



FOLLOW-UP SERVICE PROCEDURE
(TYPE L)

WIRED CABINETS
(ZNXR, ZNXR7)

Manufacturer: SEE ADDENDUM FOR MANUFACTURER LOCATIONS

Applicant: SAME AS MANUFACTURER
(100113-367)

Listee: SAME AS MANUFACTURER
(100113-367)

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 when constructed, tested and found to be in compliance with the requirements of this Procedure and in accordance with the terms of the applicable UL Services Agreement and Follow-Up Service Terms and Conditions. UL further defines responsibilities, duties and requirements for both manufacturers and UL representatives in the document titled, "UL Mark Surveillance Requirements" that can be located at the following web-site: <http://www.ul.com/fus> and in accordance with the applicable Terms and Conditions at <http://www.ul.com/responsibilities>. Manufacturers without Internet access may obtain the current version of this document from their local UL customer service representative or UL field representative. For assistance, or to obtain a paper copy of the Terms and Conditions, please contact UL's Customer Service at <http://www.ul.com/global/eng/pages/corporate/contactus>, select a location and enter your request, or call the number listed for that location.

The Applicant, the specified manufacturer(s) and any Listee will be considered to have agreed to Follow-Up Services and the terms of this Follow-Up Service Procedure upon the earliest use of the prescribed UL Mark, acceptance of the factory inspection, or payment of the Follow-Up Service fees in accordance with the Follow-Up Services Terms and Conditions. Follow-Up Services will be governed by and incorporate by reference such GSA and the Follow-Up Service Terms which can be accessed by clicking here: <http://www.ul.com/contracts/newfustermes>. In all other events, such Follow-Up Services will be governed by and incorporate the terms of the applicable agreement and any applicable Program Terms and Conditions.

It is the responsibility of the Listee to make sure that only the products meeting the aforementioned requirements bear the authorized Marks of UL, or any authorized licensee of UL. The Applicant and the specified manufacturer(s) in this Follow-Up Services Procedure must agree to the Follow-Up Services as required by UL's Contracting Party.

This Procedure contains information for the use of the above Manufacturer(s) and representatives of UL or any licensee of UL, and is not to be used for any other purpose. It is lent to the Manufacturer with the understanding that it will be returned upon request and is not to be copied in whole or in part.

This Procedure, and any subsequent revisions, is the property of UL and any authorized licensee of UL, and is not transferable. This procedure contains confidential information for use only by the above named Manufacturer(s) and representatives of UL and is not to be used for any other purpose. It is lent to the Subscribers with the understanding that it is not to be copied, either wholly or in part unless specifically allowed, and that it will be returned to UL, upon request.

UL shall not incur any obligation or liability for any loss, expense or damages, including incidental, consequential or punitive damages arising out of or in connection with the use or reliance upon this Procedure to anyone other than the above Manufacturer(s) as provided in the agreement between UL or an authorized licensee of UL, and the Manufacturer(s).

Willam R.Carney
Director
North American Certification Program

File E344639 Vol 1 Addendum To Page 1 Issued: 2011-06-07
Authorization Page Revised: 2011-08-02

LOCATION
(100113-367) GENIUS POF INDUSTRIES LTD
91 LIXIN RD
DANZHUTOU
NANWAN LONGGANG
SHENZHEN
GUANGDONG 518114 CHINA

Factory ID:

Models	Section	USL/CNL	Report Date
Electric Wired Cabinets	1	USL/CNL	2011-06-07

Subject No. 65

ISSUED: 1995-11-13

Revised: 2011-01-07

UL 65
Wired Cabinets (ZNXR/7)
FOLLOW-UP AND INSPECTION INSTRUCTIONS

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FOLLOW-UP AND INSPECTION INSTRUCTIONS (FUII)
Controlled Document: Direct Request for Revision to PDE for Category

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SCOPE

A. These requirements cover wired cabinets for use in accordance with the National Electrical Code and the Canadian Electric Code.

These requirements cover display cases and special-purpose cabinets containing electrical wiring, with or without illumination. If the Field Representative is not sure if the product is a wired cabinet, they should contact an L3 in CAS.

