

1.0 Reference and Address			
Report Number	211126179GZU-001	Original Issued: 21-Dec-2021	Revised: 3-Apr-2025
Standard(s)	Luminaires [UL 1598:2021 Ed.5]		
	Luminaires [CSA C22.2#250.0:2021 Ed.5]		
Applicant	Ruee Appliances Co., Ltd	Manufacturer	Ruee Appliances Co., Ltd
Address	No.100 Jintong Road, Jiangsha Industry, Tangxia Town, Pengjiang Section, JIANGMEN Guangdong	Address	No.100 Jintong Road, Jiangsha Industry, Tangxia Town, Pengjiang Section, JIANGMEN Guangdong
Country	CHINA	Country	CHINA
Contact	Mr. Tommy Zeng	Contact	Mr. Tommy Zeng
Phone	18033135598	Phone	18033135598
FAX	NA	FAX	NA
Email	tommyzeng@126.com	Email	tommyzeng@126.com

2.0 Product Description	
Product	Fixed Luminaire
Brand name	Hampton Bay, Home Decorators Collection, Millennium Lighting, Housemark
Description	The products covered by this report are fixed luminaire suitable for use in wet locations. They are intended to mount on outlet box.
Models	R32076-W, R32076-WL, 28235, 28236, R35154-W1B, 28240, R35154-W1L, R39283-W1, R39283-W2-M2, R39283-W2-L2, R39283-2-F2, R39283-2-H2, R39284-2-W2S, R39284-2-W2M, R39284-W3, R39286-W1M, R39286-W1L, R41886-W1A, 18HM1886, R41886-W1B, 18HM1887, R41886-H1, 18HM1888, R41886-C2S, 18HM1889, R41886-C2L and 18HM1880. 7801, 7802, 7812, 7822, 7832, 7902, 7912, 7923, 71001, 71101, R41632-W or 18HM163; followed by up to six characters.
Model Similarity	Details model model similarity refer to Section 7, Illustrations No. 2.
Ratings	Details model rating refer to Section 7, Illustrations No. 3.
Other Ratings	NA

3.0 Product Photographs

Photo 1 - External view of model R32076-W.

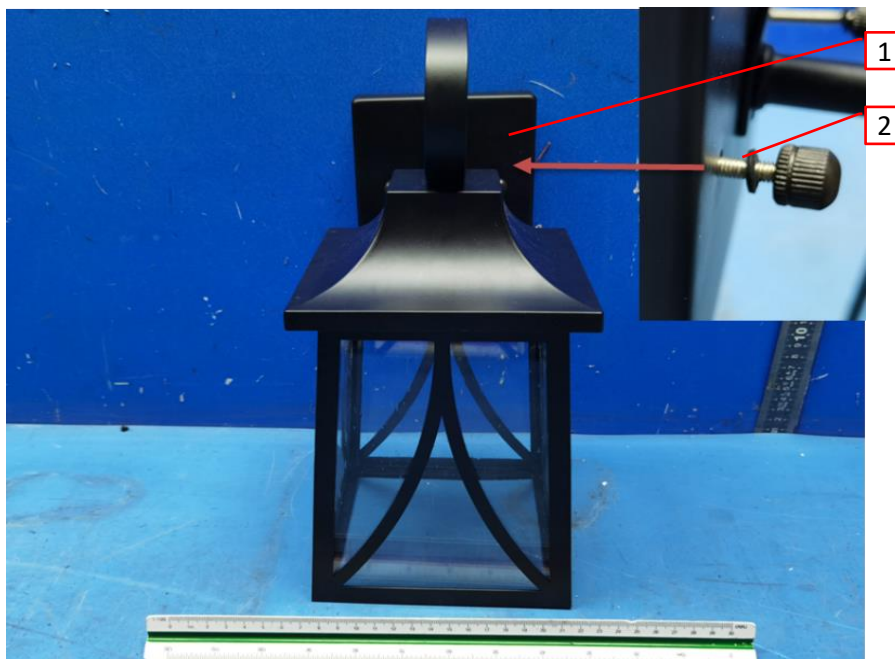


Photo 2 - External view of model R32076-WL. (Size: L253xW202xH380mm) (Final shipment without lamp).



3.0 Product Photographs

Photo 3 - Canopy view of model R32076-W, also represent model R32076-WL.

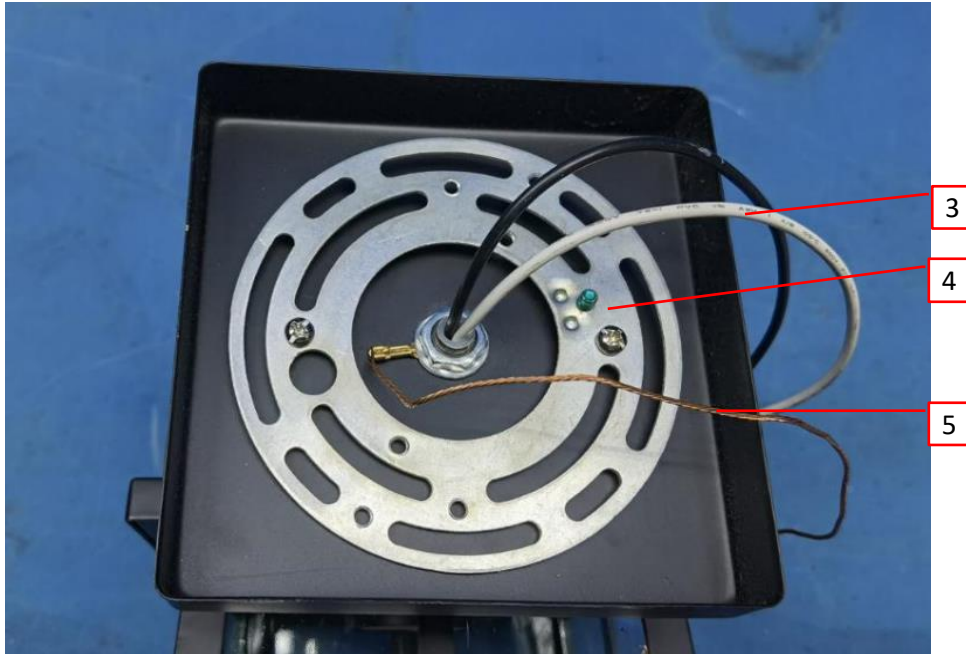
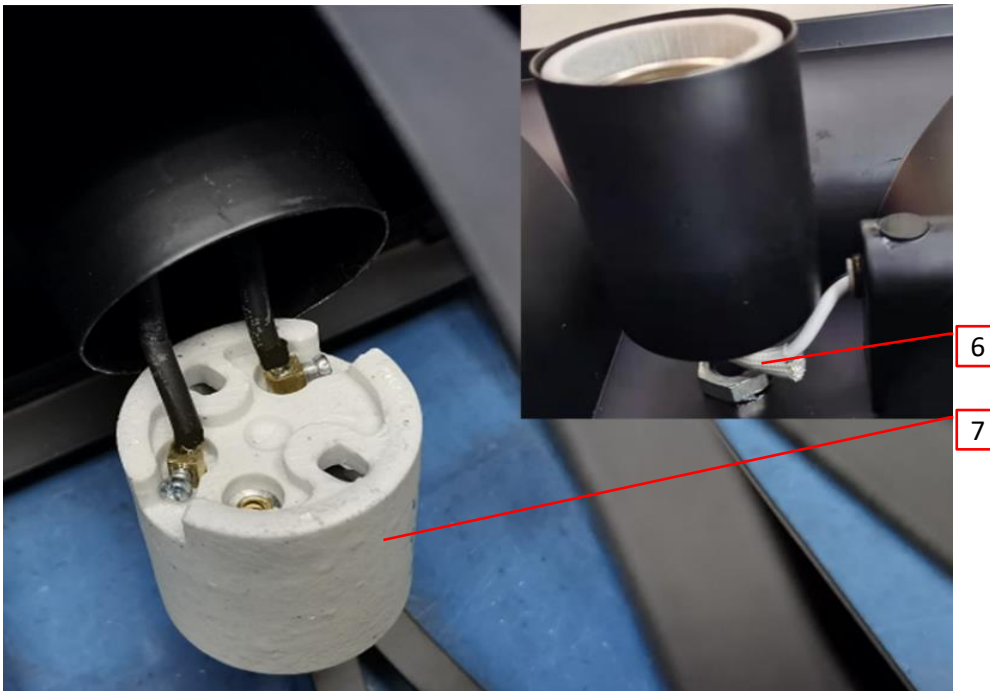


Photo 4 - Lampholder view of model R32076-W, also represent model R32076-WL.



3.0 Product Photographs

Photo 5 - Alternative lampholder view of model R32076-W, also represent model R32076-WL.

