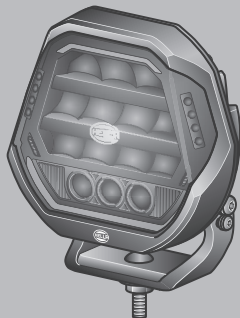




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ANTARES 9 INCH INSTALLATION INSTRUCTION

PRODUCT LIABILITY

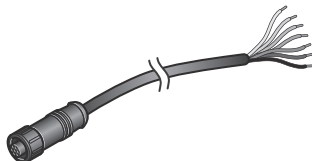
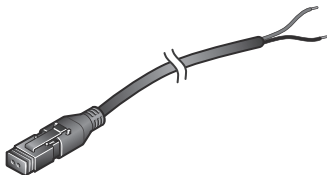
- National mounting, fitting and operating regulations must be heeded and kept.
- Please read all the instructions and safety notes included before using the device.
- We reserve the right to make technical and optical modifications within the course of product improvement.
- Only use original spare parts or spare parts approved by HELLA.
- If you have any questions or problems with the installation, please contact HELLA Customer Services, a wholesaler or your garage.
- For installation requirements, please refer to local state road traffic regulations and ADR13.
- Further information is available on our website (www.hella.com/techworld)
- Subject to alteration without notice

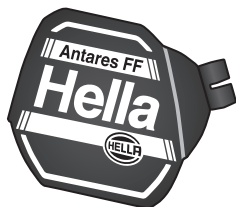
**Scope of delivery
(package content)**

1F9 358 228-881

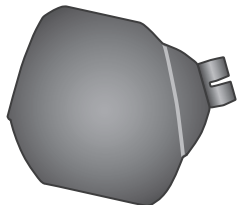


1F9 358 228-891 (with flasher)

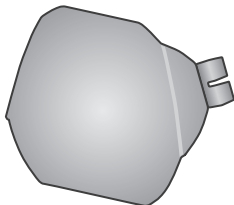




8XS 358 198-071



8XS 358 198-081
Amber



8XS 358 198-091
Clear

DT Type Connector 4-pin



8JA 905 048-001



8KW 905 026-001

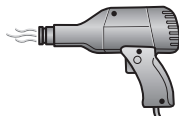
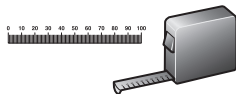
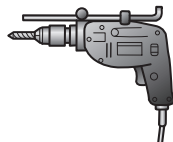
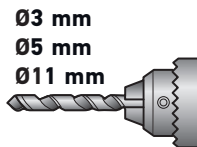


8KW 905 683-021

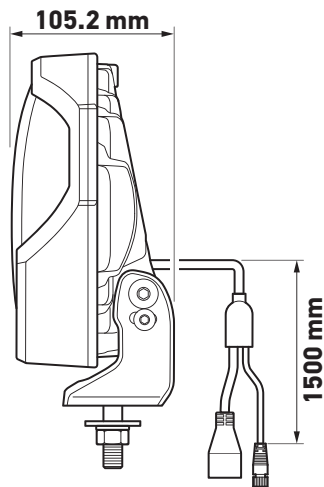
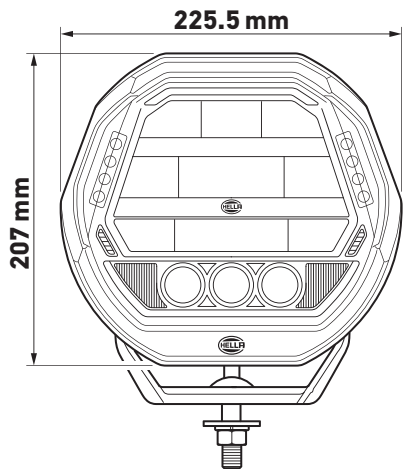