These requirements also cover wired cabinets of such size that they must be sectionalized for shipping from the factory, and assembled and wired at the installation site.

These requirements do not cover bathroom cabinets, Commercial Displays (IYMX/7), cabinets provided with or designed for use with refrigeration equipment, or general use cabinets or boxes intended for the enclosure of electrical equipment.

GENERAL

B. As a part of Underwriters Laboratories Inc. (UL's) follow-up inspection, it is required that a Field Representative periodically visit the factory and select, for test or examination or both, samples of production made since the last inspection visit of the products covered.

C. The Follow-Up Service Procedure covering the product is loaned to the manufacturer and constitutes the basis on which the product is judged for compliance with the applicable requirements.

RESPONSIBILITIES OF THE MANUFACTURER

D. Restrict the use of markings that reference UL (either directly by use of the name, an abbreviation of it, or the UL symbol, or indirectly by means of agreed upon markings that are understood to indicate acceptance by UL) to those products that are found by the manufacturer's own inspection to comply with the Follow-Up Service Procedure description. The use of such markings is further limited by the agreements that have been executed by the subscriber and UL.

E. Confine the markings referencing UL as indicated in Paragraph D, to the location or locations authorized in these instructions or the Follow-Up Service Procedure.

F. It is the manufacturers responsibility to provide marking and instructions in French where required in Canada.

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G. During hours in which the factory is in operation, permit the Field Representative with free access to any portion of the premises where the product or components thereof are being fabricated, processed, finished or stored, and to the test areas when testing is required in this document. The Field Representative shall be permitted to inspect and witness prescribed tests, prior to shipment, any product bearing or intended to bear markings referencing UL as indicated in Paragraph D. If product disassembly is required, it shall be undertaken by the manufacturer. Tests required, as part of this Procedure, shall be conducted by the manufacturer.

H. Provide, at a convenient location, all required test equipment and facilities and any required personnel for conducting all tests and product disassembly that are to be performed at the factory. These shall be available when needed so that the inspection work can proceed without undue delay.

I. Perform a root cause analysis of nonconforming test results reported by UL in order to determine and implement appropriate corrective actions. Upon request, the manufacturer shall submit the findings of their analysis and action plan for review and/or monitoring by UL. For those cases involving questionable test and measuring equipment, the manufacturer shall evaluate and document the effects of the equipment on previous inspections or tests. The manufacturer shall evaluate if the equipment condition could have significantly affected previous inspection or test results and take corrective action as appropriate. The equipment in question shall be removed from service by segregation or prominent labeling and marking.

J. Conduct any production-line factory tests as specified in these Follow-Up and Inspection Instructions under Manufacturer's Test Program.

K. Maintain records of test performance. Unless indicated otherwise in the Procedure, the information to be recorded shall include the model or catalog number, identification of the product, the test conducted, the test date, and the results. The record for a specific lot or group of products may consist only of a statement, without specific details, that the entire lot or group was tested and found acceptable. Generally, a form record sheet should be used to assist in and expedite the record-keeping task. Records are to be retained for at least 6 months and shall be readily available for review by the Field Representative. Note: It is not necessary to keep complete test records when 100% of production is tested, if the manufacturer has an auditable system in place to confirm that production is always subjected to the required tests. Instead, exception reports indicating noncompliance and corrective action should be retained.

L. Determine that all test and measuring instruments required as part of the Follow-Up Services Procedure or used by UL Field Representatives in the conduct of inspection activity at the factory are calibrated in accordance with UL's published calibration requirements for manufacturers. The published document is titled, "UL Calibration Requirements: Equipment Used for UL/C-UL/ULC Mark Follow-Up Services", and is available on UL's website at the following address, "www.ul.com/fieldservices/requirements.html". Manufacturers that do not have internet access may obtain the current version from their local UL Customer Service representative in the same manner as other requests for requirements.

M. Where so specified by these Follow-Up and Inspection Instructions, forward samples selected by the Field Representative to the specified UL Test Office(s) for Follow-Up Tests, within five working days of the Field Representative's inspection visit. Packaging and shipment of the samples are the responsibility of the manufacturer.

