

ARRIMAX 18/12 with MAX Technology

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

“The most powerful HMI light on the planet”

Lens-less system with MAX Technology - The Academy Award-winning ARRIMAX remains the ultimate choice for productions requiring maximum light output. The 580 mm (22.8") diameter, parabolic faceted 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 worrisome shootings for SFX, VFX, commercials, sports, industrial applications, automotive component testing, ballistics or material testing are feasible.

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 accessories, providing both versatility and maximum quality unreach.

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



5 YEAR

warranty for new daylight systems (head + ballast)

Technical Specifications

Order-No.	Description
L1.37950.B	ARRIMAX 18/12 daylight lamphead with MAX Technology, 12 kW/18 kW, manual, blue/silver, intern. connector (VEAM)

Electronic Ballasts

L2.0019426	EB MAX 12/18 (USA), 12/18 kW, ALF, DMX, 50/60/75/300/1000 Hz, AutoScan, 230 V, intern. Stecker (VEAM), bare ends
L2.0016748	EB MAX 12/18, 12/18 kW, ALF, DMX, 50/60/75/300/1000 Hz, AutoScan 230 V, intern. connector (VEAM), bare ends
L2.76290.0	EB 12/18, ALF, 50/60/75 Hz, 230 V, intern. connector (VEAM), bare ends

Accessories

L2.71100.0	4-leaf barndoor (740 mm / 29.1")
L2.37940.0	Spot reflector for ARRIMAX 18/12, 8° - 15° Half Peak Angle
L2.37941.0	Snoot (740 mm / 29.1") with variable frame
L2.71115.0	Set of 4 scrims (740 mm / 29.1")
L2.71115.A	Scrim, full single (740 mm / 29.1")
L2.71115.B	Scrim, full double (740 mm / 29.1")
L2.71115.C	Scrim, half single (740 mm / 29.1")
L2.71115.D	Scrim, half double (740 mm / 29.1")
L2.82294.0	Head-to-Ballast/Dimmer cable 12/18/24 kW, 15 m, intern. connector (VEAM)
L2.82294.A	Head-to-Ballast/Dimmer cable 12/18/24 kW, 20 m, intern. connector (VEAM)

Lamps

L2.0003880	Lamp DIS 12000 W/SE G38 UV-B (Koto)
L2.89261.0	Lamp HMI 12000 W/SE XS GX38 (Osram)
L2.0003877	Lamp DIS 18000 W/SE G51 (Koto)
L2.89262.0	Lamp HMI 18000 W/SE XS GX51 (Osram)

Specifications

Reflector	MAX Technology reflector made of high purity aluminium
Mounting	Spigot 28 mm / 1 1/8" (1.1")
Dimensions (incl. flange) (H x W x L)	1051 x 806 x 943 mm / 41.4" x 31.7" x 37.1"
Packed size (H x W x L)	1135 x 1050 x 1170 mm / 44.7" x 41.3" x 46.1"
Weight	approx. 70 kg / 154.3 lbs
Packed weight	approx. 99 kg / 218.3 lbs (incl. pallet)
Protection Class / IP Rating	I / IP23
Certification	CE, CB, GS, cNRTLus

Photometric Data with 18,000 W lamp

Throw (m/ft)	15 / 49.2	20 / 65.6	30 / 98.4
Spot: 15°			
Output (lux) / (fc)	55,300 / 5,138	31,100 / 2889	13,800 / 1282
Diameter (m) / (ft)	3.9 / 12.8	5.3 / 17.4	7.9 / 25.9
Flood: 50°			
Output (lux) / (fc)	5,700 / 530	3,210 / 298	1,420 / 132
Diameter (m) / (ft)	12.7 / 41.7	17 / 55.8	25.4 / 83.3

All specifications are nominal / typical values.