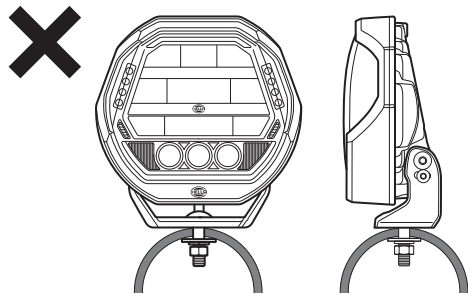
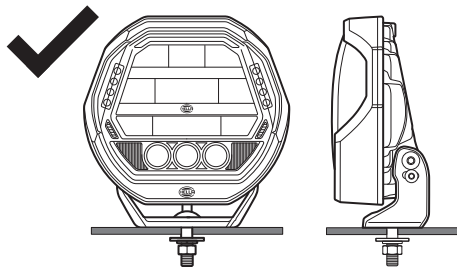
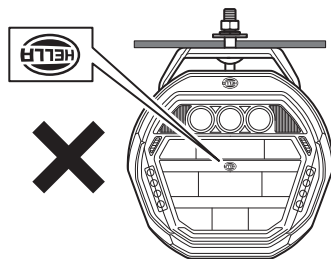
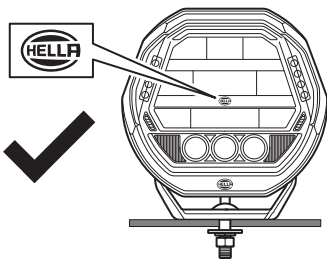
20A 8JS 905 533-001
40A 8JS 711 683-851

Installation tools required



Mounting

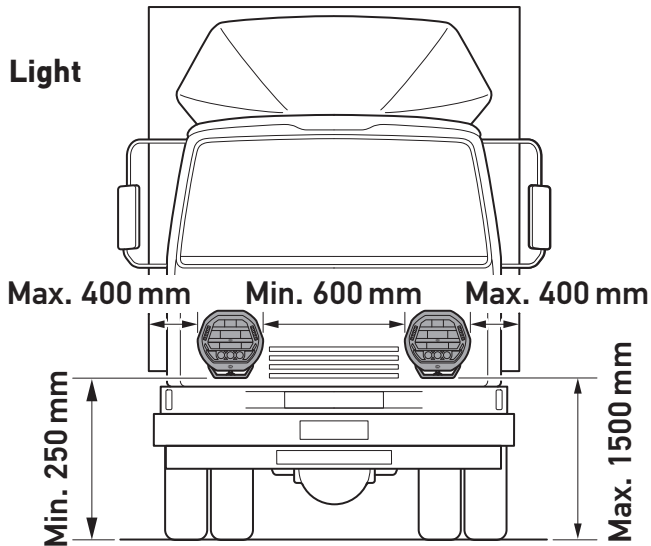




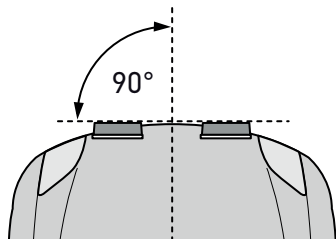
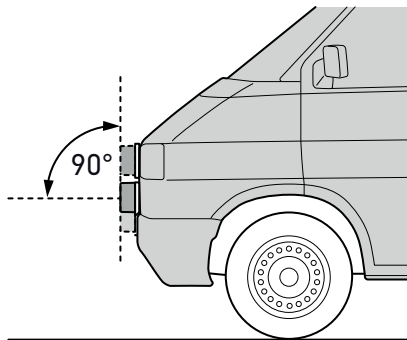
UN-R148 (ECE)

UN-R48 (ECE)

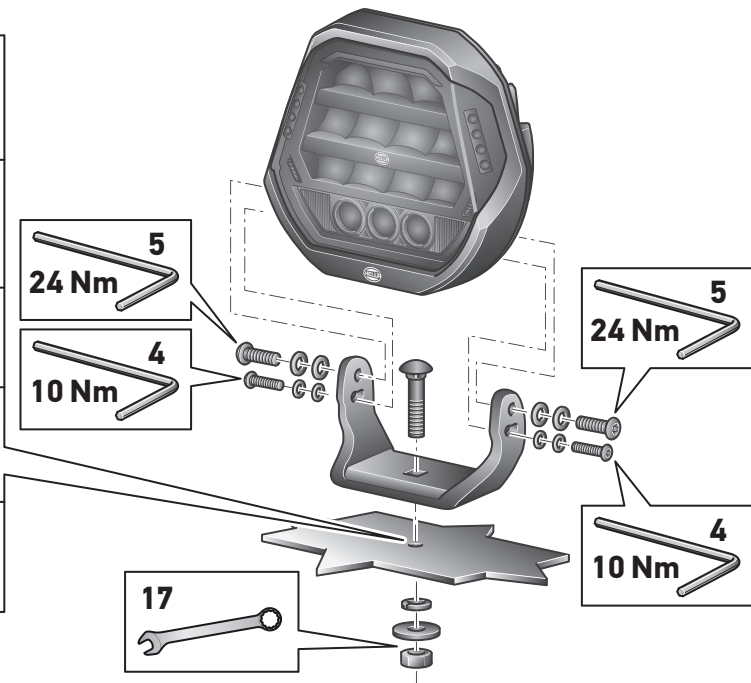
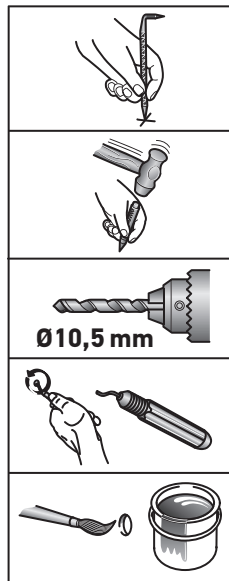
**Daytime Running Light
Position Light**

