



ANTARES

BRIEF INFORMATION

Antares FF 9"

- LED high beam headlamp with modern free-form reflector technology and high-boost mode for maximum light output
- White position light (ECE R148) or amber position light (off-road) and also welcome and goodbye light function
- Integrated daytime running light (white) to be seen more clearly during the day
- Optionally also with warning flash function (different flash patterns selectable)
- Accessories: cover caps in various designs

PRODUCT FEATURES

Position light
white or amber

Interesting design from
all perspectives



Sturdy mounting

Warning flash function in
an Antares FF variant

HELLA Antares FF 9" – LED auxiliary lamp of the next generation

The free-form reflector technology ensures homogeneous, far-reaching illumination and a striking light design. With up to 10,200 effective lumens in high-boost mode, the Antares FF series offers maximum performance for on-road (high beam headlamp in accordance with ECE R149) and off-road use. The white or amber position light with welcome/goodbye sequence highlights the premium character of the product and indeed increases visibility.

Version 1F9 358 228-891 also has a warning flash function in accordance with ECE R65 with several flashing patterns.

Thanks to the multi-voltage electronics (10 – 30 V), cooling system, robust aluminium housing with anodised surface and impact-resistant polycarbonate lens, the series is ideal for tough operating conditions and can therefore be used on many vehicle types.

TECHNICAL DETAILS



Technical data

Version	Antares FF 9"	Antares FF 9", with warning flash function
Operating voltage range	Multi-voltage (10 – 30 V)	
Rated voltage	12 V and 24 V	
Current ±10 % at operating voltage*	16.2 A @ 13.5 V / 7.62 A @ 28 V	16.8 A @ 13.5 V / 7.9 A @ 28 V
Max. output*	249 W	273 W
Light output (effective) High beam headlamp High-boost	2,700 lm 10,200 lm	
Ref. no.	45	
Light function	High beam headlamp, position light (white) or position light (amber), daytime running light, welcome & goodbye light function	High beam headlamp, position light (white) or position light (amber), daytime running light, welcome & goodbye light function, flashing light function*** (amber)
Flashing pattern	–	A total of 12 flashing patterns, 2 in accordance with ECE R65, 10 off-road patterns
Light source	LED	
Colour temperature	6,000 kelvin	
Material	Housing: aluminium (black, anodised)) Lens: PC (polycarbonate)	
Weight	2,350 g	
Temperature range	– 40 °C to + 65 °C	
Protection class	IP 67, IP 69K	
Approved	ECE R149 (high beam headlamp), ECE R148 (white position light), ECE R148 (daytime running light)	
EMC	ECE R10, CISPR 25 Class 3	
Mounting	M10 fastening screw	
Connection	1,500 mm cable with DT connection	
Application	Truck and off-road vehicles	

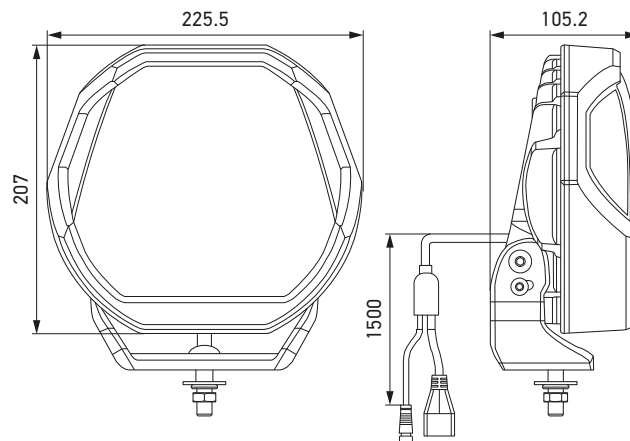
* All functions switched on.

** High-boost switched on.

*** Before connecting the warning flash function, please check whether you belong to one of the groups who, in accordance with local legislation, are authorised to use warning flashers in the mounted direction.

Please observe the relevant country-specific, legal requirements and guidelines for motor vehicles listed up in the installation instructions. | Important: The AMBER position light does not have ECE approval: use may be limited to off-road areas away from public roads and in accordance with local regulations (see installation instructions).

Dimensional sketch



LIGHT FUNCTIONS



Position light (white)
ECE-R148



Position light (amber)



Flashing light function (amber)
ECE R65 (2 flashing patterns)



High beam headlamp
ECE-R149



High-boost mode

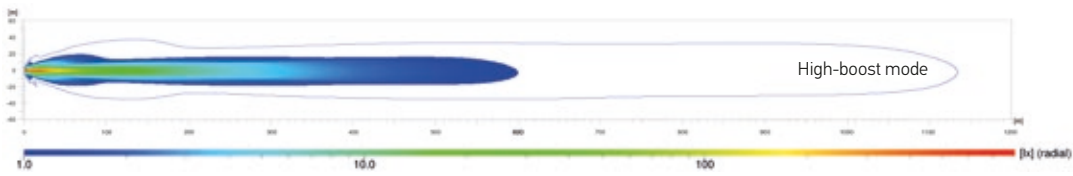


Daytime running light
ECE-R148

LIGHT DISTRIBUTION

The light distributions up to 1 lux (roughly equivalent to the light of a candle) each show two lamps in operation. The scale extends up to 1,200 m.

Antares FF 9"
ECE + high-boost mode



PROGRAM OVERVIEW

Product Image	Description	Part Number	VPE*
	Antares FF 9" LED auxiliary lamp, with white or amber position light, high-boost mode, daytime running light	1F9 358 228-881	1
	Antares FF 9", with warning flash function LED auxiliary lamp, with white or amber position light, high-boost mode, daytime running light and warning flash function (ECE R65)	1F9 358 228-891	1

* Packaging unit.

ACCESSORIES

Product Image	Description	Part Number	VPE*
	Black cover cap with Antares FF design logo, for Antares FF 9"	8XS 358 198-071**	1
	Yellow cover cap, for Antares FF 9"	8XS 358 198-081	1
	Transparent cover cap, for Antares FF 9"	8XS 358 198-091	1

* Packaging unit.

** Please note: the black cap has a magnetic switch. It is not possible to activate the high beam as long as the cap is on the lamp.

In some countries, protective caps are not permitted by law. Before using them on public roads, please check with the relevant government authority.