



ARRISUN LAMPHEADS TECHNICAL DATA

						
ARRISUN Lamphead	ARRISUN 2	ARRISUN 5	AS 18	AS 40	ARRISUN 60	ARRISUN 120
Ident-No.	L1.77820.B	L1.77850.B	L1.37570.B	L1.37300.B	L1.77480.B	L1.77890.B
Main Features						
Type of Lamphead	PAR	PAR	PAR	PAR	PAR	PAR
Reflector	High purity aluminium parabolic	High purity aluminium parabolic	High purity aluminium parabolic	High purity aluminium parabolic	High purity aluminium parabolic	High purity aluminium parabolic
Wattage	200 W	575 W	1800 W	4000 W	6000 W	12000 W
Lamp Type	Metal Halide 200 W/SE	Metal Halide 575 W/SE	Metal Halide 1800 W/SE	Metal Halide 4000 W/SE	Metal Halide 6000 W/SE	Metal Halide 12000 W/SE
Lamp Base	GZY9.5	G22	G38	G38	GX38	G38 High Voltage
UV Protection Glass Diameter	135 mm / 5.3"	175 mm / 6.9"	250 mm / 9.9"	300 mm / 11.8"	420 mm / 16.54"	500 mm / 19.69"
Connector	Amphenol	International (VEAM)	International (VEAM)	International (VEAM)	International (VEAM)	International (VEAM)
Color	blue/silver	blue/silver	blue/silver	blue/silver	blue/silver	blue/silver
Further Versions	-	also available in Schaltbau version	also available in Schaltbau version	also available in Schaltbau version	-	-
Technical Data of the Luminaire						
Max. Operating Temperature	ta= 45° C / 113° F	ta= 45° C / 113° F	ta= 45° C / 113° F	ta= 45° C / 113° F	ta= 45° C / 113° F	ta= 45° C / 113° F
Max. Surface Temperature	tc= 200° C / 392° F	tc= 170° C / 338° F	tc= 160° C / 320° F	tc= 250° C / 482° F	tc= 200° C / 392° F	tc= 200° C / 392° 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. 90° downwards	max. 90° upwards / max. 90° downwards
Safe Distances	2 m / 6.6 ft. to illuminated surface 0.5 m / 1.7 ft. around the luminaire	5 m / 16.4 ft. to illuminated surface 0.5 m / 1.7 ft. around the luminaire	4.5 m / 14.8 ft. to illuminated surface 1 m / 3.3 ft. around the luminaire	10 m / 32.8 ft. to illuminated surface 1 m / 3.3 ft. around the luminaire	12 m / 39.4 ft. to illuminated surface 1.5 m / 4.0 ft. around the luminaire	15 m / 49.3 ft. (w/o lens) 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	I - Protective Earth
Protective Rate	IP23	IP23	IP23	IP23	IP23	IP23
Specifications						
Dimensions (incl. flange) (H x W x L)	267 x 204 x 250 mm / 10.5 x 8.0 x 9.8"	358 x 272 x 310 mm / 14.1 x 10.7 x 12.2"	595 x 387 x 416 mm / 23.4 x 15.2 x 16.4"	723 x 471 x 590 mm / 28.5 x 18.5 x 23.3"	872 x 562 x 680 mm / 34.3 x 22.1 x 26.8"	948 x 760 x 850 mm / 37.3 x 29.9 x 33.5"
Packed Size (H x W x L)	290 x 225 x 260 mm / 11.4 x 8.9 x 10.2"	340 x 490 x 380 mm / 13.4 x 19.3 x 15.0"	525 x 515 x 555 mm / 20.7 x 20.3 x 21.9"	650 x 600 x 670 mm / 25.6 x 23.6 x 26.4"	695 x 725 x 780 mm / 27.4 x 28.5 x 30.7"	875 x 815 x 950 mm / 34.5 x 32.1 x 37.4"
Weight	approx. 2.3 kg (5.07 lbs)	approx. 3.8 kg (8.38 lbs)	approx. 10.5 kg (23.15 lbs)	approx. 24.0 kg (52.92 lbs)	approx. 27 kg (59.53 lbs)	approx. 47 kg (103.18 lbs)
Packed Weight	approx. 3.2 kg (7.06 lbs)	approx. 6.3 kg (13.89 lbs)	approx. 12.9 kg (28.44 lbs) (incl. pallet)	approx. 34.0 kg (74.96 lbs) (incl. pallet)	approx. 32.5 kg (71.66 lbs) (incl. pallet)	approx. 63.0 kg (138.90 lbs) (incl. pallet)
Mounting	Socket 16 mm / 5/8"	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")
ARRI corresponding ballasts						
	EB 200	EB 575/1200	EB 1200/1800	EB 2.5/4	EB 6000 Baby	EB 6/12
	EB 125/200	EB 400/575	-	-	EB 6/9	EB 12/18
	EB 200/400	-	-	-	EB 6/12	-
Accessories						