RESPONSIBILITIES OF THE FIELD REPRESENTATIVE

N. Examine samples of production bearing, or intended to bear, the UL Mark or Marking to determine compliance with the provisions of the Follow-Up Service Procedure, the applicable UL Standard(s) and these Follow-Up and Inspection Instructions.

O. Where so specified by these Follow-Up and Inspection Instructions, select samples to be forwarded to the appropriate UL Test Office(s) for Follow-Up Tests.

P. Review the Manufacturer's Test Program, system, and records to assure that:

- a. The proper number of samples are undergoing the required tests,
- b. The required tests are being performed correctly, and appropriate records maintained
- c. The proper information is being recorded and is up to date, and
- d. The instruments being used for the tests have been calibrated at the prescribed interval and are in good working order.

Q. Report to the manufacturer and the UL Reviewing Office by means of a Variation Notice (VN) as outlined in the "UL Variation Notice and Corrective Action Requirements" document available on UL's website at:
www.ul.com/fieldservices/requirements.html
if nonconformance is noted during the inspection.

R. Explain to the manufacturer that a Variation Notice is a means of communication with the manufacturer and forms a record of those items where nonconformance to the Procedure has been encountered. Also explain that it is the manufacturer's responsibility to forward a copy of the Variation Notice to the Applicant.

S. When a product does not comply with the Follow-Up Service Procedure, require that the manufacturer implement appropriate action as outlined in the published document titled "UL Variation Notice and Corrective Action Requirements" available at: www.ul.com/fieldservices/requirements.html.

T. A product, that is found to have features that make it unacceptable to bear a marking referencing UL, shall be acceptably corrected if the marking is to be retained. Carefully check subsequent production for such features until conditions are again considered acceptable.

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U. A product that does not comply with the requirements of the Follow-Up Service Procedure and these Follow-Up and Inspection Instructions shall have each UL referencing Mark removed from the product, or obliterated from the product where the marking is imprinted, die-stamped, molded, or the like. If the rejection of the product is questioned by the manufacturer and Applicant, the material may be held at the point of inspection, typically at the factory, pending an appeal. The manufacturer and Applicant have the right to appeal a decision with which they disagree. Appeals of technical decisions and held shipments should be directed to the Variation Notice handling office. To resolve issues involving variations in construction, the manufacturer and Applicant may also be offered the option of contacting a Customer Service Professional. Should UL grant temporary authorization for the continued use of the UL Mark, such temporary authorization shall only be for the time needed to review and/or process the Procedure revisions, or as otherwise specified to cover a particular lot or production run. The manufacturer shall demonstrate that all Marks referencing UL are removed from the rejected material. Those Marks referencing UL not destroyed during their removal from the product shall be retrieved from the manufacturer's control and, either (1) held until the manufacturer demonstrates adequate control of their production to assure the application of the Mark to only those products that comply with requirements, (2) returned to the supporting UL Label Center, or (3) destroyed.

GENERAL INSPECTION GUIDELINES

APPLICATION OF THE LISTING MARK TO THE PRODUCT

L1 The Field Representative shall examine at least one sample of the product to verify that the application of the label to the product is in compliance with the requirements of Underwriters Laboratories Inc.

L2 Wired Cabinet is covered under UL's Type L Listing Service and is identified by a Type L label, whose contents are described in the Section General of the Follow-Up Service Procedure. Additional information, such as camera ready art work and proportional dimensions for the Marks/Markings, may be found by visiting UL's website at "http://www.ul.com/marks_labels/".

L3 The Listee's name, trade name, trademark or UL File Number (if authorized in the Follow-Up Service Procedure) that identifies the Listee, must appear on the label, unless the subscriber chooses to purchase standard labels from UL's Label Centers, in which case the Listee's identification is not on the UL Label but is placed elsewhere on the product.

FIELD REPRESENTATIVE'S COUNTERCHECK PROGRAM

L5 At each visit to the factory the Field Representative shall see the entire lot of Wired Cabinet that bears or is intended to bear the Listing Mark, and shall then select samples.

