

BASIC BALLASTS
TECHNICAL DATA



ARRI Basic Ballasts / Version	ARRI EB 575/1200	ARRI EB 575/1200 (ETL)	ARRI EB 1200/1800	ARRI EB 2500 Baby	ARRI EB 2.5/4	ARRI EB 2.5/4	ARRI EB 6/9	ARRI EB 12/18
Ident-No.	L2.76425.0 (Schuko) L2.76427.0 (Schaltbau)	L2.0000355	L2.76625.0 (Schuko) L2.76627.0 (Schaltbau)	L2.76695.0 (Schuko)	L2.76640.0	L2.76677.0 (Schaltbau)	L2.76180.0	L2.76290.0
Mains Supply								
Line Power	1350 VA (max.)	1390 VA (max.)	2600 VA (max.)	2800 VA (max.)	4650 VA (max.)	4650 VA (max.)	11200 VA (max.)	19400 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	90-130 V ~ / 180-250 V ~ 50/60 Hz 1, N, PE	180-250 V ~ 50/60 Hz 1m N, PE	190-250 V ~ 50/60 Hz 1, N, PE	90-125 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	15.0-10.8 A / 7.5-5.4 A	5-11 A / 8-6 A	25-20 A / 13-10 A	15.5-11.0 A	24-19 A	52-37 A / 26-19 A	54-44 A	12 kW: 68-52 A / 18 kW: 102-78 A
Power Factor	cos Φ = 0.98	cos Φ = 0.98	cos Φ = 0.98	cos Φ = 0.98	cos Φ = 0.98	cos Φ = 0.98	cos Φ = 0.98	cos Φ = 0.98
Line plug	Schuko	bare ends	Schuko	Schuko	bare ends	bare ends	bare ends	bare ends
Lamp Connection								
Lamphead connector	International (VEAM) / Schaltbau	International (VEAM)	International (VEAM) / Schaltbau	International (VEAM)	International (VEAM)	Schaltbau	International (VEAM)	International (VEAM)
Lamp Power	575 W / 1200 W	575 W / 1200 W	1200 W / 1800 W	2500 W	2500 W / 4000 W	2500 W / 4000 W	6000 W (120 V nominal) / 9000 W	12000 W / 18000 W
ARRI corresponding lampheads	True Blue D5 True Blue D12 ARRI Compact 575 ARRI Compact 1200 ARRISUN 5 ARRISUN 12 ARRI X5 ARRI X12	True Blue D5 True Blue D12 ARRI Compact 575 ARRI Compact 1200 ARRISUN 5 ARRISUN 12 ARRI X5 ARRI X12	M-Series M8 True Blue D12 ARRI Compact 1200 ARRISUN 12 ARRI AS 18 ARRI X12	True Blue D25 ARRI Compact 2500 / Theater	M-Series M40 True Blue D25 True Blue D40 ARRI Compact 2500 / Theater ARRI Compact 4000 / Theater ARRISUN 40/25 ARRI AS 40 ARRI X40/25	M-Series M40 True Blue D25 True Blue 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 lamp type	constant control automatic detection of lamp type	constant control automatic detection of lamp type	constant control	constant control automatic detection of lamphead	constant control automatic detection of lamphead	constant control automatic detection of lamphead and lamp type	constant control automatic detection of lamp type
Current Characteristic	square wave, 75 Hz in „FF“ Flicker Free mode, nearly square wave, 50 or 60 Hz in „low noise“ mode	square wave, 75 Hz in „FF“ Flicker Free mode, nearly square wave, 50 or 60 Hz in „low noise“ mode	square wave, 75 Hz in „FF“ Flicker Free mode, nearly square wave, 50 or 60 Hz in „low noise“ mode	square wave, 75 Hz in „FF“ Flicker Free mode, nearly square wave, 50 or 60 Hz in „low noise“ mode	square wave, 75 Hz in „FF“ Flicker Free mode, nearly square wave, 50 or 60 Hz in „low noise“ mode	square wave, 75 Hz in „FF“ Flicker Free mode, nearly square wave, 50 or 60 Hz in „low noise“ mode	square wave, 75 Hz in „FF“ Flicker Free mode, nearly square wave, 50 or 60 Hz in „low noise“ mode	square wave, 75 Hz in „FF“ Flicker Free mode, nearly square wave, 50 or 60 Hz in „low noise“ mode
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	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	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 %	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 13.9")	156 x 200 x 335 mm (6.1 x 7.9 x 13.9")	156 x 200 x 335 mm (6.1 x 7.9 x 13.9")	156 x 200 x 335 mm (6.1 x 7.9 x 13.9")	358 x 243 x 450 mm (14.1 x 9.6 x 17.1")	358 x 243 x 450 mm (14.1 x 9.6 x 17.1")	358 x 243 x 450 mm (14.1 x 9.6 x 17.1")	548 x 283 x 506 mm (21.6 x 11.1 x 19.9")
Weight	approx. 8 kg (17.64 lbs)	approx 9 kg (19.85 lbs)	approx. 8 kg (17.64 lbs)	approx. 8 kg (17.64 lbs)	approx. 20 kg (44.10 lbs)	approx. 20 kg (44.10 lbs)	approx. 28 kg (61.73 lbs)	approx. 49 kg (108.03 lbs) approx. 64 kg (141.10 lbs)
Protective Rate	IP22	IP22	IP22	IP22	IP22	IP22	IP22	IP22
Ambient Conditions	-20 to +50°C (-4 to 122°F)	-20 to +50°C (-4 to 122°F)	-20 to +50°C (-4 to 122°F)	-20 to +50°C (-4 to 122°F)	-20 to +50°C (-4 to 122°F)	-20 to +50°C (-4 to 122°F)	-20 to +50°C (-4 to 122°F)	-20 to +50°C (-4 to 122°F)
Housing	blue standard housing	blue standard housing	blue standard housing	blue standard housing	blue standard housing	blue standard housing	blue standard housing	blue standard housing
Indicators								
ON / OFF	✓	✓	✓	✓	✓	✓	✓	✓
Protective Earth	✓	✓	✓	✓	✓	✓	✓	✓
Lamp On	✓	✓	✓	✓	✓	✓	✓	✓
Overtemperature	✓	✓	✓	✓	✓	✓	✓	✓
Output Mode (Frequency)	✓	✓	✓	✓	✓	✓	✓	✓
Remote / DMX								
Detected Lamp Power			✓				✓	
Features								
Automatic Lamp Recognition	✓	✓	✓		✓	✓	✓	✓
Automatic Lamphead Reognition	✓	✓	✓		✓	✓	✓	
Dimming	✓	✓	✓	✓	✓	✓	✓	✓

