

# STUDIO T LAMPHEADS

## TECHNICAL DATA



STUDIO T Lamphead	T 12	T 24
Ident-No.	L0.82120.B* *incl. 4-leaf barndoor	L0.82270.D** **incl. 4-leaf barndoor and dimmer
<b>Main Features</b>		
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
<b>Technical Data of the Luminaire</b>		
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
<b>Specifications</b>		
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
<b>Accessories</b>		
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
<b>Photometrical Data</b>		
Distance	<b>8 m (26 ft.)</b> [Output / diameter]	<b>11 m (36 ft.)</b> [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	<b>15 m (49 ft.)</b> [Output / diameter]	<b>15 m (49 ft.)</b> [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	<b>20 m (66 ft.)</b> [Output / diameter]	<b>20 m (66 ft.)</b> [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 July 2023 L03993 - 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](http://www.arri.com)

