

HIGH SPEED BALLASTS

TECHNICAL DATA



ARRI High Speed Ballasts / Versions	ARRI High Speed EB 575/800	ARRI High Speed US EB 575/1200	ARRI High Speed EB 575/1200	ARRI High Speed MAX - Range EB MAX 1.8	ARRI High Speed AutoScan EB 2.5/4	ARRI High Speed AutoScan EB 6/9	ARRI High Speed AutoScan EB 12/18
Ident-No.	L2.76184KH (Schuko) / L2.0001687 (bare ends)	L2.0000356	L2.0014465	L2.0014190 / L2.0014189 (US)	L2.76655KH	L2.76185KH	L2.76295KH
Mains Supply							
Line Power	1160 VA (max.)	1390 VA (max.)	1350 VA (max.)	2600 VA (max.)	5430 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	90-130 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 1, N, PE	190-250 V~ / 50/60 Hz 1, N, PE
Nominal Current	11.1-8.9 A / 5.8-4.4 A	15-11 A / 8-6 A	15-10.4 A / 7.5-5.4 A	25-20 A / 13 - 10 A	53-42 A / 30-22 A	56-44 A	68-52 A / 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
Line plug	Schuko / bare ends	bare ends	bare ends	bare ends	bare ends	bare ends	bare ends
Lamp Connection							
Lamphead connector	International (VEAM)	International (VEAM)	International (VEAM)	International (VEAM)	International (VEAM)	International (VEAM)	International (VEAM)
Lamp Power	575 W / 800 W	575 W / 1200 W	575 W / 1200 W	575 W / 800 W / 1200 W / 1800 W	2500 W / 4000 W	6000 W / 9000 W	12 kW / 18 kW
Power Adaption	constant control, automatic detection of lamphead	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 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 in „FF“ Flicker Free mode or 1000 Hz in High Speed mode, nearly square wave, 50 and 60 Hz in „low noise“ mode	square wave, 75 or 1000 Hz in „FF“ Flicker Free mode nearly square wave, 60 Hz in „low noise“ mode	square wave, 75 or 1000 Hz in „FF“ Flicker Free mode nearly square wave, 50 Hz in „low noise“ mode	square wave, 75 Hz (Standard mode) or 300 Hz (adjustable 270-360 Hz) and 1000 Hz (adjustable 900 - 1200 Hz) in High Speed mode, nearly square wave, 50 and 60 Hz in „low noise“ mode	square wave, 75 Hz and 1000 Hz (adjustable 900 - 1200 Hz) in High Speed mode, nearly square wave, 50 and 60 Hz in „low noise“ mode	square wave, 75 Hz and 1000 Hz (adjustable 900 - 1200 Hz) in High Speed mode, nearly square wave, 50 and 60 Hz in „low noise“ mode	square wave, 75 Hz and 1000 Hz (adjustable 900 - 1200 Hz) in High Speed mode, nearly square wave, 50 and 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
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
Typical Light Ripple	typ. < 3%	typ. < 3%	typ. < 3%	typ. < 3%	typ. < 3%	typ. < 3%	typ. < 3%
General							
Dimensions (H x W x L)	142 x 202 x 334 mm (5.6 x 7.9 x 13.1")	156 x 200 x 335 mm (6.1 x 7.8 x 13.1")	156 x 200 x 335 mm (6.1 x 7.8 x 13.1")	156 x 200 x 335 mm (6.1 x 7.8 x 13.1")	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	6.5 kg (14.3 lbs)	ca. 9 kg (19.8 lbs)	ca. 8 kg (17.6 lbs)	ca. 8 kg (17.6 lbs)	ca. 21 kg (46.3 lbs)	ca. 28 kg (61.7 lbs)	ca. 49 kg (108.0 lbs)
Protective Rate	IP 22	IP 22	IP 22	IP 21	IP 22	IP 22	IP 22
Ambient Conditions	-20 to +50 °C (-4 to 122 °F)	-20 to +45 °C (-4 to 113 °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
Indicators							
ON / OFF	✓	✓	✓	✓	✓	✓	✓
Protective Earth	✓	✓	✓	✓	✓	✓	✓
Lamp On	✓	✓	✓	✓	✓	✓	✓
Overtemperature	✓	✓	✓	✓	✓	✓	✓
Output Mode (Frequency)	✓	✓	✓	✓	✓	✓	✓
Remote / DMX	✓	✓	✓	✓	✓	✓	✓
Detected Lamp Power	✓		✓	✓	✓	✓	✓
Features							
Automatic Lamp Recognition				✓	✓	✓	✓
Automatic Lamphead Recognition	✓	✓	✓	✓	✓	✓	✓
Active Line Filter (ALF)	✓	✓	✓	✓	✓	✓	✓
Compensation of Cable Losses (CCL)	✓		✓	✓	✓	✓	✓
Dimming	✓	✓	✓	✓	✓	✓	✓
AutoScan				✓	✓	✓	✓
Output Type							
50 Hz (Low Noise)	✓		✓	✓	✓	✓	✓
60 Hz (Low Noise)	✓	✓		✓	✓	✓	✓
75 Hz (Flicker Free)	✓	✓	✓	✓	✓	✓	✓
1000 Hz (High Speed)	✓	✓	✓	✓	✓	✓	✓
Options							
DMX	✓	✓	✓	✓	✓	✓	✓