



# Good vibrations!

New halogen lamps with quartz pinch technology



SEE THE WORLD IN A NEW LIGHT

**OSRAM**

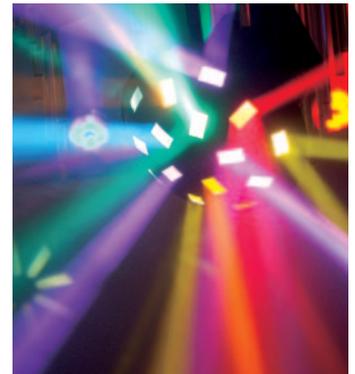


# New quartz pinch technology: brighter, tougher and safer

Reliability is such an important factor in packed nightclubs or during lengthy photo-shoots under studio lights. For many years, mains voltage halogen lamps from OSRAM have been setting the pace. Thanks to new, patented quartz pinch technology, the filament is now held directly in the bulb by quartz pinch points so it is better protected against shock and vibration. Discarding the conventional filament holder improves the quality of the lamp and therefore allows for an increase in efficiency. This provides up to 10 % more brightness. The technological advance is particularly useful for flash lamps, professional photographic and video lights, scan lights and effect lighting units. Slide projectors and epidiascopes will also benefit from greater brightness and longer life.

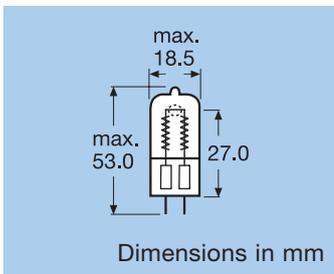
## The benefits at a glance:

- **Brighter:** up to 10 % more light
- **Tougher:** particularly stable lamp design
- **More durable:** 64513, the new long-life lamp for 120 V/300 W
- **Safer:** protection against non-passive failure thanks to integrated fuse. Meets DIN IEC 60432-2
- **More reliable:** higher quality thanks to fewer components



*Tough, reliable and safe: The new lamps are even more durable and can be used for so many different applications, for example in projection units, photographic and effect light.*

## Technical data



| Product no.              | 64505             | 64505             | 64512             | 64513              | 64514             | 64515             | 64515             | 64516             | 64516             |
|--------------------------|-------------------|-------------------|-------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| ANSI code                | -                 | -                 | FNS               | -                  | -                 | -                 | -                 | -                 | -                 |
| LIF code                 | -                 | -                 | -                 | -                  | CP/96             | -                 | -                 | CP/97             | CP/97             |
| Wattage                  | 200 W             | 200 W             | 300 W             | 300 W              | 300 W             | 300 W             | 300 W             | 300 W             | 300 W             |
| Voltage                  | 230 V             | 240 V             | 120 V             | 120 V              | 120 V             | 230 V             | 240 V             | 230 V             | 240 V             |
| Base                     | GX6.35            | GX6.35            | GX6.35            | GX6.35             | GX6.35            | GX6.35            | GX6.35            | GX6.35            | GX6.35            |
| Average life             | 25 h <sup>1</sup> | 25 h <sup>1</sup> | 15 h <sup>1</sup> | 150 h <sup>3</sup> | 75 h <sup>2</sup> | 15 h <sup>1</sup> | 15 h <sup>1</sup> | 75 h <sup>2</sup> | 75 h <sup>2</sup> |
| Luminous flux            | 5,100 lm          | 5,150 lm          | 9,300 lm          | 7,700 lm           | 8,100 lm          | 9,600 lm          | 8,900 lm          | 7,400 lm          | 7,300 lm          |
| Filament field [mm x mm] | 9.6 x 12.5        | 9.5 x 12.5        | 10 x 12.5         | 11 x 12.5          | 10.3 x 12.5       | 9.8 x 12.5        | 10 x 12.5         | 9.8 x 12.5        | 9.7 x 12.5        |
| Colour temperature       | 3,200 K           | 3,200 K           | 3,350 K           | 3,200 K            | 3,200 K           | 3,300 K           | 3,300 K           | 3,100 K           | 3,100 K           |

<sup>1</sup> 15/25 h versions – main application: prefocus light for studio flash units  
<sup>2</sup> Long-life versions – main applications: video, studio and effect luminaires  
<sup>3</sup> Super long-life version as an alternative to 64514

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