



Main Features

- Lens-less MAX Technology
- 15° to 50° continuous beam angle: standard reflector
- 8° to 15° beam angle: spot reflector
- Easy re-lamping
- ARRI Dual Pin Width support (GX51/GX38)
- Protection rating IP23
- Suitable for high frame rate images

M-Series ARRIMAX 18/12 with MAX Technology

5 YEAR warranty for new daylight systems (head + ballast)

"The most powerful HMI light on the planet"

Lens-less system with MAX Technology - The Academy Awardwinning ARRIMAX remains the ultimate choice for productions requiring maximum light output. The 580 mm (22.8") diameter, parabolic facetted reflector provides continuous focus adjustment from 15° to 50° beam angle and, since the ARRIMAX does not require a set of spread lenses, shadows are sharp and easily cut. Safe and easy for both lamp type bases - 18 kW and 12 kW. 18,000 W single ended lamps use a sturdier GX51 lamp base for which ARRI engineers have designed a special lampholder that alleviates mechanical stress from the lamp pins, now serving only as an electrical connection. The lamp clamping mechanism is self-aligning and uses a rugged, recessed lamp lock handle. To ensure that crews can easily use 12,000 W lamps or versions of 18,000 W single ended lamps with G38 bases, the new lampholder accepts either lamp type with no modification or adjustment.

The ARRIMAX 18/12 has a unique proven track record in numerous major feature film productions worldwide. Operated with the EB MAX 18/12 even worriless shootings for SFX, VFX, commercials, sports industrial applications, automotive component testing, ballistics or material testing are feasable.

The AutoScan technology supplies the lamp with a greatly raised 1,000 Hz square wave current and makes it easy to achieve high quality flicker free images even at frame rates of 1,000 fps and in many cases beyond even with a single source. Going along with the enormous light output the ARRIMAX 18/12 is part of an optimized lighting system in conjunction with the latest generation of electronic ballast and the specifically designed

For Daylight Systems ARRI offers an extended warranty of 5 years.

accessories, providing both versatility and maximum quality unreached.

Available Accessories



4-leaf barndoor Spot Reflector

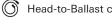
Set of 4 scrims



Snoot



Head-to-Ballast cable



Models

Version	Connector
ARRIMAX	International (VEAM)
18/12	0.5 m cable outlet

Mounting Manual

Color Blue/Silver





Technical Specifications

IVI-Series ARKIIVIAX	
Ident-No.	L1.37950.B
EB MAX Set*	L0.0019667
Basic Set*	L0.0019665

Basic Set "Spot"* L0.0019664 incl. spot reflector

*Set including lamphead, ballast, cable, barndoor

Main Features Type of Lamphead Open Face

MAX Technology Facetted Reflector Reflector

Wattage 12,000 / 18,000 W GX51 / GX38 Lamp Base Metal Halide 12,000 W Lamp Type Metal Halide 18,000 W

UV Protection Glass Diameter 630 mm / 19.7"

Technical Data of the Luminaire

Max. Operating Temperature ta= 45° C / 113° F Max. Surface Temperature tc= max. 240° C / 464° F Tolerable Inclination max. 90° upwards / max. 75° downwards

Safe Distances 15 m / 49 ft. to illuminated surface 2 m / 6.6 ft. around the luminaire

Protective Class I - Protective Earth

Protective Rate IP23

Specifications

Dimensions (incl. flange) (H x W x L) 1,051 x 784 x 942 mm / 41.4 x 30.9 x 37.1"

1,135 x 1,050 x 1,170 mm / 44.7 x 41.3 x 46.1" Packed Size (H x W x L)

Weight approx. 70 kg (152.56 lbs)

Packed Weight approx. 86 kg (188.94 lbs) incl. pallet

Accessories Diameter 740 mm / 29.1"

Spigot 28 mm / 1 1/8" (1.1") Mounting CE, CB, GS, cNRTLus Certification

ARRI corresponding Electronic Ballasts

EB MAX IDs:

L2.0019426 EB MAX 12/18 (USA) bare ends EB MAX 12/18 bare ends L2.0016748

Features:













EB Basic IDs:

L2.76290.0 EB 12/18 bare ends

Features:



Photometric	Data	with	18,000	W	Lamp	

Distance: 15 m (49 ft.)	[Output / Diameter]
Spot 15°	55,300 lux (5,138 fc) / Ø 3.9 m (12.8")
Flood 50°	5,700 lux (530 fc) / Ø 12.7 m (41.7")
Distance: 20 m (66 ft.)	[Output / Diameter]
Spot 15°	31,100 lux (2,889 fc) / Ø 5.3 m (17.4")
Flood 50°	3,210 lux (298 fc) / Ø 17.0 m (55.8")
Distance: 30 m (99 ft.)	[Output / Diameter]
Spot 15°	13,800 lux (1,282 fc) / Ø 7.9 m (25.9")
Flood 50°	1,420 lux (132 fc) / Ø 25.4 m (83.3")

All specifications are nominal / typical values.



For light output at any distance use our ARRI Photometrics App.

