › Maintenance-free, fully hermetically sealed, shock-resistant and lastingly UV-resistant
- › Slim design with an installation height of just 25 mm
- › Lens also optionally in Grilamid

## PRODUCT FEATURES



- Lens optionally made of Grilamid (a premium polyamide "made in Switzerland")
- With and without reflex reflector
- With cable or now also with integrated DEUTSCH connector
- With and without indicator failure control, compatibility according to ISO 13207-1
- Models for horizontal or vertical mounting
- Tested to IP 6K7 and IP 6K9K
- Protected from voltage spikes
- Polarity reversal protection ensures no damage to the light if the poles are incorrectly contacted

# PROGRAM OVERVIEW



Technical data	2VP 015 074-101	2VP 015 075-101	2SK 980 602-501
Rated voltage	12 V and 24 V		24 V
Power consumption	Tail light: 1.5 W Stop light: 5 W Direction indicator light: 6 W Reverse light: 2 W Parking light: 1.5 W (only 075-101)		Tail light: 1 W Stop light: 3 W Direction indicator light: 3 W Reverse light: 3 W Parking light: 1 W (only 602-501)
Light function	Tail/stop light = 12 red LEDs Indicator = 12 amber LEDs Reverse light = 6 white LEDs with reflex reflector		Tail/stop light = 6 red LEDs Indicator = 6 amber LEDs Reverse light = 6 white LEDs
Material	Lens colour: Glass-clear, ends decorated in metallic grey		
Temperature range	Out of operation: -40 °C to +65 °C, in operation: up to +50 °C		
Protection class	IP 6K7, IP 6K9K		
Approved	ECE-R10, ECE-R6, ECE-R7, ECE-R23, ECE-R3	ECE-R10, ECE-R6, ECE-R7, ECE-R23, ADR / GGVSEB	
Protection	Polarity reversal protection (up to 1.000 V), direction indicator failure control (compatible with ISO 13207-1)		
Specification	FORVIA HELLA Norm 67101 classes 2.2, 5.1, 6.1, 7.2, 8.1 and 11.2 Community plus		
Mounting	Horizontal, two reinforcement bushes with Ø 6.2 mm hole are included. For screws up to M6 or self-tapping screws		
Connection	With 2,500 mm cable	With integrated DEUTSCH DT 6-pin connector (required mating connector DT 06-6S)	With integrated DEUTSCH DT 6-pin connector (required mating connector DT 06-6S)

## Pin assignment

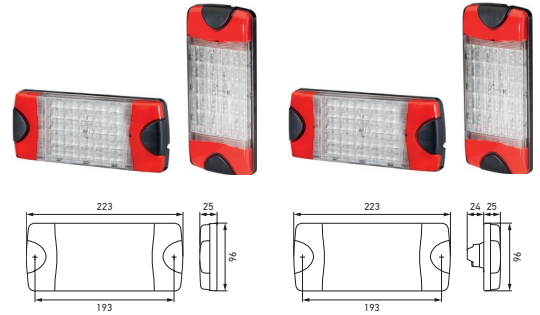
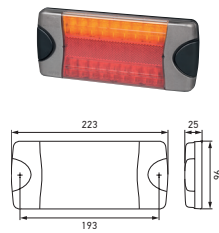


Pin 1 Tail light  
Pin 2 Stop light  
Pin 3 Direction indicator light  
Pin 4 Reverse light  
Pin 5 Earth  
Pin 6 Parking light

## Wire colours

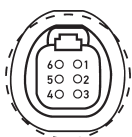
Earth: white  
Tail light: brown  
Stop light: red  
Direction indicator light: green  
Reverse light: pink

# PROGRAM OVERVIEW



Technical data	2VA 980 710-301	2SD 980 613-211 Successor to 2SD 959 050-401 now with an installation height of just 25 mm	2SD 980 602-211
Rated voltage	24 V	12 V and 24 V	
Power consumption	Tail light: 1 W Stop light: 4 W Direction indicator light: 4 W	Tail light: 1 W Stop light: 5 W Direction indicator light: 5 W Parking light: 1 W (602-211)	
Light function	Stop light = 8 red LEDs (4 LEDs with reduced light output for tail light), indicator = 8 amber LEDs, with reflex reflector	Stop light = 18 red LEDs (6 LEDs with reduced light output for tail light), indicator = 12 amber LEDs (Additional parking light on 2SD 980 602-211)	
Material	Lens colour: Red / amber, ends decorated in metallic grey	Lens colour: Glass-clear, ends decorated in red	
Temperature range	Out of operation: -40 °C to +65 °C, in operation: up to +50 °C		
Protection class	IP 6K7, IP 6K9K		
Approved	ECE-R10, ECE-R3, ECE-R6, ECE-R7, ADR / GGVSEB	ECE-R10, ECE-R6, ECE-R7, ADR / GGVSEB	
Protection	Polarity reversal protection (up to 1.000 V), direction indicator failure control (compatible with ISO 13207-1)		
Specification	FORVIA HELLA Norm 67101 classes 2.2, 3.2, 4.1, 5.1, 6.1, 7.1 and 7.2 Agro plus	FORVIA HELLA Norm 67101 classes 2.2, 5.1, 6.1, 7.2, 8.1 and 11.2 Community plus	
Mounting	Horizontal, two reinforcement bushes with Ø 6.2 mm hole are included. For screws up to M6 or self-tapping screws	Horizontal and vertical, two reinforcement bushes with Ø 6.2 mm hole are included. For screws up to M6 or self-tapping screws	
Connection	With 2,500 mm cable	With 2,500 mm cable	With integrated DEUTSCH DT 6-pin connector (required mating connector DT 06-6S)

## Pin assignment



- Pin 1 Tail light
- Pin 2 Stop light
- Pin 3 Direction indicator light
- Pin 4 Direction indicator light ISO 13207-1
- Pin 5 Earth
- Pin 6 Parking light

## Wire colours

- Earth: white
- Tail light: brown
- Stop light: red
- Direction indicator light: blue

# LED LIGHTING TECHNOLOGY

## Direction indicator failure control

The indicator function is monitored using electronics within the light. As specified in ISO 13207-1, a signal is generated within the light which indicates it to be "OK". The electronics within the light also detect if components, LEDs or indicator functions are defective, and then suppress the "OK signal". The vehicle electric systems on more recent trucks are compatible with LED lights equipped according to ISO 13207-1.

The following ballasts or LED flasher units cover almost every other usage scenario:

5DS 009 552-...

5DS 009 602-...

4DW 009 492-...

The individual light functions may only be operated with a vehicle-mounted fuse of max. 3 A. Operation of the light with AC voltage or synchronised DC voltage is NOT permitted!

## FUNCTION OPTIONS