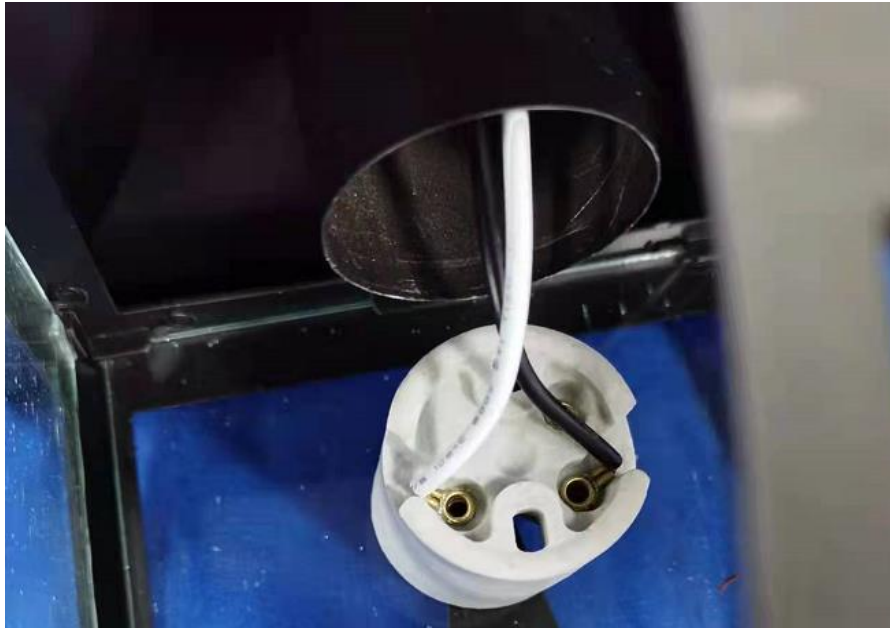


Photo 6 - External view of model R35154-W1B.



3.0 Product Photographs

Photo 7 - Canopy view of model R35154-W1B.

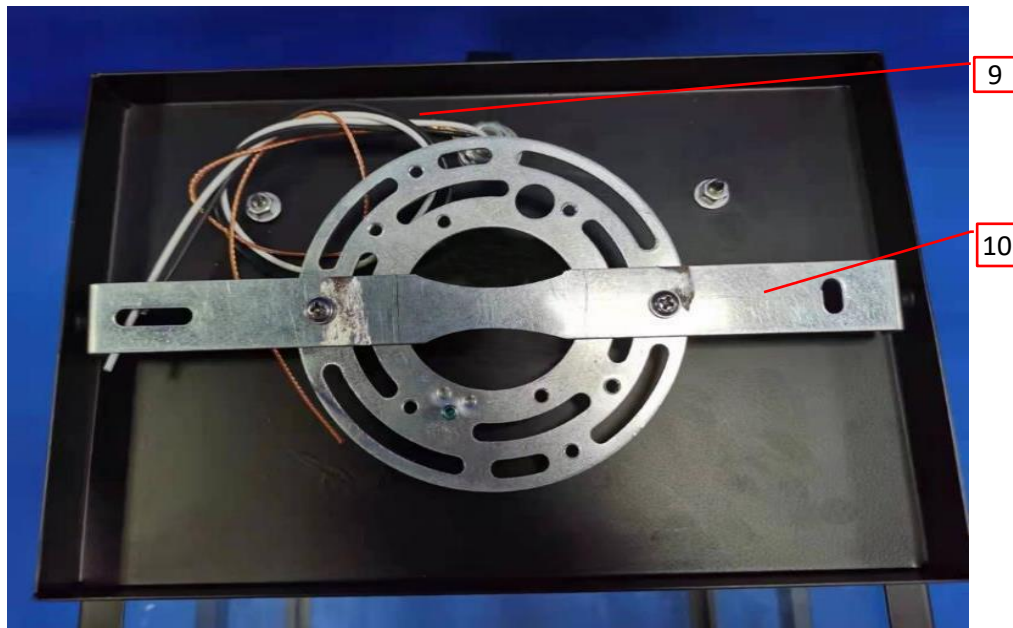


Photo 8 - Lampholder view of model R35154-W1B, also represent model R35154-W1L.



3.0 Product Photographs

Photo 9 - External view of model R35154-W1L.

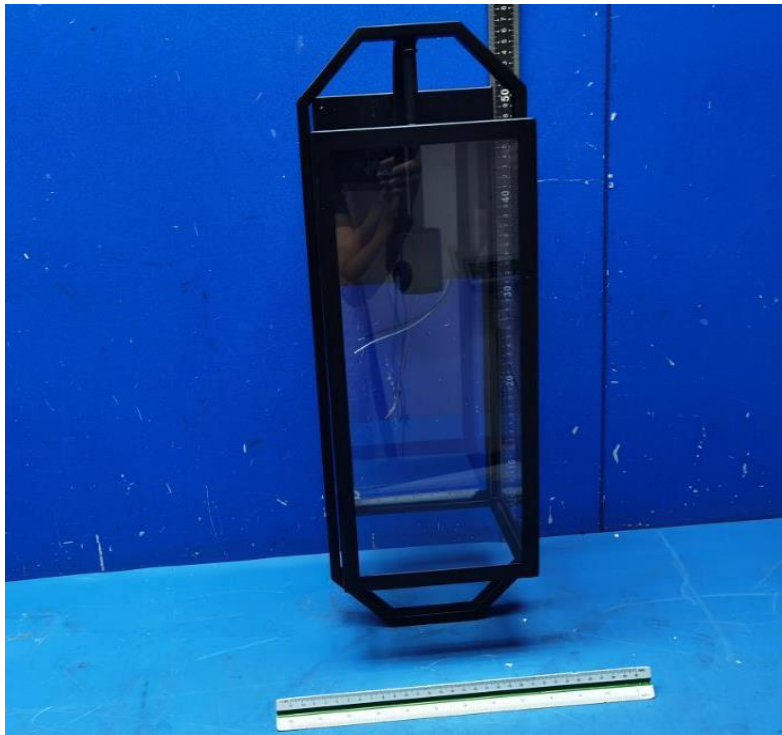
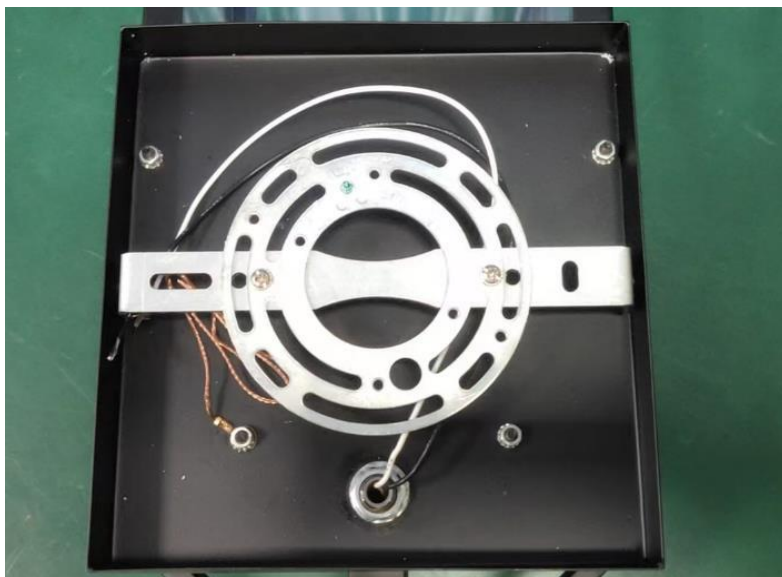


Photo 10 - Canopy view of model R35154-W1L.



3.0 Product Photographs

Photo 11 - External view of model R39283-W1.