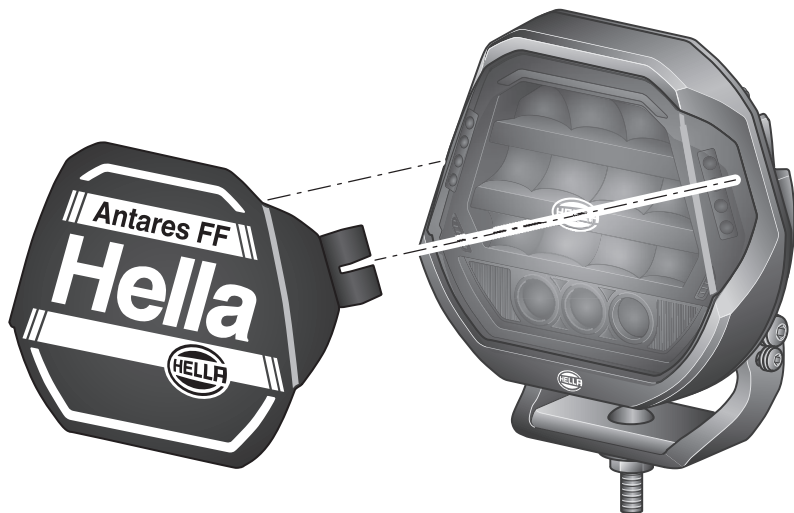


Warning Light

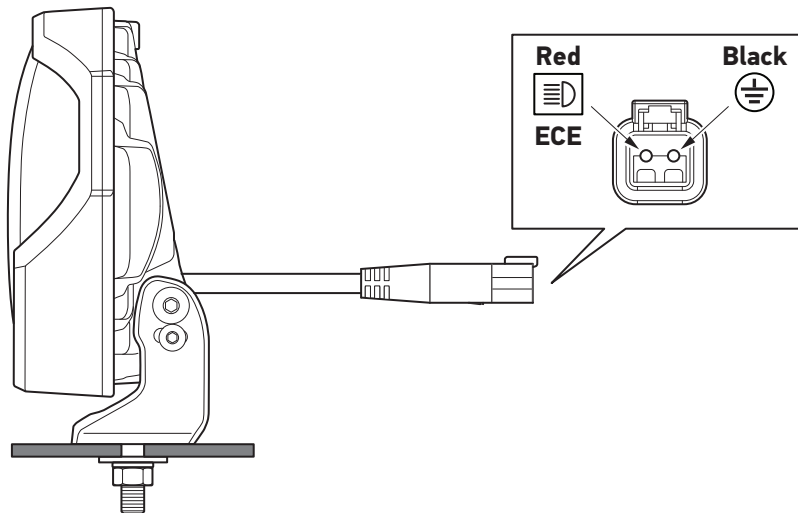


National mounting, installation and operating regulations must be heeded and kept, particularly those relating to pedestrian protection. Before you connect the integrated warning lights, please check if local regulations allow you to use the LED directional warning lights in the installed direction.

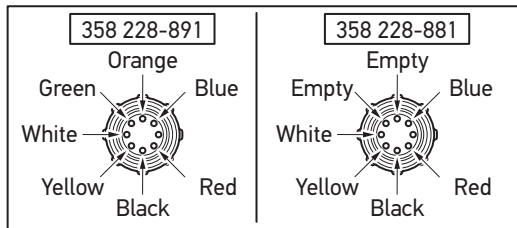
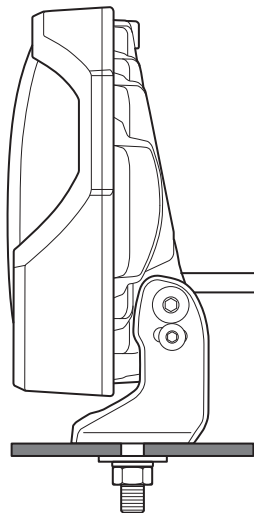




