

M-SERIES LAMPHEADS

TECHNICAL DATA



M-Series Lamphead / Versions	M8	M18	M40	M90	ARRIMAX 18/12
Ident-No.	L1.37200.B	L1.37600.B	L1.37400.B	L1.37489.B	L1.37950.B
EB MAX Set*	L0.37200AS	L0.37600AS	L0.0019656	L0.0019658	L0.0019667
High Speed Set*	L0.37200HS	-	-	-	-
Basic Set*	-	L0.37600.B	L0.0019657	L0.0019659	L0.0019665 / L0.0019664 (Spot)
Main Features					
Type of Lamphead	Open Face	Open Face	Open Face	Open Face	Open Face
Reflector	MAX Technology Facetted Reflector	MAX Technology Facetted Reflector	MAX Technology Facetted Reflector	MAX Technology Facetted Reflector	MAX Technology Facetted Reflector
Wattage	800 W	1200 / 1800 W	2500 / 4000 W	6000 / 9000 W	12000 / 18000 W
Lamp Base	G22	G38	G38	GX38	GX51 / GX38
UV Protection Glass Diameter	200 mm / 7.9"	276 mm / 16.8"	350 mm / 14.0"	500 mm / 19.7"	646 mm / 25.4"
Technical Data of the Luminaire					
Max. Operating Temperature	ta= 45° C / 113° F	ta= 45° C / 113° F	ta= 45° C / 113° F	ta= 40° C / 104° F	ta= 45° C / 113° F
Max. Surface Temperature	tc= max. 150° C / 302° F	tc= max. 160° C / 320° F	tc= max. 250° C / 482° F	tc= max. 200° C / 392° F	tc= max. 240° C / 464° F
Tolerable Inclination	max. 90° upwards / max. 90° downwards	max. 90° upwards / max. 90° downwards	max. 90° upwards / max. 90° downwards	max. 90° upwards / max. 90° downwards	max. 90° upwards / max. 75° downwards
Safe Distances	3.5 m / 11.5 ft. to illuminated surface 0.5 m / 1.6 ft. around the luminaire	7 m / 22.9 ft. to illuminated surface 1 m / 3.3 ft. around the luminaire	5 m / 16.4 ft. to illuminated surface 1 m / 3.3 ft. around the luminaire	10 m / 32.8 ft. to illuminated surface 2 m / 6.6 ft. around the luminaire	15 m / 49 ft. to illuminated surface 2 m / 6.6 ft. around the luminaire
Protective Class	I - Protective Earth	I - Protective Earth	I - Protective Earth	I - Protective Earth	I - Protective Earth
Protective Rate	IP23	IP23	IP23	IP23	IP23
Specifications					
Dimensions (incl. flange) (H x W x L)	476 x 350 x 310 mm / 18.7 x 13.8 x 12.2"	543 x 388 x 393 mm / 21.4 x 15.3 x 15.5"	724 x 505 x 524 mm / 28.5 x 19.9 x 20.6"	832 x 713 x 720 mm / 32.8 x 28.1 x 28.3"	1,051 x 784 x 942 mm / 41.4 x 30.9 x 37.1"
Packed Size (H x W x L)	440 x 400 x 460 mm / 17.3 x 15.7 x 18.1"	530 x 510 x 555 mm / 20.9 x 20.1 x 21.9"	660 x 595 x 665 mm / 26.0 x 23.4 x 26.6"	930 x 790 x 910 mm / 36.6 x 31.1 x 35.8"	1,135 x 1,050 x 1,170 mm / 44.7 x 41.3 x 46.1"
Weight	approx. 8 kg (18.5 lbs)	approx. 12 kg (27.3 lbs)	approx. 20 kg (43.9 lbs)	approx. 40 kg (87.1 lbs)	approx. 70 kg (154.3 lbs)
Packed Weight	approx. 11 kg (23.6 lbs)	approx. 16 kg (34.8 lbs)	approx. 24 kg (53.0 lbs)	approx. 46 kg (101.4 lbs)	approx. 99 kg (218.3 lbs) incl. pallet
Mounting	Spigot 28 mm / 1 1/8" (1.1")	Spigot 28 mm / 1 1/8" (1.1")	Spigot 28 mm / 1 1/8" (1.1")	Spigot 28 mm / 1 1/8" (1.1")	Spigot 28 mm / 1 1/8" (1.1")
