Product family datasheet

# **OSRAM**

# ORIGINAL MINIWATT

Original spare part





### The cost-effective original spare parts

ORIGINAL MINIWATT signal lamps for cars are original spare parts with reliable OEM quality from OSRAM. The products impress with their hard-glass technology, a high and constant luminous flux as well as a high color temperature.

# Product family datasheet

## Technical data

	Electrical Data			Photom etric Data		
Product description	Power input	Nominal voltage	Nominal wattage	Power input toleranc e	Test voltage	Nominal luminou s flux
ORIGINAL MINIWATT 64111 <sup>1)</sup>	5 W	12 V	5 W	±7.5 %	13.5 V	80 lm
ORIGINAL MINIWATT 64113 <sup>1)</sup>	10 W	12 V	10 W	±7.5 %	13.5 V	200 lm
ORIGINAL MINIWATT 64115	22.5 W	12 V	20 W	±7.5 %	13.5 V	450 lm

	Physical Attribute	Physical Attributes & Dimensions			
Product description	Lamp base	Length	Diameter	Diameter	
ORIGINAL MINIWATT 64111 1)	BA9s	33.0 mm	9 mm	9 mm	
ORIGINAL MINIWATT 64113 <sup>1)</sup>	BA9s	32.0 mm	9 mm	9 mm	
ORIGINAL MINIWATT 64115	BA9s	33.0 mm	9 mm	9 mm	

	Lifetime Data		Certificates & standards	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)		
Product description	Lifespan B3	Lifespan Tc	ECE category	Primary article identifier	Candidate list substance 1	
ORIGINAL MINIWATT 64111 <sup>1)</sup>	150 hr	500 hr	-	4050300883069   4050300647258   4008321095015	No declarable substances contained	
ORIGINAL MINIWATT 64113 <sup>1)</sup>	150 hr	400 hr	-	4008321095046   4050300883090	No declarable substances contained	
ORIGINAL MINIWATT 64115	150 hr	500 hr	-	4008321095077   4050300883120	No declarable substances contained	

Product description	Declaration no. in SCIP database
ORIGINAL MINIWATT 64111 <sup>1)</sup>	No declarable substances contained
ORIGINAL MINIWATT 64113 <sup>1)</sup>	No declarable substances contained
ORIGINAL MINIWATT 64115	No declarable       substances contained

 $^{1)}\,\mathrm{Also}$  available with glass base: 6411150 or 6411350

# Product family datasheet

#### Download Data

 File

 User instruction
 GPRS\_Safety symbols instructions

### Application advice

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

#### Disclaimer

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





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