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Underwriters
Laboratories

File E193434

Vol 2

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FOLLOW-UP SERVICE PROCEDURE
(TYPE R)

COMPONENT - LAMP HOLDERS, MEDIUM BASE
(ONHR2, ONHR8)

Manufacturer: RUI CHENG ELECTRICAL PART FACTORY
(511706-001) YIFENGYI VLG JIDONGER
XIAOLAN TOWN
ZHONGSHAN,
GUANGDONG 528416 CHINA

Applicant: SAME AS MANUFACTURER
(511706-001)

Recognized Company: SAME AS MANUFACTURER
(511706-001)

This Procedure authorizes the above manufacturer to use the marking specified by Underwriters Laboratories Inc.(UL), or any authorized licensee of UL, only on products covered by this Procedure, in accordance with the applicable UL Services Agreement.

The prescribed Mark or Marking shall be used only at the above manufacturing location on such products which comply with this Procedure and any other applicable requirements.

The Procedure contains information for the use of the above named Manufacturer and representatives of Underwriters Laboratories Inc. and is not to be used for any other purpose. It is lent to the Manufacturer with the understanding that it is not to be copied, either wholly or in part, and that it will be returned to Underwriters Laboratories Inc. (UL) or any authorized licensee of UL, upon request.

This PROCEDURE, and any subsequent revision, is the property of Underwriters Laboratories Inc.(UL) and the authorized licensee of UL and is not transferable.

Underwriters Laboratories Inc.

Stephen Hewson
Senior Vice President
Global Follow-Up Service Operations

William R. Carney
Director
North American Certification Program

(FILE IMMEDIATELY AFTER AUTHORIZATION PAGE)

LISTING MARK

The Listing Mark consists of four elements placed in close proximity and shall appear on Listed products only. Minimum size is not specified, as long as the Listing Mark is legible. The following is suggested.



XXXX = The control number assigned by UL, 50ZF.

The minimum height of the registered trademark symbol ® shall be 3/64 of an inch. When the overall diameter of the UL Mark is less than 3/8 of an inch, the trademark symbol may be omitted if it is not legible to the naked eye.

The product identity is: "LAMPHOLDER", "ELECTRIC DISCHARGE LAMPHOLDER", "ADAPTER", "LAMPHOLDER ADAPTER", "MINIATURE LAMPHOLDER", "INTERMEDIATE LAMPHOLDER", "MEDIUM LAMPHOLDER", "MOGUL LAMPHOLDER", "MISCELLANEOUS LAMPHOLDER", "INCANDESCENT LAMPHOLDER" or other appropriate product identities.

The product identity may be omitted if the Mark is directly and permanently applied to the product by stamping, molding, ink-stamping, silk screening or similar process. The product identity may appear elsewhere on the product if the other three elements are part of the nameplate which includes the rating or the catalog or model designation.

Separable Listing Mark (not part of a nameplate and in the form of decals, stickers or labels) will always include the four elements.

The complete four element Listing Mark will appear on the smallest unit container in which the product is packaged when the product is of such a size that only the UL Symbol can be applied to the product or when the product size, shape, material or surface texture makes it impossible to apply any legible marking to the product.

The manufacturer may reproduce the Mark or obtain it from a UL authorized supplier.

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LISTING MARK

The Listing Mark consists of four elements placed in close proximity and shall appear on Listed products only. Minimum size is not specified, as long as the Listing Mark is legible. The following is suggested. (If only Canadian coverage is authorized, use only the C-UL Symbol).

UL Symbol to the left and the C-UL Symbol to the right.



Alternatively, the Canadian/US Mark may be used. The UL Symbol with "C" to the left and "US" to the right.



XXXX = The control number assigned by UL, 50ZF.

The minimum height of the registered trademark symbol ® shall be 3/64 of an inch. When the overall diameter of the UL Mark is less than 3/8 of an inch, the trademark symbol may be omitted if it is not legible to the naked eye.

