



Thank you for choosing a Hedler Light Unit and your confidence in the Hedler Light System. Please, read the following technical informations carefully before using the Light Unit.

Codes are given in <Brackets>.



TECHNICAL DESCRIPTION

Light Units of the HEDLER D range are designed for professional use, they are assembled by applying precision methods and tested individually for function and quality. The Daylux™ Flood Light HEDLER D 04 is provided with an integrated U-Bracket and a friction brake and a 5/8" Quick-Lock Light Stand Attachment. After loosening the hex key screws by app. 2 turns, the U-Bracket can be moved back and forth in its keyway for gravity adjustment and it is turnable for right and left hand use.

The Daylux™ Flood Light HEDLER D 04 uses AC of 170 - 270 V and the modern Metal Halide 400 W SE Lamps, which can be re-ignited after 10 seconds while the cooling down has started by switching-off the Light Unit. The Forced Air Cooling by a DC motor, which also serves for protection of the electronics, permits continuous operation of the Light Unit in any position and is switched on and off together with the lamp.

On its front side, the aluminium housing holds the triple coated UV+Colour-filter of frosted Borofloat™ safety glass. Additionally there are the Uni-Adapt studs and the Quick-Fit adapter for attaching reflectors.

Interchangeable reflectors with bayonet ring can be attached in the following way: place the rim of the ring into the guide grooves of the upper studs and the round opening over the cone-shaped bolt, and lock it by a turn to the left. To attach the rotatable Leaf Barndoors or a MaxiSoft Folding Reflector, place the rim of the ring into the guide grooves of the upper studs, and then push the complete reflector towards the Quick-Fit's cone-shaped bolt until the ring locks in the bolt's groove. Detach the reflector by lifting the Quick-Fit's handle, moving the lower side of the reflector away from the light unit's housing, and then lifting the reflector's ring out of the guide grooves of the upper studs. The Borofloat™ UV+Colour-filter is held by a clip, which pulled upwards will permit removing the diffusor for replacing the lamp.

In addition to the parabolic reflector, lamp socket and ignitor, the housing accommodates the Electronic Ballast, which supplies stabilized voltage of 85 - 130 V 600 Hz to the lamp, ensures flicker-free light of constant intensity and a colour temperature of app. 6000 K. Besides that, it will extend the average lamp life by app. 20 percent and reduce the power consumption by about 12 percent. Ignition is effected by 2 x 14 KV symmetrically, faulty lamps will be detected and switched off automatically. RF interference reduction meets all applicable EN 61000-3-2 standards.

On the back side of the housing, one will find the ergonomically incorporated handgrip, the cable, the fuse holder which is secured against loss and - for visual function control - the illuminated switch. For replacing the F 4A fuse, the fuse holder has to be opened by a 180° turn to the left, afterwards it is closed by pushing it back into its place and turning it 180° to the right.

Daylux D 04



Please, disconnect the Hedler Light Unit from the power supply when exchanging lamp and/or fuse.

NECESSARY PRECAUTIONS

Never obstruct the Forced Air Cooling (intakes or exhausts) in any way when the Hedler D 04 is in use. Always keep a minimum distance of 100 cm between the safety glass (or accessories) and any combustible materials when the Hedler D 04 is in use. Never use the Hedler D 04 near any inflammable liquids, gases, materials or explosives that may be ignited by heat or spark. Hedler D 04 are designed for professional use and should be used with professional care. The manufacturer will not assume responsibility for damage caused by unprofessional or otherwise careless use of this equipment.

Please pay attention to the following safety notes:

- Always disconnect the Hedler D 04 from the power supply before performing any kind of maintenance work on the unit.
- Never use a defective Hedler D 04. Never use a Hedler D 04 with a defective power cord.
- Never use a Hedler D 04 a defective safety glass. Replace a defective safety glass immediately.
- Always use the Hedler D 04 in combination with a steady and secure standing light stand. Always work within the light stand's load capacity, especially if you are using, or plan to use, large and/or heavy folding reflectors.
- Never use a Hedler D 04 unattended.
- Never use the Hedler D 04 outdoors nor in exceptionally humid conditions.
- Never use the Hedler D 04 for any reason other than photographic or cinematic lighting.
- Always keep the Hedler D 04 out of reach of children. This is not a toy, the D 04 is unsuitable for use by children.

LAMPS and FUSES

For replacing the lamp, pull the clip upward, which is securing the Borofloat™ UV+Colour-filter and remove the filter. Make sure that the lamp has cooled down before pulling it out of the socket with a forward motion. Push the new lamp <8401> into place, making sure that the pins, which are of different diameters, are aligned correctly into the socket. Replace the UV+Colour-filter and push the clip back down.

Please, note that a Metal Halide lamp may only be used with the triple coated UV+Colour-filter in its place.

For replacing fuse, use a coin to unscrew the cap of one of the fuse boxes, located left of the main switch on the backside of the Light housing, by a counter-clockwise turn. Remove the spent fuse and replace it by a new one of the appropriate type. Closing is done by pressing down the lid and screwing the cap into its place by a clockwise turn.

ACCESSORIES

It is recommended to use Light Units of the Hedler range only in combination with an original HEDLER Leaf Barndoor or one of the HEDLER accessory reflectors. This permits adjusting the light beam to the requirements of any situation. In addition to the reflectors MaxiNorm, MaxiSun and MaxiBrite or the MaxiSoft Folding reflectors, 4-Leaf Barndoor, Reflex Umbrellas and Honeycombs are available. For detailed information and the possibilities of forming the light beam to special characteristics, consult the current Hedler catalogue, it will be sent to you upon request free of charge, or visit our website with the latest information.

HEDLER WARRANTY

All Hedler equipment is fully guaranteed against any material or manufacturing defects for three years after date of purchase. Parts made out of glass, Tungsten Halogen lamps and Flash bulbs are not covered by this warranty.

MAINTENANCE and REPAIR

Used under normal professional conditions, Hedler Daylux™ Light Units require no maintenance. If repair is required, please, contact your dealer, the authorized distributor in your country or the Hedler factory directly. Please note, that a pre-dismantled Light Unit could cause increased repair costs.

APPROVAL and UL STANDARDS for SAFETY

The Hedler D 04 Light Unit is SEV Standard tested, sign Schweiz HD 504.

The Hedler D 04 Light Units does not have the UL (Underwriters Laboratories) Standards for Safety sign for the USA and Canada.