

## Halogen studio lamps, single-ended



### Areas of application

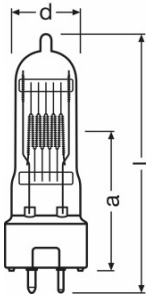
- Professional film and TV work
- Theater and concert stages
- Entertainment

### Product features

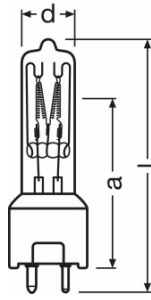
- Operation at mains voltage: 120 V | 230 V | 240 V
- Color temperature: 3,000 K (with longer lifespan)
- Color temperature: 3,200 K (for professional film and TV work)



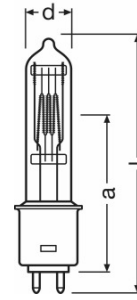
# Product family datasheet



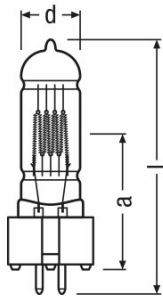
Product line drawing



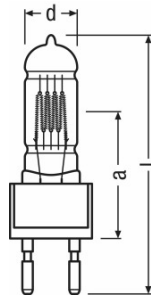
Product line drawing



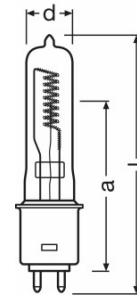
Product line drawing



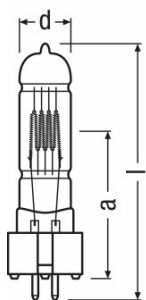
Product line drawing



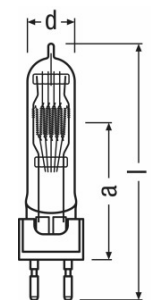
Product line drawing



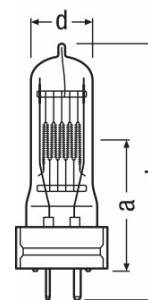
Product line drawing



Product line drawing

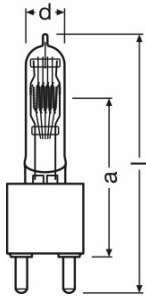


Product line drawing

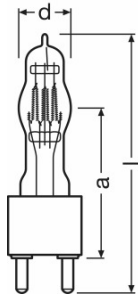


Product line drawing

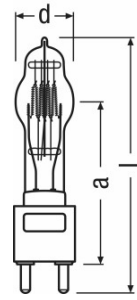
# Product family datasheet



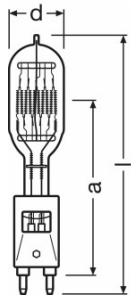
Product line drawing



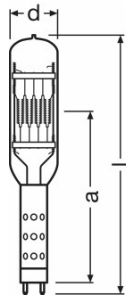
Product line drawing



Product line drawing



Product line drawing



Product line drawing

## Product family datasheet

### Technical data

Product description	Electrical data		Photometrical data		Dimensions & weight				
	Nominal wattage	Nominal voltage	Nominal luminous flux	Color temperature	Diameter	Length	Light center length (LCL)	Illuminated field	Filament diameter
64670 500 W 230 V	500.00 W	230 V	11000 lm	3000 K	23.0 mm	90.0 mm	46.5 mm	11.0*11.0 mm <sup>2</sup>	11.0 mm
64670 500 W 240 V	500.00 W	240 V	11000 lm	3000 K	23.0 mm	90.0 mm	46.5 mm	11.0*11.0 mm <sup>2</sup>	11.0 mm
64673 300 W 230 V	300.00 W	230 V	6800 lm	3100 K	18.0 mm	90.0 mm	46.5 mm	6.5*13 mm <sup>2</sup>	13.0 mm
64673 300 W 240 V	300.00 W	240 V	6800 lm	3100 K	18.0 mm	90.0 mm	46.5 mm	6.5*13 mm <sup>2</sup>	13.0 mm
