

1.0 Reference and Address			
Report Number	220800950SHA-001	Original Issued: 8-Sep-2022	Revised: 16-Sep-2022
Standard(s)	Luminaires [UL 1598:2021 Ed.5+R:18Jun2021] Luminaires [CSA C22.2#250.0:2021 Ed.5+U1]		
Applicant	Menu A/S	Manufacturer 1	Stylusor (Xiamen) Smart Home Co., Ltd.
Address	Aarhusgade 130, 1st, DK-2150 NORDHAVN	Address	5-F, West Zone, No.32 Xiangming Road, Xiang'an District, Xiamen, Fujian
Country	DENMARK	Country	China
Contact	Riccardo Longo	Contact	Mr. Andy Zhang
Phone	4548406100	Phone	+86-13600922544
FAX	-	FAX	-
Email	rlo@menuspace.com	Email	Andy@stylusor.com

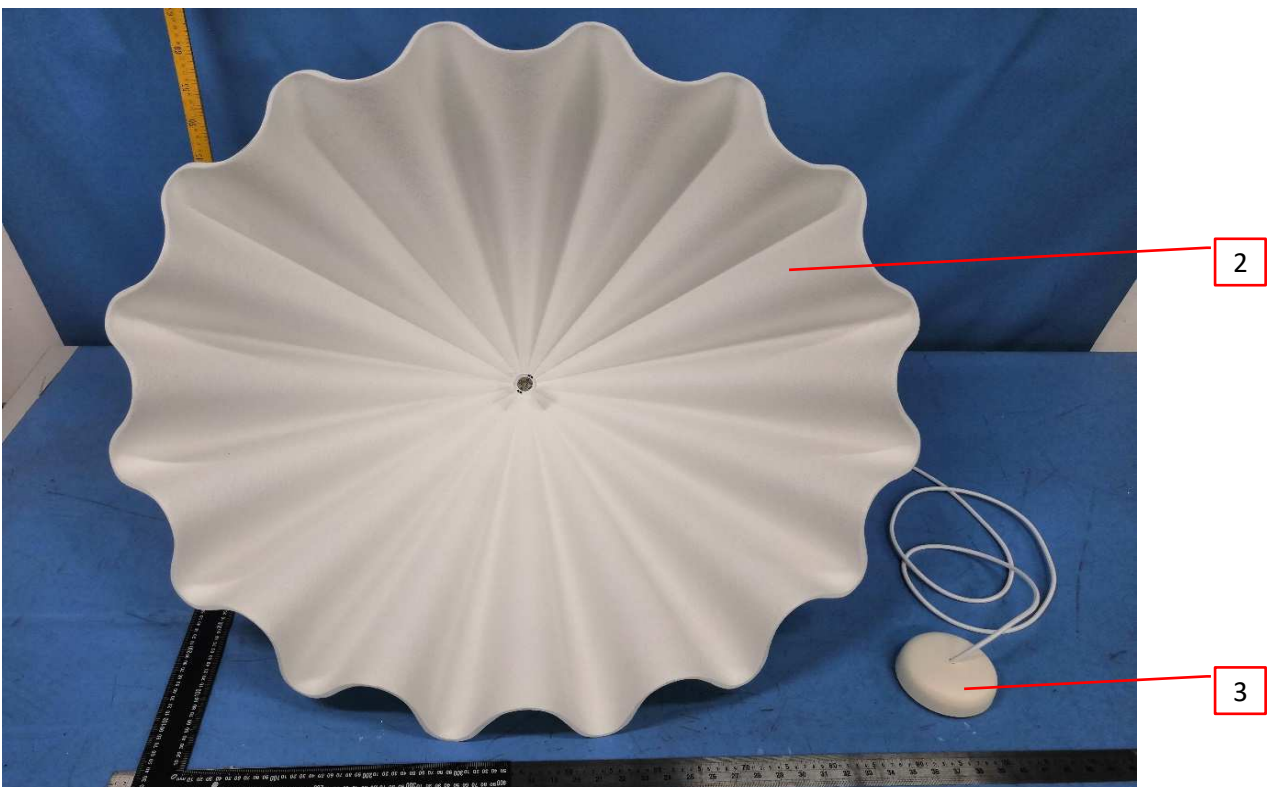
2.0 Product Description	
Product	Dancing pendant lamp
Brand name	MENU
Description	The products covered by this report are cord-pendant luminaires, which provided with a mounting crossbar intended as the sole support for mounting luminaire to an outlet box. The product should be installed by qualified electrician.
Models	1600659U
Model Similarity	NA
Ratings	120V, 60Hz, MAX 60W E26
Other Ratings	NA