FOLLOW-UP AND INSPECTION INSTRUCTIONS (FUII)

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L6 The Field Representative shall check the construction details of the Wired Cabinet with the requirements specified in UL 65. The Field Representative shall examine labeled production for all of the construction details, dimensions, ratings and markings specified in UL 65, the Follow-Up Service Procedure description, and these Follow-Up and Inspection Instructions. Compliance with UL 65, the Follow-Up Service Procedure description and these Follow-Up and Inspection Instructions also address Canadian Requirements.

L7 The Field Representative is required to inspect and report on randomly selected samples. These samples shall not be taken from a lot which other samples have been taken during a previous inspection, unless the lot was previously rejected, has been culled (sorted) and reworked, and is resubmitted for re-inspection. [The actual number of (product type) to be taken in individual cases may necessarily vary somewhat according to conditions, but the Field Representative shall follow as closely as possible the outline given in Table L1 and the instructions in the paragraphs that follow the table.]

SPECIAL INSTRUCTIONS

L8 Some areas of the Standard indicate that the acceptability of a material or construction will involve an investigation to determine its suitability. In such cases, the material or construction shall be described in the Follow-Up Service Procedure.

L9 All electrical component parts are to be UL Listed for US installation and cUL Listed for Canadian installation, used within its ratings, and used as intended by its Listing unless specifically described in the Follow-Up Service Procedure, or noted below:

A. Recognized Component Single Pin Fluorescent Lamp Type Fixtures (IEUT2/8).

b. Recognized Component Industrial Control Switches (NRNT2/8) or Snap Switches (WNWV2/8, WOYR2/8), provided they comply with the Wiring Devices and Grounding Section of UL 65, and they are spaced away from a heat source (such as an incandescent lamp, ballast, etc) at a location which will operate below 50°C under normal operating conditions. A 3 inch clearance is generally acceptable.

C. Recognized Component Appliance Wiring Material (AVLV2/8), provided it complies with the Internal Wiring Section of UL 65.

D. Recognized Component Marking and Labeling Systems (PGDQ2/8), provided they are rated for the type of surface to which they are affixed and for a temperature of at least 60°C (90°C if located less than 3 inches from a ballast).

E. Recognized Component Marking and Labeling Systems (PGJI2/8), provided they are printed using compatible printing equipment as specified in the recognition and the label system is rated for the type of surface to which they are affixed and for a temperature of at least 60°C (90°C if located within 3 inches of a ballast).

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L10 Except for Listed Fluorescent Recessed Luminaires (IC type)-IEVW/7, Listed Fluorescent Surface-mounted Luminaires - IEUZ/7, Listed Portable Cabinet Light-emitting-diode Luminaires - QOVA/7 and Listed Portable Cabinet Luminaires - QOVJ/7, all Luminaires must be described by manufacturer and model designation in the manufacturer's copy of the Follow-up Service Procedure.

MANUFACTURER'S TEST PROGRAM

L11 The following tests are required to be conducted by the manufacturer on 100% production in accordance with the following:

- a) Insulation Resistance Test or
- b) Dielectric Voltage-Withstand Test

L12 The manufacturer shall conduct either an Insulation Resistance Test or a Dielectric Voltage-Withstand Test to determine that wired cabinets are free from electrical faults between conductors and noncurrent carrying metal parts.

Exception: This test is not required when any of the following constructions are used:

- a) The thickness of the conductor insulation is 3/64 inch (1.2 mm) or more,
- b) None of the conductors are pulled through a wireway or tubing more than 1-1/2 inches (38.1 mm) long,
- c) The internal wiring is pulled through Listed conduit,
- d) The internal wiring is Listed Metal-Clad Cable (PJAZ/7),
- e) The internal wiring is Listed Armored Cable (AWEZ/7),
- f) The internal wiring is Listed Manufactured Wiring System (QQVX/7).

L13 The Insulation Resistance Test shall be conducted in accordance with the Insulation Resistance paragraph of the Tests on Wiring Section of UL 65.

