

STUDIO T LAMPHEADS

TECHNICAL DATA



STUDIO T Lamphead		T 12	T 24
Ident-No.		L0.82120.B*	L0.82270.D**
		*incl. 4-leaf barndoor	**incl. 4-leaf barndoor and dimmer
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, UKCA, ENEC, cNRTLus	CE, UKCA, ENEC, 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.



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



80.0034167 as of July 2023 L03993 - Design and specifications are subject to change without notice.