

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20150508-E98049  
**Report Reference** E98049-20011012  
**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 - Lampholders, Miscellaneous,  
Cat. No. 969 and 837.

USR indicates investigated to U.S. requirements, UL  
496.

CNR indicates investigated to Canadian  
requirements, C22.2 No. 43.

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](http://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/>



## DESCRIPTION

## PRODUCT COVERED:

(USR/CNR) Component - Lampholders, Miscellaneous, Cat. No. 969 and 837.

USR indicates investigated to U.S. requirements, UL 496.

CNR indicates investigated to Canadian requirements, C22.2 No. 43.

## GENERAL CHARACTER AND USE:

**These devices are** intended for photo-optic lamps, Osram Type HPL, Ultra Plus MCF.

## ELECTRICAL RATING:

250 V, 16 A

## ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

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 ascertain in the end-use product.

## Conditions of Acceptability -

1. Spacings of live parts to dead-metal shall be determined. **Min spacing is 1.2 mm.**
2. The suitability of the lampholder leads with respect to capacity shall be determined in end-use.
3. 20 AWG minimum leads accepted based on 180°C minimum temperature rating.

## CONSTRUCTION DETAILS:

The general design, shape and arrangement shall be as shown except where variations are specifically described. All dimensions are approximate unless otherwise indicated.

Spacings - Min 1.2 mm through air and over surface between uninsulated live parts of opposite polarity and between uninsulated live parts and dead-metal parts.

Corrosion Protection - All ferrous metal parts are protected from corrosion by painting, plating or the equivalent.

Marking - R/C name or trademark and electrical ratings on device or catalog number and electrical rating on shipping carton.