

# True Blue ST

## TECHNICAL DATA



True Blue ST Lamphead	True Blue ST1	True Blue ST2/3	True Blue ST5	True Blue ST1/2 Theater	True Blue ST5 Theater
Ident-No.	L0.40500.B (MAN) L0.40500.I (P.O.) L0.40500LB (MAN Location*)	L0.40750.B (MAN) L0.40750.I (P.O.) L0.40750LB (MAN Location*)	L0.41000.B (MAN) L0.41000.I (P.O.) L0.41000LB (MAN Location*)	L1.40515.B (MAN) -	L1.41015.B (MAN) -
	*MAN Location version equipped with 3 m cable, line switch and location top latch.			**Lamphead without stirrup, suitable for mounting of a motorized yoke by Licht-Technik.	

Main Features					
Type of Lamphead	Fresnel	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	Spherical specular high purity aluminium
Wattage	1000 W	2000 / 3000 W	5000 W	1000 / 2000 W	5000 W
Lamp Type	CP/40 FKJ 1000 W, 230 V CP/71 FKJ 1000 W, 230 V	CP/41 FKK 2000 W, 230 V CP/73 FKK 2000 W, 230 V HX48 3000 W, 230 - 240 V	CP/85 5000 W, 230 V CP/29 5000 W, 230 V	CP/40 1000 W, 230 V Monoplane CP/71 1000 W, 230 V Biplane CP/41 2000 W, 230 V Monoplane CP/73 2000 W, 230 V Biplane	CP/85 5000 W, 230 V CP/29 5000 W, 230 V
Lamp Base	G22	G22 / G38	G38	G22 / G38	G38
Lens Diameter	175 mm / 6.9"	250 mm / 9.9"	300 mm / 11.8"	175 mm / 6.9"	300 mm / 11.8"
Color	blue/silver	blue/silver	blue/silver	black	black
Further Versions	also available in Schuko, 120 V version as well as in color version black	also available in Schuko, 120 V version as well as in color version black	also available in 120 V version as well as in color version black	-	also available in 120 V version

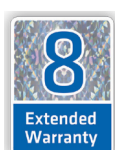
Technical Data of the Luminaire					
Max. Operating Temperature	ta= 45° C / 113° F	ta= 45° C / 113° F	ta= 45° C / 113° F	ta= 45° C / 113° F	ta= 45° C / 113° F
Max. Surface Temperature	tc= 140° C / 284° F	tc= 200° C / 392° F	tc= 190° C / 374° F	tc= 190° C / 374° F	tc= 190° C / 374° F
Tolerable Inclination	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
Safe Distances	2.5 m / 8.2 ft. to illuminated surface 0.5 m / 1.7 ft. around the luminaire	4 m / 13.2 ft. to illuminated surface 1 m / 3.3 ft. around the luminaire	6.5 m / 21.4 ft. to illuminated surface 1 m / 3.3 ft. around the luminaire	3 m / 9.9 ft. to illuminated surface 1 m / 3.3 ft. around the luminaire	5 m / 21.4 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	I - Protective Earth
Protective Rate	IP23	IP23	IP23	IP23	IP23

Specifications					
Dimensions MAN version (incl. flange) (H x W x L)	416 x 374 x 326 mm / 16.4 x 14.7 x 12.8"	540 x 464 x 390 mm / 21.3 x 18.3 x 15.0"	619 x 545 x 403 mm / 24.4 x 21.5 x 15.9"	416 x 374 x 314 mm / 16.4 x 14.7 x 12.3"	620 x 541 x 440 mm / 24.4 x 21.3 x 17.3"
Dimensions P.O. version (incl. flange) (H x W x L)	436 x 357 x 326 mm / 17.2 x 14.0 x 12.8"	544 x 446 x 390 mm / 21.4 x 17.6 x 15.0"	621 x 516 x 403 mm / 24.4 x 20.3 x 15.9"	-	-
Dimensions MAN Location version (H x W x L)	416 x 374 x 326 mm / 16.4 x 14.7 x 12.8"	540 x 464 x 390 mm / 21.3 x 18.3 x 15.0"	602 x 545 x 403 mm / 23.7 x 21.5 x 15.9"	-	-
Dimensions MOT version (incl. flange) (H x W x L)	-	-	-	343 x 266 x 314 mm / 13.5 x 10.5 x 12.3"	512 x 436 x 440 mm / 20.2 x 17.2 x 17.3"
Packed Size (H x W x L)	395 x 405 x 475 mm / 15.6 x 16.0 x 18.7"	495 x 515 x 550 mm / 19.5 x 20.3 x 21.7"	575 x 605 x 605 mm / 22.7 x 23.9 x 23.9"	460 x 400 x 520 mm / 18.2 x 15.8 x 20.5"	600 x 600 x 750 mm / 23.7 x 23.7 x 29.6"
Weight MAN version	approx. 6.5 kg (14.30 lbs)	approx. 10.5 kg (23.20 lbs)	approx. 13.5 kg (29.80 lbs)	approx. 8.0 kg (17.60 lbs)	approx. 22.0 kg (48.50 lbs)
Weight P.O. version	approx. 8.0 kg (17.60 lbs)	approx. 12.0 kg (26.50 lbs)	approx. 15.0 kg (33.10 lbs)	-	-
Weight MAN Location version	approx. 7.2 kg (15.90 lbs)	approx. 10.5 kg (23.20 lbs)	approx. 13.5 kg (29.80 lbs)	-	-
Weight MOT version	-	-	-	approx. 7.0 kg (15.40 lbs)	approx. 20.0 kg (44.10 lbs)
Packed Weight MAN version	approx. 8.8 kg (19.40 lbs)	approx. 13.5 kg (29.80 lbs)	approx. 18.5 kg (40.80 lbs)	approx. 11.0 kg (24.30 lbs)	approx. 25.0 kg (55.10 lbs)
Packed Weight P.O. version	approx. 10.2 kg (22.50 lbs)	approx. 15.0 kg (33.10 lbs)	approx. 20.0 kg (44.10 lbs)	-	-
Packed Weight MAN Location version	approx. 9.5 kg (21.00 lbs)	approx. 13.5 kg (29.80 lbs)	approx. 18.5 kg (40.80 lbs)	-	-
Packed Weight MOT version	-	-	-	approx. 10.0 kg (22.00 lbs)	approx. 23.0 kg (50.70 lbs)
Mounting	Spigot 28 mm / 11/8" (1.1"), 16 mm socket	Spigot 28 mm / 11/8" (1.1")	Spigot 28 mm / 11/8" (1.1")	Spigot 28 mm / 11/8" (1.1")	Spigot 28 mm / 11/8" (1.1")
Certification	CE, UKCA, CB, ENEC, cNRTLus	CE, UKCA, CB, ENEC, cNRTLus	CE, UKCA, CB, ENEC, cNRTLus	CE, UKCA, CB, ENEC, cNRTLus	CE, UKCA, CB, ENEC, cNRTLus

