

## UltraBeam FF Halogen Close Range Work Lamps



**UltraBeam FF Halogen is a superior, compact heavy-duty work lamp for use on mining machinery. It is suitable for 24V and 12V electrical systems.**

The UltraBeam FF Halogen is well suited to applications where space is at a premium. The very compact optics deliver excellent lighting under continuous use in the extreme environmental conditions encountered in mining applications.

Free-Form optics in UltraBeam FF Halogen lights are designed specifically for use with the new generation of high performance H9 and H11 globes. H9 (12V only) globes are excellent for applications where high levels of light may be required for short periods, but the cost of Xenon cannot be justified, while the longer life H11 globes deliver significantly more light than the older generation of Halogen globes. An AMP connector H3 variant of the UltraBeam FF is also available for less demanding applications.

The optical modules comprise of a precision die cast specular reflector, permanently assembled to a corrosion-resistant hardened glass refractor lens and machined lamp holder, ensuring high efficiency and perfect focus of each unit. (See technical section for more information on Hella's applications engineering service.)

Hella integrated a basic version of the patented MustADD® filter into the UltraBeam FF to ensure the optical system remains virtually dust free over product life in the adverse atmospheres typically encountered in mining. (See technical section for more information.)

The very compact lamp housing is moulded from a highly corrosion-resistant, heavy-duty, UV-resistant polymer body. A lens retaining ring enables easy routine service access from the front, while high temperature O-ring seals ensure effective sealing.

The supplied stainless steel mounting hardware is non-resonant and highly corrosion resistant. The UltraBeam FF features integral DRACO® dampers in the bracket system to reduce the intensity of shock and vibration communicated to the light. (See technical section for more information.)

### Product features

- Stainless steel bracket
- Draco® suspension
- Free-Form beam optics
- MustADD® filter
- DT or AMP plug options
- O-ring seals
- Components tested over a -40°C to +105°C temperature range
- H9 Halogen 65W 12V supplied
- H11 Halogen 70W 24V supplied
- H3 Halogen 70W 24V supplied
- IP6K5K
- 50G shock resistant lamp
- Protective clear covers available

Description	Part No.
<b>12V, H9</b>	
Wide Beam AMP plug	<b>HMUBH19WBA</b>
Narrow Beam AMP plug	<b>HMUBH19NBA</b>
Wide Beam DT Plug	<b>HMUBH19WBD</b>
Narrow Beam DT Plug	<b>HMUBH19NBD</b>
<b>24V, H11</b>	
Wide Beam AMP plug	<b>HMUBH11WBA</b>
Narrow Beam AMP plug	<b>HMUBH11NBA</b>
Wide Beam DT Plug	<b>HMUBH11WBD</b>
Narrow Beam DT Plug	<b>HMUBH11NBD</b>
<b>24V, H3</b>	
Wide Beam AMP plug	<b>HMUBH03WBA</b>



### Spare Parts

Part No.	Description
HM8158	Clear Protective Cover
HM8158AMBER	Clear Protective Cover - Amber
9.HMUBHNB	Insert - Narrow Optic - UB HAL
9.HMUBHNB	Insert - Wide Optic - UB HAL
CF1265	Globe H9 - 12V
YC2470	Globe H3 - 24V
CG2470	Globe H11 - 24V

