

CERTIFICATE OF COMPLIANCE

Certificate Number 20150508-E98049
Report Reference E98049-20080405
Issue Date 2015-MAY-08

Issued to: BENDER & WIRTH GMBH & CO
VOLMESTRASSE 161
58566 KIERSPE GERMANY

**This is to certify that
representative samples of**

COMPONENT - LAMPHOLDERS, MISCELLANEOUS
USR/CNR: Component, Miscellaneous Lampholder. Cat.
Nos.: 989

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.


Standard(s) for Safety: UL 496 Lampholders
CSA-C22.2 No. 43 Lampholders

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Recognized components are incomplete in certain constructional features or restricted in performance
capabilities and are intended for use as components of complete equipment submitted for investigation rather
than for direct separate installation in the field. The final acceptance of the component is dependent upon its
installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please
contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



Certificate of Compliance

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Report Reference **E98049, 2008 April 5**
Issue Date **2008 April 8**

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Issued to: **BENDER & WIRTH GMBH & CO**
Volmestrasse 161
58566 Kierspe 1, Germany



This is to certify that representative samples of **Component - Lampholders, Miscellaneous**
Cat. Nos.: 989

Have been investigated by Underwriters Laboratories Inc.® (UL) or any authorized licensee of UL in accordance with the Standard(s) indicated on this Certificate..

Standard(s) for Safety: **UL 496 - Lampholders - Twelfth Edition**
CAN/CSA C22.2 No. 43 - Lampholders - Fifth Edition

Additional Information: **See Addendum for Ratings**

Only those products bearing the UL Recognized Component Marks for the U.S. and Canada should be considered as being covered by UL's Recognition and Follow-Up Service and meeting the appropriate U.S. and Canadian requirements.

The UL Recognized Component Mark for the U.S. generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark: , may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions. The UL Recognized Component Mark for Canada consists of the UL Recognized Mark for Canada:  and the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory.

Look for the UL Recognized Component Mark on the product

Issued by: **Jesus Serrano**
Jesus Serrano, Engineer Project Associate
Underwriters Laboratories Inc.

Reviewed by: **Gianluigi Colonna**
Gianluigi Colonna, Project Engineer
Underwriters Laboratories Inc.

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This is to verify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

ELECTRICAL RATINGS:

MODEL	LAMP BASE	RATED VOLTAGE	RATED CURRENT
989	G3.9, G5.3 and GX5.3	250 V	12.5 A

Issued by: **Jesus Serrano**
Jesus Serrano, Engineer Project Associate
Underwriters Laboratories Inc.

Reviewed by: **Gianluigi Colonna**
Gianluigi Colonna, Project Engineer
Underwriters Laboratories Inc.

DESCRIPTION

PRODUCT COVERED:

USR/CNR: Component, Miscellaneous Lampholder. Cat. Nos.: 989.

GENERAL CHARACTER AND USE:

Model 989 covered by this report is intended for use with Type G3.9, G5.3 and GX5.3 bi-pin halogen lamps.

ELECTRICAL RATINGS:

MODEL	LAMP BASE	RATED VOLTAGE	RATED CURRENT
989	G3.9, G5.3 and GX5.3	250 V	12.5 A

ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

USR - indicates investigation to Underwriters Laboratories Standard UL 496, 12th edition.

CNR - Indicates investigation to Canadian Standard CAN/CSA-C22.2 No.43, 5th edition.

Use - The devices covered by this Report are for use only in complete equipment where the suitability of the combination is determined by Underwriters Laboratories Inc. The following should be determined in the end-use product.

Conditions of Acceptability:

The following Conditions of Acceptability shall be determined to comply in the end-use application.

1. The suitability of the mounting means shall be determined in the end product evaluation.
2. The model 989 is provided with minimum 20AWG and maximum 16AWG leads. Version provided with 20 AWG silicon leads was subjected a 20 lbf Security Test of Lampholder Leads. The suitability of other lead sizes shall be verified in the end product evaluation.
3. The devices have to be used within their electrical ratings.
4. Spacing of live part shall meet the spacing requirements of the equipment in which this device used.
5. All live parts shall be suitably enclosed in the end use application.
6. This lampholder is for dry locations only.
7. The suitability of the lampholder leads with respect to capacity shall be determined in end-use.