MAX RANGE BALLASTS

TECHNICAL DATA

ARRI MAX Range Ballasts / Versions	EB MAX 1.8	EB MAX 2.5/4	EB MAX 6/9	EB MAX 12/18
Ident-No.	**L2.0014190** **L2.0014189 (USA)** L2.0017028 (Schaltbau)	**L2.0016746** **L2.0019423 (USA)** L2.0018884 (Schaltbau)	**L2.0016747** **L2.0019425 (USA)**	**L2.0016748** **L2.0019426 (USA)**
Mains Supply				
Line Power	2600 VA (max.)	5400 VA (max.)	11200 VA (max.)	19600 VA (max.)
Supply Voltage	90-130 V~ / 180-250 V~ / 50/60 Hz 1, N, PE	100-130 V~ / 180-250 V~ / 50/60 Hz 1, N, PE	180-250 V~ 50/60 Hz 1, N, PE	190-250 V~ 50/60 Hz 1, N, PE
Nominal Current	25-20 A / 13-10 A	47-42 A / 30-22 A	56-44 A	68-51 A / 103-78 A
Power Factor	cos Φ ≈ 0.98	cos Φ ≈ 0.98	cos Φ ≈ 0.98	cos Φ ≈ 0.99
Line plug	bare ends	bare ends	bare ends	bare ends
Lamp Connection				
Lamp Power	4 1 575/800 1200/1800	2 1 2500/4000	2 1 6000/9000	2 1 12/18 kW
Lamphead connector	International (VEAM) / Schaltbau	International (VEAM) / Schaltbau	International (VEAM)	International (VEAM)
Lamp Power	575 W / 800 W / 1200 W / 1800 W	2500 W / 4000 W	6000 W / 9000 W	12 kW / 18 kW
ARRI corresponding lampheads	M-Series M8 / M18 True Blue D5 / D12 ARRI Compact 575 ARRI Compact 1200 ARRISUN 5 / ARRISUN 12 ARRI AS 18 ARRI X5 / X12	M-Series M40 True Blue D25 / D40 ARRI Compact 2500 / Theater ARRI Compact 4000 / Theater ARRISUN 40/25 ARRI AS 40 ARRI X40/25	M-Series M90 ARRI Daylight 6000 ARRI Compact 6000 ARRISUN 6000 ARRI X60	M-Series ARRIMAX 12/18 ARRI Daylight 18/12 ARRI Compact 12000 ARRISUN 120
Power Adaption	constant control, automatic detection of lamphead and lamp type	constant control, automatic detection of lamphead and lamp type	constant control, automatic detection of lamphead and lamp type	constant control, automatic detection of lamp type
Current Characteristic	square wave, 75 Hz (Standard mode), 300 Hz (adjustable 270-360 Hz) and 1000 Hz (adjustable 900 - 1200 Hz) LOW NOISE 50/60 Hz HIGH SPEED 300/1000 Hz	square wave, 75 Hz (Standard mode), 300 Hz (adjustable 270-360 Hz) and 1000 Hz (adjustable 900 - 1200 Hz) LOW NOISE 50/60 Hz HIGH SPEED 300/1000 Hz	square wave, 75 Hz (Standard mode), 300 Hz (adjustable 270-360 Hz) and 1000 Hz (adjustable 900 - 1200 Hz) LOW NOISE 50/60 Hz HIGH SPEED 300/1000 Hz	square wave, 75 Hz (Standard mode), 300 Hz (adjustable 270-360 Hz) and 1000 Hz (adjustable 900 - 1200 Hz) LOW NOISE 50/60 Hz HIGH SPEED 300/1000 Hz
Dimming	50 to 100% of nominal lamp power	50 to 100% of nominal lamp power	50 to 100% of nominal lamp power	50 to 100% of nominal lamp power
Starting	cold start and hot restrike	cold start and hot restrike	cold start and hot restrike	cold start and hot restrike
Typical Light Ripple	typ. < 3%	typ. < 3%	typ. < 3%	typ. < 3%
General				
Dimensions (H x W x L)	156 x 200 x 335 mm (6.1 x 7.9 x 13.2“)	358 x 243 x 450 mm (14.1 x 9.6 x 17.7“)	358 x 263 x 450 mm (14.1 x 10.4 x 17.7“)	548 x 283 x 506 mm (21.6 x 11.1 x 19.9“)
Weight	approx. 8 kg (17.6 lbs)	approx. 21 kg (46.3 lbs)	approx. 28 kg (61.7 lbs)	approx. 50 kg (110.2 lbs) / incl. trolley 65 kg (143.3 lbs)
Protective Rate	IP21	IP20	IP20	IP20
Ambient Conditions	-20 to +50 °C (-4 to 122 °F)	-20 to +45 °C (-4 to 113 °F)	-20 to +45 °C (-4 to 113 °F)	-20 to +45 °C (-4 to 113 °F)
Housing	blue housing with red handle	blue housing with red handle	blue housing with red handle	blue housing with red handle
Indicators				
ON / OFF	✓	✓	✓	✓
Protective Earth	✓	✓	✓	✓
Lamp On	✓	✓	✓	✓
Overtemperature	✓	✓	✓	✓
Output Mode (Frequency)	✓	✓	✓	✓
Remote / DMX	✓	✓	✓	✓
Detected Lamp Power	✓	✓	✓	✓
Features				
Automatic Lamp Recognition	✓	✓	✓	✓
Automatic Lamphead Recognition	✓	✓	✓	
Dimming	✓	✓	✓	✓
AutoScan	AUTOSCAN	AUTOSCAN	AUTOSCAN	AUTOSCAN
DMX	xDMX	xDMX	xDMX	xDMX
Compensation of Cable Losses (CCL)	CCL	CCL	CCL	
Active Line Filter (ALF)	U I ALF	U I ALF	U I ALF	U I ALF

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