Certification	CE, CB, GS, cNRTLus	CE, CB, ENEC, cNRTLus	CE, CB, GS, cNRTLus	CE, CB, GS, cNRTLus	CE, CB, GS, cNRTLus
ARRI corresponding ballasts					
MAX Range	EB MAX 1.8	EB MAX 1.8	EB MAX 2.5/4	EB MAX 6/9	EB MAX 12/18
Basic Range	-	EB 1200/1800	EB 2.5/4	EB 6/9	EB 12/18
High Speed Range	EB 575/800 HS	-	-	-	-
Accessories					
Accessory diameter	230 mm (9.1") / 245 mm (9.7")	330 mm (13.0") / 344 mm (13.5")	400 mm (15.8") / 413 mm (16.3")	571 mm (22.5") / 584 mm (23.0")	740 mm (29.1")
Accessories	<ul style="list-style-type: none"> 4-leaf barndoor 8-leaf barndoor Spill Ring Scrim Snoot Frosted Glass Filter Frame Chimera Lightbank Speed ring circular 	<ul style="list-style-type: none"> 4-leaf barndoor 8-leaf barndoor Spill Ring Scrim Snoot Frosted Glass Filter Frame Chimera Lightbank Speed ring circular 	<ul style="list-style-type: none"> 4-leaf barndoor 8-leaf barndoor Spill Ring Scrim Snoot Filter Frame Chimera Lightbank Speed ring circular 	<ul style="list-style-type: none"> 4-leaf barndoor Spill Ring Scrim Speed ring circular 	<ul style="list-style-type: none"> 4-leaf barndoor Spot Reflector Scrim Snoot
Photometrical Data					
Distance	5 m (16 ft.) [Output / diameter]	7 m (23 ft.) [Output / diameter]	7 m (23 ft.) [Output / diameter]	10 m (33 ft.) [Output / diameter]	15 m (49 ft.) [Output / diameter]
Spot	15°: 16,200 lux / Ø 1.3 m	15°: 22,950 lux / Ø 1.8 m	18°: 40,300 lux / Ø 2.2 m	15°: 51,000 lux / Ø 2.61 m	15°: 55,300 lux / Ø 3.9 m
Medium	40°: 3,020 lux / Ø 3.6 m	40°: 4,325 lux / Ø 4.0 m	30°: 13,500 lux / Ø 3.6 m	30°: 14,450 lux / Ø 5.2 m	-
Flood	60°: 1,600 lux / Ø 5.8 m	58°: 2,245 lux / Ø 6.8 m	52°: 5,000 lux / Ø 6.1 m	49°: 7,590 lux / Ø 8.3 m	50°: 5,700 lux / Ø 12.7 m
Distance	10 m (33 ft.) [Output / diameter]	10 m (33 ft.) [Output / diameter]	10 m (33 ft.) [Output / diameter]	20 m (66 ft.) [Output / diameter]	20 m (66 ft.) [Output / diameter]
Spot	15°: 4,050 lux / Ø 2.6 m	15°: 11,250 lux / Ø 2.6 m	18°: 19,700 lux / Ø 3.1 m	15°: 12,750 lux / Ø 5.22 m	15°: 31,100 lux / Ø 5.3 m
Medium	40°: 755 lux / Ø 7.3 m	40°: 2,120 lux / Ø 6.8 m	30°: 6,500 lux / Ø 5.2 m	30°: 3,610 lux / Ø 10.35 m	-
Flood	60°: 400 lux / Ø 11.6 m	58°: 1,100 lux / Ø 9.7 m	52°: 2,450 lux / Ø 8.8 m	49°: 1,900 lux / Ø 16.6 m	50°: 3,210 lux / Ø 17.0 m
Distance	15 m (49 ft.) [Output / diameter]	15 m (49 ft.) [Output / diameter]	15 m (49 ft.) [Output / diameter]	30 m (99 ft.) [Output / diameter]	30 m (99 ft.) [Output / diameter]
Spot	15°: 1,800 lux / Ø 4.0 m	15°: 5,000 lux / Ø 3.9 m	18°: 8,750 lux / Ø 4.7 m	15°: 5,670 lux / Ø 7.9 m	15°: 13,800 lux / Ø 7.9 m
Medium	40°: 336 lux / Ø 10.9 m	40°: 940 lux / Ø 10.3 m	30°: 2,900 lux / Ø 7.8 m	30°: 1,600 lux / Ø 15.5 m	-
Flood	60°: 178 lux / Ø 17.3 m	58°: 490 lux / Ø 14.5 m	52°: 1,075 lux / Ø 13.2 m	49°: 840 lux / Ø 24.9 m	50°: 1,420 lux / Ø 25.4 m

*Set including lamphead, ballast, cable, barndoor

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

