

## Halogen lamps, medium/high voltage, single-ended

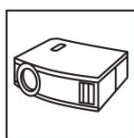


### Areas of application

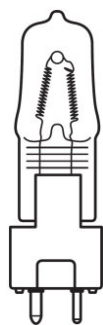
- Professional film and TV work

### Product family features

- Operation at mains voltage: 120 V | 230 V | 240 V
- Color temperature: 2,900 K | 3,000 K (with longer lifespan)
- Color temperature: 3,200 K (for professional film and TV work)
- Color temperature: 3,400 K (for maximum luminous efficacy)

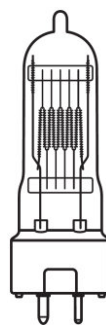


## Product family datasheet



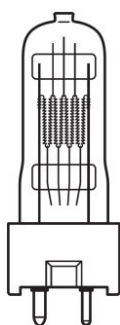
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358722\_Halogen Lamp 64662



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341357\_HALOGEN STUDIO LAMP 64670



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488277\_HALOGEN LAMP 93591, 93592

Product family datasheet

Technical data

| Product description              | Product information | Electrical data | Photometrical data | Dimensions & weight |         |                           |
|----------------------------------|---------------------|-----------------|--------------------|---------------------|---------|---------------------------|
|                                  | Order reference     | Nominal voltage | Color temperature  | Diameter            | Length  | Illuminated field         |
| 64501 150 W 120 V                | 64501 150W 120V     | 120 V           | 3250 K             | 120 mm              | 550 mm  | 11.0*2.2 mm <sup>2</sup>  |
| 64502 150 W 230 V                | 64502 150W GX6.     | 230 V           | 3200 K             | 180 mm              | 550 mm  | 13.0*1.9 mm <sup>2</sup>  |
| 64502 150 W 240 V                | 64502 150W 240V     | 240 V           | 3200 K             | 1800 mm             | 550 mm  | 13.0*1.9 mm <sup>2</sup>  |
| 64504 150 W 230 V                | 64504 A1/248 15     | 230 V           | 3200 K             | 1800 mm             | 620 mm  | 9.6*12.5 mm <sup>2</sup>  |
| 64505 200 W 230 V <sup>1)</sup>  | 64505 200W GX6.     | 230 V           | 3200 K             | 185 mm              | 530 mm  | 9.6*12.5 mm <sup>2</sup>  |
| 64505 200 W 230 V <sup>1)</sup>  | 64505 200W 240V     | 240 V           | 3200 K             | 185 mm              | 530 mm  | 9.5*12.5 mm <sup>2</sup>  |
| 64512 300 W 120 V <sup>1)</sup>  | 64512 300W GX6.     | 120 V           | 3350 K             | 185 mm              | 530 mm  | 10.0*12.5 mm <sup>2</sup> |
| 64514 300 W 120 V <sup>1)</sup>  | 64514 300W GX6.     | 120 V           | 3200 K             | 185 mm              | 530 mm  | 10.0*12.5 mm <sup>2</sup> |
| 64515 300 W 230 V <sup>1)</sup>  | 64515 300W 230V     | 230 V           | 3300 K             | 185 mm              | 530 mm  | 9.8*12.5 mm <sup>2</sup>  |
| 64515 300 W 240 V <sup>1)</sup>  | 64515 300W GX6.     | 240 V           | 3350 K             | 185 mm              | 530 mm  | 10.0*12.5 mm <sup>2</sup> |
| 64516 300 W 230 V <sup>1)</sup>  | 64516 300W GX6.     | 230 V           | 3150 K             | 18.5 mm             | 53.0 mm | 9.8*12.5 mm <sup>2</sup>  |
| 64516 300 W 240 V <sup>1)</sup>  | 64516 300W GX6.     | 240 V           | 3150 K             | 185 mm              | 530 mm  | 9.7*12.5 mm <sup>2</sup>  |
| 64540 650 W 230 V                | 64540 BVM 650W      | 230 V           | 3400 K             | 240 mm              | 575 mm  | 14.0*15.0 mm <sup>2</sup> |
| 64540 650 W 240 V                | 64540 BVM 650W      | 240 V           | 3400 K             | 240 mm              | 575 mm  | 14.0*15.0 mm <sup>2</sup> |
| 64573 1000 W 120 V <sup>2)</sup> | 64573 1000W 115     | 115...120 V     | 3400 K             | 240 mm              | 575 mm  | 14.0*14.0 mm <sup>2</sup> |
| 64575 1000 W 230 V               | 64575 1000W 230     | 230 V           | 3400 K             | 240 mm              | 675 mm  | 14.0*14.0 mm <sup>2</sup> |
| 64575 1000 W 240 V               | 64575 1000W GX6     | 240 V           | 3400 K             | 240 mm              | 675 mm  | 14.0*14.0 mm <sup>2</sup> |
| 64748XS 1000W 240V               | 64748 XS 1000W      | 240 V           | 3200 K             | 2220 mm             | 950 mm  |                           |
| 64748XS 1000W 230V               | 64748 XS 1000W      | 230 V           | 3200 K             | 2220 mm             | 950 mm  |                           |
| 64662 300 W 230 V <sup>3)</sup>  | 64662 300W GY9.     | 230 V           | 2900 K             | 150 mm              | 800 mm  | 9.0*11.0 mm <sup>2</sup>  |
| 64672 500 W 230 V                | 64672 M40 500W      | 230 V           | 2900 K             | 220 mm              | 899 mm  | 12.0*11.0 mm <sup>2</sup> |

