

# EU Declaration of Conformity

# OSRAM

Document number: 2016 / 9C1-3087245-EN-02  
Manufacturer or representative: OSRAM GmbH  
Address: Marcel-Breuer-Str. 6  
80807 München  
Germany  
Brand name or trade mark: OSRAM  
Product type: Discharge lamp (excluding fluorescent lamps)  
Product designation: P-VIP lamps  
 See attached list

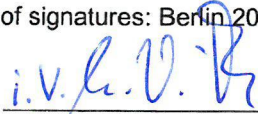
The designated product(s) is (are) in conformity with the relevant Union harmonisation legislation:

- |                                     |                                      |   |
|-------------------------------------|--------------------------------------|---|
| <input checked="" type="checkbox"/> | <b>2014/35/EU</b>                    | Directive of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits; Official Journal of the EU L96, 29/03/2014, p. 357-374)  |
| <input type="checkbox"/>            | <b>2014/30/EU</b>                    | Directive of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility; Official Journal of the EU L96, 29/03/2014, p. 79-106  |
| <input checked="" type="checkbox"/> | <b>2009/125/EC</b><br>and amendments | Directive of the European Parliament and of the Council of 21 October 2009 establishing a framework for the setting of ecodesign requirements for energy-related products   |
| <input type="checkbox"/>            | <b>244/2009</b><br>and amendments    | Commission Regulation (EC) implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for non-directional household lamps  |
| <input type="checkbox"/>            | <b>245/2009</b><br>and amendments    | Commission Regulation (EC) implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for fluorescent lamps without integrated ballast, for high intensity discharge lamps, and for ballasts and luminaires able to operate such lamps, and repealing Directive 2000/55/EC of the European Parliament and of the Council |
| <input checked="" type="checkbox"/> | <b>1194/2012</b><br>and amendments   | Commission Regulation (EU) No 1194/2012 of 12 December 2012 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for directional lamps, light emitting diode lamps and related equipment  |
| <input checked="" type="checkbox"/> | <b>2011/65/EU</b><br>and amendments  | Directive of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment; Official Journal of the EU L174, 1/07/2011, p. 88-110  |
| <input type="checkbox"/>            | <b>1999/5/EC</b><br>and amendments   | Directive of the European Parliament and of the Council of 9 March 1999 on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity (applicable until 2017-06-12)   |
|                                     | <b>2014/53/EU</b>                    | Directive of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC (applicable from 2016-06-13)<br>Official Journal of the 2015/ C226/ 07   |

Last two digits of the year in which the CE marking was affixed: 16

Place and date of signatures: Berlin 20.04.2016

Signatures:

  
\_\_\_\_\_  
BU/Segment Head

  
\_\_\_\_\_  
Quality Region/Segment Head

Names: Michael Willacker

Claudia Piontek

Customer service contact: OSRAM GmbH, Steinerne Furt 62, 86167 Augsburg, Deutschland

This declaration of conformity is issued under the sole responsibility of the manufacturer or representative. It certifies compliance with the indicated Directives, but implies no warranty of properties.

# EU Declaration of Conformity

## Annex

Document number: 2016 / 9C1-3087245-EN-02

The conformity of the designated product(s) with the provisions of the European **Low Voltage Directive** is given by the compliance with the following European Standard(s) or other specifications. If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