L14 The Dielectric Voltage-Withstand Test shall be conducted with the wired cabinet subjected to the application of a 40 - 70 Hz potential of 1200 volts for 1 second, or 1000 volts for 1 minute, between (1) primary wiring, including connected components, and accessible dead metal parts that are likely to become energized, including those parts that are accessible only during relamping, and (2) primary wiring and accessible low voltage (42.2 volts peak or less) metal parts, including terminals. The results are acceptable if there is no dielectric breakdown.

L15 The test is to be conducted with the wired cabinet fully assembled. It is not intended that it be unwired, modified, or disassembled for the test.

Exception 1: Parts such as shades, diffusers, and the like that would interfere with performance of the test need not be in place.

Exception 2: The test may be performed before the attachment of isolated non-current carrying metal parts (for example, metal enclosure parts that are not adjacent to any electrical components or current-carrying parts), if the test represents that for the completed wired cabinet.

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L16 If the wired cabinet employs a solid-state component that is not relied upon to reduce the risk of electric shock and that may be damaged by the dielectric potential, the test may be conducted before the component is electrically connected provided that a random sampling of each day's production is tested. The circuitry may be rearranged for the purpose of the test to reduce the likelihood of solid-state-component damage while retaining the representative dielectric stress of the circuit.

L17 The Dielectric Voltage-Withstand Test equipment shall include a transformer having an essentially sinusoidal output, a means of indicating the test potential, and an audible or visible indication of breakdown. In the event of breakdown, manual reset of an external switch or an automatic reject of the unacceptable unit under test is required.

L18 If the output of the test equipment transformer is less than 500 volt-amperes, the equipment shall include a voltmeter in the output circuit to directly indicate the test potential.

L19 If the output of the test equipment transformer is 500 volt-amperes or larger, the test potential may be identified by a voltmeter in the primary circuit or in a tertiary winding circuit, by a selector switch marked to indicate the test potential, or by a marking in a readily visible location to indicate the test potential of equipment having a single test potential output. When a marking is used without an indicating voltmeter, the equipment shall include a positive means, such as a power-on lamp to indicate that the manually reset switch has been reset following a tripout.

L20 Test equipment other than that described above may be used if found to accomplish the intended factory control.

L21 During the test, all switches are to be in the "on" position, both sides of the primary circuit of the wired cabinet are to be connected together and to one terminal of the test equipment, and the second test-equipment terminal is to be connected to the accessible dead metal.

L22 Polarity - Verify that the polarity of the lampholders and switches comply with the applicable requirements described in the Polarity Section of UL 65.

L23 Strain Relief - Verify that the strain relief for cord connected wired cabinets complies with the applicable requirements described in the Strain Relief paragraph of the Tests on Wiring Section of UL 65.

L24 The Field Representative shall review the manufacturer's procedure for testing the product and shall verify that all product intended for labeling is tested, that nonconforming product is segregated, repaired, and re-tested before they are labeled, and that the testing equipment is in good condition.

GENERAL

PRODUCT COVERED:

Electric wired cabinets

FACTORY LOCATION AND IDENTIFICATION:

When more than one manufacturing location is indicated on the Authorization Page Addendum for the Procedure Volume, the factory identification and associated manufacturing location are as follows:

Location	Factory Identification
RESERVED	RESERVED

TYPE L LISTING:

UNDERWRITERS LABORATORIES INC.



LISTED
XXXX
WIRED CABINETS

The UL Listing Mark for Canada indicates compliance with the Standard for General Requirements - Canadian Electrical Code, Part II, CAN/CSA C22.2 No. 0-M91, 8th Edition and the Standard for Bonding of Electrical Equipment, CAN/CSA C22.2 No. 0.4-04, 3rd Edition.

LISTING MARK:

Wired Cabinet



XXXX

Note: No. XXXX is the serial number assigned by UL to authorized printer for each order of UL Marks.

MARKING:

Listee's name and factory identification on product. Additional markings are provided as required by the Underwriters Laboratories Standard for Safety, UL 65, Wired Cabinets.

