

AS200 FF Xenon Heavy Duty Work Lamps - 24V DC



AS200 FF Xenon is a compact and highly versatile, heavy-duty work lamp for use on mining machinery; suitable for 24V and 12V electrical systems.

Good lighting is essential to create a safe and productive work area where machine operators can clearly see their work environment and identify any hazards in time to take the required action. The AS200 FF is engineered to deliver excellent lighting in the extreme environmental conditions encountered in mining applications.

AS200 FF lamps employ Hella Free-Form optics to deliver an homogenous spread of light enabling operators to see comfortably for long periods of time. The light distribution of the beam ensures an absence of sharp transitions from light to dark in the operator's visual field, thus significantly reducing adaptation-related eye fatigue and stress.

The optical modules comprise of a precision-moulded specular reflector, permanently assembled to a corrosion-resistant hardened glass refractor lens and machined lamp holder, ensuring perfect focus of each unit. A choice of wide and narrow asymmetric beam types is available to suit different applications. (See technical section for more information on Hella's applications engineering service.)

Hella integrated a basic version of the patented MustADD® filter into the AS200 FF to ensure the optical system remains virtually dust free over the product's life

in the adverse atmospheres typically encountered in mining. (See technical section for more information.)

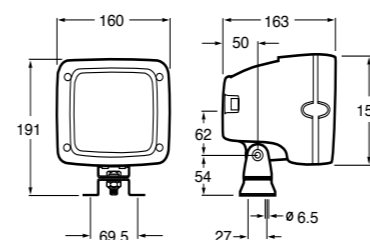
35W Xenon gas discharge lighting systems pioneered by Hella have set the standard across the world for delivering optimum visual acuity and comfort to professional work lamp users. The integral electronic ballast fitted to the AS200 FF range is specifically designed for continuous operation in mining applications. (See technical section for more information.)

Safe and reliable electrical connection is facilitated via a short length of highly flexible double insulated cable, terminated with either DT or AMP connectors; other connector options can be supplied as special orders.

AS200 FF lights use a highly corrosion-resistant, heavy-duty steel reinforced, UV resistant polymer body, featuring an integral non-sag handle for adjustment and handling. 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 AS200 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.)

Sustainable use of resources and high ownership value is ensured through the modular system design, enabling AS200 FF users to repair, or recycle their lights into new applications. Ballasts can be replaced or exchanged to suit different supply voltage values, and beam-spread types can be changed.



Description	Part No.
Wide Beam 24V	HM1536-24V
Narrow Beam 24V	HM1538-24V
Wide Beam DT Plug 24V	HMASX35WBD
Narrow Beam DT Plug 24V	HMASX35NBD
Wide Beam 12V	HM1536-12V
Narrow Beam 12V	HM1538-12V
Wide Beam DT Plug 12V	HMASX35WBD-12V
Narrow Beam DT Plug 12V	HMASX35NBD-12V



Product features

- Steel-reinforced UV-resistant polymer body
- Integral "non-sag" handle
- Stainless steel bracket
- Draco® suspension
- Free-Form wide and narrow beam optics
- MustADD® filter
- Double insulated silicone supply cable with DT or AMP plug
- Replaceable encapsulated Xenon ballast
- O-ring seals
- Components tested over a -40°C to +105°C temperature range
- High efficiency & long life D2S 35W Xenon light
- 12V DC & 24V DC options
- IP65
- 200G shock resistant ballast
- 50G shock resistant lamp
- CE compliant
- Protective clear covers available
- Consumable spares interchangeable with Hella AS500FF Xenon range

Spare Parts

Part No.	Description
HM8154	Clear Protective Cover
HM8154AMBER	Clear protective Cover – Amber
9.HMASXWB	Insert – Wide Optic – AS200/500 GDL
9.HMASXNB	Insert – Narrow Optic – AS200/500 GDL
9.HMASXB24	Ballast – AS200/500 24V
9.HMASXB12	Ballast – AS200/500 12V
XN4000	Globe – Xenarc D2S