- |                          |  |   |
|--------------------------|--|---|
| <input type="checkbox"/> | <b>EN 60155:</b><br>1995 + A1:1995 + A2:2007   | Glow-starters for fluorescent lamps   |
| <input type="checkbox"/> | <b>EN 60432-1:</b><br>2000 + A1:2005 + A2:2012                                       | Incandescent lamps — Safety specifications — Part 1: Tungsten filament lamps for domestic and similar general lighting purposes |
| <input type="checkbox"/> | <b>EN 60432-2:</b><br>2000 + A1:2005 + A2:2012                                       | Incandescent lamps — Safety specifications — Part 2: Tungsten halogen lamps for domestic and similar general lighting purposes  |
| <input type="checkbox"/> | <b>EN 60432-3:</b><br>2013   | Incandescent lamps — Safety specifications — Part 3: Tungsten halogen lamps (non-vehicle)                                       |
| <input type="checkbox"/> | <b>EN 60598-1:</b><br>2015   | Luminaires — Part 1: General requirements and tests   |
| <input type="checkbox"/> | <b>EN 60598-2-1:</b><br>1989   | Luminaires — Part 2-1: Particular requirements — Fixed general purpose luminaires   |
| <input type="checkbox"/> | <b>EN 60598-2-2:</b><br>2012   | Luminaires — Part 2-2: Particular requirements — Recessed luminaires  |
| <input type="checkbox"/> | <b>EN 60598-2-3:</b><br>2003 + A1:2011   | Luminaires — Part 2-3: Particular requirements — Luminaires for road and street lighting  |
| <input type="checkbox"/> | <b>EN 60598-2-4:</b><br>1997   | Luminaires — Part 2-4: Particular requirements — Portable general purpose luminaires  |
| <input type="checkbox"/> | <b>EN 60598-2-5:</b><br>1998   | Luminaires — Part 2-5: Particular requirements — Floodlights  |
| <input type="checkbox"/> | <b>EN 60598-2-6:</b><br>1994 + A1:1997   | Luminaires — Part 2-6: Particular requirements — Luminaires with built-in transformers for filament lamps                       |
| <input type="checkbox"/> | <b>EN 60598-2-7:</b><br>1989 + A2:1996 + A13:1997                                    | Luminaires — Part 2-7: Particular requirements — Portable luminaires for garden use   |
| <input type="checkbox"/> | <b>EN 60598-2-8:</b><br>2013   | Luminaires — Part 2-8 : Particular requirements — Handlamps   |
| <input type="checkbox"/> | <b>EN 60598-2-10:</b><br>2003  | Luminaires — Part 2-10: Particular requirements — Portable luminaires for children  |
| <input type="checkbox"/> | <b>EN 60598-2-12:</b><br>2013  | Luminaires — Part 2-12: Particular requirements — Mains socket-outlet mounted nightlights                                       |
| <input type="checkbox"/> | <b>EN 60598-2-13:</b><br>2012  | Luminaires — Part 2-13: Particular requirements — Ground recessed luminaires  |
| <input type="checkbox"/> | <b>EN 60598-2-20:</b><br>2010  | Luminaires — Part 2-20: Particular requirements — Lighting chains   |
| <input type="checkbox"/> | <b>EN 60598-2-22:</b><br>2014  | Luminaires — Part 2-22: Particular requirements — Luminaires for emergency lighting   |
| <input type="checkbox"/> | <b>EN 60950-1:</b> 2006 +<br>A11:2009 + A1:2010 +<br>A12:2011 + AC:2011 +<br>A2:2013 | Information technology equipment – Safety – Part 1: General requirements  |
| <input type="checkbox"/> | <b>EN 60968:</b><br>2013 + A11:2014  | Self-ballasted lamps for general lighting services — Safety requirements  |
| <input type="checkbox"/> | <b>EN 61195:</b><br>1999 + A1:2013   | Double-capped fluorescent lamps — Safety specifications   |

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The conformity of the designated product(s) with the provisions of the European **Low Voltage Directive** is given by the compliance with the following European Standard(s) or other specifications. If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

