

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 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 design 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 and 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 period of five years.



5 YEAR

warranty for new daylight systems (head + ballast)

Technical Specifications

Order No.	Description
L1.37600.B	M18 daylight lamphead with MAX Technology reflector, 1200W/1800 W, manual, blue/silver, intern. connector (VEAM)

Electronic Ballasts

L2.0014189	EB MAX 1.8 (USA), 575/800/1200/1800 W, ALF, CCL, DMX, 50/60/75/300/1000 Hz, AutoScan, intern. connector (VEAM), bare ends
L2.0014190	EB MAX 1.8, 575/800/1200/1800 W, ALF, CCL, DMX, 50/60/75/300/1000 Hz, AutoScan, intern. connector (VEAM), bare ends
L2.76625.0	EB 1200/1800, ALF, 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")
L2.0001006	Frosted glass (330 mm / 13.0")
L2.80970.0	Filter frame (330 mm / 13.0")
L2.37670.0	Spill Ring (330 mm / 13.0")
L2.80975.0	Snoot (344 mm / 13.0") with variable aperture
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 UVS (Osram)
L2.0003884	Lamp DIS 1800 W/SE G38 (Koto)
L2.37590.0	Lamp HMI 1800 W/SE XS G38 UVS (Osram)

Specifications

Reflector	MAX Technology reflector made of high purity aluminium
Mounting	Spigot 28 mm / 1.1"
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. 12 kg / 27.3 lbs
Packed weight	approx. 16 kg / 34.8 lbs
Protection Class / IP Rating	I / IP23
Certification	CE, CB, ENEC, cNRTLus

Photometric Data with 1,800 W lamp*

Throw (m) / (ft)	7 / 23	10 / 32.8	15 / 49.2
Spot: 15°			
Output (lux) / (fc)	22,950 / 2,132	11,250 / 1,045	5,000 / 465
Diameter (m) / (ft)	1.8 / 5.9	2.6 / 8.5	3.9 / 12.8
Medium: 40°			
Output (lux) / (fc)	4,325 / 402	2,120 / 197	940 / 87
Diameter (m) / (ft)	4 / 13.1	6.8 / 22.3	10.3 / 33.8
Flood: 58°			
Output (lux) / (fc)	2,245 / 209	1,100 / 102	490 / 46
Diameter (m) / (ft)	6.8 / 22.3	9.7 / 31.8	14.5 / 47.6

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