Electrical connection

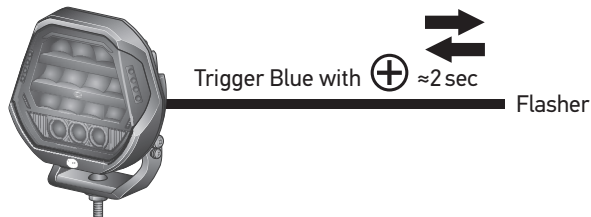
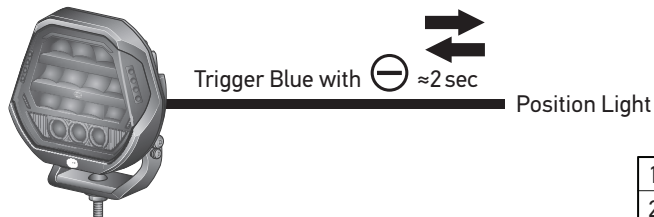


Electrical connection



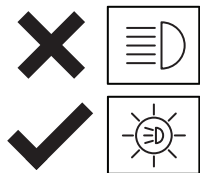
Red	High Beam-Boost only Offroad
White	Ignition +
Yellow	Car position light
Black	Daytime running lamps
Orange	Flasher
Blue	Flasher: switch to + Position light: switch to -
Green	Asynchronous Flasher

Electrical connection



Flash Pattern

1	Fast Flash (Single) ECE
2	Flash (Double) ECE
3	Alternating Single Flash
4	Alternating Double Flash
5	Quad-Flash
6	Slow Flash (Single)
7	Slow Flash (Double)
8	Slow Quad
9	Steady
10	Triple Flash
11	Alternating Triple Flash
12	Tenfold Flash



Remove cover prior to operation, DRL activation excepted.
Once covers are installed onto the lamp, the main beam
is automatically deactivated. DRL and PO still function

TECHNICAL DATA

	1F9 358 228-881	1F9 358 228-891
Input Voltage	10-30 Volt	
High Beam Power	≈32 Watt	
High Beam Power Boost	≈210 Watt	
Daytime Running Light Current	≈12 Watt	
Flasher Current	≈10 Watt	
Position Light Current	≈8,3 Watt	
IP Rating	IP67 / IP69K	
Temperature Range	-40°C → +65°C	
Type Approvals / EMC	Cispr25 Class3, ECE-R10, ECE-R148(PO, DRL) ECE-R149 High Beam	Cispr25 Class3, ECE-R10/R65, ECE-R148(PO, DRL) ECE-R149 High Beam

Operation of the light using alternating voltage or clocked direct voltage is not permitted!
The fuse must be calculated according to the power of the consumer and the required cable cross-section.

It is however essential that country-specific laws are observed.

Check the lighting system, fasten the connection cables securely.

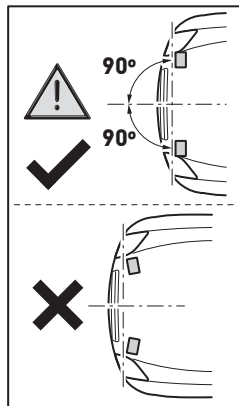
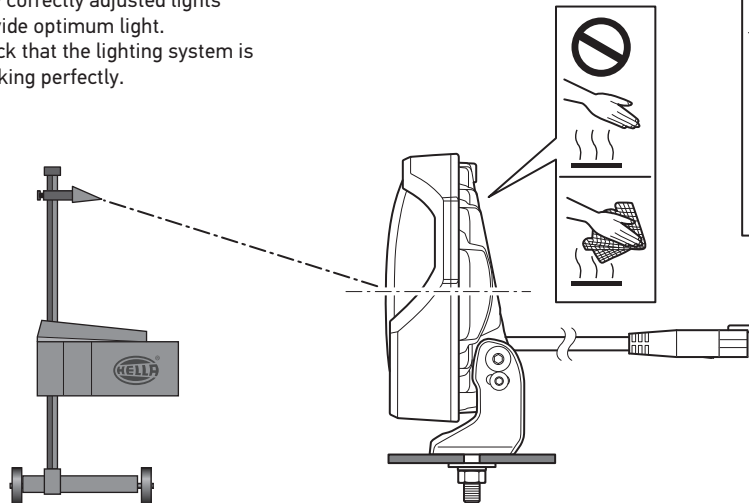
Have the driving lights adjusted at a specialist garage.

Only correctly adjusted lights provide optimum light.

Check that the lighting system is working perfectly.

A useful tip:

Keep the cover lenses clean. Dirt may absorb up to 80% of the light emitted.



Please dispose of the packaging and the product in accordance with the national and regional recycling regulations and laws.



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