The product identity is: "LAMPHOLDER", "ELECTRIC DISCHARGE LAMPHOLDER", "ADAPTER", "LAMPHOLDER ADAPTER", "MINIATURE LAMPHOLDER", "INTERMEDIATE LAMPHOLDER", "MEDIUM LAMPHOLDER", "MOGUL LAMPHOLDER", "MISCELLANEOUS LAMPHOLDER", "INCANDESCENT LAMPHOLDER" or other appropriate product identities along with the French translation "DOUILLE".

The product identity may be omitted if the Mark is directly and permanently applied to the product by stamping, molding, ink-stamping, silk screening or similar process. The product identity may appear elsewhere on the product if the other three elements are part of the nameplate which includes the rating or the catalog or model designation.

Separable Listing Mark (not part of a nameplate and in the form of decals, stickers or labels) will always include the four elements.

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DESCRIPTION

PRODUCT COVERED:

* USL/CNL Lampholder Model E26-104.

ELECTRICAL RATINGS:

660 W, 250 V

ENGINEERING CONSIDERATIONS (NOT FOR INSPECTOR USE):

The devices covered by this report are phenolic-body, medium base lampholders. The screwshell is of unplated aluminum or copper and is not intended for applications involving outdoor locations or infrared lamps or similar equipment.

USL indicates the products have been investigated to the Standard for Edison-Base Lampholders, UL 496.

CNL indicates the products have been investigated to the Canadian Standard for Lampholders, 22.2. No. 43.

CONSTRUCTION DETAILS:

Spacings - Minimum 1.2 mm between uninsulated live-metal parts of opposite polarity and between uninsulated live-metal parts and dead-metal parts.

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

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<u>Section</u>	<u>Products Covered</u>	<u>USL</u>	<u>CNL</u>	<u>Report Date</u>
1	Medium Base Lampholder, Model E27-104	X	X	1998-08-19
2	Medium Base Lampholders, Models E27-301 and E27-401	X	X	1998-09-02
3	Medium Base Lampholder, Model RS-1905	X	X	2003-05-23
4	Medium Base Lampholders, Models RS-1902 and RS-1904	X	X	2004-10-19

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ILLUSTRATIONS:

The following illustrations are included:

<u>Ill No.</u>	<u>Descriptions</u>
1	Dimensions drawing for Models RS-1901 and RS-1901-1
2	Dimensions drawing for Models RS-1903 and RS-1903-1

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

ILLUSTRATIONS:

The following illustrations are included:

Ill No.	Descriptions
1	Dimensions of Lampholder Body and Interior for Model RS-1902
2	Dimensions of Lampholder Body and Interior for Model RS-1904
3	Dimensions of Screwshell for Models RS-1902 and RS-1904 and Center Contact for Model RS-1904
4	Dimensions of Lampholder Interior for Model RS-1902-1
5	Dimensions of Lampholder Interior for Model RS-1904-1
6	Dimensions of Screwshell and Center Contact for Models RS-1902-1 and RS-1904-1
7	Dimensions of Outer Shell (Lampholder Body) for Models RS-1902-1 and RS-1904-1

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

MODEL DIFFERENCE:

Models RS-1902-1 and RS-1904-1 are identical to Models RS-1902 and RS-1904 respectively except outer shell material (Lampholder Body)

DESCRIPTION

PRODUCT COVERED:

USL/CNL Medium Base Lampholder, models RS-1905 & RS-1905-1

GENERAL:

The devices covered by this report are for dry location only.

RATINGS:

250 VAC, 660 W.

ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

USL - Indicates investigation to United States Standard UL 496.

CNL - Indicates investigation to Canadian Standard CAN/CSA-C22.2 No.
43-M.

CONSTRUCTION DETAILS:

The details of construction are covered by the following descriptive sections.

Spacings - Minimum 3.2 mm (1/8 in) over air and over surface. between live metal parts of opposite polarity and between live metal parts and exposed dead metal parts, including the intended mounting surface.