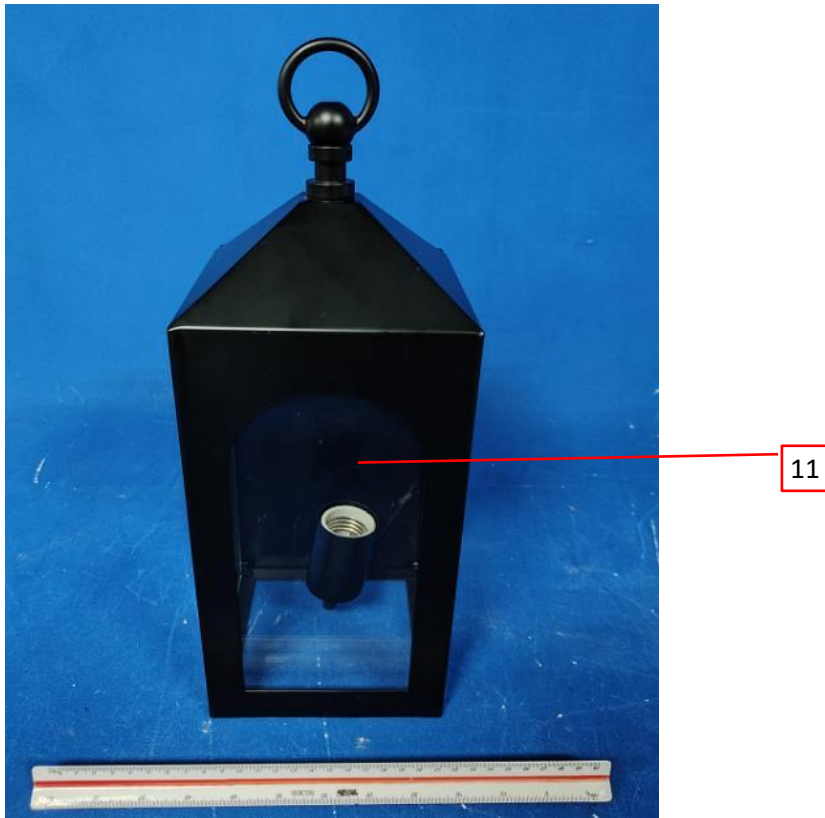
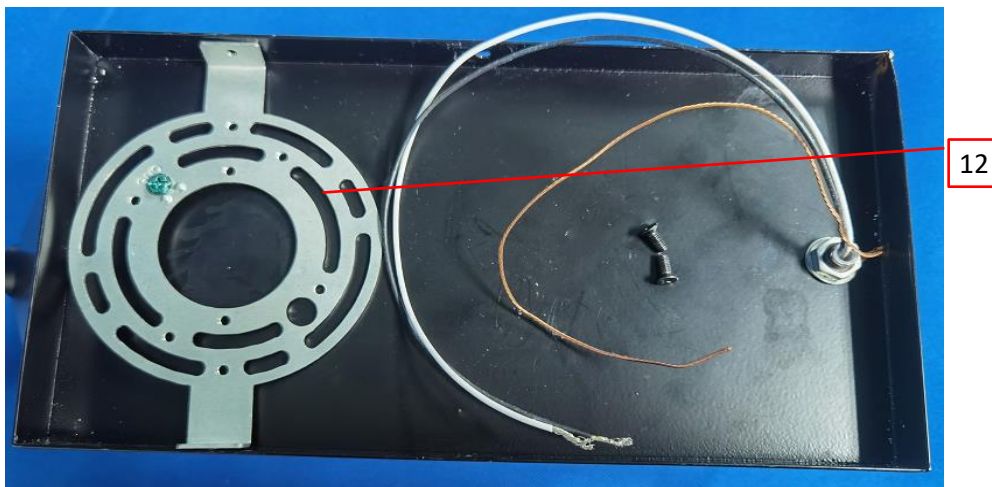


Photo 12 - Canopy view of model R39283-W1.



3.0 Product Photographs

Photo 13 - Lampholder view of model R39283-W1.

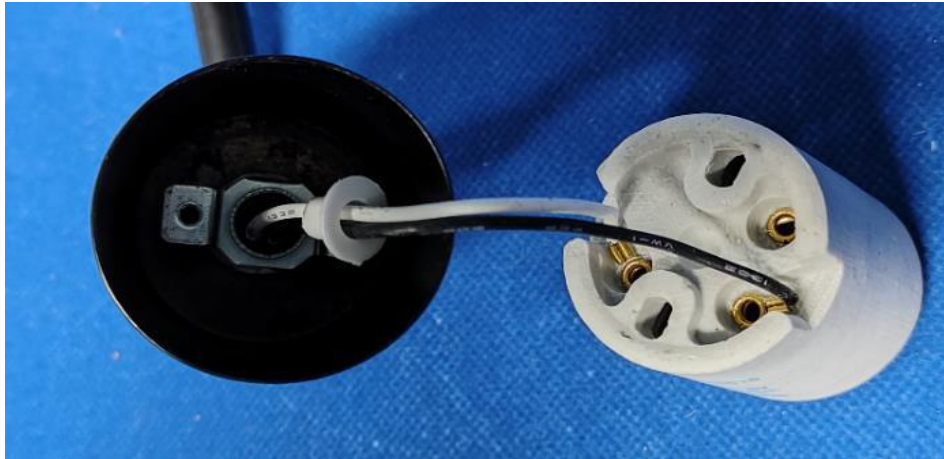


Photo 14 - External view of model R39283-W2-L2 (size: L236mm*W216mm*H526mm)(Final shipment without lamp).

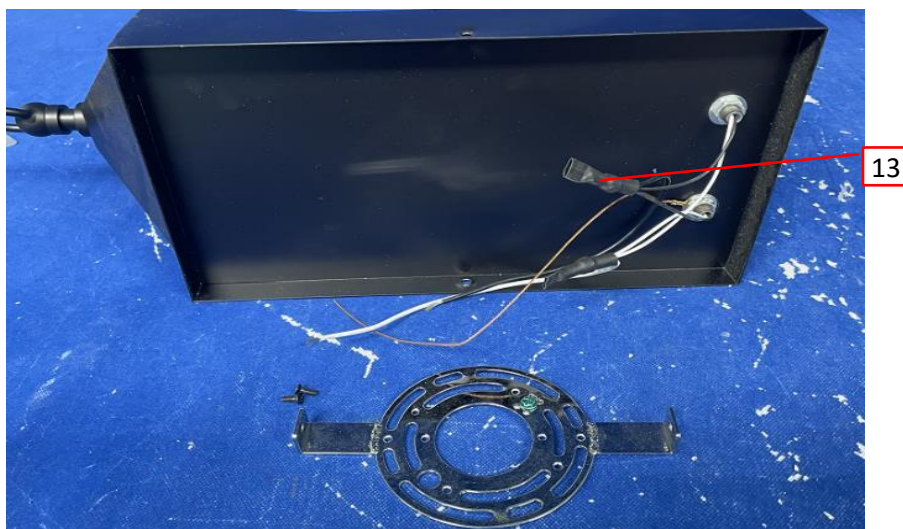


3.0 Product Photographs

Photo 15 - External view of model R39283-W2-M2.



Photo 16 - Canopy view of model R39283-W2-M2, also represent model R39283-W2-L2.



3.0 Product Photographs

Photo 17 - External view of model R39283-2-H2.

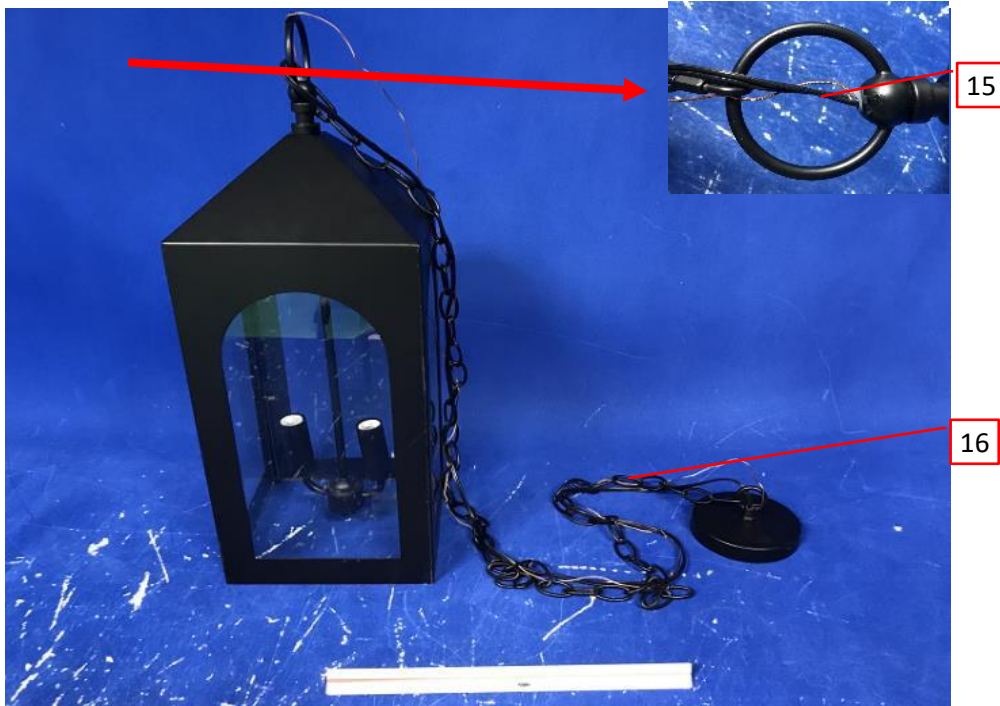
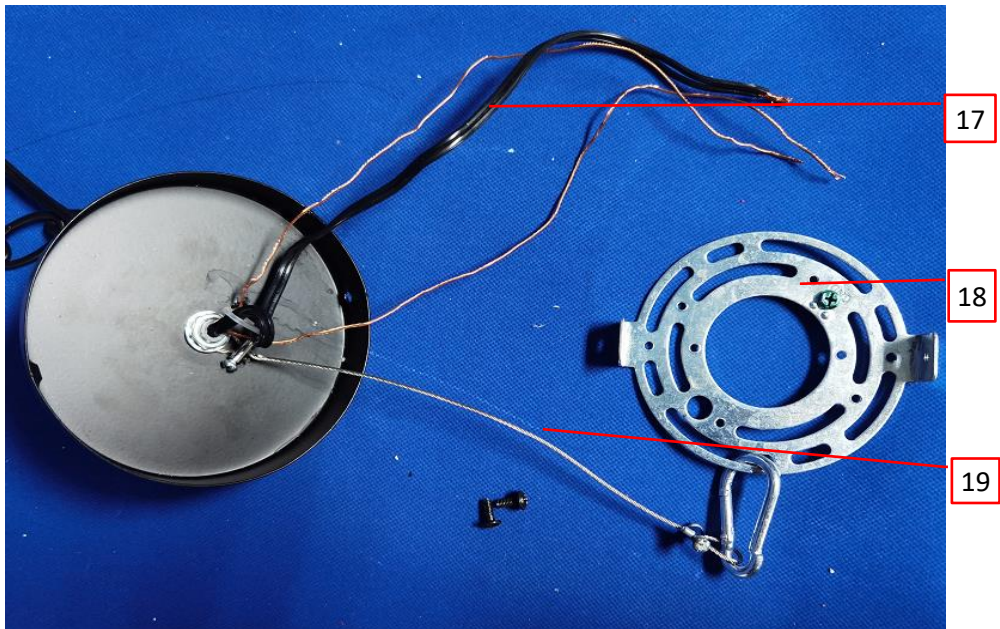


Photo 18 - Canopy view of model R39283-2-H2.