64674 500 W 230 V	500.00 W	230 V	13500 lm	3200 K	18.0 mm	90.0 mm	46.5 mm	8.0*18 mm <sup>2</sup>	18.0 mm
64674 500 W 240 V	500.00 W	240 V	13500 lm	3200 K	18.0 mm	90.0 mm	46.5 mm	8.0*18 mm <sup>2</sup>	18.0 mm
64678 800 W 230 V	800.00 W	230 V	20000 lm	3200 K	19.0 mm	101.0 mm	60.5 mm	9.0*13.0 mm <sup>2</sup>	13.0 mm
64680 500 W 230 V	500.00 W	230 V		3200 K	22.0 mm	75.0 mm	36.5 mm	10.0*10.0 mm <sup>2</sup> 1)	10.0 mm
64680 500 W 240 V	500.00 W	240 V		3200 K	22.0 mm	75.0 mm	36.5 mm	10.0*10.0 mm <sup>2</sup> 1)	10.0 mm
64716 600 W 230 V	600.00 W	230 V	13500 lm	3050 K	19.0 mm	101.0 mm	60.5 mm	9.0*13.0 mm <sup>2</sup>	13.0 mm
64716 600 W 240 V	600.00 W	240 V	13500 lm	3050 K	19.0 mm	101.0 mm	60.5 mm	9.0*13.0 mm <sup>2</sup>	13.0 mm
64717 650 W 230 V	650.00 W	230 V	16250 lm	3200 K	23.0 mm	90.0 mm	46.5 mm	26.0*33.0 mm <sup>2</sup>	33.0 mm
64717 650 W 240 V	650.00 W	240 V	17000 lm	3200 K	23.0 mm	90.0 mm	46.5 mm	26.0*33.0 mm <sup>2</sup>	33.0 mm
64718 650 W 230 V	650.00 W	230 V	14850 lm	3000 K	23.0 mm	90.0 mm	46.5 mm	10.0*10.0 mm <sup>2</sup>	10.0 mm
64718 650 W 240 V	650.00 W	240 V	14850 lm	3000 K	23.0 mm	90.0 mm	46.5 mm	10.0*10.0 mm <sup>2</sup>	10.0 mm
64719 650 W 230 V	650.00 W	230 V		3000 K	26.0 mm	110.0 mm	55.0 mm	13.0*11.0 mm <sup>2</sup>	11.0 mm
64720 650 W 230 V	650.00 W	230 V		3200 K	26.0 mm	110.0 mm	55.0 mm	13.0*17.0 mm <sup>2</sup> 1)	17.0 mm
64721 650 W 230 V	650.00 W	230 V		3200 K	26.0 mm	140.0 mm	63.5 mm	13.0*17.0 mm <sup>2</sup> 1)	17.0 mm
64743 1000 W 120 V	1000.00 W	120 V		3200 K	20.0 mm	101.0 mm	60.3 mm	11.4*24.4 mm <sup>2</sup>	24.4 mm
64744 1000 W 230 V	1000.00 W	230 V		3000 K	26.0 mm	110.0 mm	55.0 mm	13.0*15.0 mm <sup>2</sup>	15.0 mm
64744 1000 W 240 V	1000.00 W	240 V		3000 K	26.0 mm	110.0 mm	55.0 mm	13.0*15.0 mm <sup>2</sup>	15.0 mm
64745 1000 W 230 V	1000.00 W	230 V		3200 K	26.0 mm	110.0 mm	55.0 mm	13.0*15.0 mm <sup>2</sup>	15.0 mm
64745 1000 W 240 V	1000.00 W	240 V		3200 K	26.0 mm	110.0 mm	55.0 mm	13.0*15.0 mm <sup>2</sup>	15.0 mm
64747 1000 W 230 V	1000.00 W	230 V	26000 lm	3200 K	26.0 mm	140.0 mm	63.5 mm	13.0*15.0 mm <sup>2</sup>	15.0 mm

