M18 with MAX-Technology®

Main Features

- Lensless MAX Technology: Easy to use
- Extremely bright
- Highly mobile for a wide range of uses
- Focusable between 14° and 58°
- Cross cooling allows safe operation even at 90° tilt
- Uses existing 230 mm & 245 mm accessories and Chimera of True Blue D12
- Uses existing 575 / 800 / 1,200 / 1,800 W cables with international connector
- Suitable for high frame rate images
- Weather resistant
- Tilt locks to hold heavy accessories stable

The M18 is an 1800 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 1200W PAR but with a 70 percent higher light output. The M-Series M18 fixture is adjustable from 20 to 60 degrees without requiring spreader lenses.

The use of an 1800 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 1200 W lamp and powered by either the purpose-designed EB1200/1800 or any ARRI 1200 W 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 to 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 100 m (300') long, which would otherwise mean a lower output and decreased color rendition.

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 daylight fixture to keep "in the back of the car".

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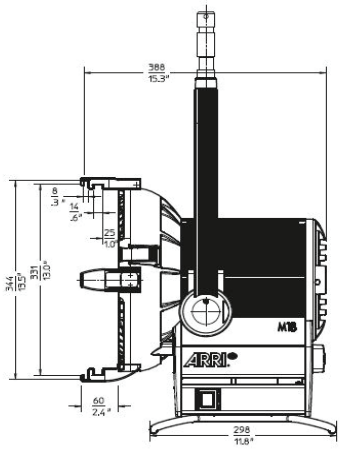
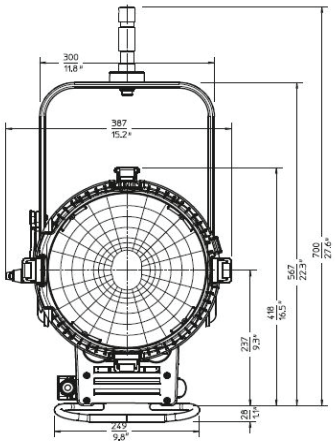
Technical Specifications





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

Electronic Ballasts

L2.76625KH	EB®1200/1800 HS with ALF, CCL, 1000 Hz
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

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
L2.37670.0	Spillring
L2.0001006	Frosted glass (330 mm / 13")
L2.80980.0	Set of 4 Scrims (without bag)
L2.88915.1	Scrim bag
L2.75600.0	Head to ballast cable, 575/800/1200/1800 W, 7 m, int. (VEAM), Titanex
L2.75600.C	Head to ballast cable, 575/800/1200/1800 W, 15 m, int. (VEAM), Titanex

Lamps

L2.0003884	Lamp DIS 1800 W/SE G38 (Koto)
L2.37590.0	Lamp HMI 1800 W/SE G38 UV (Osram)

Specifications

Reflector	MAX reflector made of high purity aluminium
Mounting	spigot 28 mm / 1/8" (1.1")
Dimensions	344 x 311 x 458 mm (W x L x H)
Packed size	500 x 510 x 690 mm (W x L x H)
Weight	approx. 11 kg / 24 lbs
Packed weight	approx. 16 kg / 35 lbs
IP Rating	IP 23
Certification	CE, CB, GS, cNRTLus

Photometric Data with 1800 W lamp

Throw (m) / (ft)	5 / approx 23	10 / approx 33	15 / approx 49
Spot: 14°			
Output (lux)	45000	11250	5000
Diameter (m)	1.2	2.4	3.7
Medium:40°			
Output (lux)	12840	3210	1425
Diameter (m)	3.4	6.8	10.3
Flood: 58°			
Output (lux)	4320	1080	480
Diameter (m)	4.9	9.7	14.5

All specifications are nominal / typical values

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