



## TM11 FULL-LED TAIL LIGHT

The light of the future

# Innovative lighting system solutions

## Modern Light- and LED technology

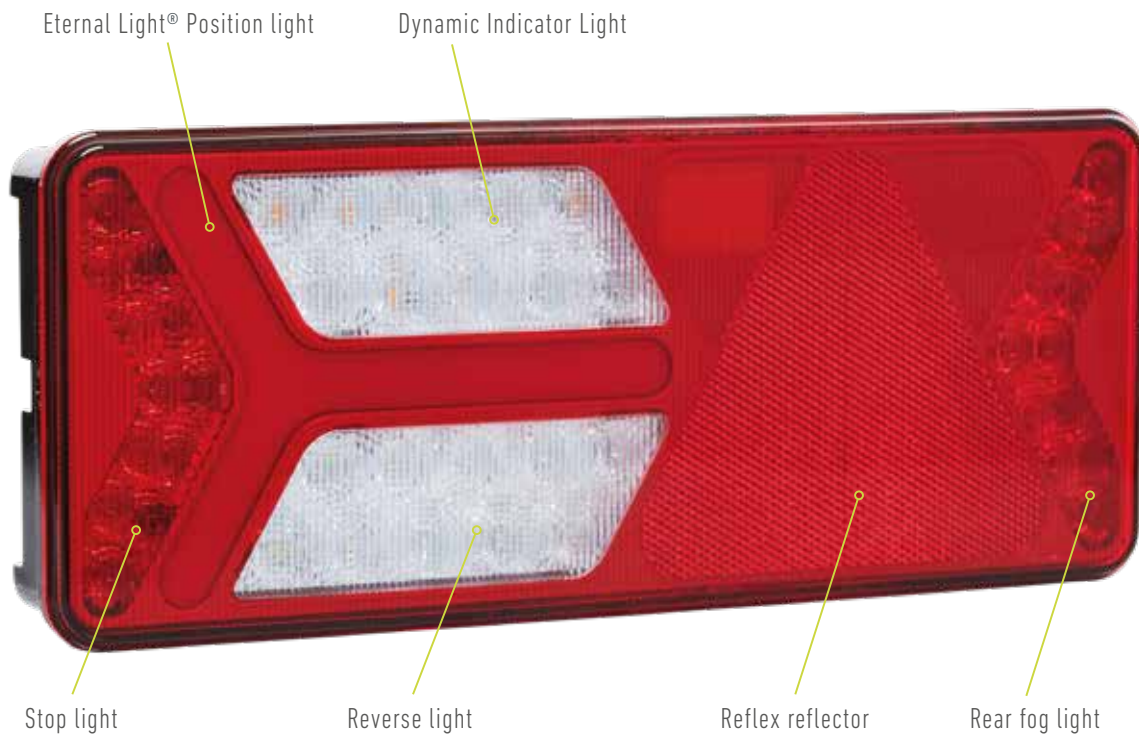
### The compact and modern multi-function tail light from ERMAX

As highlights the full-LED tail light from ERMAX offers a thin design, modern dynamic indicator light, impact-resistant lens and integration of all legal control units.

The intelligent and up to date control unit of the ERMAX TM11 makes the universal connection of the tail light to any truck wanted possible – without failure warnings. This is also valid for the indicator failure control – and the brake light control.

The indicator light function in the side markers, lights simultaneously with the tail light according to ECE 48. This function is fully integrated in the TM11 tail light.

Superior durability, modern functionality and a modern design, come together in the ERMAX TM11 tail light and making it a real highlight.



ERMAX is your reliable partner  
for high quality lighting systems



# TM11 Full-LED Tail light

The light for standard vehicles

## Highlights

- Unbreakable - Impact-resistant lens made of polycarbonate
- Multi voltage 12/24V
- Modern dynamic indicator light
- Built-in indicator failure control according to ECE 48 - compatible with all makes and year of EU Trucks\*
- Built-in stop failure control according to ECE 48 - compatible with all makes and year of EU Trucks\*
- Built-in control unit for flashing side marker lights (SIMAC®) according to ECE 48 supp. 06 (since november 2017)
- Certified according to all relevant standards and regulations in Europe

\* September 10/2018



## TECHNICAL FEATURES:

- Multi voltage 12 V / 24V
- Polycarbonate lens
- 7 pole AMP 1.5 connection
- Bolt hole distance: 152 mm / M8
- Approvals: ECE, EMC, ADR
- IP69K rating

# Variants & functions for every use

Single or packed with 18 pieces

Type	Right → Left ←	Position Stop Indicator Reverse Rear fog Reflex reflector	Connection 7 poled AMP socket Direction:	2x2 Super Seal placed on the back	SIMAC control built-in	LED control built-in	Article No.
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Full-LED	→	✓	7 poled AMP socket	✓	✓	--	098 216 550
Full-LED	←	✓	7 poled AMP socket	✓	✓	--	098 216 551
Full-LED	→	✓	7 poled AMP socket	✓	✓	Indicator failure	098 216 552
Full-LED	←	✓	7 poled AMP socket	✓	✓	Indicator failure	098 216 553
Full-LED	←	✓	7 poled AMP socket	✓	✓	Indicator- & stop light failure	098 216 555
Full-LED	→	✓	300 mm cable with 7 poled AMP socket	✓	✓	Indicator failure	098 216 558
Full-LED	←	✓	300 mm cable with 7 poled AMP socket	✓	✓	Indicator failure	098 216 559