3.0 Product Photographs

Photo 1 - External view of model 1600659U



Photo 2 - External view of model 1600659U



3.0 Product Photographs

Photo 3 - Internal view of model 1600659U

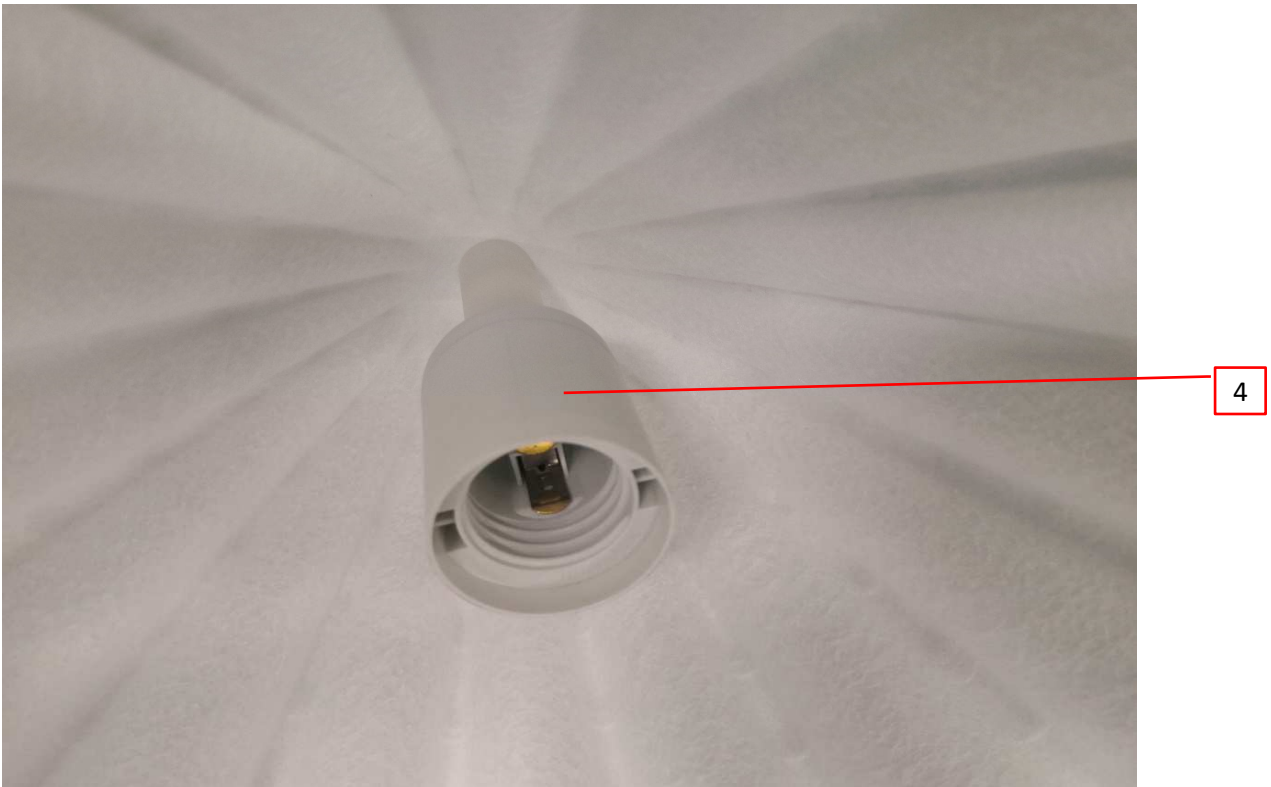
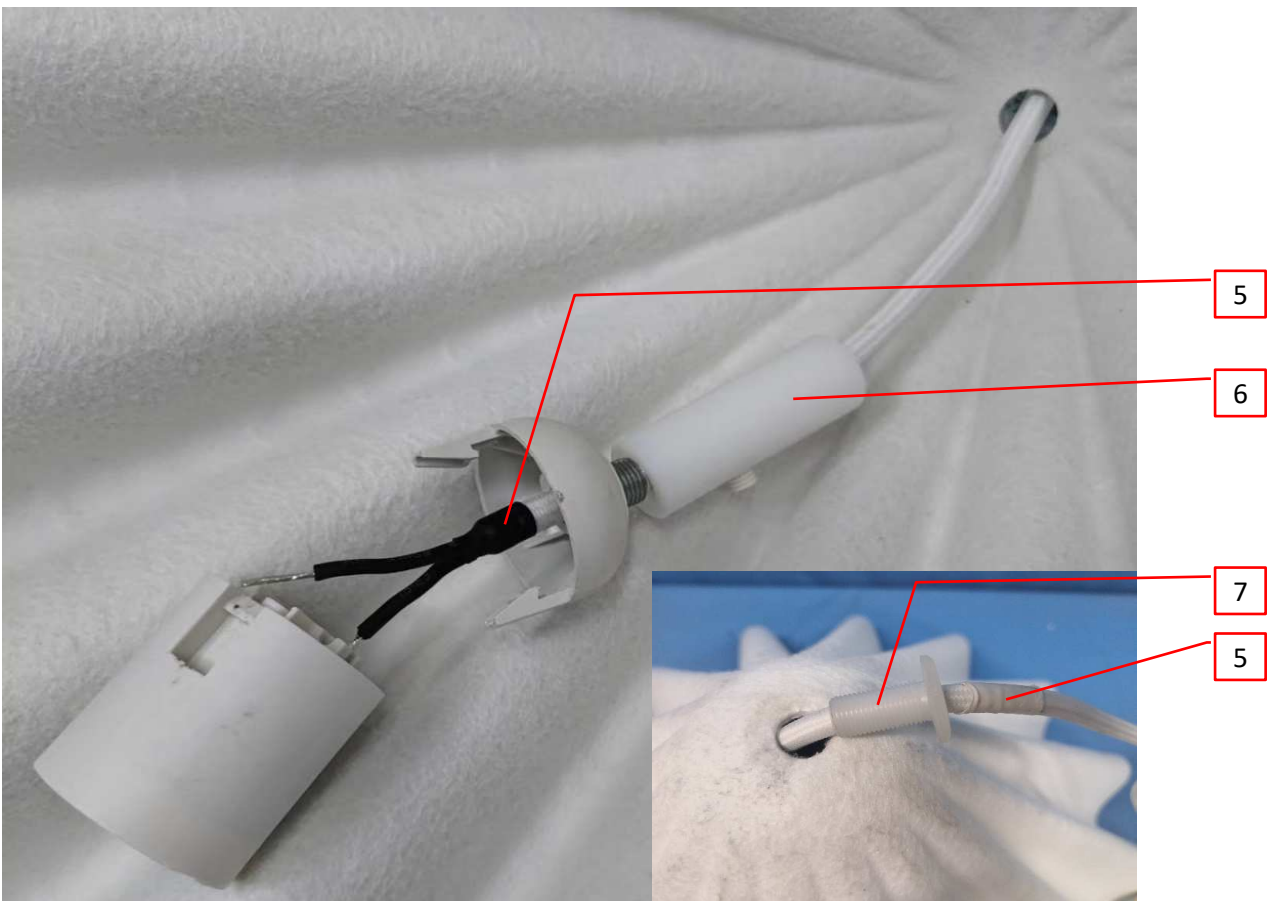