3.0 Product Photographs

Photo 19 - Internal view of model R39283-2-H2.



Photo 20 - External view of model R39283-2-F2.



3.0 Product Photographs

Photo 21 - Canopy view of model R39283-2-F2.

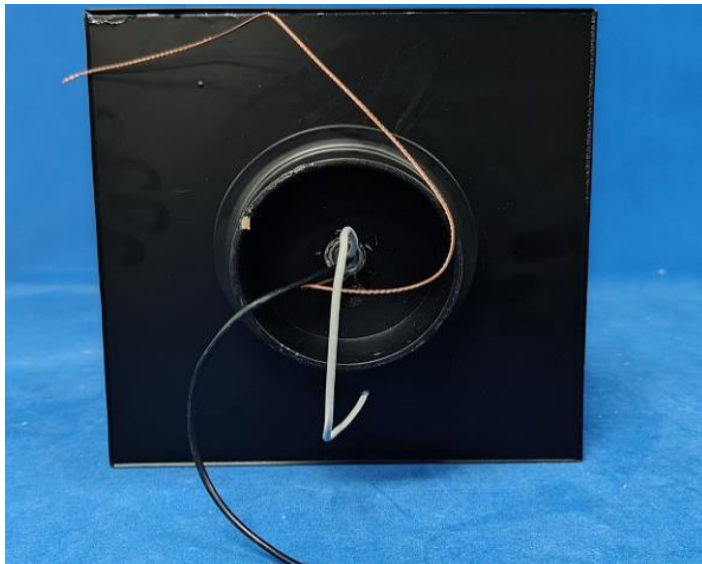


Photo 22 - External view of model R39284-2-W2M.



3.0 Product Photographs

Photo 23 - Lampholder view of model R39284-2-W2M, also represent models R39283-W2-M2, R39283-W2-L2, R39283-2-H2, R39283-2-F2.

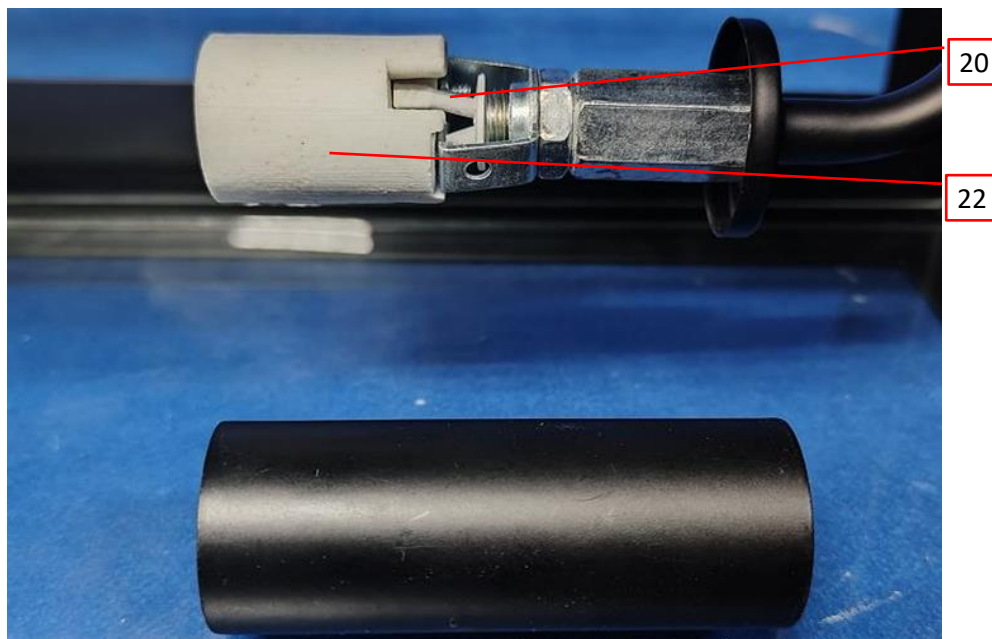


Photo 24 - External view of model R39284-2-W2S.

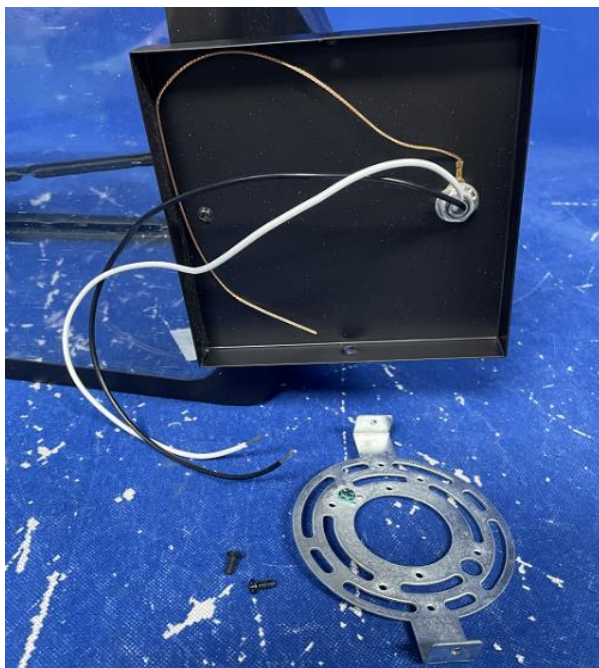


3.0 Product Photographs

Photo 25 - Lampholder view of model R39284-2-W2S.



Photo 26 - Canopy view of model R39284-2-W2S, also represent model R39284-2-W2M.

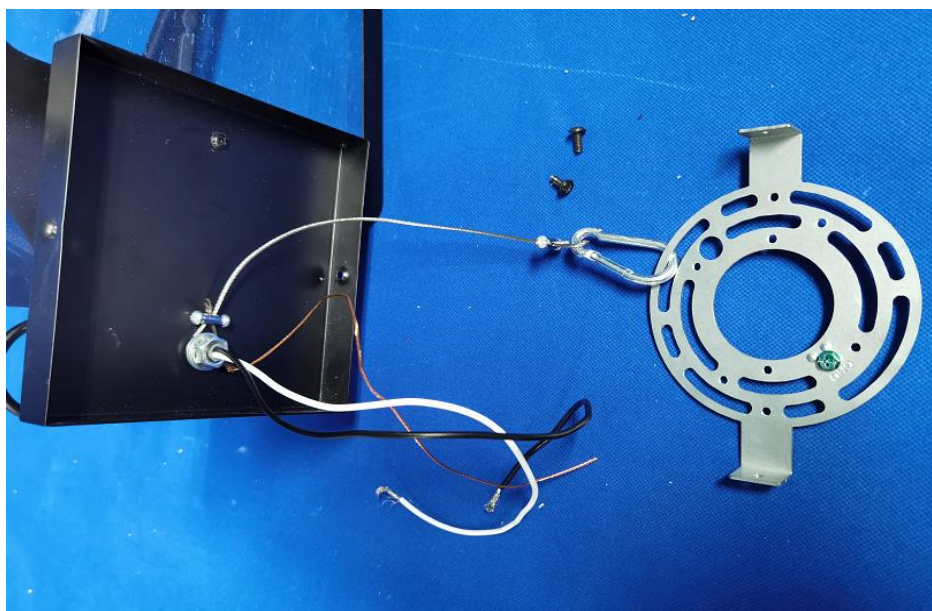


3.0 Product Photographs

Photo 27 - External view of model R39284-W3.



Photo 28 - Canopy view of model R39284-W3.



3.0 Product Photographs

Photo 29 - Lampholder view of model R39284-W3.



Photo 30 - Internal view of model R39284-W3, also represent models R39284-2-W2S, R39284-2-W2M, R39283-2-F2. Differece is wiring quantity.