## Product family datasheet

Product description	Electrical data		Photometrical data		Dimensions & weight				
	Nominal wattage	Nominal voltage	Nominal luminous flux	Color temperature	Diameter	Length	Light center length (LCL)	Illuminated field	Filament diameter
64747 1000 W 240 V	1000.00 W	240 V		3200 K	26.0 mm	140.0 mm	63.5 mm	13.0*15.0 mm <sup>2</sup>	15.0 mm
64752 1200 W 230 V	1200.00 W	230 V	29000 lm	3000 K	27.0 mm	125.0 mm	67.0 mm	13.0*15.0 mm <sup>2</sup>	15.0 mm
64752 1200 W 240 V	1200.00 W	240 V	29000 lm	3000 K	27.0 mm	125.0 mm	67.0 mm	13.0*15.0 mm <sup>2</sup>	15.0 mm
64754 1200 W 230 V	1200.00 W	230 V	30000 lm	3200 K	27.0 mm	125.0 mm	67.0 mm	13.0*15.0 mm <sup>2</sup>	15.0 mm
64756 1200 W 230 V	1200.00 W	230 V	30000 lm	3200 K	26.0 mm	140.0 mm	63.5 mm	13.0*15.0 mm <sup>2</sup>	15.0 mm
64777 2000 W 230 V	2000.00 W	230 V	52000 lm	3200 K	35.0 mm	175.0 mm	90.0 mm	20.0*19.0 mm <sup>2</sup>	19.0 mm
64787 2000 W 230 V	2000.00 W	230 V	52000 lm	3200 K	35.0 mm	160.0 mm	75.0 mm	20.0*19.0 mm <sup>2</sup>	19.0 mm
64788 2000 W 230 V	2000.00 W	230 V	52000 lm	3200 K	35.0 mm	145.0 mm	70.0 mm	20.0*19.0 mm <sup>2</sup>	19.0 mm
64788 2000 W 240 V	2000.00 W	240 V	52000 lm	3200 K	35.0 mm	145.0 mm	70.0 mm	20.0*19.0 mm <sup>2</sup>	19.0 mm
64789 2000 W 230 V	2000.00 W	230 V	52000 lm	3200 K	35.0 mm	210.0 mm	127.0 mm	20.0*19.0 mm <sup>2</sup>	19.0 mm
64789 2000 W 240 V	2000.00 W	240 V	52000 lm	3200 K	35.0 mm	210.0 mm	127.0 mm	20.0*19.0 mm <sup>2</sup>	19.0 mm
64796 2500 W 230 V	2500.00 W	230 V	65000 lm	3200 K	35.0 mm	175.0 mm	90.0 mm	20.0*19.0 mm <sup>2</sup>	19.0 mm
64797 3000 W 230 V	3000.00 W	230 V	82000 lm	3200 K	45.0 mm	210.0 mm	127.0 mm	33.0*35.0 mm <sup>2</sup>	
64805 5000 W 120 V	5000.00 W	120 V	143000 lm	3200 K	60.0 mm	279.4 mm	165.0 mm	26.0*33.0 mm <sup>2</sup>	
64805 5000 W 230 V	5000.00 W	230 V	135000 lm	3200 K	60.0 mm	279.0 mm	165.0 mm	26.0*33.0 mm <sup>2</sup>	33.0 mm
64805 5000 W 240 V	5000.00 W	240 V	135000 lm	3200 K	61.0 mm	279.0 mm	165.0 mm	26.0*33.0 mm <sup>2</sup>	33.0 mm
64815 10000 W 230 V	10000.00 W	230 V		3200 K	80.0 mm	400.0 mm	254.0 mm	60.0*35.0 mm <sup>2</sup>	35.0 mm
64818 20000 W 230 V	20000.00 W	230 V		3200 K	100.0 mm	550.0 mm	354.0 mm	67.0*50.0 mm <sup>2</sup>	50.0 mm
93723 1200 W 80 V	1200.00 W	80.0 V	37500 lm	3200 K	22.0 mm	120.7 mm	63.5 mm	12.7*12.7 mm <sup>2</sup>	12.7 mm
93734 1000 W 240 V	1000.00 W	240 V		3200 K	20.0 mm	102.0 mm	60.3 mm	5.7*27.0 mm <sup>2</sup>	27.0 mm

