M18 1800W Daylight with MAX-Reflector-Technology

Main Features

- Lensless ARRIMAX Technology
- New 1800W lamp
- Virtually the same size as a 1200W lamphead but more than 70 percent brighter
- Runs from most domestic sockets world-wide
- Uses existing 575/1200 cables
- Can also be used with 1200W lamps and ballasts
- Cross cooling* allows safe operation at any tilt angle
- True Blue tilt lock holds even heavy Chimeras
- Easy maintenance
- Weather resistant to IP23

The M18 is an 1800W ARRIMAX style lamphead, combining the Academy Scientific and Engineering Award-winning lens-less optical technology of the ARRIMAX with the innovative True Blue design. The result is an exciting new class of HMI, as small as a 1200W PAR but with a 70 percent higher light output. The "BABYMAX" gives a remarkably even beam spread that casts crisp shadows and is adjustable from 20-60 degrees without requiring spreader lenses.

The use of an 1800W lamp is made possible by the patented True Blue Cross cooling* system, which maintains airflow at any tilt angle. This keeps all parts of the fixture within safe working limits.

The M18 uses the same accessories and cables as the ARRISUN 12; it can even be used with a 1200W lamp and powered by either the purpose-designed EB1200/1800 or any ARRI 1200W ballast.

The M18, like all True Blue lampheads, uses barndoors made from a high strength alloy that is less susceptible to bending. Other True Blue innovations include the stainless steel friction disc, which locks the lamphead securely even when using the largest Chimera. Maintenance and repairs are easier with fast, simple access to all internal components. For outdoor use the M18's IP23-rated weather resistance withstands even driven rain.

In line with the M18's sister product, the AS18, it is also possible to convert to lens operation by fitting an ARRISUN style reflector and ARRISUN 12 lenses, giving a 6-65 degree beam spread.

When used with the ARRI 1200/1800 Electronic Ballast, the CCL (Compensation of Cable Losses) system maintains full power to the lamp even when using 'head-to-ballast' cables up to 100m (300') long, which would otherwise mean a 20% loss of output.

In offices and domestic situations, the M18 requires no generator. Drawing less than 13A from a 230V supply, it can run on most domestic sockets in 230V countries. It is the perfect HMI to keep "in the back of the car".

*Patent pending

Arnold & Richter Cine Technik GmbH & Co. Betriebs KG • Türkenstrasse 89 • D-80799 Munich • phone +49(0)89 3809 0 • fax +49 (0)89 3809 1245 • www.arri.com

AS18 1800W Daylight with PAR-Reflector-Technology

Main Features

- Uses existing ARRISUN 1200 lenses
- New 1800W lamp
- Virtually the same size as a 1200W lamphead but more than 70 percent brighter
- Runs from most domestic sockets world-wide
- Uses existing 575/1200 cables
- Can also be used with 1200W lamps and ballasts
- Cross cooling* allows safe operation at any tilt angle
- True Blue tilt lock holds even heavy Chimeras
- Easy maintenance
- Weather resistant to IP23

The AS18 is an 1800W PAR style lamphead, combining industry-standard ARRISUN features with the innovative True Blue design. The result is an exciting new class of HMI, as small as a 1200W PAR but with a 70 percent higher light output.

The use of an 1800W lamp is made possible by the patented True Blue Cross cooling* system, which maintains airflow at any tilt angle. This keeps all parts of the fixture within safe working limits.

The AS18 uses the same lenses, cables and accessories as the ARRISUN 12, and has similar beam spreads. For compatibility, the lamphead can even be used with a 1200W lamp and powered by either the purpose-designed EB1200/1800 or any ARRI 1200W ballast.

The AS18, like all True Blue lampheads, uses barndoors made from a high strength alloy that is less susceptible to bending. Other True Blue innovations include the stainless steel friction disc, which locks the lamphead securely even when using the largest Chimera. Maintenance and repairs are easier with fast, simple access to all internal components. For outdoor use the AS18's IP23-rated weather resistance withstands even driven rain.

In line with the AS18's sister product, the M18, it is also possible to convert to lens-less operation by fitting an ARRIMAX style reflector, giving a 20-60 degree beam spread.

When used with the ARRI 1200/1800 Electronic Ballast, the CCL (Compensation of Cable Losses) system maintains full power to the lamp even when using 'head-to-ballast' cables up to 100m (300') long, which would otherwise mean a 20% loss of output.