3.0 Product Photographs

Photo 31 - External view of model R39286-W1M.



Photo 32 - External view of model R39286-W1L.



3.0 Product Photographs

Photo 33 - Canopy view of model R39286-W1L, also represent model R39286-W1M.

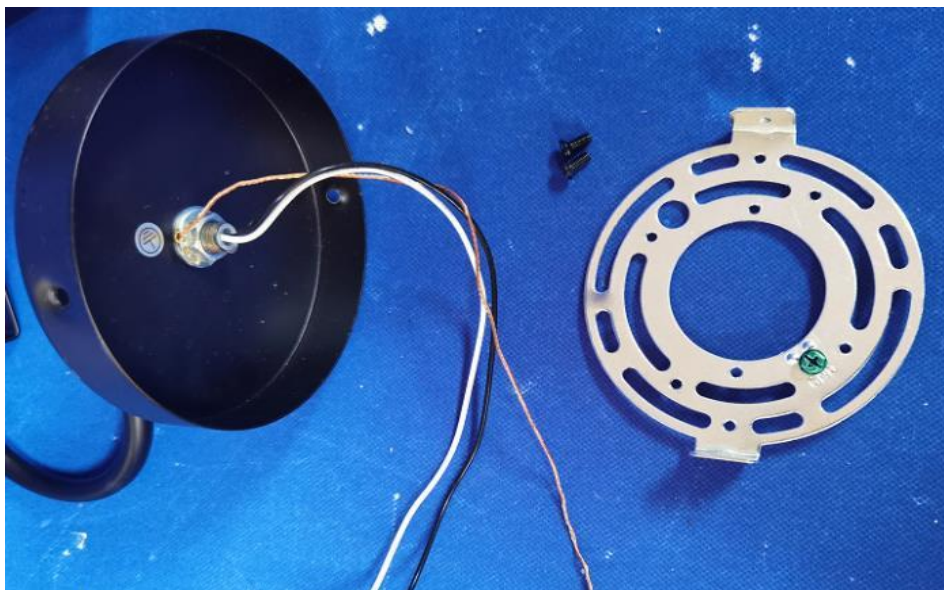
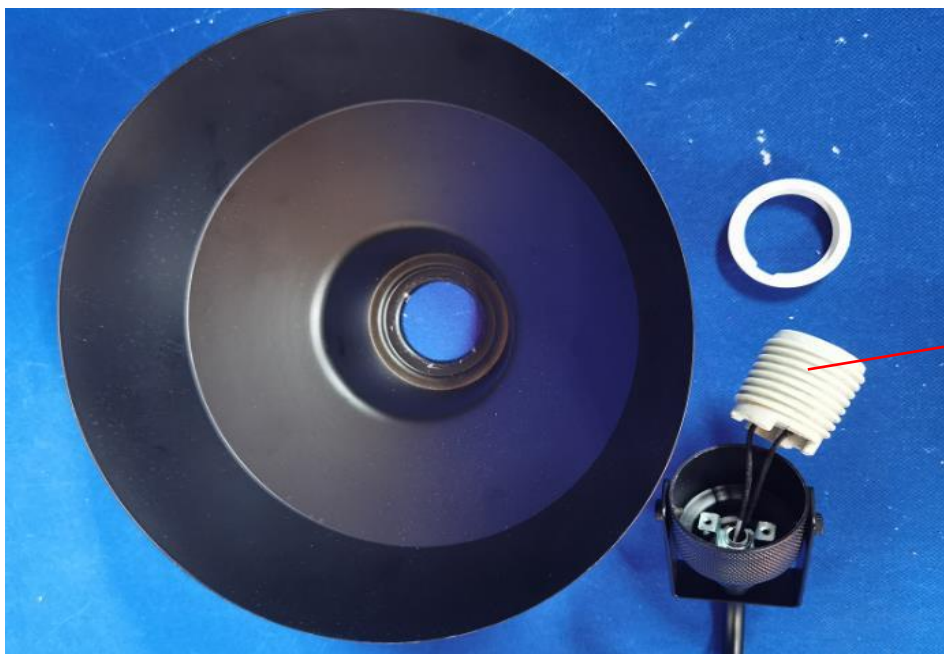


Photo 34 - Lampholder view of model R39286-W1L, also represent model R39286-W1M.



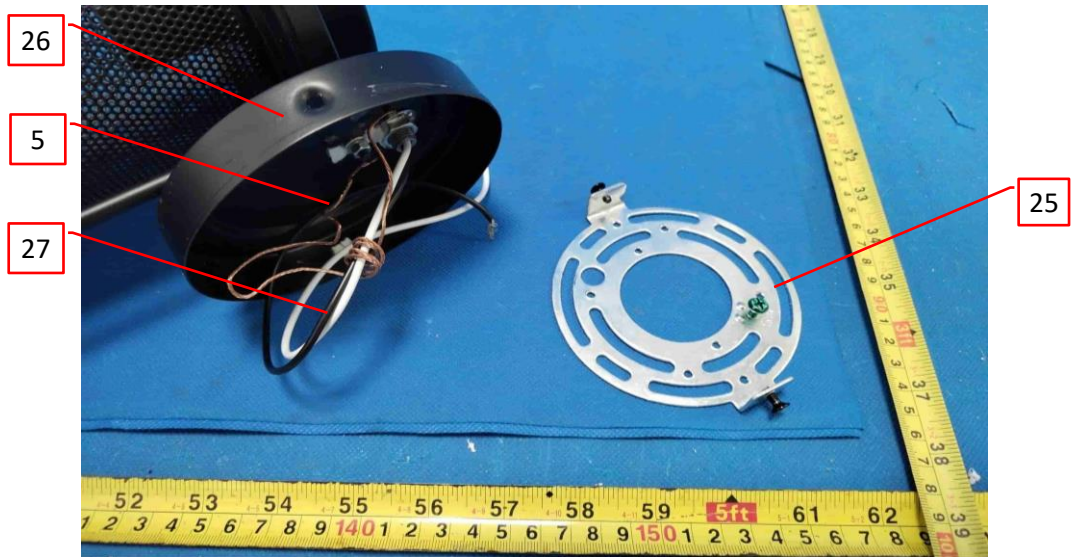
23

3.0 Product Photographs

Photo 35 - External view of model R41632-W.



Photo 36 - Internal view of model R41632-W.



3.0 Product Photographs

Photo 37 - Internal view of model R41632-W.



Photo 38 - External view of model R41886-W1A.



3.0 Product Photographs

Photo 39 - Internal view of model R41886-W1A.

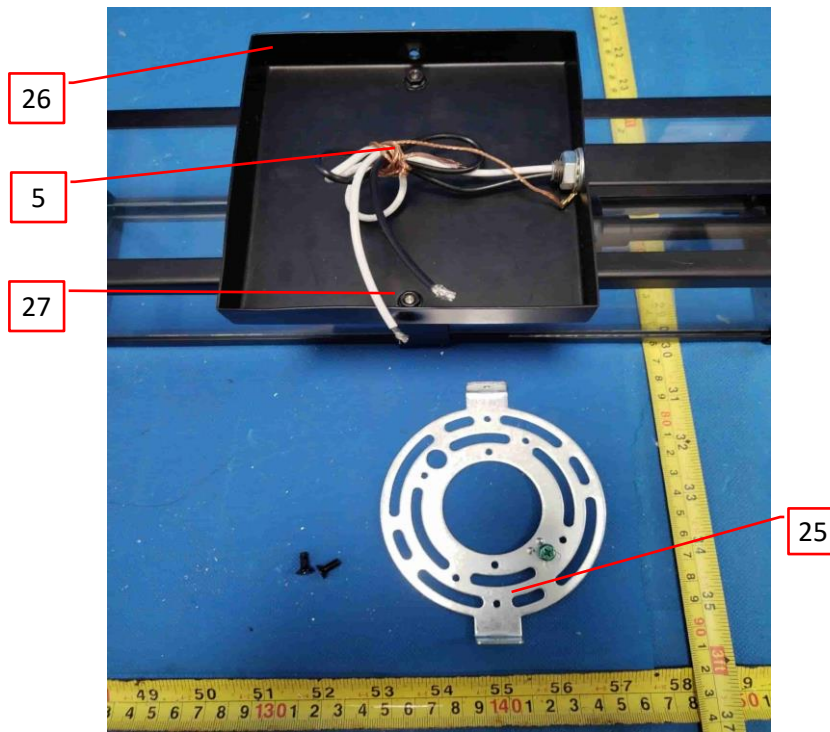


Photo 40 - External view of model R41886-W1B.



3.0 Product Photographs

Photo 41 - Internal view of model R41886-W1B.