Photo 4 - Internal view of model 1600659U



3.0 Product Photographs

Photo 5 - Internal view of model 1600659U

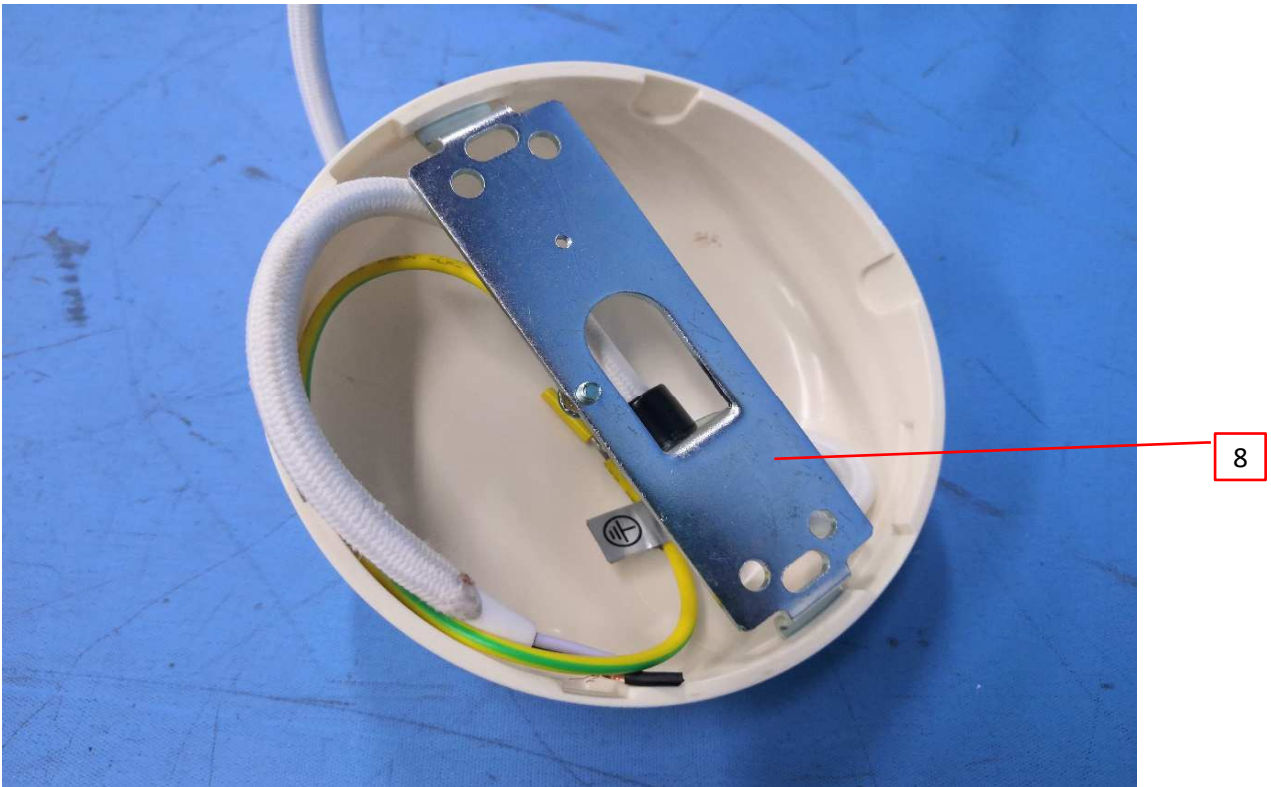
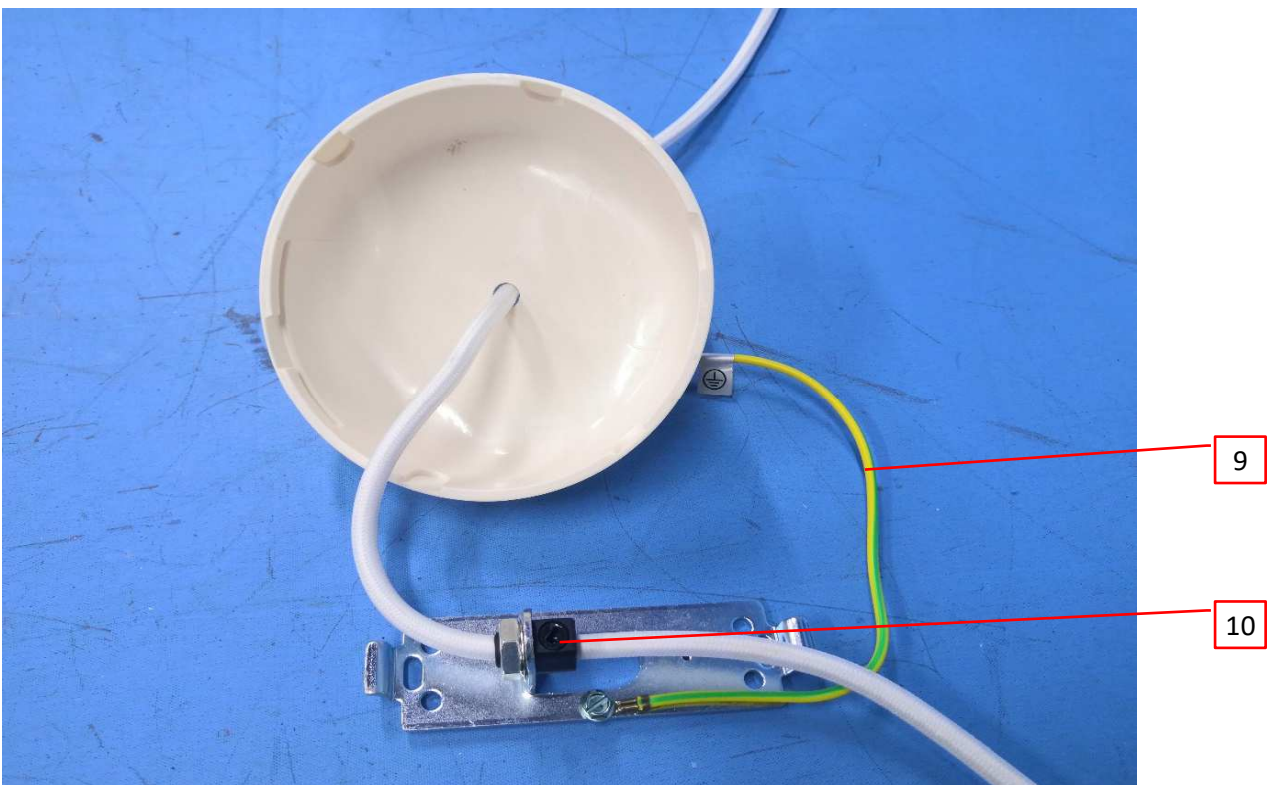


