

CERTIFICATE OF COMPLIANCE

Certificate Number 20150508-E98049
Report Reference E98049-20041222
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. 847 and 869.

USR indicates investigated to US 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 22.2 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

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contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



DESCRIPTION

PRODUCT COVERED:

(USR/CNR) Component - Lampholders, Miscellaneous, Cat. No. 847 and 869.

USR indicates investigated to US requirements, UL 496.

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

GENERAL:

These devices are intended for use with electric discharge lamps.

RATINGS:

Electrical Ratings -

Cat. No.	Voltage	Amperage	Wattage	Pulse rated
847	500 V	2 A	250 W	5 kV
869	250 V	2 A	250 W	4 kV

ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

Use - For use only in products where the acceptability of the combination of component and end-use product is determined by Underwriters Laboratories Inc.

Conditions of Acceptability - The end-use application shall comply with the following conditions:

1. The suitability of the mounting means shall be determined in the end use. For lamp supported mounting, a 4mm insulation distance must be maintained around the lampholder body. No screws or rivets may be used for mounting if Bender & Wirth cap Cat No 844 is not employed.
2. The Cat No. 847 lampholders were subjected to a 20 lb. lead pull test.
3. These lampholders are for dry locations only.
- * 4. Cat. No. 869, When lampholder is Mounted to a surface (**Optional cap Cat. No. 844 can be** employed) the surface temperature may not exceed 220 degrees.
5. The Cat. No. 869 Lampholder leads were subjected to a 6 lb Lead Pull Test.

CONSTRUCTION DETAILS:

The general design, shape and arrangement shall be as described and/or illustrated in the following figures except where variations are specifically described.

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

Spacings -

For Cat No. 847 Min spacing of 3.2 mm (1/8 in) are provided through air and over surface between uninsulated live parts of opposite polarity and between uninsulated live parts and dead-metal parts.

For Cat No. 869 Min spacing of 1.2 mm (3/8 in) are provided through air and over surface between uninsulated live parts of opposite polarity and between uninsulated live parts and dead-metal parts.

Markings - Recognized Company's name or Trademark, and Cat. No. on device, electrical ratings on device or smallest shipping carton.

Additional requirements for model 847

Cautionary Markings - Provided on stuffer sheet, or smallest unit packaging.

Marking shall be easily legible.

WARNING - RISK OF ELECTRIC SHOCK -

For screw mounting, the Bender & Wirth lampholder cap model 844 must be used.

Or

For lamp supported mounting a minimum air clearance of 4 mm is required around the lampholder body.