Product family datasheet

|                                 | Product information | Electrical data | Photometrical data | Dimensions & weight |        |                              |
|---------------------------------|---------------------|-----------------|--------------------|---------------------|--------|------------------------------|
| Product description             | Order reference     | Nominal voltage | Color temperature  | Diameter            | Length | Illuminated field            |
| 64672 500 W 240 V               | 64672 M40 500W      | 240 V           | 2900 K             | 220 mm              | 899 mm | 12.0*11.0 mm <sup>2</sup>    |
| 64686 650 W 230 V               | 64686 DYZ 650W      | 230 V           | 3200 K             | 210 mm              | 640 mm | 10.0*10.0 mm <sup>2 3)</sup> |
| 64686 650 W 240 V               | 64686 DYZ 650W      | 240 V           | 3200 K             | 210 mm              | 640 mm | 10.0*10.0 mm <sup>2 3)</sup> |
| 93592 400 W 230 V <sup>2)</sup> | 93592 400W 230V     | 230 V           | 3200 K             | 200 mm              | 770 mm | 10.7*12.2 mm <sup>2</sup>    |
| 64662 300 W 240 V               | 64662 M38 300W      | 240 V           | 2900 K             | 1750 mm             | 800 mm | 9.0*11.0 mm <sup>2</sup>     |
| 64540 650 W 230 V               | 64540 650W GX6.     | 230 V           | 3400 K             | 2200 mm             | 575 mm |                              |
| 64686 650 W 230 V               | 64686 650W GY9.     | 230 V           | 3200 K             | 2100 mm             | 640 mm |                              |
| 64540 650 W 240 V               | 64540 650W GX6.     | 240 V           | 3400 K             | 2200 mm             | 575 mm |                              |
| 64686 650 W 240 V               | 64686 650W 240V     | 240 V           | 3200 K             | 2100 mm             | 640 mm |                              |