Accessory diameter	130 mm (5.2") / 168 mm (6.6")	175 mm (6.9) / 197 mm (7.8")	250 mm (9.9") / 330 mm (13.0") / 344 mm (13.5")	300 mm (11.9") / 400 mm (15.8") / 413 mm (16.3")	420 mm (16.6") / 495 mm (16.54") / 510 mm (20.08")	500 mm (19.7") / 530 mm (20.9") / 580 mm (22.8")
	 4-leaf barndoor  8-leaf barndoor  Scrim  Chimera Lightbank  Speed ring circular  DROP-IN lens	 4-leaf barndoor  8-leaf barndoor  Scrim  Chimera Lightbank  Speed ring circular  DROP-IN lens	 4-leaf barndoor  8-leaf barndoor  Scrim  Chimera Lightbank  Speed ring circular  DROP-IN lens	 4-leaf barndoor  8-leaf barndoor  Scrim  Chimera Lightbank  Speed ring circular  DROP-IN lens	 4-leaf barndoor  Scrim  Chimera Lightbank  Speed ring circular  DROP-IN lens	 4-leaf barndoor  Scrim  Chimera Lightbank  Speed ring circular  DROP-IN lens
Photometrical Data						
Distance	5 m (16 ft.) [Output / diameter]	5 m (16 ft.) [Output / diameter]	5 m (16 ft.) [Output / diameter]	10 m (33 ft.) [Output / diameter]	12 m (39 ft.) [Output / diameter]	15 m (49 ft.) [Output / diameter]
Spot	36.8° x 18°: 1,936 lux / Ø 3.33 m	20.6° x 48.1°: 3,432 lux / Ø 1.82 m	41.0° x 18.0°: 10,200 lux / Ø 3.74 m	42.0° x 30.0°: 6,810 lux / Ø 7.68 m	35.0° x 31.0°: 9,653 lux / Ø 7.57 m	45.0° x 23.0°: 8,356 lux / Ø 12.43 m
Medium	43.4° x 18.0°: 1,252 lux / Ø 3.98 m	28.0° x 48.1°: 2,488 lux / Ø 2.49 m	52.0° x 18.0°: 6,100 lux / Ø 4.88 m	49.0° x 30.0°: 4,890 lux / Ø 9.11 m	43.0° x 31.0°: 6,389 lux / Ø 9.45 m	55.0° x 23.0°: 4,889 lux / Ø 15.62 m
Flood	49.5° x 18.0°: 840 lux / Ø 4.61 m	35.8° x 48.1°: 1,860 lux / Ø 3.23 m	64.0° x 18.0°: 3,470 lux / Ø 6.25 m	53.0° x 30.0°: 4,020 lux / Ø 9.97 m	47.0° x 31.0°: 4,910 lux / Ø 10.44 m	67.0° x 23.0°: 3,138 lux / Ø 19.86 m
Distance	10 m (33 ft.) [Output / diameter]	10 m (33 ft.) [Output / diameter]	10 m (33 ft.) [Output / diameter]	15 m (49 ft.) [Output / diameter]	15 m (49 ft.) [Output / diameter]	20 m (66 ft.) [Output / diameter]
Spot	36.8° x 18°: 484 lux / Ø 6.65 m	20.6° x 48.1°: 858 lux / Ø 3.63 m	41.0° x 18.0°: 2,550 lux / Ø 7.48 m	42.0° x 30.0°: 3,027 lux / Ø 11.52 m	35.0° x 31.0°: 6,178 lux / Ø 9.46 m	45.0° x 23.0°: 4,700 lux / Ø 16.57 m
Medium	43.4° x 18.0°: 313 lux / Ø 7.96 m	28.0° x 48.1°: 622 lux / Ø 4.99 m	52.0° x 18.0°: 1,525 lux / Ø 9.75 m	49.0° x 30.0°: 2,173 lux / Ø 13.67 m	43.0° x 31.0°: 4,089 lux / Ø 11.82 m	55.0° x 23.0°: 2,750 lux / Ø 20.82 m
Flood	49.5° x 18.0°: 210 lux / Ø 9.22 m	35.8° x 48.1°: 465 lux / Ø 6.46 m	64.0° x 18.0°: 868 lux / Ø 12.50 m	53.0° x 30.0°: 1,787 lux / Ø 14.96 m	47.0° x 31.0°: 3,142 lux / Ø 13.04 m	67.0° x 23.0°: 1,765 lux / Ø 26.48 m
Distance	15 m (49 ft.) [Output / diameter]	15 m (49 ft.) [Output / diameter]	15 m (49 ft.) [Output / diameter]	20 m (66 ft.) [Output / diameter]	20 m (66 ft.) [Output / diameter]	25 m (82 ft.) [Output / diameter]
Spot	36.8° x 18°: 215 lux / Ø 9.98 m	20.6° x 48.1°: 381 lux / Ø 5.45 m	41.0° x 18.0°: 1,133 lux / Ø 11.22 m	42.0° x 30.0°: 1,702 lux / Ø 15.35 m	35.0° x 31.0°: 3,475 lux / Ø 12.61 m	45.0° x 23.0°: 3,008 lux / Ø 20.71 m
Medium	43.4° x 18.0°: 139 lux / Ø 11.94 m	28.0° x 48.1°: 276 lux / Ø 7.48 m	52.0° x 18.0°: 678 lux / Ø 14.63 m	49.0° x 30.0°: 1,222 lux / Ø 18.23 m	43.0° x 31.0°: 2,300 lux / Ø 15.76 m	55.0° x 23.0°: 1,760 lux / Ø 26.03 m
Flood	49.5° x 18.0°: 93 lux / Ø 13.83 m	35.8° x 48.1°: 207 lux / Ø 9.69 m	64.0° x 18.0°: 386 lux / Ø 18.75 m	53.0° x 30.0°: 1,005 lux / Ø 19.94 m	47.0° x 31.0°: 1,768 lux / Ø 17.39 m	67.0° x 23.0°: 1,130 lux / Ø 33.09 m