- |                          |   |   |
|--------------------------|---|---|
| <input type="checkbox"/> | <b>EN 61199:</b><br>2011 + A1:2013  | Single-capped fluorescent lamps — Safety specifications   |
| <input type="checkbox"/> | <b>EN 61347-1:</b><br>2015  | Lamp controlgear — Part 1: General and safety requirements  |
| <input type="checkbox"/> | <b>EN 61347-2-1:</b><br>2001 + Corr. 2003 +<br>A1:2006 + Corr. 2006 +<br>Corr. 2010 + A2:2014 | Lamp controlgear — Part 2-1: Particular requirements for starting devices (other than glow starters)  |
| <input type="checkbox"/> | <b>EN 61347-2-2:</b><br>2012  | Lamp controlgear — Part 2-2: Particular requirements for d. c. or a. c. supplied electronic step-down convertors for filament lamps   |
| <input type="checkbox"/> | <b>EN 61347-2-3:</b><br>2011 + Corr. 2011   | Lamp controlgear — Part 2-3: Particular requirements for a. c. and/or d. c. supplied electronic ballasts for fluorescent lamps  |
| <input type="checkbox"/> | <b>EN 61347-2-7:</b><br>2012  | Lamp controlgear — Part 2-7: Particular requirements for battery supplied electronic controlgear for emergency lighting (self-contained)                                      |
| <input type="checkbox"/> | <b>EN 61347-2-8:</b><br>2001 + Corrigendum:<br>2003+ A1:2006<br>+ Corrigendum:2010            | Lamp controlgear — Part 2-8: Particular requirements for ballasts for fluorescent lamps   |
| <input type="checkbox"/> | <b>EN 61347-2-9:</b><br>2013  | Lamp controlgear — Part 2-9: Particular requirements for ballasts for discharge lamps (excluding fluorescent lamps)   |
| <input type="checkbox"/> | <b>EN 61347-2-10:</b><br>2001 + A1:2009 +<br>Corrigendum:2010                                 | Lamp controlgear — Part 2-10: Particular requirements for electronic invertors and convertors for high-frequency operation of cold start tubular discharge lamps (neon tubes) |
| <input type="checkbox"/> | <b>EN 61347-2-11:</b><br>2001 + Corrigendum:2002 +<br>Corrigendum:2010                        | Lamp controlgear — Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires  |
| <input type="checkbox"/> | <b>EN 61347-2-12:</b><br>2005 + A1:2010 +<br>Corr.2010  | Lamp controlgear — Part 2-12: Particular requirements for d. c. or a. c. supplied electronic ballasts for discharge lamps (excluding fluorescent lamps)                       |
| <input type="checkbox"/> | <b>EN 61347-2-13:</b><br>2014   | Lamp controlgear — Part 2-13: Particular requirements for d. c. or a. c. supplied electronic controlgear for LED modules  |
| <input type="checkbox"/> | <b>EN 61549:</b><br>2003 + A1:2005 + A2:2010<br>+ A3:2012                                     | Miscellaneous lamps   |
| <input type="checkbox"/> | <b>EN 62031:</b><br>2008 + A1:2013 + A2:2015  | LED modules for general lighting — Safety specifications  |
| <input type="checkbox"/> | <b>EN 62034:</b><br>2012  | Automatic test systems for battery powered emergency escape lighting  |
| <input type="checkbox"/> | <b>EN 62035:</b><br>2000 + A1:2003 + A2:2012  | Discharge lamps (excluding fluorescent lamps) — Safety specifications   |
| <input type="checkbox"/> | <b>EN 62368-1:</b> 2014 + AC:<br>2015   | Audio/video, information and communication technology equipment – Part 1: Safety requirements   |

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The conformity of the designated product(s) with the provisions of the European **Low Voltage Directive** Directive is given by the compliance with the following European Standard(s) or other specifications. If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

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- |                          |  |   |
|--------------------------|--|---|
| <input type="checkbox"/> | <b>EN 62493:</b><br>2015                     | Assessment of lighting equipment related to human exposure to electromagnetic fields  |
| <input type="checkbox"/> | <b>EN 62532:</b><br>2011                     | Fluorescent induction lamps — Safety specifications   |
| <input type="checkbox"/> | <b>EN 62560:</b><br>2012 + A1:2015 + AC:2015 | Self-ballasted LED-lamps for general lighting services by voltage > 50 V — Safety specifications  |
| <input type="checkbox"/> | <b>EN 60669-2-1:</b><br>2004+A12009          | Switches for household and similar fixed electrical installations - Part 2-1: Particular requirements - Electronic switches (IEC 60669-2-1:2002, modified) / Corrected and reprinted in 2007-12 |
| <input type="checkbox"/> | <b>EN 62471:</b><br>2008                     | Photobiological safety of lamps and lamp systems  |
| <input type="checkbox"/> | <b>EN 62733:</b><br>2015                     | Programmable components in electronic lamp controlgear  |

## EU Declaration of Conformity Annex

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The conformity of the designated product(s) with the provisions of the European **eco design (ERP) Directive** is given by the compliance with the following European Standard(s). If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

- |                          |  |   |
|--------------------------|--|---|
| <input type="checkbox"/> | <b>EN 50294:</b><br>1998 + A1:2001 + A2:2003 | Measurement method of total input power of ballast-lamp circuits  |
| <input type="checkbox"/> | <b>EN 62442-1:</b> 2011                      | Energy performance of lamp controlgear - Part 1: Controlgear for fluorescent lamps - Method of measurement to determine the total input power of controlgear circuits and the efficiency of the controlgear |
| <input type="checkbox"/> | <b>EN 62442-2:</b> 2014                      | Energy performance of lamp controlgear – Part 2: Controlgear for high intensity discharge lamps (excluding fluorescent lamps) – Method of measurement to determine the efficiency of the controlgear        |
|                          | <b>EN 62442-3:</b><br>2014                   | Energy performance of lamp controlgear – Part 3: Controlgear for halogen lamps and LED modules – Method of measurement to determine the efficiency of the controlgear                                       |
| <input type="checkbox"/> |  |   |