|                                  |                   | Lifespan | Additional product data     | Capabilities     |          |
|----------------------------------|-------------------|----------|-----------------------------|------------------|----------|
| Product description              | Filament diameter | Lifespan | Base (standard designation) | Burning position | Dimmable |
| 64501 150 W 120 V                | 2.2 mm            | 50 h     | GX6.35                      | h90              |          |
| 64502 150 W 230 V                | 1.9 mm            | 50 h     | GX6.35                      | Any              |          |
| 64502 150 W 240 V                |                   | 50 h     | GX6.35                      | Any              |          |
| 64504 150 W 230 V                |                   | 25 h     | G6.35                       | s90              |          |
| 64505 200 W 230 V <sup>1)</sup>  | 12.5 mm           | 25 h     | GX6.35                      | s90              |          |
| 64505 200 W 230 V <sup>1)</sup>  | 12.5 mm           | 25 h     | GX6.35                      | s90              |          |
| 64512 300 W 120 V <sup>1)</sup>  | 12.5 mm           | 15 h     | GX6.35                      | s90              |          |
| 64514 300 W 120 V <sup>1)</sup>  | 12.5 mm           | 75 h     | GX6.35                      | Other            |          |
| 64515 300 W 230 V <sup>1)</sup>  | 12.5 mm           | 15 h     | GX6.35                      | s90              |          |
| 64515 300 W 240 V <sup>1)</sup>  | 12.5 mm           | 15 h     | GX6.35                      | s90              |          |
| 64516 300 W 230 V <sup>1)</sup>  | 12.5 mm           | 75 h     | GX6.35                      | s90              |          |
| 64516 300 W 240 V <sup>1)</sup>  | 12.5 mm           | 75 h     | GX6.35                      | s90              |          |
| 64540 650 W 230 V                | 15.0 mm           | 15 h     | GX6.35                      | Any              | Yes      |
| 64540 650 W 240 V                | 15.0 mm           | 15 h     | GX6.35                      | Any              |          |
| 64573 1000 W 120 V <sup>2)</sup> | 14.0 mm           | 15 h     | GX6.35                      | Other            |          |
| 64575 1000 W 230 V               | 14.0 mm           | 15 h     | GX6.35                      | s                |          |
| 64575 1000 W 240 V               | 14.0 mm           | 15 h     | GX6.35                      | s                |          |
| 64748XS 1000W 240V               |                   |          | GY9.5                       | S180             |          |
| 64748XS 1000W 230V               |                   |          | GY9.5                       | S180             |          |
| 64662 300 W 230 V <sup>3)</sup>  | 11.0 mm           | 2000 h   | GY9.5                       | Any              |          |

Product family datasheet

| Product description             | Filament diameter | Lifespan | Additional product data     | Capabilities     |          |
|---------------------------------|-------------------|----------|-----------------------------|------------------|----------|
|                                 |                   | Lifespan | Base (standard designation) | Burning position | Dimmable |
| 64672 500 W 230 V               | 11.0 mm           | 2000 h   | GY9.5                       | Any              |          |
| 64672 500 W 240 V               | 11.0 mm           | 2000 h   | GY9.5                       | Any              |          |
| 64686 650 W 230 V               | 10.0 mm           | 50 h     | GY9.5                       | Any              |          |
| 64686 650 W 240 V               | 10.0 mm           | 50 h     | GY9.5                       | Any              |          |
| 93592 400 W 230 V <sup>2)</sup> | 12.2 mm           | 75 h     | GY9.5                       | s90              |          |
| 64662 300 W 240 V               | 11.0 mm           | 2000 h   | GY9.5                       | Any              |          |
| 64540 650 W 230 V               |                   |          | GX6.35                      | Other            |          |
| 64686 650 W 230 V               |                   |          | GY9.5                       | Any              |          |
| 64540 650 W 240 V               |                   |          | GX6.35                      | Other            |          |
| 64686 650 W 240 V               |                   |          | GY9.5                       | Other            |          |