## Possible variant combinations of TM11 tail lights

Variant type	Article number	Control functions in the Tail lights
BASIC	098 216 550 (R) & 098 216 551 (L)	SIMAC
ADVANCED	098 216 552 (R) & 098 216 553 (L)	SIMAC and LED Indicator failure control
PREMIUM	098 216 552 (R) & 098 216 555 (L)	SIMAC, LED Indicator failure control and LED stop failure control



### Packaging

The TM11 full-LED tail light is packed as a single package or as a masterkarton with 10 pieces. The packaging is a box made of sturdy cardboard and the rear lights are fully upholstered. This in order to minimize transport damage and to ensure a safe and optimal transport.

## Spare parts and accessories

Below the spare parts and accessories programme for the TM11 tail light.



Spare parts and accessories	Pos.	Article No.
Bracket, angled, made of plastic - for mounting of outer end marker light Supplied with 4 pcs. Stainles Torx screws. Bolt hole distance: 77 mm	1	098 292 610
LED Outer end marker light 12/24V, right - 300 mm connection cable with Super Seal plug	2	098 241 448
LED Outer end marker light 12/24V, left - 300 mm connection cable with Super Seal plug	2	098 241 449
Protection cover, plastic, for tail light - bolt hole distance of 152 mm	3	098 296 710
Protection cover which tightens and protects the contacts of the LED control unit To be used when no LED control unit is mounted on the TM11 tail light	4	098 296 700
LED Control unit 12/24V for mounting on TM11 tail light For controlling of the indicator- or stop light. One unit per function is needed To be mounted on the back side of the light housing. Connection with 3 x spring loaded contacts	5	098 298 149

# Rear underrun protection bar with TM11 tail lights

## Unsurpassed full LED functionality

- Unsurpassed durability - impact resistant lens made of polycarbonate
- Increased traffic security – Eternal Light technology
- High reliability - LED failure control optional and SIMAC integrated



Measure (WxDxH): 2780 (2400 mm without OEM) x 160 x 252 mm

### Variant - ECE R58-02

Article no.	Type	SIMAC	LED failure control	
			Direct indicator	Stop
098 258 520	LED	✓	-	-
098 258 530	LED	✓	✓	-
098 258 580	LED	✓	✓	✓

### Variant - ECE R58-03

Article no.	Type	SIMAC	LED failure control	
			Direct indicator	Stop
098 259 520	LED	✓	-	-
098 259 530	LED	✓	✓	-
098 259 580	LED	✓	✓	✓

With the TM11 tail light the Ermax rear bumper has a real all-rounder on board: further to the standard functions the TM11 also has an optional LED indicator failure control and a flash function for the side marker lights (SIMAC) integrated in the light housing – mounting will never be easier!



TM11 LED



LED control unit "Snap-in"











SIMAC control "Snap-in"

# Complement to a strong family

## The brand ERMAX®

ERMAX® is the exclusive brand for high quality lighting systems and complete cable systems for the commercial vehicle industry. With over 70 years of experience and intensive research and development, ERMAX® is one of the established OEM manufacturers of lighting technology. The ERMAX® product range is available for both the OEM and spare parts trade.

Below is a selection of our ERMAX-family when talking about lighting.

<p><b>TM2 Tail light 24V - Bulb or Hybrid</b></p> <p>Lens: PMMA          Housing: PP          Connection: 7 poled AMP socket          IP-Rating: IP54</p> 	<p><b>TM4 Tail light 12/24V - LED</b></p> <p>Lens: PMMA          Housing: PP          Connection: 7 poled AMP socket or rubber grommet          IP-Rating: IP54</p> 
<p><b>TM10 Tail light 24V - Hybrid or full-LED for Trailer</b></p> <p>Lens: Impact resistant polycarbonate          Housing: Polypropylen (PP)          Connection: 7 poled AMP socket - Option Super Seal backwards          IP-Rating: IP54</p>  <p style="text-align: center;">Hybrid                      Full-LED</p>	<p><b>TM6 Tail light 12/24V - LED (surface)</b></p> <p>Lens: PMMA          Housing: ABS          Connection: 7 poled AMP plug/socket or open end          IP-Rating: IP69K</p> 
<p><b>TM12 Tail light 24V - full-LED for Trailer</b></p> <p>Lens: Resistant polycarbonate          Housing: Resistant polycarbonate          Connection: 7 poled AMP socket          IP-Rating: IP69K</p> 	<p><b>TM5 Tail light 24V - LED (Built-in)</b></p> <p>Lens: Impact resistant polycarbonate          Housing: Impact resistant polycarbonate          Connection: 7 poled AMP socket / open end          IP-Rating: IP67</p> 
<p><b>TM13 Tail light 24V - LED</b></p> <p>Lens: Resistant polycarbonate          Housing: Polycarbonat and ABS          Connection: 7 poled AMP socket or open-end          IP-Rating: IP69K</p> 	<p><b>TM7 Tail light 12/24V - LED (Built-in)</b></p> <p>Lens: PMMA          Housing: ABS          Connection: 7 poled AMP plug/socket or open end          IP-Rating: IP69K</p> 

Die Marken der BPW Gruppe:



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HBN-Teknik A/S

HESTAL®

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