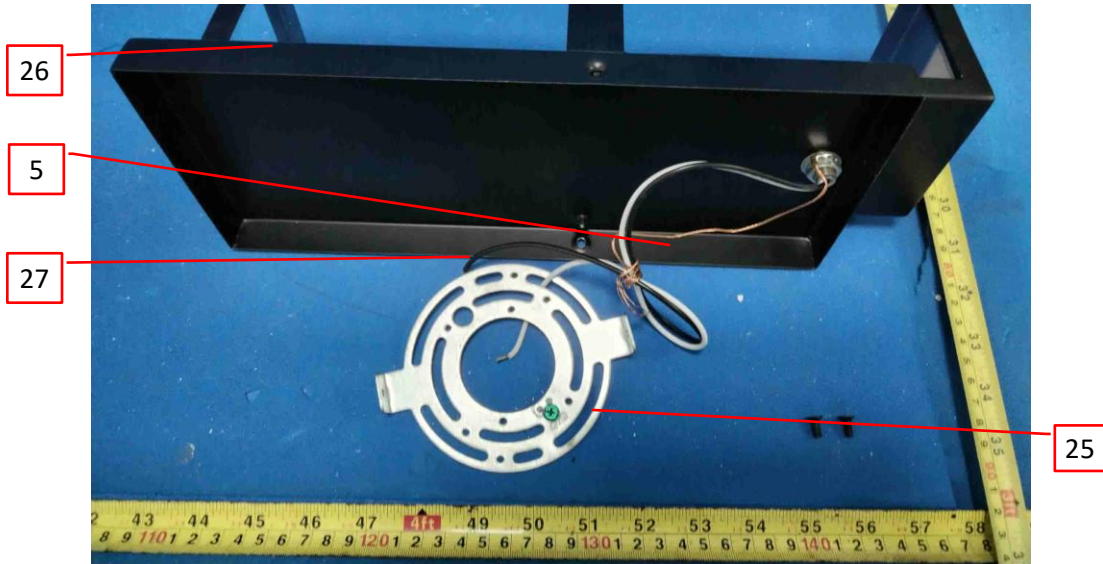
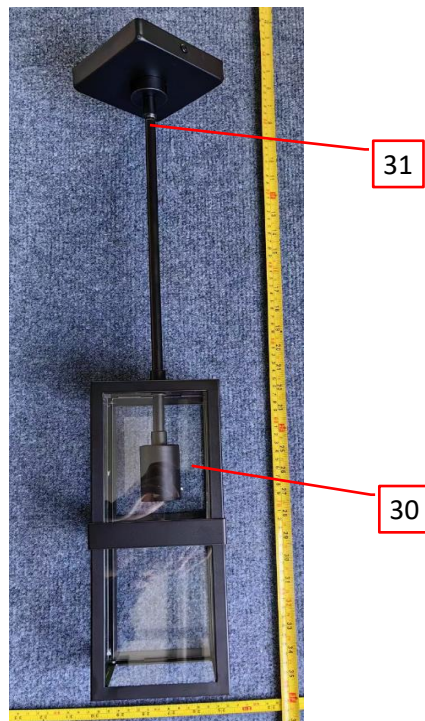


Photo 42 - External view of model R41886-H1.



3.0 Product Photographs

Photo 43 - Internal view of model R41886-H1.

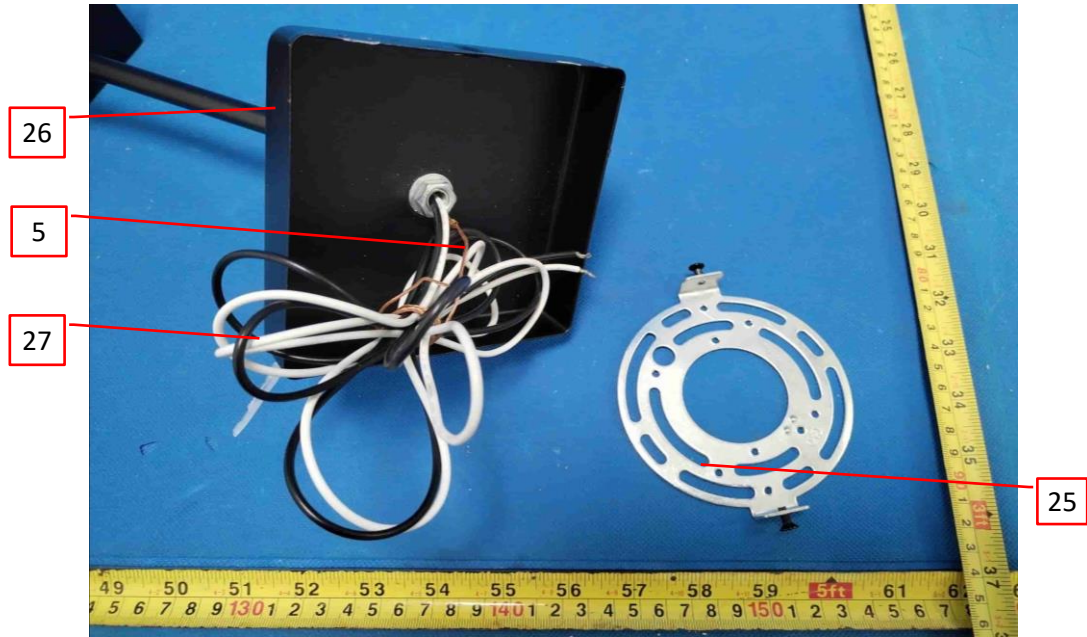
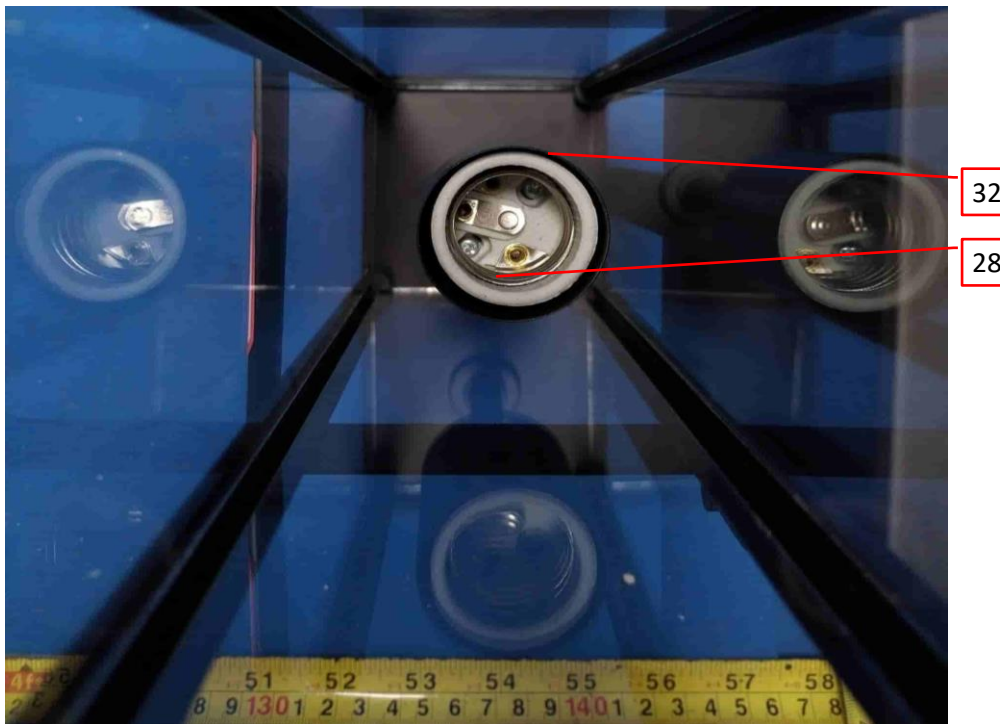


Photo 44 - Internal view of model R41886-H1 also represents models R41886-W1A and R41886-W1B.



3.0 Product Photographs

Photo 45 - External view of model R41886-C2S.