TEST EQUIPMENT PROVIDED BY MANUFACTURER:

A Dielectric Voltage Withstand Tester with the following properties:

The test equipment shall include a transformer having sinusoidal output (AC), a means of indicating the test potential, an audible or visual indicator of electrical breakdown, and a manually reset device to restore the equipment after electrical breakdown or an automatic feature to reject any products that do not comply.

or

A Megohmmeter capable of 1000V output.

TESTS TO BE CONDUCTED BY MANUFACTURER:

The manufacturer shall conduct either an Insulation Resistance Test or a Dielectric Voltage-Withstand Test to determine that wired cabinets are free from electrical faults between conductors and noncurrent carrying metal parts.

Separately Listed equipment such as Luminaires may be omitted from the test. Equipment with such as electronic ballasts or power supplies or equipment with electronic circuits that can be damaged from the potential may be omitted from the test.

GENERAL CONSTRUCTION:

This product shall comply with the Standard for Wired Cabinets UL 65 of Underwriters Laboratories Inc. and with the applicable description, if any, given elsewhere in this Follow-Up Service procedure.

Listed Luminaires shall be installed in accordance with their installation instructions and markings. Copies of the installation instructions shall be made available for the UL Field Representative.

Recessed IC marked (Suitable for Insulation Contact) non-IC (Not suitable for Insulation Contact) Luminaires shall be installed so that the required clearances to combustibles are maintained on both sides (lamp replacement side and recessed housing side) of the Luminaire. A non IC Luminaire recessed housing shall not be exposed such that it can contact combustible materials external to the wired cabinet.

When receptacles are installed in a cord and plug connected wired cabinet the receptacles shall be occupied by Listed cord and plug connected equipment, such as Cabinet Luminaires, located on or within the wired cabinet. No unoccupied receptacle outlets maybe provided.

C-UL CONSTRUCTION:

The UL Listing Mark for Canada indicates compliance with the Standard for General Requirements - Canadian Electrical Code, Part II, CAN/CSA C22.2 No. 0-M91, 8th Edition and the Standard for Bonding of Electrical Equipment, CAN/CSA C22.2 No. 0.4-04, 3rd Edition.

LISTING MARK:

Wired Cabinet



XXXX

Note: No. XXXX is the serial number assigned by UL to authorized printer for each order of UL Marks.

All components shall be C-UL Listed and bear the UL Listing Mark for Canada unless they have been evaluated and are described in the Follow-up Service procedure.

C-UL MARKINGS:

Some jurisdictions within in Canada require Markings and Instructions in both French and English. It is the manufacturers responsibility to comply with the Canadian French marking and installation requirements. When the French translation is provided it shall be consistent with the English version.

File E344639
Project 10CA52580

June 7, 2011

REPORT

on

Wired Cabinets

PLASTIC OPTICAL FIBER INDUSTRIES
SOLON, OH

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DESCRIPTION

PRODUCT COVERED:

USL, CNL - Wired Cabinet.

GENERAL:

These products comply with the Standard of Underwriters Laboratories Inc. for Electric Wired Cabinets UL 65 and Canadian Standard Nos. CSA C22.2 No. 0-M91 and CSA C22.2 No. 0.4-04 and with the description, if any, on the following pages.

USL - Indicates investigation to Underwriters Laboratories Inc. Standard UL 65.

CNL - Indicates investigation to Canadian Standard Nos. CSA C22.2 No. 0-M91 and CSA C22.2 No. 0.4-04.

CONSTRUCTION DETAILS:

General - All primary wiring (UL Listed/CN SJT cord) from the metal enclosure to the Terminal Block are not required to be enclosed. All secondary wiring from the Class 2 Power Supply to the LED Lights are not required to be enclosed. The wired cabinets may additionally be provided with the following components.