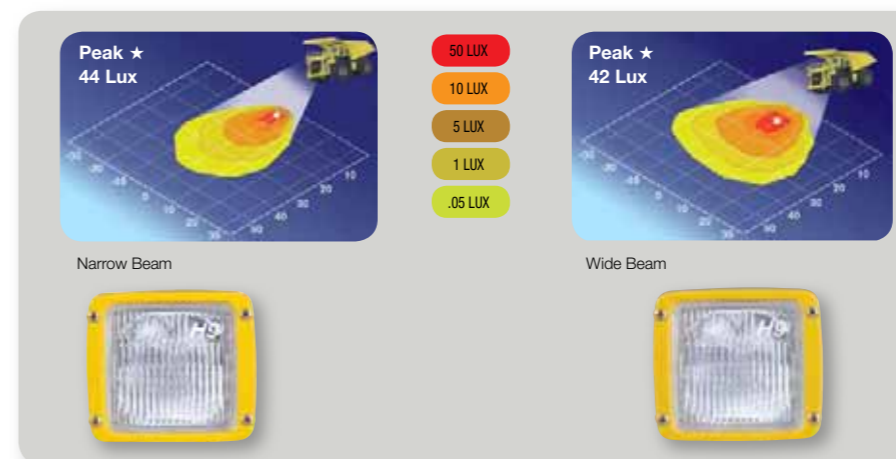
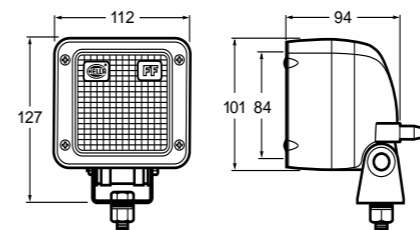
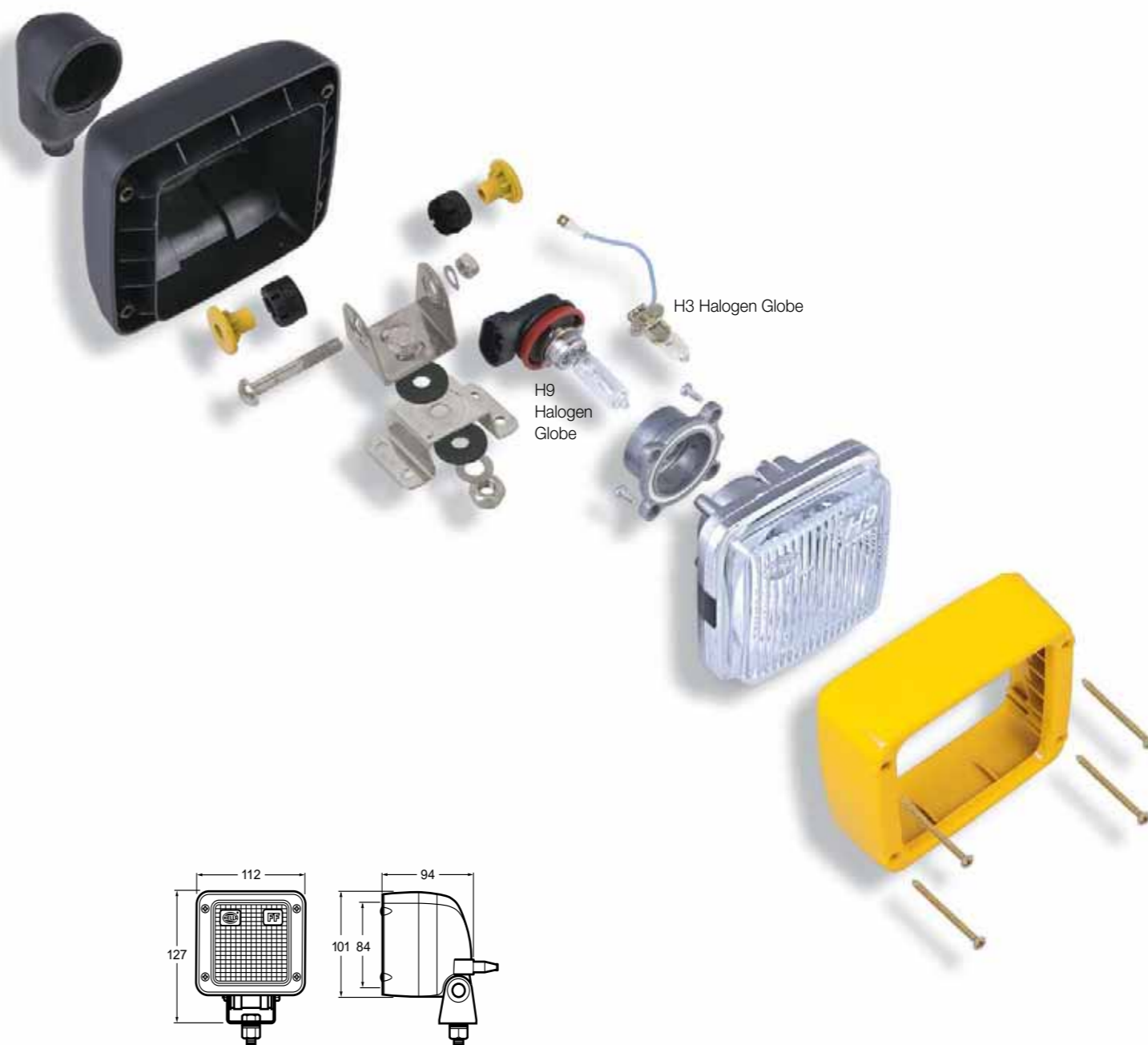


HM8158



HM8158AMBER

Clear cover to be ordered separately



Front View