



product details

L 18/73

Product description: L 18/73
 Product code: 4008321054685
 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=4008321054685

Country specific categorizations				
SEG number	8333642			
Additional product data				
Base (standard designation) [PICOS]	G13			
Colors & materials				
Bulb: Glass color	SCARAB BLUE			
Electrical data				
Nominal wattage	18 W			
Construction wattage	N/A			
Lamp voltage	57 V			
Lamp current	0.37 A			
Dimensions & weight				
Diameter	26 mm			
Length	590.00 mm			
Tube diameter	26 mm			
Lifespan				
Lifespan	2000 h			
Light technical data				
Radiated power 315...400 nm (UVA)	3.5 W			
Packaging units				
Product code	Packaging type and content	Dimensions in h x w x l	Gross weight	Volume
4008321054685	Sleeves contains 1 Piece	34,000 mm x 30,000 mm x 606,000 mm	118,000 g (0,000 g)	1,639 Cubic dec.
4008321054692	Shipping carton box contains 25 Piece	165,000 mm x 160,000 mm x 630,000 mm	3 200,000 g (0,000 g)	0,166 hl

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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