1. Class 2 Power Supply for all LED Lights - R/C (EPBU2/8.E235548), HEP Tech Co Ltd, Model LLVC12A UNI. Input rated 100-240 Vac, 110 mA, 50/60 Hz. Output rated 36 Vdc max, 350 mA, 12 W. Maximum of 12 watts of LED Lights per Class 2 Power Supply. When installed inside of a wooden power supply enclosure, maximum of five (5) Class 2 Power Supplies per enclosure and installed similar to as shown in FIGS. 1 and 2. Wooden enclosure measures, 68 mm wide by 314 mm long by 153 mm high by 18 mm thick sides & back minimum by 15 mm thick bottom minimum by 12 mm thick front minimum. Wooden enclosure shall be provided with sixteen (16) 10 mm diameter opening and two (2) 20 mm openings on the top and bottom of enclosure. Refer to FIGS. 1 through 3 for details.
2. LED Pillar Lights - R/C (OOQA2/8.E342323), Genius POF Industries Limited. Model LPL003. Rated 9.6 Vdc, 350 mA, 3.5 W maximum per light. Secured to the Wired Cabinet by mechanical fit. Maximum of five (5) provided per Wired Cabinet having a minimum size of 30.4 cm by 30.4 cm.
3. LED Ceiling Lights - R/C (OOQA2/8.E342323), Genius POF Industries Limited. Model LCL006A. Rated 3.2 Vdc, 350 mA, 1.25 W maximum per light. Secured to the Wired Cabinet by physical fit. Maximum of nine (9) provided per Wired Cabinet having a minimum size of 30.4 cm by 30.4 cm.

and Report

4. LED Ceiling Lights - R/C (OOQA2/8.E342323), Genius POF Industries Limited. Model LCL016. Rated 9.6 Vdc, 350 mA, 3.5 W maximum per light. Secured to the Wired Cabinet by physical fit. Maximum of five (5) provided.
5. LED Spot Lights - R/C (OOQA2/8.E342323), Genius POF Industries Limited. Model LSP004. Rated 3.2 Vdc, 350 mA, 1 W maximum per light. Secured to the Wired Cabinet by mechanical fit. Maximum of nine (9) provided per Wired Cabinet having a minimum size of 30.4 cm by 30.4 cm by 30.4 cm.
6. LED Spot Lights - R/C (OOQA2/8.E342323), Genius POF Industries Limited. Model LSP019. Rated 3.2 Vdc, 350 mA, 1 W maximum per light. Secured to the Wired Cabinet by mechanical fit. Maximum of nine (9) provided per Wired Cabinet having a minimum size of 30.4 cm by 30.4 cm by 30.4 cm.
7. LED Bar Lights - R/C (OOQA2/8.E342323), Genius POF Industries Limited. Model LBA009. Rated 9.6-38 Vdc, 350 mA, 3.5-12.5 W maximum per light. Secured to the Wired Cabinet by mechanical fit. Maximum of 12 LED's provided per Wired Cabinet having a minimum size of 30.4 cm by 30.4 cm by 30.4 cm.
8. Switch/Fuse/Socket - R/C (AXUT2/8.E117978), Jackson Electronics Industrial Corp. Model JR-101-1FRS. Rated 250 Vac, 10 A. Mounted in an electrical enclosure per the standard.
9. Fuse/Socket - R/C (AXUT2.E117978), Jackson Electronics Industrial Corp. Model JR-101-1FA. Rated 250 Vac, 10 A.
10. Fuse - R/C (JDYX2/8.E321134), Dong Guan Hands Electrics Co Ltd. Cat. No. HST36C or HST50G. Rated 125/250 Vac, 5 A.
11. Connector - R/C (ECBT2/8.E159616), Cvilux Corp. Models CP-011 and -012. Rated 600 V, 6 A.
12. Terminal Block - R/C (XCFR2/8.E156678), Openwise Industrial Ltd. Model 500 or 500WP. Rated 600 Vac, 30 A.
13. PCB Connector - Assembled by Genius POF Industries Limited. Provided with R/C (ZPMV2.E339347), Unice Multi-Layer Circuit (Shenzhen) Co. Type TL-1 PWB and R/C (XCFR2/8.E307275) Dongguanshi Welink Electronic Technology Co Ltd. Cat. No F53 Connector. Rated 16-20 AWG, 300 V, 5 A.
14. Ferrite Bead - Optional.