Photo 6 - Internal view of model 1600659U



4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
1	1	Supply cord	Various	Various	SVT, 18AWG/2C, 300Vac, 105°C, VW-1. Jacketed-type supply cord, braided sleeving. Non-detachable, terminates in the screwless terminal of lampholder. Extended at least 150 mm (6 in) into the outlet box.	cULus or cETLus
2	2	Lampshade	Various	Various	Polyester, measured thickness: 3.5mm. Size approx. 942mm diameter by 549mm height. Max. 2.1Kg weight.	NR
2	3	Canopy	CHI MEI CORPORATION	PA-765(+)	Acrylonitrile Butadiene Styrene (ABS) "POLYLAC", measured thickness: 2.97mm, 5VA, 80°C. Serves as enclosure of outlet box.	cURus
3	4	Lampholder	Sun-Lite Sockets Industry Inc	B-15A	E26, Medium base. 660W, 250Vac. Secured to thread-fixing tube by threading.	cURus
				B-15C	E26, Medium base. 660W, 250Vac. Secured to thread-fixing tube by threading.	cULus
			LEEWAY LIGHTING PARTS (XIAMEN) CO LTD	LS1E26	E26, Medium base. 660W, 250Vac. Secured to thread-fixing tube by threading.	cULus
			Guangdong Kangrong High-tech New Material Co Ltd	K326F	E26, Medium base. 660W, 250Vac. Secured to thread-fixing tube by threading.	cULus
			ZING EAR ENTERPRISE CO LTD	ZE-306CP	E26, Medium base. 660W, 250Vac. Secured to thread-fixing tube by threading.	cULus
			Various	Various	E26, Medium base. 660W, 250Vac. Secured to thread-fixing tube by threading.	cULus or cETLus
4	5	Heat-shrinkable tubing	Various	Various	Serve as auxiliary sleeving of supply cord to protect from cutting and abrasion.	NR
4	6	Thread-fixing tube	CELANESE INTERNATIONAL CORP	M90 (+4)	Acetal Polyoxymethylene (POM), copolymer "Celcon", measured thickness: 4.2mm, HB, 90°C. Size approx. 18mm outer diameter by 9.5mm inner diameter by 50mm length. Serves as fixing lampholder.	UR
4	7	T type screws	CELANESE INTERNATIONAL CORP	M90 (+4)	Acetal Polyoxymethylene (POM), copolymer "Celcon", T type screw of M10, measured thickness: 1.5mm, HB, 90°C. Secured to thread-fixing tube by threadin.	UR
5	8	Metal crossbar	Various	Various	Steel, min. thickness 1.9mm. Serve as the sole support for mounting a luminaire to an outlet box.	NR

4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
6	9	Grounding wire	Various	Various	AWM, min. 18AWG, min. 300Vac, min. 105°C, green or green/yellow, bonded a ring terminal and secured to metal crossbar by screw. Extended at least 150 mm (6 in) into the outlet box.	UR
6	10	Cord grip	XIAMEN YONG JIN HONG PLASTIC CO LTD	AN0320SN	PA6, rated HB, 65°C. Serve as a bushing with an integral strain relief means. Secured to metal cross bar by nut.	UR
1	11	Label (not shown)	Various	Various	Suitable for applicable surface. Min. 60°C, complied with UL 969.	UR

NOTES:

- 1) Not all item numbers are indicated (called out) in the photos, as their location is obvious.
- 2) "Various" means any type, from any manufacturer that complies with the "Technical data and securement means" and meets the "Mark(s) of conformity" can be used.
- 3) Indicates specific marks to be verified, which assures the agreed level of surveillance for the component. "NR" - indicates Unlisted and only visual examination is necessary. "See 5.0" indicates Unlisted components or assemblies to be evaluated periodically refer to section 5.0 for details.

5.0 Critical Unlisted CEC Components

No Unlisted CEC components are used in this report.

6.0 Critical Features

Recognized Component - A component part, which has been previously evaluated by an accredited certification body with restrictions and must be evaluated as part of the basic product considering the restrictions as specified by the Conditions of Acceptability.

Listed Component - A component part, which has been previously Listed or Certified by an accredited Certification Organization with no restrictions and is used in the intended application within its ratings.

Unlisted Component - A part that has not been previously evaluated to the appropriate designated component standard. It may also be a Listed or Recognized component that is being used outside of its evaluated Listing or component recognition.

Critical Features/Components - An essential part, material, subassembly, system, software, or accessory of a product that has a direct bearing on the product's conformance to applicable requirements of the product standard.

Construction Details - For specific construction details, reference should be made to the photographs and descriptions. All dimensions are approximate unless specified as exact or within a tolerance. In addition to the specific construction details described in this Report, the following general requirements also apply.

1. Spacing - In primary circuits, 3.2 mm minimum spacing through air and 6.4 mm minimum spacing over surfaces of insulating material are maintained between current-carrying parts of opposite polarity and between such current-carrying parts and dead-metal parts.
2. Mechanical Assembly - Components such as switches, fuseholders, connectors, wiring terminals and display lamps are mounted and prevented from shifting or rotating by the use of lockwashers, starwashers, or other mounting format that prevents turning of the component.
3. Corrosion Protection - All ferrous metal parts are protected against corrosion by painting, plating or the equivalent.
4. Accessibility of Live Parts - All uninsulated live parts in primary circuitry are housed within a non-metallic enclosure constructed with no openings other than those specifically described in Sections 4 and 5.
5. Grounding - All exposed dead-metal parts and all dead-metal parts within the enclosure that are exposed are connected to the grounding lead of the power supply cord or the equipment grounding terminal.
6. Polarized Connection - This product is provided with a polarized power supply connection. The screwshell of a lampholder are connected to the neutral grounded supply circuit conductor.
7. Markings - The product is marked on a labeling system as described in item no. 11 of Section 4.0 as follows:
 - a) Applicant's name or brand name;
 - b) Model number;
 - c) Date code of at least the month and year of manufacture;
 - d) Electrical ratings (voltage, frequency)

Remark:

- Marking a) to c) marked in Format S16, visible during installation.
- Marking d) marked in Format S16, visible during installation and inspection of wire connections, located near the supply connections.
- Format S__ refer to Illustration 1 of Section 7.0.

