

M40 with MAX Technology®

Main Features

- Lens-less MAX Technology®: Easy to use
- Around 30% brighter than AS 40
- Same size as AS 40 but over 3kg lighter
- Compensation for Cable Loss (CCL)
- Tubular steel yoke
- Two disk brakes with steel handle
- Cross Cooling allows safe operation at extreme tilt angles
- Weather resistant IP23 rating

“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 a Fresnel and a PAR fixture.

The unit is open face and thus very bright: around 30% brighter than an ARRISUN in spot. Due to its unique, patented MAX Technology reflector, it is also focussable over a range of 18-52° HPA. The M40 gives a remarkably even beam spread that casts crisp shadows over the whole focus range. The reflector characteristics is optimised for 4000 W lamps, but can also be used with 2500 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 for cable loss). When operated with the ARRI EB 2.5/4 kW HS 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.

Steel Yoke with two dual friction brakes

In order to hold even the heaviest accessories safely in place, the M40 sports 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.

Accessories reusable

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.

Technical Specifications

Order No.	Description
L1.37400.B	M40 4000 W / 2500 W Daylight Max Technology Lamphead, manual, blue/silver, int. (VEAM)

Electronic Ballasts

L2.76655KH	EB® 2,5/4 HS AutoScan with ALF, CCL, DMX, 1000 Hz
L2.76675KH	EB® 2,5/4 HS 115/230V with ALF, 1000 Hz
L2.76651.0	EB® 2,5/4 with ALF, CCL, DMX
L2.76640.0	EB® 2,5/4 with ALF

Accessories

L2.41200.0	4-leaf barndoor
L2.37305.0	Spillring
L2.81230.0	Set of 4 Scrims
L2.75620.0	Head to ballast cable, 2500 / 4000 W, 7 m, int. (VEAM)
L2.75620.C	Head to ballast cable, 2500 / 4000 W, 15 m, int. (VEAM)
L2.89055.0	Chimera Lightbank Quartz Plus „M“, incl. 3 front screens (8435)

Lamps

L2.000388.2	Lamp DIS 4000 W/SE G38 UV-B (Koto)
L2.89256.0	Lamp HMI 4000 W/SE XS G38 (Osram)

Specifications

Reflector	MAX reflector design made of high purity aluminium
Mounting	spigot 28 mm / 1 1/8"
Dimensions	468 x 511 x 734 mm (W x L x H)
Packed size	600 x 600 x 570 mm (W x L x H)
Weight	approx 19 kg / 42 lbs
Packed weight	approx 23 kg / 51 lbs
IP Rating	IP23
Certification	CE, CB, GS, cNRTLus

Photometric Data with 4000 W lamp

Throw (m) / (ft)	7 / approx 23	10 / approx 33	15 / approx 49
Spot: 18°			
Output (lux)	40300	19700	8750
Diameter (m)	2.2	3.1	4.7
Medium: 30°			
Output (lux)	13500	6500	2900
Diameter (m)	3.6	5.2	7.8
Flood: 52°			
Output (lux)	5000	2450	1075
Diameter (m)	6.1	8.8	13.2

