



M-Series M18 with MAX Technology

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

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 a tilt angle of 90°
- Suitable for high frame rate images
- Easy maintenance
- Weather resistant

The M18 is an 1,800 W open-face lamphead, combining the innovative True Blue desing with the Academy Scientific and Engineering Award-winning lens-less optical technology of the ARRIMAX. The result is an extremely powerful lamphead, as small as a 1,200 W PAR lamphead but with a 70 % higher light output. The M-Series M18 fixture is adjustable from 15° to 58° without requiring spread 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 an 1,200 W lamp an powered by either any ARRI ballast supporting 1,200 W power class. Using the M-Series M18 with ARRI electronic ballasts ensures maximum 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) length.

The M18 innovations include the stainless steel friction disc, which locks the lamphead securely even when using the largest Chimera.

An alternative to the separate frame with screens is the frosted glass, which ensures an almost perfect homogeneity of the light field.

It is also possible to convert the M18 to lens operation by fitting an ARRISUN style conversion kit and adding ARRISUN 12 or AS 18 lenses, giving a 6° to 65° beam spread.

Maintenance and repairs are easier with fast, simple access to all internal components. The M18 is IP23-rated weather resistance and withstands even driven rain.

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 of 5 years.

Available Accessories

- 4-leaf barndoor
- 8-leaf barndoor
- Frosted glass
- Filter frame
- Spill ring
- Snoot
- Set of 4 scrims
- Head-to-Ballast cable

Models

Version	Connector	Mounting	Color
M18	International (VEAM) 0.5 m cable outlet	Manual	Blue/Silver

Technical Specifications

M-Series M18

Ident-No.	L1.37600.B
EB MAX Set*	L0.37600AS
Basic Set*	L0.37600.B
	*Set including lamphead, ballast, cable, barndoor

Main Features

Type of Lamphead	Open Face
Reflector	MAX Technology Facetted Reflector
Wattage	1,200 / 1,800 W
Lamp Base	G38
Lamp Type	Metal Halide 1,800 W/SE Metal Halide 1,200 W/SE
UV Protection Glass Diameter	250 mm / 9.9"

Technical Data of the Luminaire

Max. Operating Temperature	ta= 45° C / 113° F
Max. Surface Temperature	tc= max. 160° C / 320° F
Tolerable Inclination	max. 90° upwards max. 90° downwards
Safe Distances	7 m / 22.9 ft. to illuminated surface 1 m / 3.3 ft. around the luminaire
Protective Class	I - Protective Earth
Protective Rate	IP23

Specifications

Dimensions (incl. flange) (H x W x L)	543 x 388 x 393 mm / 21.4 x 15.3 x 15.5"
Packed Size (H x W x L)	530 x 510 x 555 mm / 20.9 x 20.1 x 21.9"
Weight	approx. 11.5 kg (25.36 lbs)
Packed Weight	approx. 14.9 kg (32.85 lbs)
Accessories Diameter	330 mm (13.0") / 344 mm (13.5")
Mounting	Spigot 28 mm / 1 1/8" (1.1")
Certification	CE, CB, ENEC, cNRTLus

ARRI corresponding Electronic Ballasts

MAX Range IDs:	EB MAX 1.8 USA bare ends EB MAX 1.8 bare ends
L2.0014189	
L2.0014190	

Features:

Basic Range IDs:

L2.76625.0	EB 1200/1800 Schuko
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Features:

Photometrical Data with 1,800 W Lamp*

Distance: 7 m (23 ft.)	[Output / Diameter]
Spot 15°	22,950 lux (2,132 fc) / Ø 1.8 m (5.9 ft.)
Medium 40°	4,325 lux (402 fc) / Ø 4.0 m (13.1 ft.)
Flood 58°	2,245 lux (209 fc) / Ø 6.8 m (22.3 ft.)
Distance: 10 m (33 ft.)	[Output / Diameter]
Spot 15°	11,250 lux (1,045 fc) / Ø 2.6 m (8.5 ft.)
Medium 40°	2,120 lux (197 fc) / Ø 6.8 m (22.3 ft.)
Flood 58°	1,100 lux (102 fc) / Ø 9.7 m (31.8 ft.)
Distance: 15 m (49 ft.)	[Output / Diameter]
Spot 15°	5,000 lux (465 fc) / Ø 3.9 m (12.8 ft.)
Medium 40°	940 lux (87 fc) / Ø 10.3 m (33.8 ft.)
Flood 58°	490 lux (46 fc) / Ø 14.5 m (47.6 ft.)

All specifications are nominal / typical values.

* 1000 lux gives correct exposure for 200ASA film with aperture T4 at 24fps.
For light output at any distance use our Photometric App.

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

