



## BRIEF INFORMATION

### Module 60 LED

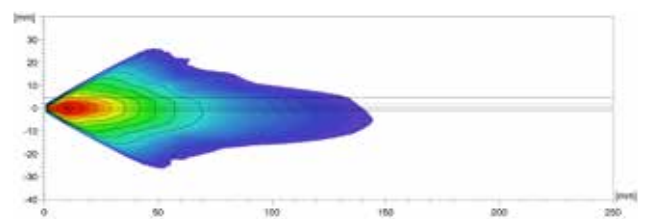
- Particularly compact LED headlamp series
- Specially developed lens system for homogeneous illumination
- Enables easy conversion from halogen to LED technology

### PRODUCT FEATURES

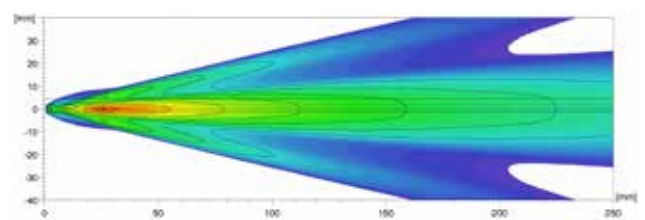
Anyone on the road or in the field at night must be able to rely one hundred percent on their illumination. HELLA's compact Module 60 LED headlamp series provides particularly homogeneous illumination and offers exactly the safety and reliability required on the road as well as in off-highway applications. The lens system specially developed by HELLA focuses the light of the LEDs and distributes it ideally over the application area. Additionally, the products are durable and resistant to vibration, dirt and water.

A special version with an additional mounting frame is available for agricultural and construction machinery. The fixing points of the mounting frames are identical to those of the already established Module 60 halogen headlamp series. Thus, the conversion to LED technology is even easier and faster with this version, in just a few steps. The modules are available as low beam or high beam version.

### LIGHT DISTRIBUTION



Low beam



High beam



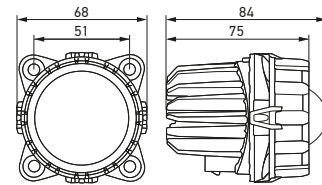
# TECHNICAL DETAILS

## Technical data

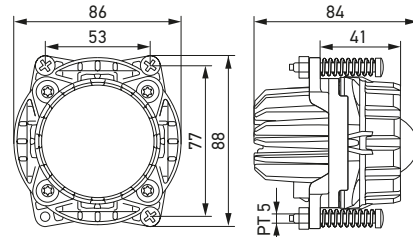
Operating voltage/ Rated voltage	12 V
Light source type	LED
Power consumption	16 W
Colour temperature	6000 K
Protection class	IP 6K9K and IP 6K7
Type approval	ECE, FMVSS108
Housing	Aluminum die cast
Protection	Overheating and reverse polarity protection
Connection	TYCO connector (HB3)
Lens material	Glass
Manufactured in	Austria
Weight	278 g

## Dimensional sketch

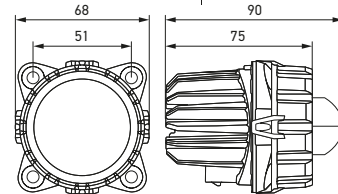
**Low beam**  
1TL 998 670-021



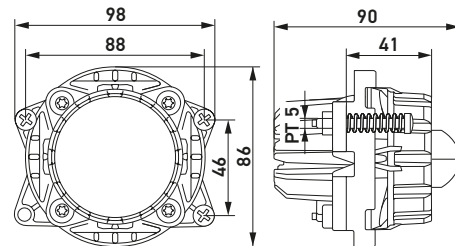
1TL 998 670-041



**High beam**  
1KL 998 670-031



1KL 998 670-051



# RANGE OVERVIEW

Low beam (1TL 998 670-...)	-021	-041
Mounting frame		x
ECE-R113.02 Class D	x	x
ASABE S 0608		x
CCC GB19152-2016	x	x
FMVSS108 2012 § 10.17	x	
ECE-R10-05	x	x

High beam (1KL 998 670-...)	-031	-051
Mounting frame		x
ECE-R113.02 Class D	x	x
ASABE S 0608		x
CCC GB19152-2016	x	x
ECE-R10-05	x	x

# ACCESSORIES

(not included in delivery)

Description	Part number
For 1TL 998 670-021 and 1KL 998 670-031 (variants without mounting frame) Contents: 3 screws, 3 nuts, 3 springs	9XX 331 361-111