

## Accessories Signalling, Advance Warning Systems and TMA's



1121



10000294



08000098



1256



25139



1543



25510

1529

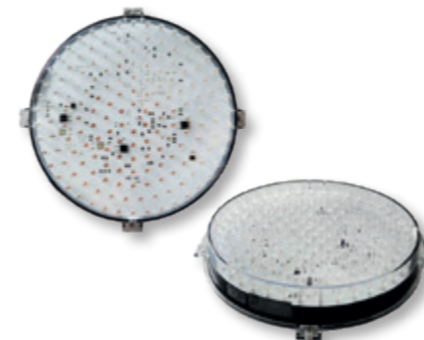
Part-No.	Description	Warning	VMS	Over-head	TMA Alpha	TMA Safe-stop	TMA Vorteq	City Trailer	Light Arrow	VPE
1121	Radio remote control RMS 3000	•			•	•	•			1
1529	Radio remote control RMS 3100		•	•				•	•	1
25139	Rubber cover for Radio remote control RMS 3100		•	•				•	•	1
10000294	Adapter plug A 7 Pol./12V to 13 Pol./12V	•	•	•				•		1
08000098	Adapter plug B 7 Pol./12V to 13 Pol./12V	•	•	•				•		1
1543	Voltage transformer for autom. voltage	•	•	•			•	•		1
1256	DIN drawbar eye	•	•	•				•		1
25510	Ballpoint hitch	•	•	•				•		1
08000248	Battery 12 V/230 Ah (Type 96801)		•				•			1

## LED Warning Lamps Class L2H



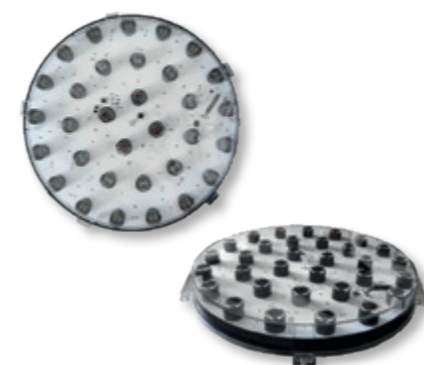
Part-No.	Description	Color	Design	VPE
25836	LED Warning Lamp Class L2H Single lamp	Amber	Flashlight	1
25725	LED Warning Lamp Class L2H Set of 2	Amber	Synchronous	1
5530	Chromed case L2H incl. bracket		Chrome-plated	1
4302	Bracket L2H		Aluminium	1

## LED Warning Lamps Class L8H



Part-No.	Description	Color	Design	VPE
2331SC-M	LED Warning Lamp Class L8H Single lamp	Amber	Flashlight	1
23331	LED Warning Lamp L8H, Amber, for Light Arrow	Amber	Steady light	1
2331SCL	Set of 2, Amber, Synchronous with long cable	Amber	Synchronous	1
2331SA	LED Warning Lamp Class L8H Set of 2, Amber, Alternating	Amber	Alternating	1
2331S3	LED Warning Lamp Class L8H Set of 2, Amber, Synchronous, Triflash	Amber	Synchronous/Triflash	1
2331SR	LED Warning Lamp Class L8H, Red, Steady light	Red	Steady light	1
2331SCR	LED Warning Lamp Class L8H Set of 2, Red, Synchronous	Red	Synchronous	1
2000	Bracket L8H		Aluminium	1

## LED Warning Lamps Class L9M



Part-No.	Description	Color	Design	VPE
25117M	LED Warning Lamp Class L9M, Amber, Flashlight	Amber	Flashlight	1
23321	LED Warning Lamp Class L9M, Amber, for Light Arrow, 12/24V	Amber	Steady light	1
25117	LED Warning Lamp Class L9M, Set of 2, Amber, Synchronous	Amber	Synchronous	1
25119	LED Warning Lamp Class L9M Set of 2, Amber, Alternating	Amber	Synchronous	1
2100	Bracket L9H & L9M		Aluminium	1

Item	L2H	L8H	L9H
Diameter (Ø mm))	60 mm	200 mm	300 mm
Power consumption (day)	Approx. 0,3 A	Approx. 1,8 A	Approx. 2,9 A
Power consumption (night)	5 %	5 %	5 %
Flash rate	Approx. 60/min.	Approx. 60/min.	Approx. 60/min.
Night dimming	Automatic	Automatic	Automatic
IP rating	IP65	IP65	IP65
Voltage	12/24 V	12/24 V	12/24 V
Approvals	EN-12352	EN-12352	EN-12352

## LED Warning Lamp Class MS 340 plus



nach  
L9M  
L9L  
EN12352

nach  
L9H  
L9M  
EN12352

nach  
WL5  
TL-Warn-  
leuchten

nach  
WL7  
TL-Warn-  
leuchten

### Advanced warning lamp in compact design

The new MS 340 plus advanced warning lamp convinces with its compact design at the same luminosity and energy efficiency as the predecessor model. It is exclusively produced with state of the art diodes – thus reliably securing road construction sites, warning motorists of dangerous road courses and improving visibility of warning trailers at lowest energy consumption. According to your requirements the light emission characteristics can be individually set to either comply with EN-12352- L9M / L9L (WL5) flashing, or to comply with EN-12352 – L9H / L9M (WL 7), blinking.