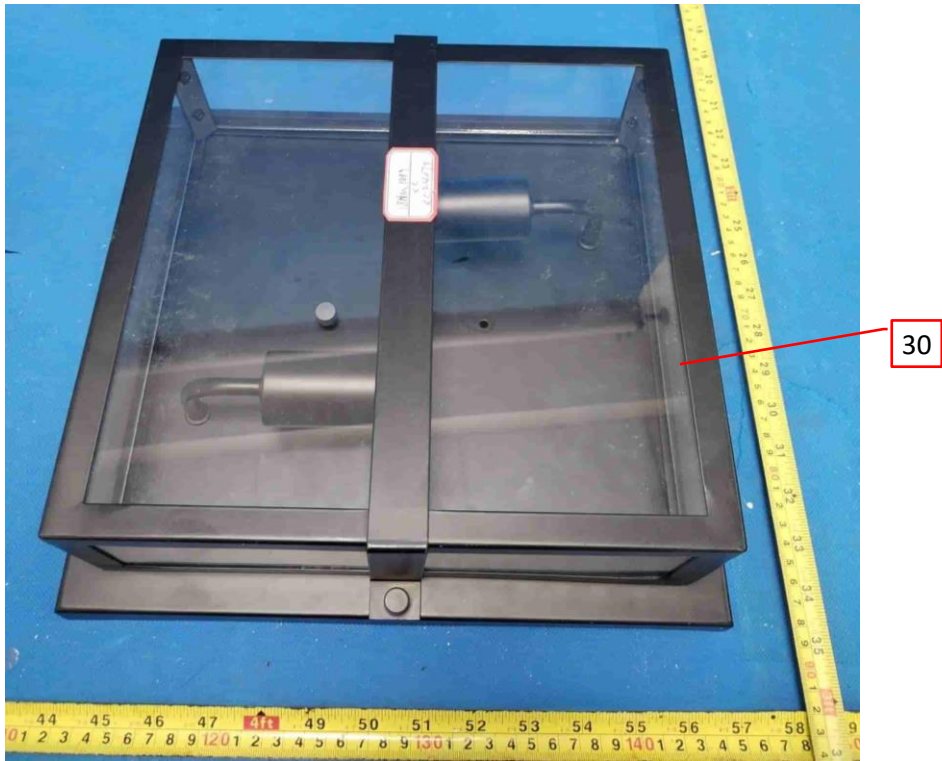
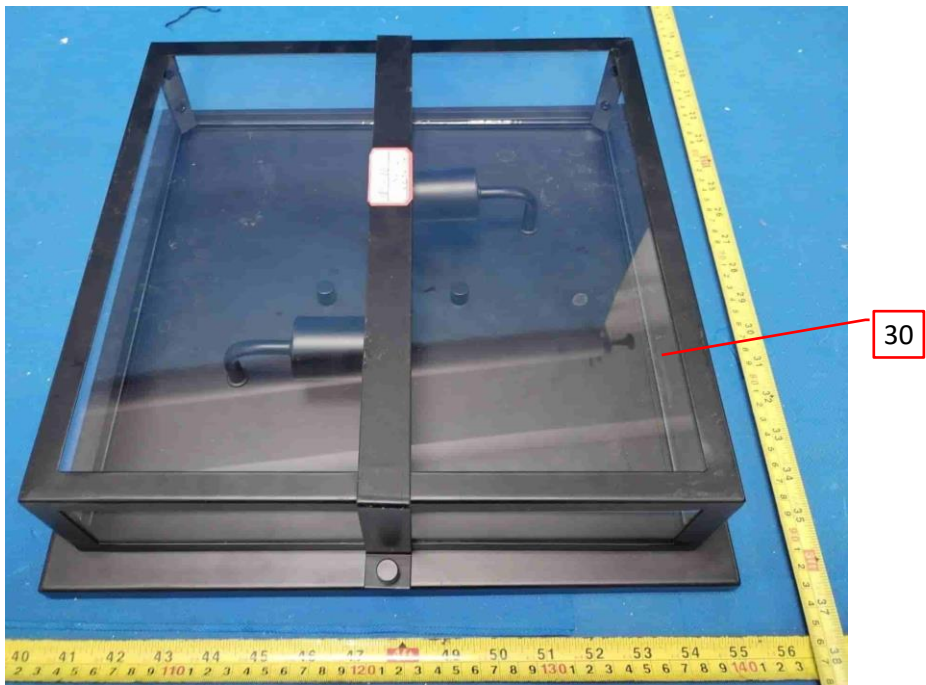


Photo 46 - External view of model R41886-C2L.



3.0 Product Photographs

Photo 47 - Internal view of model R41886-C2L also represents models R41886-C2S.

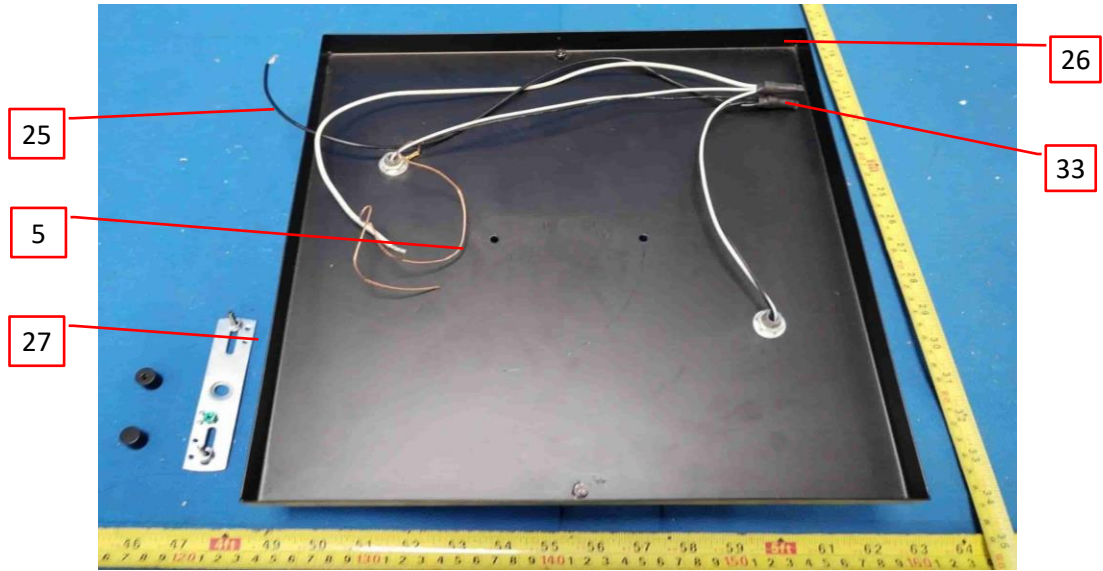


Photo 48 - Internal view of model R41886-C2L also represents models R41886-C2S.



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	Enclosure	Various	Various	Painted steel metal with min.0.8 mm thick. For all models.	NR
1	2	Gasket -1	Various	Various	Silicone material with min.1.0 mm thick, used for waterproof.	NR
3	3	Supply wire	Various	Various	AWM, min. 300V, min. 105°C, min. 18AWG. Connect to branch circuit. Supply conductors long enough to extend not less than 150 mm into the outlet box. For models R32076-W, R32076-WL, R39283-W1, R39283-W2-M2, R39283-W2-L2, R39283-2-F2, R39284-2-W2S, R39284-2-W2M, R39284-W3, R39286-W1M, R39286-W1L.	cURus or cETLus Recognized
3	4	Mounting plate	Various	Various	Sheet steel with min. thickness 1.40mm. For models R32076-W, R32076-WL.	NR
3, 36, 39, 41, 43, 47	5	Grounding wire	Various	Various	Bare copper wire. Minimum size: 18AWG.	NR
4	6	Fiberglass sleeving	Various	Various	Served as mechanical protection with min. 0.25mm thickness.	NR
4	7	Lampholder	Various	Various	E26 base, 250V, min.250W, Ceramic body without outer screw thread. Screwshell shall be copper, copper alloy of at least 80 percent copper, nickel alloy, or stainless steel. For models R32076-W, R32076-WL, R35154-W1B, R35154-W1L, R39283-W1.	cULus or cETLus
1	8	Labels (Not shown)	Various	Various	Min. 150°C when attached on metal surface. complied with UL969.	UR
7	9	Supply wire -2	Various	Various	AWM, min. 300V, min. 150°C, 18AWG. Connect to branch circuit. Supply conductors long enough to extend not less than 150 mm into the outlet box. For models R35154-W1B, R35154-W1L.	cURus or cETLus Recognized
7	10	Mounting plate -2	Various	Various	Sheet steel with min. thickness 1.40mm. For model R35154-W1B, R35154-W1L.	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
11	11	Diffuser -1	Various	Various	Flat glass, measured min. 2.11mm thick. Secured to metal frame and lamp housing by metal clip. For models R39283-W1, R39283-W2-M2, R39283-W2-L2, R39283-2-F2, R39283-2-H2, R39284-2-W2S, R39284-2-W2M, R39284-W3.	NR
12	12	Mounting plate -3	Various	Various	Sheet steel metal, with thickness min. 1.2mm. For models R39283-W1, R39283-W2-M2, R39283-W2-L2, R39284-2-W2S, R39284-2-W2M, R39284-W3.	NR
16	13	Heat-shrinkable tube-1	Various	Various	Min.125°C, min. 300V, VW-1, used to cover closed-end connector.	cURus
16	14	Closed-end connector (not shown)	Various	Various	300V; 105°C; VW-1; suitable for 2~6x 18~20 AWG wire 's connection.	cURus
17	15	Glue	Various	Various	Silicone material, used for waterproof. For model R39283-2-H2.	NR
17	16	Chain	Various	Various	Sheet steel metal with min. Ø3mm. For model R39283-2-H2.	NR
18	17	Flexible Cord -1	Various	Various	SPT-1W, 2 x 18AWG, 300Vac, 105°C, VW-1, routed through the chain, At least 150mm long to extend into outlet box for field wiring. For model R39283-2-H2.	cULus or cETLus
18	18	Mounting plate -4	Various	Various	Sheet steel metal, with thickness min. 1.2mm. For models R39283-2-H2, R39286-W1M, R39286-W1L.	NR
18	19	Inspection and Suspending string -1	Various	Various	Made of steel metal. Diameter: min. 1.4mm. Used between canopy and mounting bar/plate. For models R39283-2-H2, R39284-W3.	NR
23	20	Heat-shrinkable tube-2	Various	Various	Min.125°C, min. 300V, VW-1. Use to cover lampholder wire terminals for insulation. For models R39283-W2-M2, R39283-W2-L2, R39283-2-H2, R39283-2-F2, R39284-2-W2S, R39284-2-W2M, R39284-W3.	cURus
23	21	Lampholder wire -1 (not shown)	Various	Various	AWM, min. 18AWG, VW-1, min. 600V, min. 105°C. Connected to lampholder. For models R39283-W2-M2, R39283-W2-L2, R39283-2-H2, R39283-2-F2, R39284-2-W2S, R39284-2-W2M, R39284-W3.	cURus or cETLus Recognized