6.0 Critical Features

8. Cautionary Markings - The product is marked on a labeling system as described in item no. 11 of Section 4.0 as follows:

- a) DRY LOCATIONS ONLY
POUR EMPLACEMENTS SECS SEULEMENT
- b) CAUTION - RISK OF FIRE
ATTENTION - RISQUE D'INCENDIE
- c) MAX 60 W TYPE E26
- d) THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED
CE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT BIEN LE PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INHÉRENTS

Remark:

- Marking a), verbatim marked in Format S16, visible during installation.
- Marking b), verbatim marked in Format S24, visible during relamping, and after installation.
- Marking c), verbatim marked in Format S32 for "MAX" and S16 for remainder, visible during relamping, and after installation.
- Marking d) marked in Format S24, on the smallest unit package or carton.
- Format S__ refer to Illustration 1 of Section 7.0.

9. Installation, Operating and Safety Instructions - Instructions for installation and use of this product are provided by the manufacturer.

- Wiring instructions that specify the proper method of connecting the grounding means and maintaining polarity shall be included with the luminaire in a manner that will require the installer to handle the instructions during installation, or the luminaire carton marked in accordance with marking d) of item 8 above.
- The instructions may be separately provided on a publicly accessible website if the equipment is verbatim marked in Format S24, visible during installation, with the following cautionary sentence "SEE (SPECIFIC URL OR QR CODE INSERTED HERE) FOR INSTALLATION AND ASSEMBLY INSTRUCTIONS"

Remark:

- Format S__ refer to Illustration 1 of Section 7.0.

