

TRUE BLUE D LAMPHEADS TECHNICAL DATA



True Blue D Lamphead / Versions	True Blue D5	True Blue D12	True Blue D25	True Blue D40
Ident-No.	L1.33770.B	L1.33730.B	L1.33670.B	L1.34000.B
EB MAX Set*	-	L0.0019660	L0.0019662	L0.0019663
High Speed Set*	L0.33770HS	-	-	-
Basic Set*	L0.0001664	L0.0001659	L0.0001662	L0.34000.X
Basic Set Baby*	-	-	L0.33670XB	-
Main Features				
Type of Lamphead	Fresnel	Fresnel	Fresnel	Fresnel
Reflector	Spherical specular high purity aluminium	Spherical specular high purity aluminium	Spherical specular high purity aluminium	Spherical specular high purity aluminium
Wattage	575 W	1200 W	2500 W	4000 W
Lamp Type	Metal Halide 575 W/SE	Metal Halide 1200 W/SE	Metal Halide 2500 W/SE	Metal Halide 4000 W/SE
Lamp Base	G22	G38	G38	G38
Lens Diameter	150 mm / 5.9"	175 mm / 6.9"	250 mm / 9.9"	300 mm / 11.8"
Connector	International (VEAM)	International (VEAM)	International (VEAM)	International (VEAM)
Color	blue/silver	blue/silver	blue/silver	blue/silver
Further Versions	also available in P.O. version, color version black and with Schaltbau connector	also available in P.O. version, color version black and with Schaltbau connector	also available in P.O. version, color version black and with Schaltbau connector	also available in color version black and with Schaltbau connector
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
Max. Surface Temperature	tc= 145° C / 293° F	tc= 145° C / 293° F	tc= 220° C / 428° F	tc= 220° C / 428° 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
Safe Distances	8,6 m / 33.1 ft. to illuminated surface 0.5 m / 1.6 ft. around the luminaire	10,1 m / 33.1 ft. to illuminated surface 1 m / 3.3 ft. around the luminaire	15,2 m / 49.9 ft. to illuminated surface 1 m / 3.3 ft. around the luminaire	16 m / 52.5 ft. to illuminated surface 1 m / 3.3 ft. around the luminaire
Protective Class	I - Protective Earth	I - Protective Earth	I - Protective Earth	I - Protective Earth
Protective Rate	IP23	IP23	IP23	IP23
Specifications				
Dimensions (incl. flange) (H x W x L)	378 x 327 x 223 mm / 14.9 x 12.9 x 8.8"	578 x 361 x 345 mm / 22.7 x 14.2 x 13.6"	671 x 475 x 400 mm / 26.4 x 18.7 x 15.8"	752 x 544 x 403 mm / 29.6 x 21.4 x 15.9"
Packed Size (H x W x L)	390 x 390 x 360 mm / 15.4 x 15.4 x 14.2"	460 x 400 x 650 mm / 18.2 x 15.8 x 25.6"	550 x 510 x 690 mm / 21.7 x 20.1 x 27.2"	600 x 600 x 770 mm / 23.7 x 23.7 x 30.4"
Weight	approx. 5.9 kg (13.00 lbs)	approx. 9.4 kg (20.73 lbs)	approx. 15.5 kg (34.00 lbs)	approx. 18.0 kg (39.69 lbs)
Packed Weight	approx. 7.3 kg (16.10 lbs)	approx. 11.6 kg (25.58 lbs)	approx. 18.5 kg (40.35 lbs)	approx. 22.5 kg (49.17 lbs)
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")
Certification	CE, UKCA, CB, ENEC, cNRTLus	CE, UKCA, CB, ENEC, cNRTLus	CE, UKCA, CB, ENEC, cNRTLus	CE, UKCA, CB, ENEC, cNRTLus
ARRI corresponding ballasts				
MAX Range	EB MAX 1.8	EB MAX 1.8	EB MAX 2.5/4	EB MAX 2.5/4
Basic Range	EB 575/1200	EB 575/1200, EB 1200/1800	EB 2.5/4	EB 2.5/4
High Speed Range	EB 575/800 HS	-	-	-
Accessories				
Accessory diameter	197 mm (7.8")	230 mm (9.1") / 245 mm (9.7")	330 mm (13.0") / 344 mm (13.5")	400 mm (15.8") / 413 mm (16.3")
	4-leaf barndoor 8-leaf barndoor Scrim Snoot Filter frame Chimera Lightbank Speed ring circular	4-leaf barndoor 8-leaf barndoor Scrim Snoot Filter frame Speed ring circular	4-leaf barndoor 8-leaf barndoor Scrim Snoot Filter frame Chimera Lightbank Speed ring circular	4-leaf barndoor 8-leaf barndoor Scrim Snoot Filter frame Chimera Lightbank Speed ring circular
Photometrical Data				
Distance	7 m (23 ft.) [Output / diameter]	9 m (30 ft.) [Output / diameter]	12 m (39 ft.) [Output / diameter]	16 m (53 ft.) [Output / diameter]
Spot	6.0°: 6,561 lux / Ø 0.73 m	7.5°: 7,315 lux / Ø 1.18 m	6.0°: 11,269 lux / Ø 1.26 m	6.5°: 7,717 lux / Ø 1.82 m
Medium	30.0°: 1,414 lux / Ø 3.75 m	30.0°: 1,701 lux / Ø 4.82 m	30.0°: 1,924 lux / Ø 6.43 m	30.0°: 1,766 lux / Ø 8.75 m
Flood	56.0°: 591 lux / Ø 7.44 m	50.0°: 864 lux / Ø 8.39 m	59.0°: 852 lux / Ø 13.58 m	61.0°: 760 lux / Ø 18.85 m
Distance	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	6.0°: 3,215 lux / Ø 1.05 m	7.5°: 2,633 lux / Ø 1.97 m	6.0°: 7,212 lux / Ø 1.57 m	6.5°: 4,939 lux / Ø 2.27 m
Medium	30.0°: 693 lux / Ø 5.36 m	30.0°: 612 lux / Ø 8.04 m	30.0°: 1,231 lux / Ø 8.04 m	30°: 1,130 lux / Ø 10.72 m
Flood	56.0°: 290 lux / Ø 10.63 m	50.0°: 311 lux / Ø 13.99 m	59.0°: 545 lux / Ø 16.97 m	61°: 486 lux / Ø 23.56 m
Distance	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	6.0°: 1,429 lux / Ø 1.57 m	7.5°: 1,481 lux / Ø 2.62 m	6.0°: 4,057 lux / Ø 2.10 m	6.5°: 3,161 lux / Ø 2.84 m
Medium	30.0°: 308 lux / Ø 8.04 m	30.0°: 344 lux / Ø 10.72 m	30.0°: 692 lux / Ø 10.72 m	30°: 723 lux / Ø 13.40 m
Flood	56.0°: 129 lux / Ø 15.95 m	50.0°: 175 lux / Ø 18.65 m	59.0°: 307 lux / Ø 22.63 m	61°: 311 lux / Ø 29.45 m

* Set including lamphead, ballast, cable, barndoor

All specifications are nominal / typical values.



For light output at any distance use our ARRI Photometrics App.

Please visit our website for the latest downloads and to find more information about the D-Series: www.arri.com

