



product details

**L 36/73**

Product description: L 36/73  
 Product code: 4008321054715  
 Quantity: Sleeves (FLH) contains 1 Piece (PCE)

You can find this product in the eCatalog:

[http://catalog.myosram.com?~language=EN&~country=COM&it\\_p=4008321054715](http://catalog.myosram.com?~language=EN&~country=COM&it_p=4008321054715)

| Country specific categorizations    |                                       |  |                       |                  |
|-------------------------------------|---------------------------------------|--|-----------------------|------------------|
| SEG number                          | 8333646                               |  |                       |                  |
| Additional product data             |                                       |  |                       |                  |
| Base (standard designation) [PICOS] | G13                                   |  |                       |                  |
| Colors & materials                  |                                       |  |                       |                  |
| Bulb: Glass color                   | SCARAB BLUE                           |  |                       |                  |
| Electrical data                     |                                       |  |                       |                  |
| Nominal wattage                     | 36 W                                  |  |                       |                  |
| Construction wattage                | N/A                                   |  |                       |                  |
| Lamp voltage                        | 103 V                                 |  |                       |                  |
| Lamp current                        | 0.43 A                                |  |                       |                  |
| Dimensions & weight                 |                                       |  |                       |                  |
| Diameter                            | 26 mm                                 |  |                       |                  |
| Length                              | 1200.00 mm                            |  |                       |                  |
| Tube diameter                       | 26 mm                                 |  |                       |                  |
| Lifespan                            |                                       |  |                       |                  |
| Lifespan                            | 2000 h                                |  |                       |                  |
| Light technical data                |                                       |  |                       |                  |
| Radiated power 315...400 nm (UVA)   | 8.0 W                                 |  |                       |                  |
| Packaging units                     |                                       |  |                       |                  |
| Product code                        | Packaging type and content            | Dimensions in h x w x l                | Gross weight          | Volume           |
| 4008321054715                       | Sleeves contains 1 Piece              | 30,000 mm x 28,000 mm x 1 215,000 mm   | 228,000 g (0,000 g)   | 3,285 Cubic dec. |
| 4008321054722                       | Shipping carton box contains 20 Piece | 155,000 mm x 130,000 mm x 1 240,000 mm | 4 960,000 g (0,000 g) | 0,025 m3         |

Various materials have the ability to convert invisible ultraviolet radiation into visible light (fluorescence effect). L 18/73 and L 36/73 are lamps that emit long-wave UV radiation and therefore excite fluorescence. They are therefore ideal for all applications involving fluorescence analysis.

The lamps generate radiation only in the long-wave UV range between 300 nm and 400 nm. Visible radiation is almost completely absorbed.

#### Applications

- Material engineering: Material research with fluorescence solutions, for example for detecting hairline cracks in engine shafts
- Textile industry: Material analysis, for example the composition and nature of additives to woolen goods, detection of otherwise invisible stains and dry-cleaning marks
- Food industry: Detection of adulterated food, decayed fruit (especially oranges), meat, fish etc.
- Criminal investigation: Detection of forged banknotes, cheques and documents or their subsequent alteration (removal of blood stains, forged pictures, etc.)
- Postal service: Efficient operation of automatic letter franking, detection of forged postage stamps
- Effect lighting: Theater and stage, cabaret, shows, clubs, bars, etc.
- Other applications: Advertising and shop window decoration, agriculture (examination of seeds for example), mineralogy, examination of gem stones, art history, paleography, diagnostics, etc.



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Subject to change without notice. Errors and omission excepted.

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