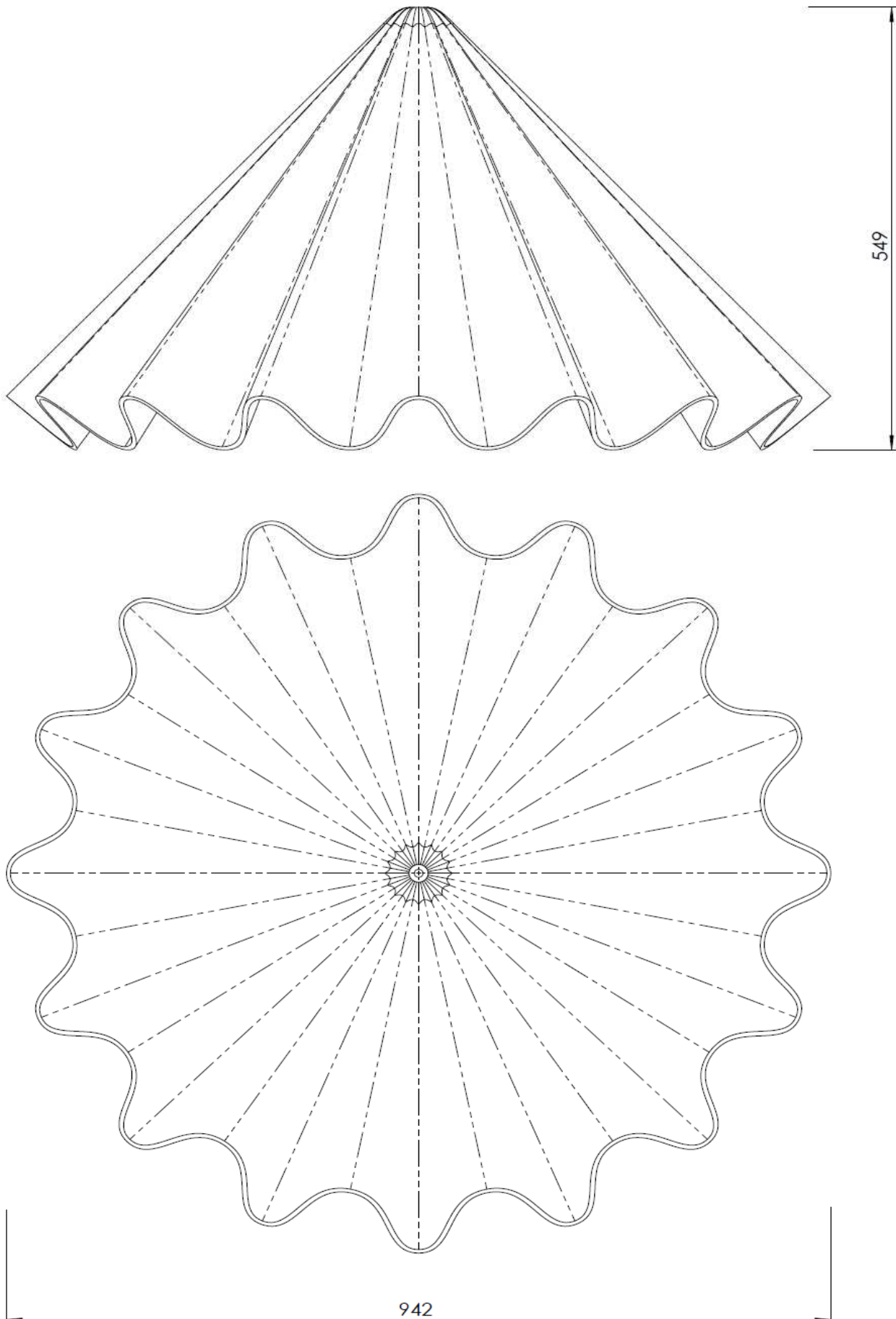
7.0 Illustrations

Illustration 1 - The requirement for Format S__

Size designation	Letter height		Font size (points)	Font typeface, upper case
	mm	(in)		
S16	1.6	(0.062)	6	Univers bold, Arial bold, Helvetica bold, Zurich BT Bold
S24	2.4	(0.094)	10	Univers bold, Arial bold, Helvetica bold, Zurich BT Bold
S32	3.2	(0.125)	12	Not specified
S48	4.8	(0.188)	19	Univers bold, Arial bold, Helvetica bold, Zurich BT Bold

7.0 Illustrations

Illustration 2 - Engineering dimension drawing of lampshade (unit:mm)



8.0 Test Summary			
Evaluation Period	10-Aug-2022 to 7-Sep-2022		Project No. 220800950SHA
Sample Rec. Date	9-Aug-2022	Condition	Prototype
			Sample ID. 0220809-57-***
Test Location	Building No.86, 1198 Qinzhou Road (North), 200233 Shanghai, China		
Test Procedure	Testing Lab		
Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.			
The following tests were performed:			
Test Description	UL 1598:2021 Ed.5+R:18Jun2021 and CSA C22.2#250.0:2021 Ed.5+U1 /Clause		
Normal temperature tests	15		
Mold stress relief	17.4		
Polymeric support	17.10		
Loading	17.15		
Strain relief	17.21		
Polymeric impact	17.41		
Dielectric voltage-withstand	18.1		
Bonding circuit impedance	18.2		

8.1 Signatures			
A representative sample of the product covered by this report has been evaluated and found to comply with the applicable requirements of the standards indicated in Section 1.0.			
Completed by:	Ryan Lai	Reviewed by:	Tony Weng
Title:	Engineer	Title:	Reviewer
Signature:	<i>Signature on file</i>	Signature:	<i>Signature on file</i>

9.0 Correlation Page For Multiple Listings

The following products, which are identical to those identified in this report except for model number and Listee name, are authorized to bear the ETL label under provisions of the Intertek Multiple Listing Program.