- according to EN-12352 - L9M / L9L, WL 5
- according to EN-12352 - L9H / L9M, WL 7
- to be used as advanced warning lamp, vehicle safety warning lamp, for mobile warning trailers or light-arrows
- long-life LED technique with 4 high performance diodes
- high reliability due to dual circuitry
- low power consumption
- quick and easy to open due to twist lock cap
- splash-proof housing
- incl. Secura 82 bracket
- incl. 5 m power cable

Part-No.	Description	VPE
20825LED	MS 340 Advanced warning lamp, incl. Secura 82 bracket 12 / 24 V, incl. 5 m power cable	1

Weight approx., kg	Dims. Ø*H, mm	Blinking/flash rate/min.	Operating voltage, V	Power consumption, W at 12 V
0,8	340 * 127	40 / 60	12 / 24	1

## MS 340 plus double set



nach  
L9M  
L9L  
EN12352

nach  
L9H  
L9M  
EN12352

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WL5  
TL-Warn-  
leuchten

nach  
WL7  
TL-Warn-  
leuchten

### 2-fold LED advanced warning system

Our new MS 340 plus is also available as two-fold system, the single lamps being connected via a 3.5 m cable. Feel free to equip your construction vehicle, light arrows or traffic warning trailers with an additional advance warning system, in order to enhance their visibility for kilometres. According to your requirements the light emission characteristics can be individually set to either comply with EN-12352 - L9M / L9L (WL 5) flashing, or to comply with EN-12352 – L9H / L9M (WL7), blinking.

- according to EN-12352 - L9M / L9L, WL 5
- according to EN-12352 - L9H / L9M, WL 7
- to be used as advanced warning lamp, vehicle safety warning lamp, for mobile warning trailers or light-arrows
- long-life LED technique with 4 high performance diodes
- high reliability due to dual circuitry
- low power consumption
- quick and easy to open due to twist lock cap
- splash-proof housing
- Secura 82 bracket available as accessory
- incl. 5 m power cable

Part-No.	Description	VPE
25822Plus	2-fold MS 340 Advanced warning system, connected with 3.5 m cable Consists of: 1x Master lamp, 20823Plus and 1x Slave lamp 20824Plus, 12 / 24 V, incl. 5 m power cable)	1

Weight approx., kg	Dims. Ø*H, mm	Blinking/flash rate/min.	Operating voltage, V	Power consumption, W at 12 V
1,6	340 * 127	40 / 60	12 / 24	2

## LED Warning Lamp Class RS 2000 plus



GEPRÜFT GEPRÜFT  
BAST  
GEPRÜFT GEPRÜFT

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L8H  
L8M  
EN12352

WL6  
TL-Warn-  
leuchten

TüV

### LED advanced warner in compliance with EN-12352 – L8H / L8M, WL 6

horizont RS 2000 plus advanced warner combines BAST-approved tested light intensity with very low power consumption by using exclusively state of the art LED technology – without compromising on the operational safety! As advanced warning lamp, RS 2000 plus warns of any hazard or construction kilometres ahead. The splash-proof housing is robust and optimally secures the internal electronics. RS 2000 plus advance warner is delivered with already mounted Secura 52 bracket – thus optimally secured against theft and easy to fix.

- to be used as advanced warning lamp, for multiple systems, light arrows (with 8, 15 or 24 RS 2000 lamps), traffic safety trailers
- ø 200 mm optics
- long-life LED technique with 4 high performance diodes
- high reliability due to dual circuitry
- very low power consumption, only 120 mA\* (\*own testing)
- sturdy housing in flat, compact design with low installation depth
- tool free mounting and dismounting
- splash-proof housing
- including Secura 52 bracket (bracket 82 mm available as accessory)

Part-No.	Description	VPE
209291LED	ERS 2000 plus single advanced warner, including Secura 52, 12 / 24 V, incl. 5 m power cable	1

Weight approx., kg	Dims. Ø*H, mm	Blinking/flash rate/min.	Operating voltage, V	Power consumption, W at 12 V
0,6	210 * 75	40	12 / 24	0,9

## RS 2000 plus 2-fold system



GEPRÜFT GEPRÜFT  
BAST  
GEPRÜFT GEPRÜFT

nach  
L8H  
L8M  
EN12352

WL6  
TL-Warn-  
leuchten

TüV

### LED 2-fold advanced warning system according to EN-12352 L8H/ L8M, WL 6

horizont RS 2000 plus is also available as two-fold (or three / four-fold) system, the single lamps being connected via a 3.5 m cable. Feel free to equip your construction vehicle, light arrows or traffic warning trailers with an additional advance warning system, in order to enhance their visibility for kilometres.

- to be used as advanced warning lamp, for multiple systems, light arrows (with 8, 15 or 24 RS 2000 lamps), traffic safety trailers
- ø 200 mm optics
- long-life LED technique with 4 high performance diodes
- high reliability due to dual circuitry
- very low power consumption, only 120 mA\* (\*own testing)
- sturdy housing in flat, compact design with low installation depth
- design with low installation depth
- tool free mounting and dismounting
- splash-proof housing
- including Secura 52 bracket (bracket 82 mm available as accessory)

Part-No.	Description	VPE
214091LED24	2-fold RS 2000 LED system, connected with 3.5 m cable, incl. Secura 52 bracket Consists of: 1x Master lamp, 209301LED and 1x Slave lamp 209311LED, 12 / 24 V, incl. 5 m power cable	1

Weight approx., kg	Dims. Ø*H, mm	Blinking/flash rate/min.	Operating voltage, V	Power consumption, W at 12 V
1,2	210 * 75	40	12 / 24	1,8