Accessories					
Accessory diameter	230 mm (9.1") / 245 mm (9.7")	230mm (9.1") / 245 mm (9.7")	400 mm (15.8") / 413 mm (16.3")	245 mm (9.7")	413 mm (16.3")
	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	4-leaf barndoor 8-leaf barndoor Filter frame for theater cassette	Spill Light frame

Photometrical Data					
Distance	5 m (16 ft.) [Output / diameter]	5 m (16 ft.) [Output / diameter]	7 m (23 ft.) [Output / diameter]	5 m (16 ft.) [Output / diameter]	7 m (23 ft.) [Output / diameter]
Spot	8.4°: 5,988 lux / Ø 0.73 m	9.4°: 14,924 lux / Ø 0.82 m	13.2°: 9,394 lux / Ø 1.62 m	11.0°: 4,940 lux / Ø 0.96 m	12.0°: 10,332 lux / Ø 1.47 m
Medium	30.0°: 1,560 lux / Ø 2.68 m	30.0°: 3,324 lux / Ø 2.68 m	30.0°: 3,582 lux / Ø 3.75 m	30.0°: 1,590 lux / Ø 2.68 m	29.0°: 3,888 lux / Ø 3.62 m
Flood	53.0°: 732 lux / Ø 4.99 m	55.1°: 1,636 lux / Ø 5.22 m	57.5°: 1,892 lux / Ø 7.68 m	55.0°: 749 lux / Ø 5.21 m	61.0°: 1,510 lux / Ø 8.25 m
Distance	10 m (33 ft.) [Output / diameter]	10 m (33 ft.) [Output / diameter]	10 m (33 ft.) [Output / diameter]	10 m (33 ft.) [Output / diameter]	10 m (33 ft.) [Output / diameter]
Spot	8.4°: 1,497 lux / Ø 1.47 m	9.4°: 3,731 lux / Ø 1.64 m	13.2°: 4,603 lux / Ø 2.31 m	11.0°: 1,235 lux / Ø 1.93 m	12.0°: 5,062 lux / Ø 2.10 m
Medium	30.0°: 390 lux / Ø 5.36 m	30.0°: 831 lux / Ø 5.36 m	30.0°: 1,755 lux / Ø 5.36 m	30.0°: 398 lux / Ø 5.36 m	29.0°: 1,905 lux / Ø 5.17 m
Flood	53.0°: 183 lux / Ø 9.97 m	55.1°: 409 lux / Ø 10.43 m	57.5°: 927 lux / Ø 10.97 m	55.0°: 187 lux / Ø 10.41 m	61.0°: 740 lux / Ø 11.78 m
Distance	15 m (49 ft.) [Output / diameter]	15 m (49 ft.) [Output / diameter]	15 m (49 ft.) [Output / diameter]	15 m (49 ft.) [Output / diameter]	15 m (49 ft.) [Output / diameter]
Flood	8.4°: 665 lux / Ø 2.20 m	9.4°: 1,658 lux / Ø 2.47 m	13.2°: 2,046 lux / Ø 3.47 m	11.0°: 549 lux / Ø 2.89 m	12.0°: 2,250 lux / Ø 3.15 m
Medium	30.0°: 173 lux / Ø 8.04 m	30.0°: 369 lux / Ø 8.04 m	30.0°: 780 lux / 8.04 m	30.0°: 177 lux / Ø 8.04 m	29.0°: 847 lux / Ø 7.76 m
Spot	53.0°: 81 lux / Ø 14.96 m	55.1°: 182 lux / Ø 15.65 m	57.5°: 412 lux / Ø 16.46 m	55.0°: 83 lux / Ø 15.62 m	61.0°: 329 lux / Ø 17.67 m

All specifications are nominal / typical values.



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