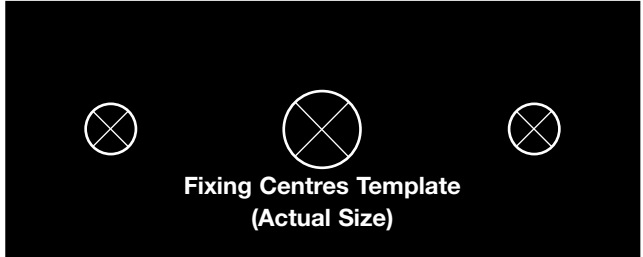


# HydroLUX®

H1 Halogen Submersible Driving Lamp

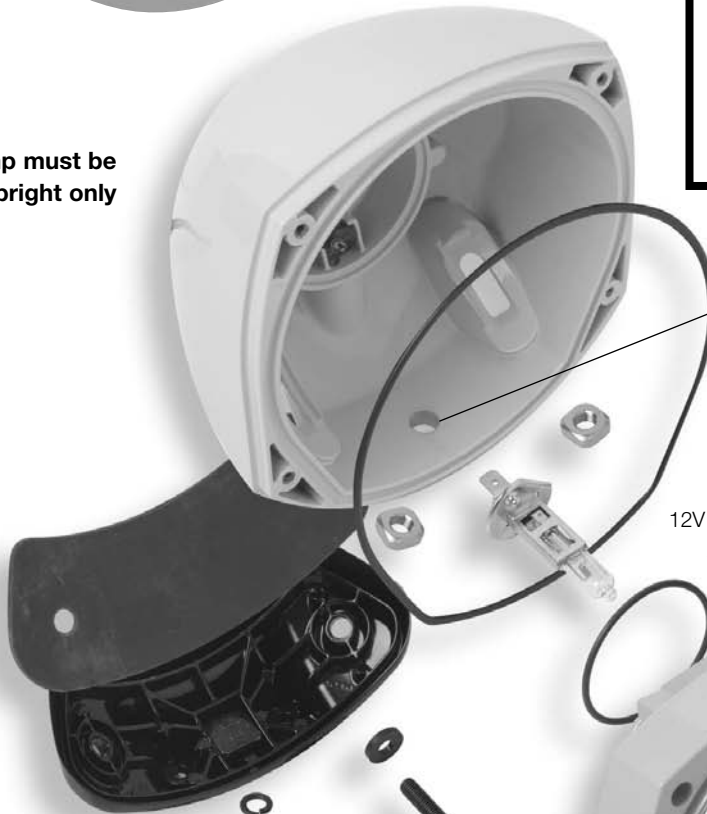
## Mounting instructions

Please retain for future reference



Fixing Centres Template  
(Actual Size)

This lamp must be mounted upright only



Drain Bottom



Clear Cover Spare Part:

8151

**Globes to suit:**

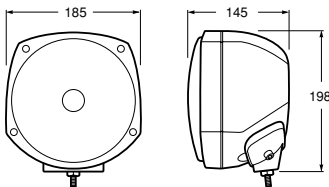
12V (CX1255BL) or 12V (C12100)  
24V (C24100) or 24V (C2470)

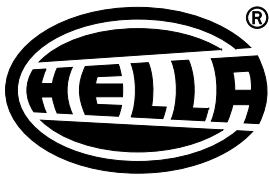
**Mounting Bracket Spare Part (includes screws and rubber.)**

HM9.1374.08  
9.1374CHROME.08  
9.1374MIL.08

**Insert Assembly Spare Part (includes screws and O-rings.)**

Pencil	9.1374.01
Spread	9.1375.01
Pencil	9.1374CHROME.01
Spread	9.1375CHROME.01
Pencil	HM9.1374HD.01
Spread	HM9.1375HD.01
Pencil	9.1374MIL.01
Spread	9.1375MIL.01





# HydroLUX®

H1 Halogen Submersible Driving Lamp

## Mounting instructions

Please retain for future reference

### Technical data

	Voltage	
	12 V	24 V
Rated voltage	12 V	24 V
Operating voltage	12 V	24 V
Input current (in steady state)	7.6 A (with 100W)	3.6 A (with 100W)
Protection code	IP67 Submersible to 1m	
Length of wiring harness supplied for input 12V or 24V	Length 2.5m	
Lamp type	H1 (P14.5s)	
Required fuse in series to input	10 A	5 A

