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

	Product information	General Product Information	Electrical Data		
Product description	Application (Category and Product specific)	Global order reference	Power input	Nominal voltage	Nominal wattage
ORIGINAL MINIWATT 64111 <sup>1)</sup>	Auxiliary lamp	64111	5 W	12 V	5 W
ORIGINAL MINIWATT 64113 <sup>1)</sup>	Auxiliary lamp	64113	10 W	12 V	10 W
ORIGINAL MINIWATT 64115	Auxiliary lamp	64115	22.5 W	12 V	20 W

			Photometric Data	Physical Attributes & Dimensions	
Product description	Power input tolerance	Test voltage	Nominal luminous flux	Lamp base	Length
ORIGINAL MINIWATT 64111 <sup>1)</sup>	±7.5 %	13.5 V	80 lm	BA9s	33.0 mm
ORIGINAL MINIWATT 64113 <sup>1)</sup>	±7.5 %	13.5 V	200 lm	BA9s	32.0 mm
ORIGINAL MINIWATT 64115	±7.5 %	13.5 V	450 lm	BA9s	33.0 mm

			Lifetime Data	Lifetime Data	
Product description	Diameter	Diameter	Lifespan B3	Lifespan Tc	Technology
ORIGINAL MINIWATT 64111 <sup>1)</sup>	9 mm	9 mm	150 hr	500 hr	AUX
ORIGINAL MINIWATT 64113 <sup>1)</sup>	9 mm	9 mm	150 hr	400 hr	AUX
ORIGINAL MINIWATT 64115	9 mm	9 mm	150 hr	500 hr	AUX

	Certificates & standards	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)			
Product description	ECE category	Primary article identifier	Candidate list substance 1	Declaration no. in SCIP database	
ORIGINAL MINIWATT 64111 <sup>1)</sup>	-	4050300883069   4050300647258   4008321095015	No declarable substances contained	No declarable substances contained	
ORIGINAL MINIWATT 64113 <sup>1)</sup>	-	4008321095046   4050300883090	No declarable substances contained	No declarable substances contained	
ORIGINAL MINIWATT 64115	-	4008321095077   4050300883120	No declarable substances contained	No declarable substances contained	

 $^{\mbox{1}\mbox{}}$  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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