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

1906

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Issued: 2006-11-07

DESCRIPTION

PRODUCT COVERED:

USL, CNL - Medium base Lampholders, switched, Model RS-1906

ELECTRICAL RATINGS:

250 V, 250 W.

ENGINEERING CONSIDERATIONS: (NOT FOR FIELD REPRESENTATIVE'S USE)

Lampholder Model RS-1906 has molded phenolic body with integral Aluminum screwshell. It is switched.

USL indicates investigation to the Standard for Lampholders, UL 496, Twelfth Edition.

CNL indicates investigation to the Canadian Standard for Lampholders, C22.2 No. 43, Fifth Edition.

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<u>Section</u>	<u>Products Covered</u>	<u>USL</u>	<u>CNL</u>	<u>Report Date</u>
1	Withdrawn			
2	Withdrawn			
3	Medium Base Lampholder, Model RS-1905 and RS-1905-1	X	X	2003-05-23
4	Medium Base Lampholders, Models RS-1902, RS-1902-1, RS-1904 and RS-1904-1	X	X	2004-10-19
5	Medium Base Lampholders, Models RS-1901, RS-1901-1, RS-1903, RS-1903-1	X	X	2005-08-23
*6	Withdrawn			

*42/50.

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<u>Section</u>	<u>Products Covered</u>	<u>USR</u>	<u>CNR</u>	<u>Report Date</u>
1	Lampholder Interior, RS-1904-2	X	X	2005-12-16
2	RS-1907A, RS-1907B, RS-1907C, RS-1908A, RS-1908B, RS-1908C.	X	X	2009-09-24

Note: USR - United States Standard, Recognized

CNR - Canadian Standard, Recognized

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DESCRIPTION

PRODUCT COVERED:

USR, CNR - Medium base Lampholder, Non-switch model RS-1906.

ELECTRICAL RATINGS:

250 V, 660 W

TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

USR indicates investigation to the US Standard, UL 496, Thirteenth Edition, the Standard for Lampholders.

CNR indicates investigation to the Canadian Standard, CSA C22.2 No. 43, Sixth Edition, the Standard for Lampholders.

CN - indicates the component has been evaluated to Canadian requirements and the component shall have a Canadian UL certification Mark (C-UL) or UL certification Mark and CSA certification Mark when the Applicant's basic product bears C-UL certification Mark.

Use - For use only in complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

Conditions of Acceptability - When installed in the end-use application, consideration shall be given to the following:

1. This component has been judged on the basis of the required spacings in the Standard for Lampholders (UL 496), which would cover the component itself if submitted for unrestricted Listing.
2. This component is intended for factory installation only. Polarity must be maintained. Screwshell terminal is not identified, but should be connected to the neutral conductor.
3. This component shall be installed in compliance with the enclosure, mounting, and spacing requirements of each end-use application.
4. Screw Terminals for Model RS-1906 have been subjected to Security Test of Lampholder Leads, 20 lb, 1 minute, employing SPT-1 type, No. 18 AWG tinned stranded copper conductors. The suitability of the lead connection shall be determined in each end-use application.

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DESCRIPTION

PRODUCT COVERED:

USL, CNL - Medium base lampholder, switched type, Model RS-1900.

ELECTRICAL RATINGS:

250 V, 250 W

TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE USE):

USL indicates investigation to the United States Standard, UL 496, the Standard for Lampholders.

CNL indicates investigation to the Canadian Standard, CSA C22.2 No. 43, Lampholders.

CONSTRUCTION DETAILS:

The following items shall be refer to Section General -

General Construction

Ratings

Markings

In additional to Section General, The products will contain the following information on each carton:

- a) "For factory assembly into portable luminaires";
- b) the appropriate conductor sizes and types: No. 18 AWG and solder dipped stranded type;
- c) the strip length of conductors: 12 mm; and
- d) "Use copper conductors only".

ALTERNATE MEDIUM BASE LAMPHOLDER, MODEL RS-1904 - Fig. 2G

General - This model is identical to previous model except for items noted below. See Ill. 9B for detailed dimensions.

