

## M40 with MAX Technology®

### Main Features

- 5 Years extended warranty\*
- Lens-less MAX Technology®: Easy to use
- Around 30 % brighter than AS 40
- Compensation of Cable Losses (CCL)
- Tubular steel yoke
- Two disk brakes with steel handles
- Cross-Cooling allows safe operation at extreme tilt angles
- Suitable for high frame rate images
- Weather resistant

### “More Light, Less Work.”

#### Lens-less System with MAX Technology®

A member of the ARRI M-Series®, the M40 is a lens-less system that unifies the advantages of Fresnel and PAR fixtures. The unit is open face and thus very bright: around 30 % brighter than an AS40 in spot. Due to its unique, patented MAX Technology® reflector, it is also focussable over a range of 18-52° Half Peak Angle. The M40 gives a remarkably even beam spread that casts crisp shadows over the whole focus range. The reflector characteristics is optimised for 4,000 W lamps, but can also be used with 2,500 W lamps. The elimination of heavy but fragile spread lenses makes the lamphead ideal for rough location use, speeds up the work flow and reduces total cost of ownership.



The lamphead is equipped with a CCL module (Compensation of Cable Losses). When operated with the ARRI EB® 2.5/4 kW High Speed AutoScan with CCL, full power is maintained all the way to the lamp even when very long cables are used. This means uniformly high light output independent from cable length.

In order to hold even the heaviest accessories safely in place, the M40 has a tubular steel yoke and two disc brakes. Equipped with robust steel handle on both sides - same as M90 - the new design offers best handling and grip in all weather and application conditions.

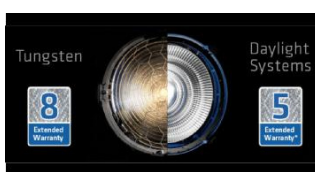
The M40 has the same accessory diameter as the AS 40 so that existing barndoors and scrims can be reused.

Like all True Blue® ARRI lampheads, the M40 implements cross cooling and allows thus safe operation even at extreme tilt angles.

The electronics housing is spaced apart from the actual lamp housing to keep temperatures down and prolong the lifetime of electronic components. It is easy to open and to maintain.

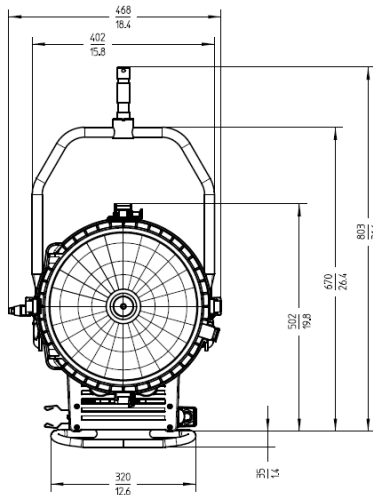
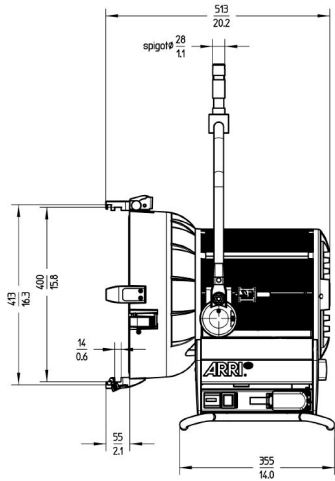
For outdoor use the M40's IP23-rated weather resistance withstands even driven rain.

For Daylight Systems ARRI offers an extended warranty period of five years.



\*if purchased with ARRI electronic ballast

## Technical Specifications



Order No.	Description
L1.37400.B	M40 daylight lamphead with MAX Technology® reflector, 4000 W manual, blue/silver, intern. connector (VEAM)

### Electronic Ballasts

L2.76655KH	EB® 2,5/4 High Speed AutoScan, ALF, CCL, DMX, 50/60/75/1000 Hz, 230 V, intern. connector (VEAM), bare ends
L2.76640.0	EB® 2,5/4 with ALF, 50/60/75 Hz, intern. connector (VEAM), bare ends

### Accessories

L2.41200.0	4-leaf barndoor, True Blue® (413 mm / 16,3")
L2.37305.0	Spill Ring (400 mm / 15,8")
L2.81225.0	Snoot (413 mm / 16,3") with variable aperture
L2.81230.0	Set of 4 scrims (400 mm / 15,8")
L2.81230.A	Scrim, full single (400 mm / 15,8")
L2.81230.B	Scrim, full double (400 mm / 15,8")
L2.81230.C	Scrim, half single (400 mm / 15,8")
L2.81230.D	Scrim, half double (400 mm / 15,8")
L2.75620.0	Head-to-Ballast cable, 2500/4000 W, 7 m, intern. connector (VEAM)
L2.75620.C	Head-to-Ballast cable, 2500/4000 W, 15 m, intern. connector (VEAM)
L2.89055.0	Chimera Lightbank Quartz Plus „M“, incl. 3 front screens (8435)

### Lamps

L2.0003883	Lamp DIS 2500 W/SE G38 UV-B (Koto)
L2.89255.0	Lamp HMI 2500 W/SE XS G38 (Osram)
L2.0003882	Lamp DIS 4000 W/SE G38 UV-B (Koto)
L2.89256.0	Lamp HMI 4000 W/SE XS GX38 (Osram)

### Specifications

Reflector	MAX Technology® reflector made of high purity aluminium
Mounting	Spigot 28 mm / 1 1/8" (1.1")
Dimensions	402 x 511 x 670 mm (15.8 x 20.1 x 26.4 inches) (W x L x H)
Packed size	595 x 665 x 660 mm (23.4 x 26.2 x 26 Zoll) (W x L x H)
Weight	approx. 19 kg / 42 lbs
Packed weight	approx. 23 kg / 51 lbs
Protection Class	IP23
Certifications	CE, CB, GS, cNRTLus

### Photometric Data with 4000 W lamp

Throw (m) / (ft)	7 / approx. 23	10 / approx. 33	15 / approx. 49
<b>Spot: 18°</b>			
Output (lux)	40,300	19,700	8,750
Diameter (m)	2.2	3.1	4.7
<b>Medium: 30°</b>			
Output (lux)	13,500	6,500	2,900
Diameter (m)	3.6	5.2	7.8
<b>Flood: 52°</b>			
Output (lux)	5,000	2,450	1,075
Diameter (m)	6.1	8.8	13.2

All specifications are nominal / typical values.