### Installation and Operation Instructions for Alternative Headlamps (Driving Lamps):

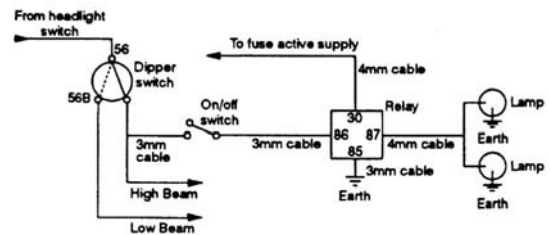
#### Warning!

The Motor Vehicle Regulations vary from State to State in relation to the accepted method of wiring, mounting and use of driving lamps. The circuit is suggested only and a check with the appropriate authority is advised. (Police Dept).

#### Mounting:

- After ascertaining desired position on front of vehicle, allowing enough space for adjustment, ensure that the lamps are fitted to rigid point of the vehicle such as the bumper bar. This minimises vibration, transmission and possible adverse effects on beam alignment and globe life.
- Drill an 11mm hole for the lamp mounting bolt. Tighten bolts firmly.
- When mounting relay ensure cable between battery, relay and lamps is kept as short as possible. Relay should be protected from water, dust and heat and mounted with the terminals pointing down.

#### Driving Lamp wiring diagram



#### Wiring procedure:

(✓) Tick as completed.

- Disconnect the earth cable from the vehicle battery.
- Connect a 3mm cable from the high beam terminal 56A of the headlight dipper switch.
- Connect a 3mm cable from a fused active supply (vehicle fuse box) to one side of the on/off control switch.
- From the remaining terminal of the on/off control switch connect to terminal 86 of the relay.
- Using 4mm cable connect terminal 30 of the relay via fuse to a major active supply (starter solenoid, alternator or battery).
- Connect terminal 87 of the relay to both lights using 4mm cable (Blue).
- Connect terminal 85 of the relay to the vehicle earth using 3mm cable.
- Connect the lamp earth cable (Brown) to the chassis earth or negative battery terminal.
- Thoroughly check all connections and wiring. Only then re-connect earth cable to battery.
- First connect Brown wire to corrugated terminal inside HydroLux®, then connect Blue wire to smooth terminal.
- Test and align lights, then finally tighten all mounting bolts.

#### Note:

The use of a Hella relay is recommended.

Recommended Hella	Fused	Unfused
	3076 12Volt	3078 12Volt
	3077 24Volt	3079 24Volt

Black plastic bolt plugs (supplied) may be used to cover hex bolt heads.

- Hella shall be absolved from all responsibility for any modifications performed on the luminaire
- Use only certified original equipment for replacement purposes

**INSTRUCTION SHEET** for:  
Part No. 1375, HM1375HD,  
1375CHROME & 1375MIL



### ADR – APPLICATION AND MOUNTING INSTRUCTIONS

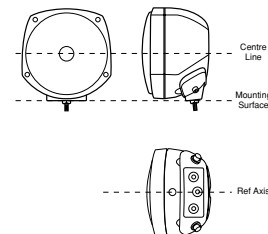
ADR: 46/00 HIGH BEAM HEADLAMP

#### LAMP MUST BE MOUNTED AS FOLLOWS:

- Driving lamp must be securely mounted and properly aimed, with the beam pattern extending beyond the low beam road illumination.

#### ADR 13/00 INSTALLATION REQUIREMENTS:

- Geometric visibility: The whole lens surface must be visible within 5 degrees around the lamp reference axis.



#### LENS IDENTIFICATION NUMBER: 04HR 999

CATALOGUE NUMBER	ENGINEERING NUMBER	SE-FORM NUMBER	COMPLIANCE NUMBER	ADR 51/00 GLOBE	ADR APPLICABLE
1375	95722600	HL*1375*A	31112	H1	46/00
HM1375HD	95722601	HL*1375*A	31112	H1	46/00
1375MIL	95722602	HL*1375*A	31112	H1	46/00
1375CHROME	95722603	HL*1375*A	31112	H1	46/00

AMENDMENTS				ADR COMPLIANCE VERIFIED:	ISSUE DATE:
				<i>[Signature]</i>	01/07/2003
911-353-77					