

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
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, ENEC, cNRTLus	CE, 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.

80.0034167 as of October 2021 - Design and specifications are subject to change without notice.



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