

M90

More light, less work

The M90 closes the gap between M40 and ARRIMAX 18/12, which sits almost exactly in the middle between the two. The unit is focusable from 15° up to 49° just by turning the focus knob, producing a remarkably even light field and a crisp, clear shadow.

The elimination of spread lenses speeds up the workflow on set.

The 9,000 W lamp is very similar in size to the 6,000 W lamp, which makes the MAX Technology reflector function perfectly at both wattages. The superior housing and cooling concept have made a very compact design close to the dimensions of the ARRISUN 60.

Together with the latest electronic high speed ballast, EB 6/9 HS with AutoScan, this combination represents the state of the art daylight system for high quality images at high frame rates. All EB 6/9 kW ballasts are equipped with CCL module (Compensation of Cable Losses) enabling 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. Since the accompanying EB 6/9 kW ballast uses the housing of the current EB 6000 Baby, the 6 kW Head-to-Ballast cables are compatible and the whole system is highly efficient and delivers a light output close to a traditional 12 kW PAR (with lens) within the dimensions of a 6 kW PAR system – it punches above its weight!

Features

Lens-less MAX Technology

Light output matches a 12 kW PAR (with lens)

As small and lightweight as a 6 kW PAR

Can also be used with 6,000 W (120 V nominal) lamps and ballasts

Tilt locks on both sides hold any heavy accessories

Easy maintenance

Weather resistant IP23

Suitable for high frame rate images

* Refer to lamp operation manual

Technical Data

Category	Daylight
Series	M-Series
Model	M-Series M90
Mains Plug	VEAM
Lamphead Type	Open Face with Facetted Reflector, 6,000 / 9,000 W
Reflector	MAX Technology reflector made of high purity aluminium

Lamp Type	Metal Halide 9,000 W/SE; Metal Halide 6,000 W/SE (Nominal voltage 120V)
Power Consumption	9,000 W / 6,000 W
Voltage Range	160 V / 123 V
Lamp Base	GX38
Dimming	yes, 50 to 100 % via ARRI Ballast Unit
Correlated Color Temperature	6,000 K
Beam Angle	16° to 49° (with 9,000 W lamp)
Weight in kg net*	approx. 40 kg
Weight in kg packed*	approx. 47 kg
Weight in lbs. net*	approx. 87.09 lbs
Weight in lbs. Packed*	approx. 101.64 lbs
Measurements (HxWxL) incl. Pin in mm*	947 x 713 x 720 mm
Measurements (HxWxL) excl. Pin in mm*	814 x 713 x 720 mm

Measurements (HxWxL) incl. Pin in inch*	37.3 x 28.1 x 28.3"
Measurements (HxWxL) excl. Pin in inch*	32.1 x 28.1 x 28.3"
Measurements (HxWxL) Packed size in mm*	930 x 790 x 910 mm
Measurements (HxWxL) Packed size in inch*	36.6 x 31.1 x 35.8"
Lens / UV-Protection Glass Diameter in mm	500 mm
Lens / UV-Protection Glass Diameter in inch	19.7"
Accessory Diameter in mm	571 mm
Accessory Diameter in inch	22.5" (Scrim)
Barndoor in mm	584 mm
Barndoor in inch	23.0"
Mounting	Spigot 28 mm / 1 1/8" (1.1")
Housing Color	Blue/Silver



Protection Class / IP Rating

I / IP23

Certifications

CE, CB, GS, cNRTLus