

EU Declaration of Conformity



www.LEDVANCE.com

Document number: 2021 / 9C1-4072116-EN-01
Manufacturer: LEDVANCE GmbH
Address: Parkring 29-33
85748 Garching
Germany
Product type: HAL LOW VOLT.
Designated Product(s): see list below

We declare herewith under sole responsibility that the designated product(s) is (are) in conformity with the following European Union legislation:

Directive	Harmonised Standard(s) or Regulation(s)
2014/35/EU and amendments	EN 60432-3:2013
2009/125/EC and amendments	Commission Regulation (EU) 2019/2020 Commission Delegated Regulation (EU) 2019/2015
2011/65/EU and amendments	EN IEC 63000:2018

Garching, 06.08.2021:

Quality Management

Yannick Scheyer

Quality Assurance

Michael Hülsemann

Product Codes	Product Description
AC35298	64415 S AX 10W 12V G4
AC35299	64425 S AX 20W 12V G4
AC35300	64432 S AX 35W 12V GY6.35
AC35301	64440 S AX 50W 12V GY6.35
AC35310	64012/1 CL 20W 12V G4
AC35311	64405 S 5W 12V G4
AC35312	64408 OVEN 5W 12V G4
AC35313	64410 S AX 10W 6V G4
AC35314	64417 PRO 7W 12V G4
AC35315	64418 OVEN 10W 12V G4
AC35317	64423 PRO 14W 12V G4

AC35318	64427 S AX 20W 12V GY6.35
AC35319	64428 OVEN 20W 12V G4
AC35320	64429 PRO 25W 12V GY6.35
AC35321	64432 PRO 35W 12V GY6.35
AC35322	64440 PRO 50W 12V GY6.35
AC35323	64447 PRO 60W 12V GY6.35
AC35324	64450 S AX 75W 12V GY6.35
AC35325	64458 S AX 90W 12V GY6.35
AC35354	67416 SST 2Y 7W 12V G4
AC35355	67422 SST 2Y 14W 12V G4
AC35356	67431 SST 2Y 25W 12V GY6.35
AC35357	67433 SST 2Y 35W 12V GY6.35

DECLARATION of CONFORMITY

Substances in products

Legal Requirements & Standards for the EU-Market

Placing on the market of products is subject to specific regional (EU) or national legal requirements. Within the European Union (EU), these legal requirements are defined in EU-Regulations which are directly enforceable in the Member States or in EU-Directives which require a transformation into Member States' national legal systems. Compliance with the applicable legal requirements is obligatory for every party putting products on the EU-Market. Therefore OSRAM bears responsibility.

The following Directives and Regulations restrict the use of hazardous substances in products and packaging (see also: www.osram.com/ile):

- **Directive 2011/65/EU ("RoHS") incl. amendments**
(see also http://ec.europa.eu/environment/waste/rohs_eee/legis_en.htm
RoHS conformity is also part of the below mentioned CE labelling scheme)
- **Directive 2000/53/EC ("End-of-life vehicles – ELV")**
- **Directive 94/62/EC ("Packaging Directive")**
- **Directive 2006/66/EC ("Battery Directive")**
- **Regulation (EC) No 1907/2006 ("REACH") incl. amendments**
(see also www.osram.com/reach with information on products containing so-called
"substances of very high concern" of the [candidate list](#) in articles)

The CE mark on our products indicates conformity with Directives and Regulations covering product safety, electromagnetic compatibility and product performance. Conformity with the following and all other CE relevant regulations is attested in separate EC Declarations of Conformity:

- Directive 2014/35/EU ("Low Voltage Directive - LVD"), Recast of 2006/95/EC
- Directive 2014/30/EU ("Electromagnetic Compatibility Directive - EMC Directive") Recast of 2004/108/EC
- Directive 2009/125/EC ("Energy related Products" Framework Directive)
and its Implementing Measures:
 - Regulation (EC) No 244/2009, amended by Regulations (EC) 859/2009 and (EU) 1428/2015
 - Regulation (EC) No 245/2009, amended by Regulations (EC) 347/2010 and (EU) 1428/2015
 - Regulation (EU) No 1194/2012, amended by Regulation (EU) 1428/2015
 - Regulation (EU) No 874/2012 ("Energy Labelling"), amended by Regulation (EU) 518/2014

Postal address:
OSRAM GmbH
80920 Munich

Office address:
OSRAM GmbH
Marcel-Breuer-Strasse 6
80807 Munich

OSRAM GmbH
Munich
Chairman of the
Supervisory Board:
Peter Bauer

Managing Directors:
Dr. Olaf Berlien
(Chairman)
Ingo Bank
Dr. Stefan Kampmann

Commercial registry:
Munich HRB 201526
WEEE-Reg.-Nr. DE 71568000

OSRAM Declaration: Substances in products

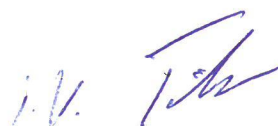
- Products delivered by OSRAM into the EU-Market today and in the future satisfy the applicable legal requirements, as well as the applicable product standards (EN/IEC).
- OSRAM installed a system within its company which ensures compliance with the applicable legal requirements. This system includes products, parts and materials procured from suppliers.
- According to Directive 2011/65/EU ("RoHS") including amendment of Annex II (2015/863/EU) OSRAM's products delivered into EU market do not contain the following substances exceeding defined maximum concentration values, unless in an application exempted by Annex of RoHS Directive (incl. amendments).