Screwshell - Aluminum, shape as shown, min. 0.38 mm thick. Overall 27.5 mm diameter by 20.5 mm high. Provided with a 18.8 by 21.1 mm cutout at bottom center. Secured to Interior Body by two rivets. See Ill. 9B for detailed dimensions.

Stationary Contact - Copper alloy. Overall **7.8** by **8.6** by **15.7** mm high, **0.4** mm thick. Secured to Interior Block by physical fit.

Center Contact - Copper Alloy. Overall 6.4 by 10.2 by 7.0 mm high, **0.4** mm thick. Secured to Interior Block by a rivet. See Ill. 9B for detailed dimensions.

Interior Block - Phenolic. Overall 25.0 by 28.0 by 24.5 mm high. Provided with a phenolic cover of 28.8 mm diameter by 2.2 mm thick, which is secured to Interior Block by two rivets.

Live Terminal - Copper alloy. Overall **5.0** by **9.1** by **15.4** mm high, **0.3** mm thick. Secured to Interior Block by physical fit.

Neutral Terminal - Plated copper alloy. Overall 8.8 by 18.0 by 17.3 mm high, 0.4 mm thick. Secured to Interior Block by a rivet.

MEDIUM BASE LAMPHOLDER, MODEL RS-1901-1 - FIG. 2

General - Fig. 2 shows the overall view of Model RS-1901-1. Model RS-1901-1 is identical to Model RS-1901 except for the following.

1. Body - Aluminium, shape as shown. Two pieces construction. Overall 35.2 mm OD by 70 mm high, 0.5 mm thick. Secured together by snap fit. Provided with an 8 mm diameter opening at bottom. Provided with a 9 by 9 mm opening at side for Switch Body.

Alternate - Same as above, except R/C, QMFZ2, SUMITOMO CHEMICAL CO LTD (E249884), type E5008(gr), rated V-0, 220°C, min. 1.5mm thick. Secured together by threads.

MEDIUM BASE LAMPHOLDER, MODEL RS-1902-1 - FIG. 3

General - Fig. 3 shows the overall view of Model RS1902-1.

1. Lampholder Body - Consist of three parts:

Outer Shell - Aluminum, shape as shown. Overall 33.6 mm diameter by 50 mm high, 0.6 mm thick. Provided with 8 by 20 mm slot for Actuator. See ILL. 7 for detailed dimensions.

Alternate - Same as above, except R/C, QMFZ2, SUMITOMO CHEMICAL CO LTD (E249884), type E5008(gr), rated V-0, 220°C, min. 1.5mm thick.

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CAT. NO. RS-1905
FIG. 1 (R030019593)
FIG. 2 (R030019594)
FIG. 3 (R030019595)

1. Lampholder Body - Phenolic.

Alternate - Same as above, except R/C, QMFZ2, SUMITOMO CHEMICAL CO LTD (E249884), type E5008(gr), rated V-0, 220°C, min. 1.5mm thick.

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MODEL E26-104
FIG. 1 (R98-4005)

1. Body - Phenolic. Provided with screw rings on outside of body for decorative nut. Decorative nut provided.

Alternate - Same as above, except R/C, QMFZ2, SUMITOMO CHEMICAL CO LTD (E249884), type E5008(gr), rated V-0, 220°C, min. 1.5mm thick.

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and Report Revised: 2012-09-12

MEDIUM BASE LAMPHOLDER, MODEL RS-1903 - FIG. 3

General - Fig. 3 shows the overall view of Model RS-1903.

1. Body - Phenolic, shape as shown. Twopiece construction. Overall 38.5 mm OD by 70.2 mm high. Secured together by threads. Provided with an 8.6 mm diameter opening at bottom. Provided with an 8.7 by 8.6 mm opening at side for Actuator.

Alternate - Sam as above except outer threads provided.

Alternate - Same as above, except R/C, QMFZ2, SUMITOMO CHEMICAL CO LTD (E249884), type E5008(gr), rated V-0, 220°C, min. 1.5mm thick.