| Product description              | Country specific categorizations |        | Logistical data                  | Environmental information<br>Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |
|----------------------------------|----------------------------------|--------|----------------------------------|----------------------------------------------------------------------------------------------------|
|                                  | ANSI code                        | LIF    | EAN 10 of contained light source | Date of Declaration                                                                                |
| 64501 150 W 120 V                | Other                            |        | 4008321746030                    | 25-04-2024                                                                                         |
| 64502 150 W 230 V                | Other                            |        | 4052899080751                    | 25-04-2024                                                                                         |
| 64502 150 W 240 V                | Other                            |        | 4052899363236                    | 25-04-2024                                                                                         |
| 64504 150 W 230 V                | Other                            | A1/249 | 4052899101654                    | 06-03-2024                                                                                         |
| 64505 200 W 230 V <sup>1)</sup>  | Other                            |        | 4008321746078                    | 25-04-2024                                                                                         |
| 64505 200 W 230 V <sup>1)</sup>  | Other                            |        | 4008321746092                    | 25-04-2024                                                                                         |
| 64512 300 W 120 V <sup>1)</sup>  | Other                            |        | 4008321746115                    | 25-04-2024                                                                                         |
| 64514 300 W 120 V <sup>1)</sup>  | Other                            | CP/96  | 4008321746139                    | 25-04-2024                                                                                         |
| 64515 300 W 230 V <sup>1)</sup>  | Other                            |        | 4008321746153                    | 25-04-2024                                                                                         |
| 64515 300 W 240 V <sup>1)</sup>  | Other                            |        | 4008321746177                    | 25-04-2024                                                                                         |
| 64516 300 W 230 V <sup>1)</sup>  | Other                            | CP/97  | 4008321746191                    | 25-04-2024                                                                                         |
| 64516 300 W 240 V <sup>1)</sup>  | Other                            | CP/97  | 4008321746214                    | 25-04-2024                                                                                         |
| 64540 650 W 230 V                | BVM                              |        | 4052899158221                    | 25-04-2024                                                                                         |
| 64540 650 W 240 V                | BVM                              |        | 4052899158245                    | 25-04-2024                                                                                         |
| 64573 1000 W 120 V <sup>2)</sup> | Other                            |        |                                  | 05-03-2024                                                                                         |
| 64575 1000 W 230 V               | EGY                              |        | 4052899274556                    | 25-04-2024                                                                                         |
| 64575 1000 W 240 V               | EGY                              |        | 4052899274570                    | 25-04-2024                                                                                         |
| 64748XS 1000W 240V               |                                  |        | 4052899545380                    | 22-04-2024                                                                                         |
| 64748XS 1000W 230V               |                                  |        | 4052899545366                    | 22-04-2024                                                                                         |
| 64662 300 W 230 V <sup>3)</sup>  | Other                            |        | 4052899015449                    | 22-04-2024                                                                                         |
| 64672 500 W 230 V                | Other                            |        | 4008321098559                    | 22-04-2024                                                                                         |
| 64672 500 W 240 V                | Other                            |        | 4008321098535                    | 22-04-2024                                                                                         |
| 64686 650 W 230 V                | Other                            |        | 4052899158269                    | 05-03-2024                                                                                         |
| 64686 650 W 240 V                | Other                            |        | 4052899158283                    | 05-03-2024                                                                                         |
| 93592 400 W 230 V <sup>2)</sup>  | Other                            |        | 4050300481531                    | 05-03-2024                                                                                         |

Product family datasheet

|                     | Country specific categorizations |      | Logistical data                  | Environmental information<br>Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |
|---------------------|----------------------------------|------|----------------------------------|----------------------------------------------------------------------------------------------------|
| Product description | ANSI code                        | LIF  | EAN 10 of contained light source | Date of Declaration                                                                                |
| 64662 300 W 240 V   | Other                            | M/38 | 4052899144248                    | 22-04-2024                                                                                         |
| 64540 650 W 230 V   | Other                            |      |                                  | 06-03-2024                                                                                         |
| 64686 650 W 230 V   | Other                            |      |                                  | 06-03-2024                                                                                         |
| 64540 650 W 240 V   | Other                            |      |                                  | 06-03-2024                                                                                         |
| 64686 650 W 240 V   | Other                            |      |                                  | 06-03-2024                                                                                         |