BASIC LISTEE	Menu A/S
Address	Aarhusgade 130, 1st, DK-2150 NORDHAVN
Country	DENMARK
Product	Dancing pendant lamp

MULTIPLE LISTEE 1	None
Address	
Country	
Brand Name	

ASSOCIATED MANUFACTURER	
Address	
Country	

MULTIPLE LISTEE 1 MODELS	BASIC LISTEE MODELS

MULTIPLE LISTEE 2	None
Address	
Country	
Brand Name	

ASSOCIATED MANUFACTURER	
Address	
Country	

MULTIPLE LISTEE 2 MODELS	BASIC LISTEE MODELS

MULTIPLE LISTEE 3	None
Address	
Country	
Brand Name	

ASSOCIATED MANUFACTURER	
Address	
Country	

MULTIPLE LISTEE 3 MODELS	BASIC LISTEE MODELS

10.0 General Information

The Applicant and Manufacturer have agreed to produce, test and label ETL Listed products in accordance with the requirements of this Report. The Manufacturer has also agreed to notify Intertek and to request authorization prior to using alternate parts, components or materials.

COMPONENTS

Components used shall be those itemized in this Intertek report covering the product, including any amendments and/or revisions.

LISTING MARK

The ETL Listing mark applied to the products shall either be separable in form, such as labels purchased from Intertek, or on a product nameplate or other media only as specifically authorized by Intertek. Use of the mark is subject to the control of Intertek.

The mark must include the following four items:

- 1) applicable country identifiers "US" and/or "C" or "US", "C" and "EU"
- 2) the word "Listed" or "Classified" or "Recognized Component" (whichever is appropriate)
- 3) a control number issued by Intertek
- 4) a product descriptor that identifies the standards used for certification. Example:

For US standards, the words, "Conforms to" shall appear with the standard number along with the word, "Standard" or "Std." Example: "Conforms to ANSI/UL Std. XX."

