

STUDIO T LAMPHEADS

TECHNICAL DATA



Studio T Lamphead	T 12	T 24
Ident-No.	L1.82120.B	L1.82270.B
Main Features		
Type of Lamphead	Fresnel	Fresnel
Reflector	Spherical specular high purity aluminium	Spherical specular high purity aluminium
Wattage	12000 W	24000 W
Lamp Type	12000 W / 230 V monoplane CP/83 10000 W / 230 V monoplane	24000 W / 230 V monoplane 20000 W / 230 V monoplane
Lamp Base	G38	G38
UV Protection Glass Diameter	420 mm / 16.6"	625 mm / 24.7"
Color	blue/silver	blue/silver
Further Versions	also available in 120 V version	also available in 120 V version
Technical Data of the Luminaire		
Max. Operating Temperature	ta= 45° C / 113° F	ta= 45° C / 113° F
Max. Surface Temperature	tc= 260° C / 500° F	tc= 260° C / 500° F
Tolerable Inclination	max. 45° upwards / max. 45° downwards	max. 45° upwards / max. 45° downwards
Safe Distances	8 m / 26.4 ft. to illuminated surface 1.5 m / 5.0 ft. around the luminaire	11 m / 36.1 ft. to illuminated surface 2 m / 3.4 ft. around the luminaire
Protective Class	I - Protective Earth	I - Protective Earth
Protective Rate	IP20	IP20
Specifications		
Dimensions (H x W x L)	751 x 692 x 562 mm / 29.6 x 27.2 x 22.1"	1,130 x 1,006 x 849 mm / 44.5 x 39.6 x 33.4"
Packed Size (H x W x L)	695 x 725 x 780 mm / 27.4 x 28.6 x 30.8"	1,135 x 1,050 x 1,170 mm / 44.7 x 41.4 x 46.1"
Weight	approx. 27 kg (58.65 lbs)	approx. 64 kg (139.34 lbs)
Packed Weight	approx. 35 kg (76.79 lbs)	approx. 80 kg (175.27 lbs)
Mounting	Spigot 28 mm / 1 1/8" (1.1")	Spigot 28 mm / 1 1/8" (1.1")
Certification	CE, CB, GS, cNRTLus	CE, CB, GS, cNRTLus
Accessories		
Accessory diameter	495 mm (19.5") / 510 mm (20.1")	740 mm (22.1")
	4-leaf barndoor Scrim Filter frame Chimera Lightbank Speed ring circular	4-leaf barndoor Scrim Filter frame Speed ring circular
Photometrical Data		
Distance	8 m (26 ft.) [Output / diameter]	11 m (36 ft.) [Output / diameter]
Spot	13.0°: 27,188 lux / Ø 1.82 m	13.0°: 26,694 lux / Ø 2.51 m
Medium	30.0°: 9,047 lux / Ø 4.29 m	30.0°: 9,504 lux / Ø 5.89 m
Flood	55.0°: 4,656 lux / Ø 8.33 m	56.0°: 4,306 lux / Ø 11.70 m
Distance	15 m (49 ft.) [Output / diameter]	15 m (49 ft.) [Output / diameter]
Spot	13.0°: 7,733 lux / Ø 3.42 m	13.0°: 14,356 lux / Ø 3.42 m
Medium	30.0°: 2,573 lux / Ø 8.04 m	30.0°: 5,111 lux / Ø 8.04 m
Flood	55.0°: 1,324 lux / Ø 15.62 m	56.0°: 2,316 lux / Ø 15.95 m
Distance	20 m (66 ft.) [Output / diameter]	20 m (66 ft.) [Output / diameter]
Spot	13.0°: 4,350 lux / Ø 4.56 m	13.0°: 8,075 lux / Ø 4.56 m
Medium	30.0°: 1,448 lux / Ø 10.72 m	30.0°: 2,875 lux / Ø 10.72 m
Flood	55.0°: 745 lux / Ø 20.82 m	56.0°: 1,302 lux / Ø 21.27 m

All specifications are nominal / typical values.

80.0034167 as of October 2019 - Design and specifications are subject to change without notice.



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 Studio T: www.arri.com

