



product details

## HCI-T 100/942 NDL PB



Product description: HCI-T 100/942 NDL PB  
 Product code: 4008321907677  
 Quantity: Folding carton box (FS) contains 1 Piece (PCE)

You can find this product in the eCatalog:

[http://catalog.myosram.com?~language=EN&~country=COM&it\\_p=4008321907677](http://catalog.myosram.com?~language=EN&~country=COM&it_p=4008321907677)

Applications	
Burning position	any
Categorizations	
ILCOS	MT/UB-100/42/1A-H-G12-19/105
Certificates & Standards	
Phase out date	Phase out since April 2010. Remainder.
General Description	
Mercury-free	No
Recycling	Yes
Successor EAN	4008321523587
Rated lamp mercury content	5.9 mg
Base (standard designation)	G12
Design / version	Clear
Technical - Electrical Data	
PFC capacitor at 50 Hz	12 $\mu$ F <sup>1)</sup>
Construction wattage	96 W
Construction current	1.2 A
Nominal wattage (packaging)	100 W
Technical - Geometries	
Diameter	19 mm
Length	105.00 mm
Light center length (LCL)	56 mm
Technical - Lifespan	
Lifespan	12000 h <sup>2)</sup>
Technical - Light Technical Data	
Luminous flux	9300 lm
Color rendering index Ra	94
Color temperature	4200 K
Color rendering group	1A
Luminous efficacy	97 lm/W
Light color	942
Technical - Temperatures	
Maximum permitted outer bulb temperature	500 °C



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Packaging units				
Product code	Packaging type and content	Dimensions in h x w x l	Gross weight	Volume
4008321907677	Folding carton box contains 1 Piece	42.000 mm x 42.000 mm x 142.000 mm	42.100 g (0.000 g)	0.250 Cubic dec.
4008321185495	Shipping carton box contains 12 Piece	139.000 mm x 161.000 mm x 212.000 mm	587.200 g (0.000 g)	3.982 Cubic dec.

### HCI metal halide lamps with POWERBALL ceramic technology

POWERBALL HCI-T lamps are single-ended UV-reduced lamps. Approved for use only in enclosed luminaires.

#### Benefits of POWERBALL technology

- Very high efficiency
- Uniform distribution of light
- Excellent color rendering
- Excellent color stability
- Very good luminous flux maintenance throughout the life of the lamp
- Little dependency on burning position
- Full output available soon after switching the lamp on
- High reliability thanks in part to reduced ceramic corrosion

#### Benefits of OSRAM UV filter technology

- Reduced material load within the luminaire
- Far exceeds the requirements of IEC 61167

#### Applications

- Shop interiors, shop windows
- Shopping arcades
- Foyers, reception areas
- Museums, exhibitions
- Factories and workshops
- Exhibition halls and trade fairs
- Sports halls and multi-purpose halls
- Tunnels, underpasses
- Pedestrian zones, public squares

#### System guarantee

For more and more lamps we are offering a system guarantee in conjunction with OSRAM POWERTRONIC control gear. For further information and the terms and conditions of the guarantee go to [www.osram.com/system-guarantee](http://www.osram.com/system-guarantee).

1) at rated voltage and  $\cos \varphi \geq 0.9$

2) Average lifespan