

UltraBeamFF X-PowerPack Xenon Work Lamp



UltraBeamFF X-PowerPack is a very compact, heavy-duty Xenon work lamp for use on small mining machinery. It is 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 35W Xenon discharge lighting systems pioneered by Hella have set the standard across the world for delivering excellent visual acuity and comfort to professional work lamp users.

Hella Free-Form optics enables the very compact UltraBeamFF X-PowerPack to deliver a 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 module comprises of a precision Free Form reflector, permanently assembled to a corrosion resistant hardened glass lens and

machined lamp holder, ensuring high efficiency and perfect focus of each unit after lamp changes.

The UltraBeamFF X-PowerPack is constructed around a new ballast module for applications where space is at a premium. The integral electronic ballast used by the UltraBeamFF X-PowerPack is a "clean sheet" design optimized for continuous operation in mining applications, with particular attention paid to limit the impact of Electromagnetic interference.

Hella integrated a basic version of the patented MustADD® filter into the UltraBeamFF X-PowerPack to ensure the optical system remains virtually dust free over product life in the adverse atmospheres typically encountered in mining.

The optical assembly of the very compact lamp housing is moulded from a highly corrosion-resistant heavy-duty UV resistant polymer; the rear body and ballast housing is die cast aluminium ensuring optimal heat dissipation.

The supplied stainless steel mounting hardware is non-resonant and highly corrosion resistant. Integral DRACO® dampers in the bracket system reduce the intensity of shock and vibration communicated to the light. The UltraBeamFF X-PowerPack is available in both pedestal mount and pendant mount configurations.

Product Features

- In-built 5th generation electronic ballast with aluminium heatsink
- Compact design
- Fast and easy installation
- High-sheen free-form (FF) reflector
- High efficiency D1S 35W Xenon Globe
- Hardened glass lens
- Wide Beam Optics
- Supplied with stainless steel pedestal bracket and additional mounting foot
- Compatible with existing UltraBeamFF mounting brackets
- 12V DC and 24V DC variants
- IP6K7 and IP6K9K
- 200g shock resistant (ballast/housing)
- Clear protective cover included

Specifications

Voltage	12 and 24V DC options
Power Consumption	35W Globe (42W total)
Mounting	Stainless steel pedestal bracket for 4-point mount and additional stainless steel mounting foot for single bolt mount included.
Cable	Pre-wired with 0.2 metre sheathed cable and DT plug.
Temperature Range	-40°C to +80°C
Protection	Fully sealed against dust and moisture to IP6K9K. Shock resistant to 200G (ballast/housing) and 30g (lamp).
EMC Approval	EMC Class 5 according to CISPR25 for absolutely disturbance free radio and wireless transmission.

Description	Part No.
12V DC X-PowerPack	
Xenon Wide Beam, Pendant Mount	HMUBXHWBD-12V
Xenon Wide Beam, Pedestal Mount	HMUBXSWBD-12V
24V DC X-PowerPack	
Xenon Wide Beam, Pendant Mount	HMUBXHWBD-24V
Xenon Wide Beam, Pedestal Mount	HMUBXSWBD-24V

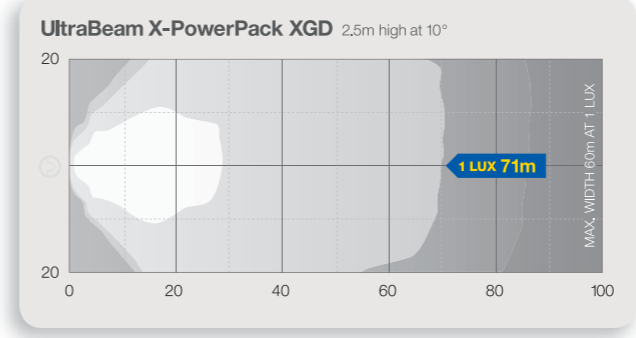
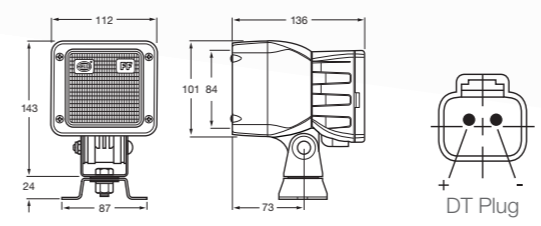


Spare Parts

- HM8160 Clear Protective Cover (included)
- HMXXN4001 D1S Xenon Globe



HM8160



Pedestal Mount

Pendant Mount