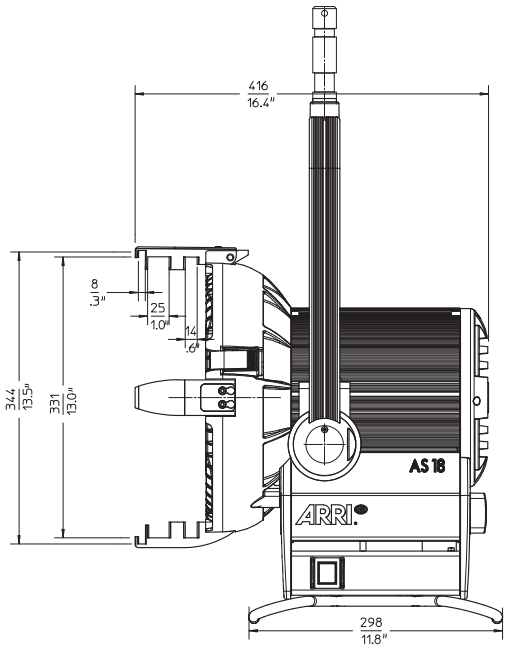
In offices and domestic situations, the AS18 requires no generator. Drawing less than 13A from a 230V supply, it can run on most domestic sockets in 230V countries. It is the perfect HMI to keep "in the back of the car".

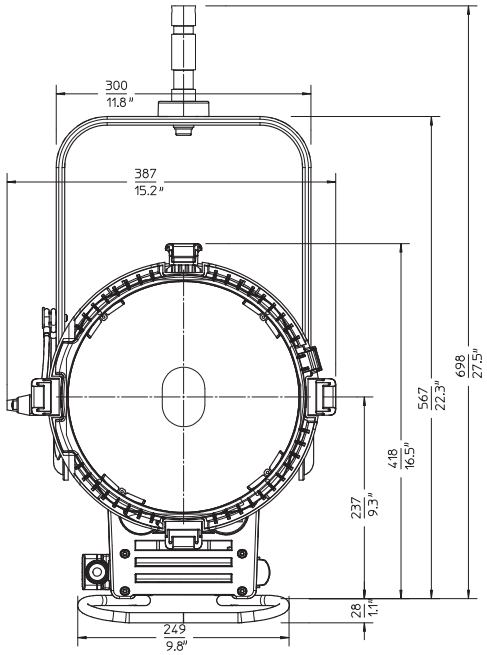
*Patent pending

Arnold & Richter Cine Technik GmbH & Co. Betriebs KG • Türkenstrasse 89 • D-80799 Munich • phone +49(0)89 3809 0 • fax +49 (0)89 3809 1245 • www.arri.com

AS18

1800W Daylight with PAR-Reflector-Technology





Part No.	Description
L1.37570.B	AS18 1800W/1200W Daylight PAR Lamphead, manual, blue/silver, int. (VEAM)
L1.37570.F	AS18 1800W/1200W Daylight PAR Lamphead, manual, blue/silver, Schaltbau (GTV-Standard)

Electronic Ballasts

L2.76625.0	EB 1200/1800, ALF, 115/230 V, int. (VEAM)
L2.76626.0	EB 1200/1800, ALF, 115/230 V, int. (VEAM), DMX
L2.76627.0	EB 1200/1800, ALF, 115/230 V, Schaltbau
L2.76628.0	EB 1200/1800, ALF, 115/230 V, Schaltbau, DMX

Accessories

L0.76818.0	4 Lens Set (Spot, Narrow Flood, Flood, Super Flood), 250mm, DROP IN incl. case
L0.76817.0	5 Lens Set (Spot, Narrow Flood, Flood, Super Flood and Super Flood frosted), 250mm, DROP IN incl. case
L2.40950.0	Four Leaf Barndoor
L2.40960.0	Eight Leaf Barndoor
L2.80970.0	Filter Frame
L2.80980.0	Set of 4 Scrims (without bag)
L2.88915.1	Scrim bag
L2.75600.0	Head to ballast cable, 575/1200/1800W, 7m, int. (VEAM), Titanex
L2.75600.C	Head to ballast cable, 575/1200/1800W, 15m, int. (VEAM, Titanex

Lamp Type

Metal Halide	HMI1800/SE G38

Specifications

Weight	10.5kg
Reflector	Parabolic reflector made of high purity aluminium
Mounting	28mm (1 1/8")
Protection Class	IP23
Certification	NRTL-US-C, CE, TÜV GS, CB
Packed size	550 x 510 x 690mm
Packed weight	13.7Kg