| Product description              | Primary Article Identifier                    | Candidate List Substance 1         | Declaration No. in SCIP database   |
|----------------------------------|-----------------------------------------------|------------------------------------|------------------------------------|
| 64501 150 W 120 V                | 4050300279237   4008321746030                 | No declarable substances contained | In work                            |
| 64502 150 W 230 V                | 4008321133335   4008321746054   4052899080751 | No declarable substances contained | No declarable substances contained |
| 64502 150 W 240 V                | 4052899080775   4052899363236                 | No declarable substances contained | In work                            |
| 64504 150 W 230 V                | 4052899101654                                 | No declarable substances contained | No declarable substances contained |
| 64505 200 W 230 V <sup>1)</sup>  | 4008321098436   4008321173881   4008321746078 | No declarable substances contained | No declarable substances contained |
| 64505 200 W 230 V <sup>1)</sup>  | 4008321098610   4008321746092                 | No declarable substances contained | No declarable substances contained |
| 64512 300 W 120 V <sup>1)</sup>  | 4008321098634   4008321746115                 | No declarable substances contained | No declarable substances contained |
| 64514 300 W 120 V <sup>1)</sup>  | 4008321098672   4008321746139                 | No declarable substances contained | No declarable substances contained |
| 64515 300 W 230 V <sup>1)</sup>  | 4008321098696   4008321746153                 | No declarable substances contained | No declarable substances contained |
| 64515 300 W 240 V <sup>1)</sup>  | 4008321189110   4008321746177                 | No declarable substances contained | No declarable substances contained |
| 64516 300 W 230 V <sup>1)</sup>  | 4008321098733   4008321746191                 | No declarable substances contained | No declarable substances contained |
| 64516 300 W 240 V <sup>1)</sup>  | 4008321098757   4008321746214                 | No declarable substances contained | No declarable substances contained |
| 64540 650 W 230 V                | 4052899158221                                 | No declarable substances contained | No declarable substances contained |
| 64540 650 W 240 V                | 4052899158245                                 | No declarable substances contained | No declarable substances contained |
| 64573 1000 W 120 V <sup>2)</sup> | 4008321098832                                 |                                    | In work                            |
| 64575 1000 W 230 V               | 4008321098856   4052899274556                 | No declarable substances contained | No declarable substances contained |

Product family datasheet

| Product description             | Primary Article Identifier                          | Candidate List Substance 1         | Declaration No. in SCIP database   |
|---------------------------------|-----------------------------------------------------|------------------------------------|------------------------------------|
| 64575 1000 W 240 V              | 4008321087775  <br>4008321098450  <br>4052899274570 | No declarable substances contained | No declarable substances contained |
| 64748XS 1000W 240V              | 4052899545380                                       | No declarable substances contained | No declarable substances contained |
| 64748XS 1000W 230V              | 4052899545366                                       | No declarable substances contained | No declarable substances contained |
| 64662 300 W 230 V <sup>3)</sup> | 4008321097873  <br>4052899015449                    | No declarable substances contained | No declarable substances contained |
| 64672 500 W 230 V               | 4008321098559                                       | No declarable substances contained | No declarable substances contained |
| 64672 500 W 240 V               | 4008321098535                                       | No declarable substances contained | No declarable substances contained |
| 64686 650 W 230 V               | 4052899158269                                       | No declarable substances contained | No declarable substances contained |
| 64686 650 W 240 V               | 4052899158283                                       | No declarable substances contained | No declarable substances contained |
| 93592 400 W 230 V <sup>2)</sup> | 4050300481531                                       | No declarable substances contained | No declarable substances contained |
| 64662 300 W 240 V               | 4052899144248                                       | No declarable substances contained | No declarable substances contained |
| 64540 650 W 230 V               | 4008321098818                                       |                                    | In work                            |
| 64686 650 W 230 V               | 4008321098498  <br>4008321133359                    |                                    | In work                            |
| 64540 650 W 240 V               | 4008321098795                                       |                                    | In work                            |
| 64686 650 W 240 V               | 4008321098511                                       |                                    | In work                            |

<sup>1)</sup> With quartz pinch technology

<sup>2)</sup> Available on request

<sup>3)</sup> With monoplane filament

## Product family datasheet

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### Application advice

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

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### References / Links

For further information on pinch technology, please refer to the following brochure:

“A whole lotta shakin’ goin’ on!” New halogen lamps with quartz pinch technology. (122 W 100 DE 08/05)

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### Disclaimer

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