

## Hydrargyrum Medium-arc Iodide (High intensity cool daylight lamps)

These are our new daylight balance lamps. They have a color temperature of 5200K, and their average life is 7000 hours. They emit over 5 times more light output in comparison of a 150W incandescent lamp. Using a daylight balanced lamp can solve the problem of mixing natural daylight with artificial light source--you don't need to put a blue color gel or expensive dichroic filter over your halogen lamp to balance the daylight, and with digital cameras, your white color will be white, not with a yellowish cast, and you can use these lamps together with electronic flash as their color is identical.

### MH-800

is our most popular model as it is small in size, light weight but with heavy-weight features. It contains a 150W, double glass envelope bulb with diffused coatings, metal halide bulb. The bulb shapes like an ordinary light bulb with E-27 screw base hence the light pattern is same as standard photoflood bulbs. The efficiency of MH-800 is extremely high, its light output equals to a 800W incandescent bulb although its consumption is only 150W, a big Energy Star. Lamp comes with standard 65 degree reflector, protective wire mesh, 150W, 5200K metal halide bulb.



### MH-2400

is a super bright lamp. It contains 3, 150W metal halide bulbs in one lamphead. The light output equals to 2400W of incandescent bulb but it only consumes 450W of energy. MH-2400 has a selection switch to turn one, two or three bulbs on so that you can adjust the brightness by switch. It is a portable sun. You can use it with softbox, or use it with Clear shield alone with diffuser over the 40cm/16" aluminum reflector. Lamphead comes with detachable handle, power cable and protective cap, 3, 150W, 5200K metal halide bulbs. *(reflector, diffuser, clear shield are not included)*



### MHP-800



**MHP-800** is a stand alone electronic ballast of 150W Metal Halide bulb. It is intended to turn our econ light kit system into a much brighter artificial daylight source. Because of the simplicity of design, it eliminates the need of cooling device hence economical to use. It can be mounted on permanent fixture, or on light stand pole. Unit comes with 1, 150W, 5200K Metal Halide bulb, 12ft power cord. **Lamp socket, reflector and stand are not included.** User can use any other standard E-27 ceramic lamp socket with power cable not longer than 12ft. The application of this lamp is limitless, not just for photo imaging. It is recommended to use with our **Econ-Pro** series lamp socket (**10-600**) with Q-26 reflectors as it withstands the extreme heat from the HID bulb.

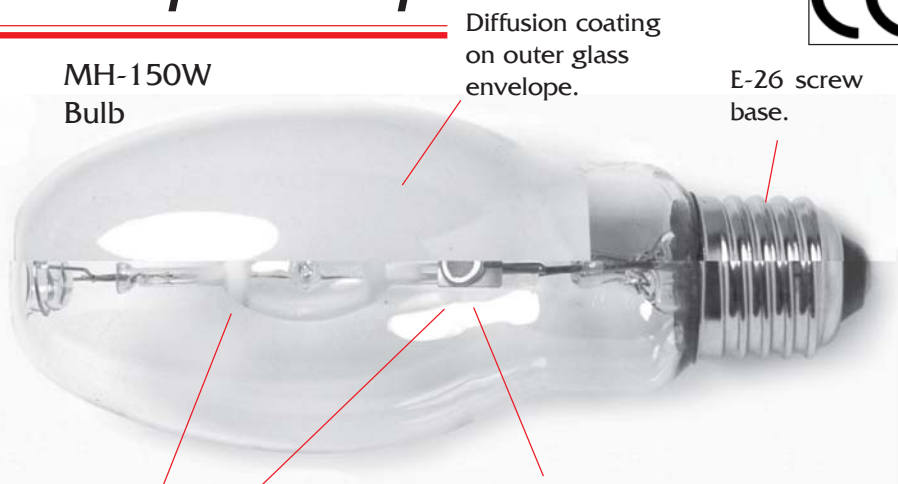
## HMI-Imager (metal halide lamp /MHID lamp)



This is the most efficient light bulb in terms of converting electrical energy to light. It generates much less infra-red radiation in comparison to tungsten filament or quartz halogen bulb. The latter has more infra-red radiation which means heat, energy is being wasted.

The metal halide bulb is an arc bulb, there is no tungsten filament inside, but high pressure gas enclosed in a tiny quartz envelope. It is widely used on public locations like street sign, department store illumination etc. The light is mostly white, more pleasing to the eyes.

The metal halide bulb needs about 5 minutes to full working brightness, and when turning off, it needs 3 minutes to cool down to turn back on depends on climate of countries



Diffusion coating on outer glass envelope.

E-26 screw base.

MH-150W Bulb

Electrode

High pressure gas in inner quartz envelope, Temperature is about 900 degrees when lighting up.

### Specifications: **MH-800**

### **MHP-800**

### **MH-2400**

Voltage: 110-130Vac, or 220-240Vac.  
 Bulb: 1, MH-150W, 150W, included  
 Type: E-26, double quartz/glass envelope.  
 Ballast: 1, Electronic, self-contained.  
 Bulb life: 7000 hours.  
 Lumen: 12500  
 Color temperature: 5200K, daylight.  
 Dimmer: Not available.  
 Brightness control: Not available.  
 Warm-up time: 5 minutes.  
 Off-on wait period: 3 minutes.  
 Thermo protector: Yes.  
 Lamphead cooling: Fan-less,  
 Casing:: Aluminum/Engineering plastic.  
 Protective cap: Optional  
 Mounting bracket: 5/8"/16mm stand spigot.  
 Diffuser: Optional.  
 Safety mesh: QF-65WM, Included  
 Reflector: QFH-65, included.  
 Power cable: Detachable, 12ft/3.5m, 3 wire.  
 Fuse: 3A with spare fuse.  
 Size: 5x5x7"/13x13x22cm  
 Weight: 2.2lb./1kg.  
 Package size: 8x8x13"/21x21x33cm.

110-130Vac, or 220-240Vac.  
 1, MH150W bulb included  
 E-26 150W metal halide only  
 Stand alone  
 7000  
 12500  
 5200K, daylight  
 not available  
 not available  
 5 minutes  
 3 minutes  
 Yes  
 N/A  
 All metal  
 No  
 Rubber fastener, 1/4-20 female  
 No  
 Optional clear Lexan shield  
 Optional 10" reflector  
 12ft/3.5m, 3 wire  
 3A with spare fuse  
 3x5.2x7"/7x13x18cm  
 1.8lb/0.8kg  
 6x6x7"/150x150x190mm

110-130Vac, or 220-240Vac.  
 3, 150W, bulbs, included.  
 E-26, double quartz/glass envelope.  
 3, Electronic, self-contained.  
 7000 hours.  
 37500, total 3 bulbs.  
 5200K, daylight.  
 Not available.  
 Switch to 1, 2, 3 bulbs.  
 5 minutes.  
 3 minutes.  
 Yes.  
 Yes, one small quiet fan  
 Aluminum/Engineering plastic.  
 Included.  
 5/8"/16mm stand spigot.  
 Q-40D, Q-40CS optional  
 Optional  
 QFH-90, optional  
 Detachable, 12ft/3.5m, 3 wire.  
 7A with spare fuse  
 5x5x11.5"/13x13x30cm  
 4.5lb/2kg.  
 8x8x15"/21x21x40cm