M18 with MAX-Technology®

Main Features

- 5 Years extended warranty*
- Same size as a 1,200 W PAR-lamphead, but 70 % more output
- Can be used on most domestic sockets around the world
- Cross-Cooling allows safe operation even at 90° tilt
- Suitable for high frame rate images
- Easy maintenance
- Weather resistant

The M18 is an 1,800 W open face 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 extremely powerful lamphead, as small as a 1,200W PAR but with a 70 % higher light output. The M-Series® M18 fixture is adjustable from 20° to 60° without requiring spreader lenses.

The use of an 1,800 W 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.

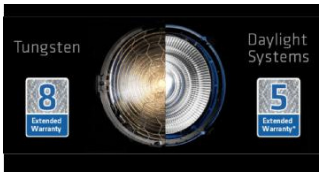
The M18 uses the same accessories and cables as the ARRISUN® 12; it can even be used with a 1,200 W lamp and powered by either any ARRI ballast supporting 1,200 W power class.

The M18 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. M18's IP23-rated weather resistance withstands even driven rain. It is also possible to convert the M18 to lens operation by fitting an ARRISUN® style conversion kit plus ARRISUN® 12 lenses, giving a 6° to 65° beam spread.

Using the M-Series® M18 with latest ARRI electronic gears ensures maxmium output and no decreased color rendition even at high frame rates. The included CCL (Compensation of Cable Losses) system maintains full power to the lamp even when using 'Head-to-Ballast' cables up to 100 m (330 ft) long.

The 1,800 W power of the M18 is designed to work in offices and domestic situations without the need of a generator. Drawing less than 13 A (230 V~) resp. 20 A (120 V~) it can run on most domestic sockets around the world. It is the perfect daylight fixture to keep "in the back of the car".

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



*if purchased with ARRI electronic ballast

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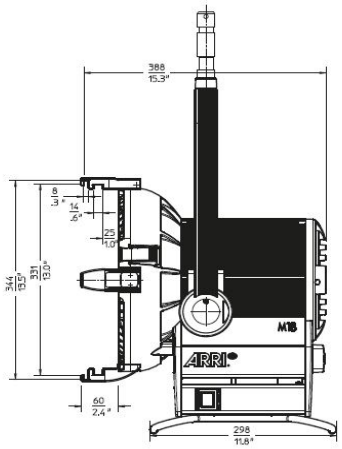
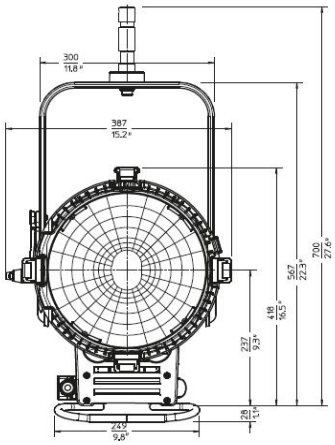
ARNOLD & RICHTER CINE TECHNIK · TÜRKENSTRASSE 89 · D-80799 MUNICH · Phone +49 (0)89 3809 0 · Fax +49 (0)89 3809 1244 · www.arri.com





Technical Specifications

Order No.	Description
L1.37600.B	M18 daylight lamphead with MAX Technology® reflector, 1800 W, manual, blue/silver, intern. connector (VEAM)
Electronic Ballasts	
L2.14189	EB® MAX 1.8, 575/800/1200/1800 W, ALF, CCL, DMX, 50/60/75/300/1000 Hz, AutoScan, intern. connector (VEAM), bare ends
L2.14190	EB® MAX 1.8, 575/800/1200/1800 W, ALF, CCL, DMX, 50/60/75/300/1000 Hz, AutoScan, intern. connector (VEAM), Schuko
L2.76625.0	EB® 1200/1800, ALF, CCL, 50/60/75 Hz, intern. connector (VEAM), Schuko
Accessories	
L2.40950.0	4-leaf barndoor, True Blue® (344 mm / 13.5")
L2.40960.0	8-leaf barndoor, True Blue® (344 mm / 13.5")
L2.80970.0	Filter frame (330 mm / 13,0")
L2.37670.0	Spill Ring (330 mm / 13,0")
L2.80980.0	Set of 4 Scrims (330 mm / 13.0")
L2.80980.A	Scrim, full single (330 mm / 13.0")
L2.80980.B	Scrim, full double (330 mm / 13.0")
L2.80980.C	Scrim, half single (330 mm / 13.0")
L2.80980.D	Scrim, half double (330 mm / 13.0")
L2.75600.0	Head-to-Ballast cable, 575/800/1200/1800 W, 7 m, intern. connector (VEAM)
L2.75600.C	Head-to-Ballast cable, 575/800/1200/1800 W, 15 m, intern. connector (VEAM
Lamps	
L2.0003885	Lamp DIS 1200 W/SE G38 UV-B (Koto)
L2.89254L0	Lamp HMI 1200 W/SE G38 Longlife UV (Osram)
L2.0003884	Lamp DIS 1800 W/SE G38 (Koto)
L2.37590.0	Lamp HMI 1800 W/SE G38 UV (Osram)
Specifications	
Reflector	MAX Technology® reflector made of high purity aluminium
Mounting	Spigot 28 mm / 1/8" (1.1")
Dimensions	387 x 388 x 567 mm / 15.2 x 15.3 x 22.3 inches (W x L x H)
Packed size	510 x 555 x 530 mm / 20.1 x 21.9 x 20.9 inches (W x L x H)
Weight	approx. 11 kg / 24 lbs
Packed weight	approx. 16 kg / 35 lbs
Protection Class	IP23
Certification	CE, CB, GS, cNRTLus

Photometric Data with 800 W lamp*

Throw (m) / (ft)	7 / approx. 23	10 / approx. 33	15 / approx. 49
Spot: 15°			
Output (lux)	22,950	11,250	5,000
Diameter (m)	1.8	2.6	3.9
Medium: 40°			
Output (lux)	4,325	2,120	940
Diameter (m)	4	6.8	10.3
Flood: 58°			
Output (lux)	2,245	1,100	490
Diameter (m)	6.8	9.7	14.5

All specifications are nominal / typical value

* 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

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