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The conformity of the designated product(s) with the provisions of the European Directive **RoHS** is given by the compliance with the following European Standard(s) or other specifications. If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

- |                                     |                       |  |
|-------------------------------------|-----------------------|--|
| <input checked="" type="checkbox"/> | <b>EN 50581:</b> 2012 | Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances |
| <input type="checkbox"/>            |                       |  |

## EU Declaration of Conformity Attached list

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### Risk analysis

Risikanalysis glassplitter\_neu.xls

Risikanalysis verbrennung\_neu.xls

Risikanalysis electrical\_neu3.xls

Risikanalysis strahlung\_neu.xls

Risikanalysis Quecksilber\_neu1.xls

ZPA 2826875 000 00

IC	Description	
A53512000HM	P-VIP 165/1.0 E17.6 VS60	OSRAM
A63923400HM	P-VIP 165/1.0 E17.6A VS60	OSRAM
AA3704500HM	P-VIP 180/0.8 E17.6 VS60	OSRAM
A74738600HM	P-VIP 180/0.8 E20.8 FC VS60	OSRAM
A74738601HM	P-VIP 180/0.8 E20.8 FC VS60	OSRAM
A72035A00HM	P-VIP 180/0.8 E20.8 HB VS60	OSRAM
A59988900HM	P-VIP 180/0.8 E20.8 VS60	OSRAM
AB3913100HM	P-VIP 180/0.8 E20.8A VS60	OSRAM
A63866C00HM	P-VIP 180/1.0 E20.6A VS60	OSRAM
AA3879500HM	P-VIP 190/0.8 E20.8 BL VS60	OSRAM
AA6942700HM	P-VIP 190/0.8 E20.8 HE VS60	OSRAM
AA3371200HM	P-VIP 190/0.8 E20.8 VS60	OSRAM
AA4207200HM	P-VIP 190/0.8 E20.8 VS60 BL RF	OSRAM
AA7082900HM	P-VIP 190/0.8 E20.9 HE VS60	OSRAM
AA5094700HM	P-VIP 190/0.8 E20.9N VS60	OSRAM
AB3547100HM	P-VIP 195/0.8 E20.7 VS60	OSRAM
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A51871D01HM	P-VIP 200/1.0 E19A VS60	OSRAM
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A74761100HM	P-VIP 200/1.0 E50 VS60	OSRAM
AA3907400HM	P-VIP 200/1.0 E54 VS60	OSRAM
A59162600HM	P-VIP 200/1.0 P21.5 VS50	OSRAM
A50331E01HM	P-VIP 200W/1.0 E20.6N VS60	OSRAM
AA5557000HM	P-VIP 210-140/0.8 E19.4A VS60	OSRAM
AA6426600HM	P-VIP 210/0.8 E20.9 HE VS60	OSRAM
AA4009000HM	P-VIP 210/0.8 E20.9N VS60	OSRAM
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A72004F01HM	P-VIP 220/1.0 E20.8 EDU VS60	OSRAM

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AB3913500HM	P-VIP 230/0.8 E20.8A VS60	OSRAM
A68095100HM	P-VIP 230/0.8 E20.8NE VS60	OSRAM
AA3714600HM	P-VIP 230/1.0 E50 VS60	OSRAM
A73765C00HM	P-VIP 240/0.8 E20.8 FC VS60	OSRAM
AA3099900HM	P-VIP 240/0.8 E20.8 FC VS60	OSRAM
AA6540300HM	P-VIP 240/0.8 E20.8 HE VS60	OSRAM
AA6426700HM	P-VIP 240/0.8 E20.9 HE VS60	OSRAM
AA7661400HM	P-VIP 240/0.8 E20.9N DA VS60	OSRAM
AB3237500HM	P-VIP 240/0.8 E20.9N Q VS60	OSRAM
AA7893200HM	P-VIP 240/0.8 E20.9N S VS60	OSRAM
AA4009100HM	P-VIP 240/0.8 E20.9N VS60	OSRAM
AA5557100HM	P-VIP 245-170/0.8 E19.4A VS60	OSRAM
AA4121500HM	P-VIP 245-300/1.1 E21.7 VS50	OSRAM
A41423403HM	P-VIP 250/1.0 P22 VS50	OSRAM
AA6282700HM	P-VIP 250/1.0 P22A AM VS50	OSRAM
A53073A01HM	P-VIP 250/1.3 CE21.5 VS30	OSRAM
A70251100HM	P-VIP 250/1.3 CE21.5A VS30	OSRAM
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A54619101HM	P-VIP 250/1.3 P22A VS50	OSRAM
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A53534E00HM	P-VIP 260/1.0 E20.6D VS60	OSRAM
AA4132400HM	P-VIP 264-330/1.3 E21.7 VS50	OSRAM
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A72811900HM	P-VIP 280/0.9E20 6E GEN2 VS60	OSRAM
A73237400HM	P-VIP 280/0.9E20.9EGEN2 VS60	OSRAM
A56237D00HM	P-VIP 280/1.0 CE20.6 VS60	OSRAM
A63682200HM	P-VIP 280/1.0 CE20.6 VS60	OSRAM
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A54163B00HM	P-VIP 280/1.0 E20.6B VS60	OSRAM
A56179800HM	P-VIP 280/1.0 E20.6D VS60	OSRAM
A69699F00HM	P-VIP 300 VS50	OSRAM
AA3177500HM	P-VIP 300/1.0 E20.8 VS60	OSRAM
AA3177600HM	P-VIP 300/1.0 E20.9N VS60	OSRAM
A62919F00HM	P-VIP 300/1.3 E21.6A VS60	OSRAM