## Product family datasheet

Product description	Filament length	Lifespan	Capabilities	Certificates & standards	Country specific categorizations		
		Lifespan	Burning position	EEI – Energy Label	ANSI code	LIF	Order reference
64670 500 W 230 V		300 h	s90	C	GCV	T/25	64670GCVT/25 50
64670 500 W 240 V		300 h	s90	C	GCV	T/25	64670GCVT/25 50
64673 300 W 230 V		200 h	Any	C	FSL	CP/81	64673 CP/81 300
64673 300 W 240 V		200 h	Any	B	FSK	CP/81	64673 CP/81 300
64674 500 W 230 V		200 h	Any	B	FRH	CP/82	64674 CP/82 500
64674 500 W 240 V		200 h	Any	B	FRJ	CP/82	64674 CP/82 500
64678 800 W 230 V		250 h	s90	B			64678 800W 230V
64680 500 W 230 V		50 h	Any	B		A1/244	64680 500W 230V
64680 500 W 240 V		50 h	Any	B		A1/244	64680 500W 240V
64716 600 W 230 V		250 h	s90	C	GKV		64716 GKV 600W
64716 600 W 240 V		250 h	s90	C	GKV		64716 GKV 600W
64717 650 W 230 V		150 h	s90	B	FRL	CP/89	64717CP89FRL 65
64717 650 W 240 V		150 h	s90	B	FRM	CP/89	64717CP89FRM 65
64718 650 W 230 V		400 h	s90	B	GCT	T/27	64718T/27GCT 65
64718 650 W 240 V		400 h	s90	C	GCT	T/27	64718T/27GCT 65
64719 650 W 230 V		750 h	s90	C		T/12	64719 T/12 650W
64720 650 W 230 V		100 h	s90	B		CP/23	64720 CP/23 650
64721 650 W 230 V		100 h	s90	B	FKH	CP/39	64721CP39FKH 65
64743 1000 W 120 V		300 h	Any	B	FEL		64743 1000W 120
64744 1000 W 230 V		750 h	s90	C	FWP	T/19	64744 T/19 1000
64744 1000 W 240 V		750 h	s90	C	FWP	T/19	64744 T/19 1000
64745 1000 W 230 V	13.00 mm	200 h	s90	B	FVA	CP/70	64745 CP/70 100
64745 1000 W 240 V		200 h	s90	B	FVA	CP/70	64745 CP/70 100
64747 1000 W 230 V	13.00 mm	200 h	s90	B	FKJ	CP/71	64747 CP/71 100

## Product family datasheet

Product description	Filament length	Lifespan	Capabilities	Certificates & standards	Country specific categorizations		
		Lifespan	Burning position	EEI – Energy Label	ANSI code	LIF	Order reference
64747 1000 W 240 V		200 h	s90	B	FKJ	CP/71	64747 CP/71 100
64752 1200 W 230 V		400 h	s90	B	FWS	T/29	64752T/29FWS 12
64752 1200 W 240 V		400 h	s90	B	FWS	T/29	64752T/29FWS 12
64754 1200 W 230 V		200 h	s90	B		CP/90	64754 CP/90 120
64756 1200 W 230 V		200 h	s90	B		CP/93	64756 CP/93 120
64777 2000 W 230 V		400 h	s90	B		CP/92	64777 CP/92 200
64787 2000 W 230 V		400 h	s90	B		CP/75	64787 CP/75 200
64788 2000 W 230 V		400 h	s90	B	FTM	CP/72	64788 CP/72 200
64788 2000 W 240 V		400 h	s90	B	FTM	CP/72	64788 CP/72 200
64789 2000 W 230 V		400 h	s90	B	FKK	CP/73	64789 CP/73 200
64789 2000 W 240 V		400 h	s90	B	FKK	CP/73	64789 CP/73 200
64796 2500 W 230 V		400 h	s90	B		CP/91	64796 CP/91 250
64797 3000 W 230 V		400 h	s90				64797 3000W 230
64805 5000 W 120 V		400 h	s90			CP/85	64805 5000W 120
64805 5000 W 230 V	26.00 mm	400 h	s90	B		CP/85	64805 CP/85 500
64805 5000 W 240 V		400 h	s90	B		CP/85	64805 CP/85 500
64815 10000 W 230 V		350 h	s45	B	ECR	CP/83	64815 CP/83 100
64818 20000 W 230 V		350 h	s45	B	BCM	CP/99	64818 CP/99 200
93723 1200 W 80 V		300 h	s135	B		CP/110	93723 1200W 80V
93734 1000 W 240 V		300 h	Any	B	FEP	CP/77	93734 FEP CP 10

<sup>1)</sup> With monoplane filament

## Product family datasheet

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### Safety advice

To prevent personal injury or damage to property, halogen lamps may only be operated in suitable luminaires designed with suitable mechanisms (protective shields, grids, etc.) to ensure that in the event of a lamp bursting no parts/shards can escape and that during operation no ultraviolet radiation can escape. There must also be a warning sign to indicate that the lamps give off high levels of heat. Detailed information is available on request.

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### Application advice

For more detailed application information and graphics please see product datasheet.

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### References / Links

A summary of studio lamps can be found on the halogen studio lamps poster.  
For more information on halogen lamps for studio, stage and TV see the brochure:  
"Good news for show business"  
"Halogen High Voltage Lamps" cross reference list

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### Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.