Photometric Data with 1800W Lamp

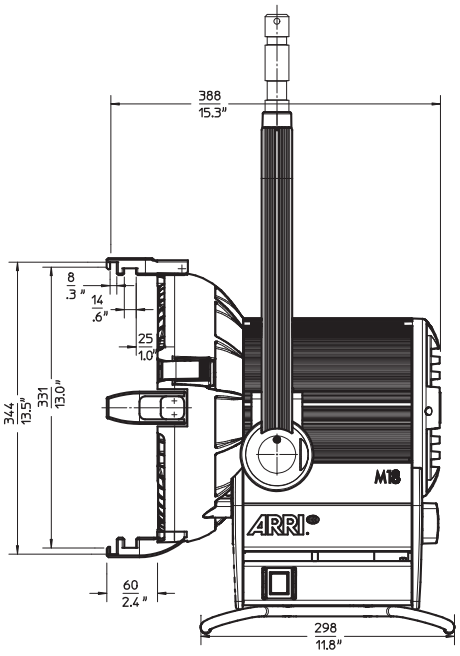
Lens Type	Beam Angle	Throw for 2000 lux (m)	Throw for 1000 lux (m)	Throw for 500 lux (m)
Without Lens	5.5	57.7	81.7	115.5
Diameter (m)		5.5	7.8	11.1
Spot	8	40.4	57.1	80.7
Diameter (m)		5.6	8.0	11.3
Narrow Flood	12 x 20	23.7	33.6	47.5
Diameter (m)		5.0 x 8.4	7.1 x 11.8	10.0 x 16.7
Flood	19 x 40	13.9	19.7	27.8
Diameter (m)		4.7 x 10.1	6.6 x 14.3	9.3 x 20.3
Superflood	55	8.0	11.3	16.0
Diameter (m)		8.3	11.8	16.7
Frosted Superflood	62	6.1	8.7	12.3
Diameter (m)		7.4	10.4	14.7
Frosted Fresnel	48	6.3	8.9	12.5
Diameter (m)		5.6	7.9	11.2

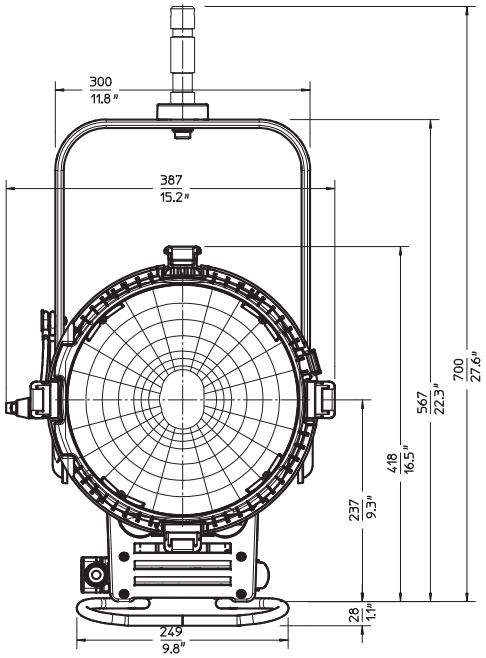
1000 lux gives correct exposure for 200ASA film with aperture T4 at 24fps

For light output at any distance visit arri.com and click on photometric calculator

M18

1800W Daylight with MAX-Reflector-Technology





Part No. / Description

Part No.	Description
L1.37600.B	M18 1800W/1200W Daylight MAX Lamphead, manual, blue/silver, int. (VEAM)
L1.37600.F	M18 1800W/1200W Daylight MAX Lamphead, manual, blue/silver, Schaltbau (GTV-Standard)

Electronic Ballasts

L2.76625.0	EB 1200/1800, ALF, 115/230 V, int. (VEAM)
L2.76626.0	EB 1200/1800, ALF, 115/230 V, int. (VEAM), DMX
L2.76627.0	EB 1200/1800, ALF, 115/230 V, Schaltbau
L2.76628.0	EB 1200/1800, ALF, 115/230 V, Schaltbau, DMX

Accessories

L2.40950.0	Four Leaf Barndoor
L2.40960.0	Eight Leaf Barndoor
L2.80970.0	Filter Frame
L2.37670.0	Spillring
L2.80980.0	Set of 4 Scrims (without bag)
L2.88915.1	Scrim bag
L2.75600.0	Head to ballast cable, 575/1200/1800W, 7m, int. (VEAM), Titanex
L2.75600.C	Head to ballast cable, 575/1200/1800W, 15m, int. (VEAM, Titanex

Lamp Type

Metal Halide	HMI1800/SE G38

Specifications

Weight	10.5kg
Reflector	'ARRIMAX' reflector made of high purity aluminium
Mounting	28mm (1 1/8")
Protection Class	IP23
Certification	NRTL-US-C, CE, TÜV GS, CB
Packed size	550 x 510 x 690mm
Packed weight	13.7kg

Photometric Data with 1800W Lamp

Throw (m):	7	10	13
Spot: 20°	681250cd		
Output (lux)	13903	6813	4031
Diameter (m)	2.5	3.5	4.6
Medium: 40°	233500cd		
Output (lux)	4765	2335	1382
Diameter (m)	5.1	7.3	9.5
Flood: 60°	97000cd		
Output (lux)	1980	970	574
Diameter (m)	8.1	11.5	15.0

1000 lux gives correct exposure for 200ASA film with aperture T4 at 24fps

For light output at any distance visit arri.com and click on photometric calculator