Substances / application	Maximum concentration values tolerated by weight in homogeneous materials (2011/65/EU – RoHS)
Lead (Pb)	0.1 %
Mercury (Hg)	0.1 %
Cadmium (Cd)	0.01 %
Hexavalent chromium (Cr ⁶⁺)	0.1 %
Polybrominated biphenyls (PBB) and polybrominated diphenyl ethers (PBDE)	0.1 %
Bis(2-ethylhexyl) phthalate (DEHP)	0.1 % (banned in EEE as of July 22, 2019)
Benzyl butyl phthalate (BBP)	0.1 % (banned in EEE as of July 22, 2019)
Dibutyl phthalate (DBP)	0.1 % (banned in EEE as of July 22, 2019)
Diisobutyl phthalate (DIBP)	0.1 % (banned in EEE as of July 22, 2019)

Munich, February 20th, 2019



Ute Schindhelm
Vice President
Quality Management



Dr. Dirk Toeppen
Senior Director
Environment, Health & Safety

OSRAM GmbH
Environment, Health and Safety
Briefadresse: 80920 München
Hausadresse: Marcel-Breuer-Straße 6
80807 München

OSRAM



Management Service

CERTIFICATE

The Certification Body
of TÜV SÜD Management Service GmbH

certifies that

OSRAM Opto Semiconductors GmbH

**Leibnizstraße 4
93055 Regensburg
Germany**

has established and applies
a Quality Management System for

**Design and manufacturing of
opto semiconductor wafer,
opto electronic components and displays**
(with Product Design as per Chapter 8.3).

An audit was performed and has furnished proof
that the requirements according to

IATF 16949

First Edition 2016-10-01

are fulfilled.

Issue date: **2021-08-10**

Expiry date: **2024-08-09**

Certificate Registration No.: **12 111 46091/05 TMS**

IATF Certificate No.: **0416349**

Part of the certificate is an appendix.

Head of Certification Body
Munich, 2021-08-12



Management Service

Appendix of Certificate Registration No.:
12 111 46091/05 TMS
IATF Certificate No.: 0416349

OSRAM Opto Semiconductors GmbH
Leibnizstraße 4
93055 Regensburg
Germany

The site is supported by the following remote locations:

Address	Supporting functions
OSRAM Opto Semiconductors, Inc. Kifer Road 1150 Sunnyvale, California, CA 94086 USA	Customer service, Logistics
OSRAM GmbH Marcel-Breuer-Straße 6 80807 München Germany	Policy making, Quality system management, Sales

Head of Certification Body
Munich, 2021-08-12

64225 10 W 6 V

Low-voltage halogen lamps without reflector



Areas of application

- Lamps for special luminaires
- Medical fiber optics (HLX)

Product family benefits

- Compared to standard lamps up to 10 % higher luminous efficacy (HLX)
- Instant light (HLX)

Product family features

- Xenon instead of krypton as the filler gas (XENOPHOT HLX versions)
- Luminous flux up to 10 % higher with same power consumption (XENOPHOT HLX versions)
- HLX tungsten halogen low-voltage lamp with or without reflector
- Dimmable (HLX)



Technical data

Product information

Order reference	64225
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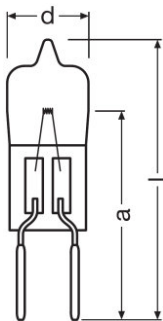
Electrical data

Nominal voltage	6 V
Nominal wattage	10.00 W

Photometrical data

Color temperature	3200 K
Nominal luminous flux	200 lm
Color rendering index Ra	100

Dimensions & weight



Diameter	9.5 mm
Length	31.0 mm
Light center length (LCL)	19.5 mm
Filament length	1.70 mm
Illuminated field	1.7*0.65 mm ²
Filament diameter	0.7 mm

Lifespan

Lifespan	100 h
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Additional product data

Base (standard designation)	G4
Minimum diameter of lamp enclosure	9 mm

Product datasheet

Capabilities

Burning position	s90
Application	Other

Country specific categorizations

ANSI code	ESA/FHS
LIF	M/29
Order reference	64225

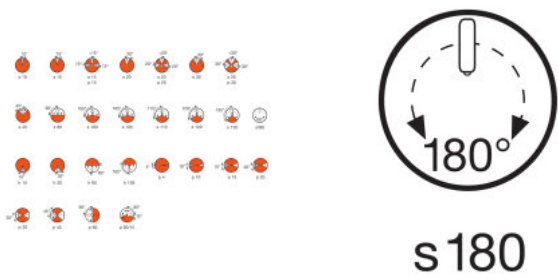
Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	24-04-2023
Primary Article Identifier	4050300006758 4055462168290
Candidate List Substance 1	No declarable substances contained
Declaration No. in SCIP database	In work

Country specific information

Product code	METEL code	SEG-No.	STK-Number	UK Org
4050300006758	OSRH64225	-	-	-
4050300006758	OSRH64225	-	-	-

Product datasheet



Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300006758	64225 10 W 6 V	Folding carton box 1	25 mm x 23 mm x 70 mm	0.04 dm ³	3.00 g
4050300890951	64225 10 W 6 V	Shipping carton box 40	144 mm x 107 mm x 121 mm	1.86 dm ³	169.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Disclaimer

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