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 $\approx$ 0.98	cos Φ $\approx$ 0.98	cos Φ $\approx$ 0.98	cos Φ $\approx$ 0.99
Line plug	bare ends	bare ends	bare ends	bare ends
Lamp Connection				
Lamp Power				
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)	square wave, 75 Hz (Standard mode), 300 Hz (adjustable 270-360 Hz) and 1000 Hz (adjustable 900 - 1200 Hz)	square wave, 75 Hz (Standard mode), 300 Hz (adjustable 270-360 Hz) and 1000 Hz (adjustable 900 - 1200 Hz)	square wave, 75 Hz (Standard mode), 300 Hz (adjustable 270-360 Hz) and 1000 Hz (adjustable 900 - 1200 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				
DMX				
Compensation of Cable Losses (CCL)				
Active Line Filter (ALF)				

HIGH SPEED BALLAST

TECHNICAL DATA



ARRI High Speed Ballast / Version

ARRI High Speed EB 575/800

Ident-No. L2.76184KH (Schuko)
L2.0001687 (bare ends)

Mains Supply

Line Power 1160 VA (max.)
Supply Voltage 90-130 V ~ / 180-250 V ~
50/60 Hz 1, N, PE
Nominal Current 11.1-8.9 A / 5.8-4.4 A
Power Factor $\cos \Phi = 0.98$
Line plug Schuko / bare ends

Lamp Connection

Lamphead connector International (VEAM)
Lamp Power 575 W / 800 W
Power Adaption constant control
automatic detection of lamphead
Current Characteristic square wave,
75 Hz in „FF“ Flicker Free mode
or 1000 Hz in High Speed mode,
nearly square wave,
50 and 60 Hz in „low noise“ mode
Dimming 50 to 100 % of nominal lamp power
Starting cold start and hot restrike
Typical Light Ripple typ. < 3 %

General

Dimensions (H x W x L) 142 x 202 x 334 mm (5.6 x 7.9 x 13.1")
Weight approx. 6.5 kg (14.33 lbs)
Protective Rate IP22
Ambient Conditions -20 to +50°C (-4 to 122°F)
Housing blue standard housing

Indicators

ON / OFF ✓
Protective Earth ✓
Lamp On ✓
Overtemperature ✓
Output Mode (Frequency) ✓
Remote / DMX ✓

Detected Lamp Power

Features

Automatic Lamp Recognition
Automatic Lamphead Recongnition ✓
Dimming ✓
AutoScan
DMX 
Compensation of Cable Losses (CCL) 
Active Line Filter (ALF) 

80.0015052 as of October 2019 - Design and specifications are subject to change without notice.