A56950A01HM	P-VIP 300/1.3 E21.8A VS50	OSRAM
A48253702HM	P-VIP 300/1.3 E21.8E VS50	OSRAM
AB3314900HM	P-VIP 300/1.3 P22.5 CC VS50	OSRAM
AA3521600HM	P-VIP 300/1.3 P22.5 RC VS50	OSRAM
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A59185100HM	P-VIP 300/1.3 P22.5 VS50	OSRAM
A48288303HM	P-VIP 300/1.3 P22.5E VS50	OSRAM
A60267200HM	P-VIP 330/1.0 E20.9 VS60	OSRAM
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A63412D00HM	P-VIP 330/1.0 E20.9C VS60	OSRAM
A74837000HM	P-VIP 330/1.0 E20.9C VS60	OSRAM
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AA4372500HM	P-VIP 330/1.0 E20.9N CUT VS60 HP	OSRAM
AA6696400HM	P-VIP 330/1.0 E20.9N HP VS60	OSRAM
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AA4150200HM	P-VIP 330/1.0 P22.5 VS50	OSRAM
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AA6690400HM	P-VIP HAR S 400 JST 2XBT50	OSRAM
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A53527800HM	P-VIP150-180/1.0 E20.6 VS60	OSRAM
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A73211600HM	P-VIP150-180/1.0 E22R CF VS50	OSRAM
A55506000HM	P-VIP150-180/1.0 E22R VS50	OSRAM
A72109200HM	P-VIP150-180/1.0 E22RA VS50	OSRAM
AB3472900HM	P-VIP170/1.0 E50 G2 VS60	OSRAM
A74760300HM	P-VIP170/1.0 E50 VS60	OSRAM
AA3907300HM	P-VIP170/1.0 E54 VS60	OSRAM
A53748600HM	P-VIP180-230/1.0 CE20.6 VS60	OSRAM
A51872900HM	P-VIP180-230/1.0 E19.5 VS50	OSRAM
A51872901HM	P-VIP180-230/1.0 E19.5 VS50	OSRAM



A49490E02HM	P-VIP180-230W/1.0 E20.6 VS60	OSRAM
AA4197400HM	P-VIP200-230/0.9 E20.8 ULL VS60 EN	OSRAM
AB3258900HM	P-VIP200-230/0.9E20.8ULL HB VS60 EN	OSRAM
AA5918800HM	P-VIP215-140/0.8 E20.8 VS60	OSRAM
AB3067600HM	P-VIP245-310/1.0 E20.9 VS60	OSRAM
AA7389900HM	P-VIP264-330/1.0 E19.7 VS50	OSRAM
AA7519600HM	P-VIP300-264/1.3 E21.9 VS60	OSRAM
AA7519900HM	P-VIP330-264/1.3 E19.9 VS50	OSRAM
AA7519800HM	P-VIP330-264/1.3 E21.9 VS60	OSRAM
AB3740800HM	P-VIP330-370/1.0 E20.9N CUT VS60	OSRAM
AB3740700HM	P-VIP330-370/1.0 E20.9N VS60	OSRAM
AB4294100HM	P-VIP 200/1.0 E50 GEN2 VS60	OSRAM
AB4294000HM	P-VIP 230/1.0 E50 GEN2 VS60	OSRAM