For Canadian standards, the words "Certified to CAN/CSA Standard CXX No. XX." shall be used, or abbreviated, "Cert. to CAN/CSA Std. CXX No. XX."

Can be used together when both standards are used.

If all standards on the ATM have the same standard title, the shared title or its abbreviation may be used in place of the examples above. Example: "Medical Electrical Equipment" or "MEE"; "Information Technology Equipment" or "ITE"; "Audio/Video Information And Communication Technology Equipment" or "A/V ICTE".

Note: A facsimile must be submitted to Intertek, Attn: Follow-up Services for approval prior to use.

The facsimile need not have a control number. A control number will be issued **after signed Certification Agreements** have been received by the Follow-up Services office, approval of the facsimile of your proposed Listing Mark, satisfactory completion of the Listing Report, and scheduling of a factory assessment in your facility.

MANUFACTURING AND PRODUCTION TESTS

Manufacturing and Production Tests shall be performed as required in this Report.

FOLLOW-UP SERVICE

Periodic unannounced audits of the manufacturing facility (and any locations authorized to apply the mark) shall be scheduled by Intertek. An audit report shall be issued after each visit. Special attention will be given to the following:

1. Conformance of the manufactured product to the descriptions in this Report.
2. Conformance of the use of the ETL mark with the requirements of this Report and the Certification Agreement.
3. Manufacturing changes.
4. Performance of specified Manufacturing and Production Tests.

In the event that the Intertek representative identifies non-conformance(s) to any provision of this Report, the Applicant shall take one or more of the following actions:

1. Correct the non-conformance.
2. Remove the ETL Mark from non-conforming product.
3. Contact the issuing product safety evaluation center for instructions.

10.1 Evaluation of Unlisted Components

Because Unlisted Components are uncontrolled, and they do not fall under a third party follow up program, Intertek may require these components to be tested and/or evaluated at least once annually, more often for certain components, as part of the independent certification process. The Unlisted Components in Section 5.0 require testing and/or evaluation as indicated.

The Applicant will be notified, in writing, via the applicable contact methods, as defined in Section 1.0, when these components must be selected and sent to Component Evaluation Center (CEC) for re-evaluation.

Due to particular testing requirements, some components may be requested to be shipped to specific labs. Thus, specific shipment destination(s) for each sample will be provided in the written notification.

Managing CEC Location:

Intertek Testing Services Shanghai Limited
ETL Component Evaluation Center
Building No. 86, 1198 Qinzhou Road (North)
Shanghai 200233, China
Attn: Ms. Emiliana Zhou

Sample Disposition: Due to the destructive nature of the testing, all samples will be discarded at the conclusion of testing unless, the manufacturer specifically requests the return of the samples. The request for return must accompany the initial component shipment.

11.0 Manufacturing and Production Tests

The manufacturer agrees to conduct the following Manufacturing and Production Tests as specified:

Required Tests

Grounding Continuity Test
Strain Relief Test

Test records should be retained for a period of at least 6 months, and should include test quantity, test dates, catalogue or model numbers, test results, and disposition of any non-complying products.

11.1 Grounding Continuity Test

Method:

Each product listed below shall be subjected to a test to determine that there is continuity between accessible dead-metal parts of the product and the point of connection of the grounding means.

If all accessible dead metal is connected, only a single test need be performed. A visual or audible device (ohmmeter, buzzer, etc.) may be used to indicate grounding continuity.

Test Equipment:

The bond impedance test apparatus shall consist of an indicating instrument and an ac or dc power supply of approximately 12 V providing a current of 30 A through the bonding means being evaluated.

The ground continuity test apparatus shall be an ohmmeter or similar indicating instrument capable of measuring 0.10 Ω .

Products Requiring Grounding Continuity Test:

At least once per quarter for all products covered by this report.

Test location

Allowable value

The measured or calculated resistance between the point of connection of the grounding means and any accessible dead-metal parts

< 0.10 Ω

11.2 Strain Relief Test

Method



A pull force of 156 N (35 lb) shall be applied for 1 min to the flexible cord in a direction perpendicular to the plane of the entrance into the luminaire.

Test results shall be acceptable if there is no:

- (a) movement of the flexible cord of more than 1.6 mm (0.063 in); and
- (b) breaking of the conductor or loosening of the wiring connections inside the enclosure of the luminaire.

Products Requiring Strain Relief Test:

One sample of each luminaire design with a power supply cord should be tested at least once per quarter.

12.0 Revision Summary				
The following changes are in compliance with the declaration of Section 8.1:				
Date/ Proj # Site ID	Project Handler/ Reviewer	Section	Item	Description of Change
16-Sep-2022	Ryan Lai 	2.0	-	Corrected model name from "160065U" to "1600659U" No evaluation to the standards needed.
220901202S HA	Tony Weng 	3.0	1-6	Corrected model name from "160065U" to "1600659U" on the caption. No evaluation to the standards needed.