

COMPACT THEATER LAMPHEADS

TECHNICAL DATA



Compact Theater Lamphead / Versions	Compact 2500 Theater	Compact 4000 Theater
Ident-No.	L1.73680.B (MAN) L1.73690.B (MOT)	L1.74010.B (MAN) L1.74020.B (MOT)
Main Features		
Type of Lamphead	Fresnel	Fresnel
Reflector	Spherical specular high purity aluminium	Spherical specular high purity aluminium
Wattage	2500 W	4000 W
Lamp Type	Metal Halide 2500 W/SE	Metal Halide 4000 W/SE
Lamp Base	G38	G38
Lens Diameter	250 mm / 9.8"	400 mm / 15.8"
Connector	International (VEAM)	International (VEAM)
Color	grey	grey
Further Versions	also available in Schaltbau	also available in Schaltbau
Technical Data of the Luminaire		
Max. Operating Temperature	ta= 45° C / 113° F	ta= 45° C / 113° F
Max. Surface Temperature	tc= 160° C / 320° F	tc= 180° C / 356° F
Tolerable Inclination	max. 90° upwards / max. 90° downwards	max. 90° upwards / max. 90° downwards
Safe Distances	8 m / 26.3 ft. to illuminated surface 1.0 m / 3.3 ft. around the luminaire	10 m / 32.9 ft. to illuminated surface 1.0 m / 3.3 ft. around the luminaire
Protective Class	I - Protective Earth	I - Protective Earth
Protective Rate	IP23	IP23
Specifications		
Dimensions (incl. flange) (H x W x L)	752 x 590 x 410 mm / 29.6 x 23.2 x 16.2"	834 x 687 x 477 mm / 32.8 x 27.1 x 18.8"
Packed Size (H x W x L)	670 x 610 x 620 mm / 26.4 x 24.1 x 24.5"	670 x 610 x 620 mm / 26.4 x 24.1 x 24.5"
Weight	approx. 24.5 kg (52.96 lbs)	approx. 31 kg (67.03 lbs)
Packed Weight	approx. 28 kg (61.73 lbs)	approx. 35 kg (77.17 lbs)
Mounting	Spigot 28 mm / 11/8" (1.1")	Spigot 28 mm / 11/8" (1.1")
Certification	CE, CB	CE, CB
Accessories		
Accessory diameter	330 mm (13.0") / 344 mm (13.5")	400 mm (15.8") / 413 mm (16.3")
	4-leaf barndoor 8-leaf barndoor Filter frame Snoot	4-leaf barndoor 8-leaf barndoor Filter frame Snoot
Photometrical Data		
Distance	8 m (26 ft.) [Output / diameter]	10 m (33 ft.) [Output / diameter]
Spot	7.9°: 20,919 lux / Ø 1.10 m	7.7°: 20,337 lux / Ø 1.35 m
Medium	30.1°: 4,553 lux / Ø 4.30 m	29.9°: 4,905 lux / Ø 5.34 m
Flood	53.5°: 2,141 lux / Ø 8.06 m	55.3°: 2,446 lux / Ø 10.48 m
Distance	10 m (33 ft.) [Output / diameter]	15 m (49 ft.) [Output / diameter]
Spot	7.9°: 13,388 lux / Ø 1.38 m	7.7°: 9,039 lux / Ø 2.02 m
Medium	30.1°: 2,914 lux / Ø 5.38 m	29.9°: 2,180 lux / Ø 8.01 m
Flood	53.5°: 1,370 lux / Ø 10.08 m	55.3°: 1,087 lux / Ø 15.72 m
Distance	15 m (49 ft.) [Output / diameter]	20 m (66 ft.) [Output / diameter]
Spot	7.9°: 5,950 lux / Ø 2.07 m	7.7°: 5,084 lux / Ø 2.69 m
Medium	30.1°: 1,295 lux / Ø 8.07 m	29.9°: 1,226 lux / Ø 10.68 m
Flood	53.5°: 609 lux / Ø 15.12 m	55.3°: 612 lux / Ø 20.96 m

All specifications are nominal / typical values.

80.0034164 as of December 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 Compact Theater: www.arri.com