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
23	22	Lampholder -2	Various	Various	E12 base, min. 125V, min. 75W, ceramic body without outer screw. Screwshell shall be copper, copper alloy of at least 80 percent copper, nickel alloy, or stainless steel. For models R39283-W2-M2, R39283-W2-L2, R39283-2-H2, R39283-2-F2, R39284-2-W2S, R39284-2-W2M, R39284-W3.	cULus or cETLus
34	23	Lampholder -3	Various	Various	E26 base, min. 250V, min.250W, Ceramic body with outer screw thread. Screwshell shall be copper, copper alloy of at least 80 percent copper, nickel alloy, or stainless steel. For models R39286-W1M, R39286-W1L.	cULus or cETLus
35	24	Lamp Housing	Various	Various	Metal, measured min. 0.51mm thick.	NR
36, 39, 41, 43, 47	25	Mounting Means	Various	Various	Plated or painted steel, measured min. 1.3mm thick.	NR
36, 39, 41, 43, 47	26	Canopy	Various	Various	Metal, measured min. 0.51mm thick.	NR
36, 39, 41, 43, 47	27	Supply Conductors	Various	Various	Rated min. 300V, min. 105°C, min. 18 AWG.	cURus or cETLus Recognized
37, 44, 48	28	Lampholder	Various	Various	Medium base, porcelain body, rated min. 250V, min. 250W, wired with min. 18AWG, min. 105°C, min. 300V leads. The lampholder screwshells of the luminaire shall be copper, copper alloy of at least 80 percent copper, nickel alloy, or stainless steel.	cULus or cCSAus or cETLus
37	29	Diffuser	Various	Various	Glass, secured to lampholder by ring of lampholder, measured min. 2mm thick.	NR
38, 40, 42, 45, 46	30	Diffuser	Various	Various	Glass, secured to metal frame by screws, measured min. 2.5mm thick.	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
42	31	Swivel	Various	Various	Plated or painted steel, min. 1mm thick. Provided with integral stop to limit the rotation not to exceed 370 degrees.	NR
44, 48	32	Lampholder Housing	Various	Various	Metal, measured min. 0.51mm thick.	NR
47	33	Closed-end Connector	Various	Various	Rated 300 V, min. 105°C, suitable for wires gauge.	cULus or cCSAus or cETLus

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 are maintained through air and 6.4 mm minimum spacing maintained over surfaces of insulating material between current-carrying parts of opposite polarity and between such parts and low-voltage circuit or 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 metal or 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 branch circuit.
6. Polarized Connection - This product is provided with a polarized power supply connection. All lampholder centre contact are connected only to the ungrounded supply circuit conductor.
7. Internal Wiring - Internal wiring is routed away from sharp or moving parts. Internal wiring leads terminating in soldered connections are made mechanically secure prior to soldering. Recognized Component separable (quick disconnect) connectors of the positive detent type, closed loop connectors, or other types specifically described in the text of this report are also acceptable as internal wiring terminals. At points where internal wiring passes through metal walls or partitions, the wiring insulation is protected against abrasion or damage by plastic bushings or grommets. All wiring refer to Sec.4.0.
8. Markings - The product is marked on as labeling system as described in item no. 8 of Section 4.0 as follows:
 - applicant's name or brand name
 - model number
 - date of manufacture
 - electrical ratings (volts, wattage & frequency)
9. Cautionary Markings - The following are required:
 - Refer to illustrations 1 and 1a for required text and format
10. Installation, Operating and Safety Instructions - Instructions for installation and use of this product are provided by the manufacturer.
 1. Proper installation and wiring method.
 2. Using circumstance.
 3. Proper maintenance method.
 4. Shall include the description of methods for sealing the mounting surface.
 5. have a note for chain pendant luminaire, the power cord needs to be routed through the chain.

7.0 Illustrations

Illustration 1 - Cautionary Markings

Model	Item
R32076-W, R32076-WL, R35154-W1B, 28240, R35154-W1L, R39283-W1, R39283-W2-M2, R39283-W2-L2, R39284-2-W2S, R39284-2-W2M, R39284-W3, R39286-W1M, R39286-W1L	2.3, 2.10, 2.13, 3.1, 3.18
R39283-2-H2, R39283-2-F2, R41886-H1, 18HM1888	2.3, 3.1, 3.18
R41632-W, 18HM163, R41886-W1A, 18HM1886, R41886-W1B, 18HM1887	2.3, 2.10, 3.1, 3.18
R41886-C2S, 18HM1889, R41886-C2L, 18HM1880	1.1, 1.31, 2.2, 3.1, 3.18, G.3.3.4

Item	Marking	Text / Format
2.3	SUITABLE FOR WET LOCATIONS CONVIENT AUX EMPLACEMENTS MOUILLÉS	Verbatim S16-L2
2.10	WALL MOUNT ONLY INSTALLATION MURALE SEULEMENT	Verbatim S16-L2
2.13	MOUNTING ORIENTATION - (such as base up) SENS DE MONTAGE [par exemple, cette extrémité vers le haut]	S16-L2
3.1	MAX ___ WATTS TYPE ___ or MAX ___ W TYPE ___	Verbatim S32-L1 for "MAX" and S16-L1 for remainder of marking text
3.18	CAUTION - RISK OF FIRE ATTENTION - RISQUE D'INCENDIE	Verbatim S24-L1
G.3.3.4	CAUTION - RISK OF FIRE. USE ONLY LED LAMPS IN THIS LUMINAIRE. INCANDESCENT AND HALOGEN LAMPS MAY CAUSE SEVERE THERMAL DAMAGE	S24-L1
	ATTENTION - RISQUE D'INCENDIE. N'UTILISEZ QUE DES LAMPES À LED DANS CELUMINAIRE. LES LAMPES À INCANDESCENCE ET LES LAMPES HALOGÈNESPEUVENT CAUSER DE GRAVES DOMMAGES THERMIQUES	
1.1	MIN 90 °C SUPPLY CONDUCTORS LES FILS D'ALIMENTATION 90 °C MIN	Verbatim S16-L3 and S32-L4
1.31	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	S24-L4
	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	
2.2	SUITABLE FOR DAMP LOCATIONS CONVIENT AUX EMPLACEMENTS HUMIDES	Verbatim S16-L2

7.0 Illustrations

Illustration 1a - Cautionary Markings Format

Format minimum size designation for marking height and typeface (clause 20.1.3)

Size Designation	Letter Height		Font Size (points)	Font typeface,
	(mm)	(in)		upper case
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

Format Location Designation for Marking

Location Designation	Description	Label exposed to a dry/damp environment	Label exposed to a wet environment
L1	Visible during relamping, after installation	Type P	Type P
L2	Visible during installation	Type N	Type P
L3	Visible during installation and inspection of wire connections, located near the supply connections	Type N	Type P
L4	On the smallest unit package or carton	Type T	Type T
L5	On an instruction sheet or tag, or manufacturers website	Type T	Type T
L6	Visible during component replacement	Type P	Type P

Note:

Type P designates a permanent label or nameplate that is intended to remain in the applied position for the lifetime of the luminaire under conditions of normal use. It provides information required for user maintenance over the expected life of the product. It is made of metal, plastic, or other material that complies with Clause 20.1.7.

Type N designates a non-permanent label or nameplate that is intended to remain in place only for the purpose of installation. It shows the certification mark, manufacturer's identification, and product identification. It is made of paper with an adhesive backing.

Type T designates a temporary label, instruction sheet, or tag that is not required after installation. It provides installation instructions, and information not required after installation. It is made of printed matter with or without adhesive and/or attachment, and is intended to be included with, or attached to, the product.

7.0 Illustrations

Illustration 2 - Model Similarity

All models have the similar mechanical and electrical construction except overall size and model name.

Note:

1. The suffix "up to six characters" denoted finish color and business code.

Model no.	Difference
R32076-W, R32076-WL	Same construction, except overall size and model name.
R32076-W, 28235	Same construction, except model name.
R32076-WL, 28236	
R35154-W1L, 28240	
R39283-W1, 7801	
R39283-W2-M2, 7802	
R39283-W2-L2, 7812	
R39283-2-F2, 7822	
R39283-2-H2, 7832	
R39284-2-W2S, 7902	
R39284-2-W2M, 7912	
R39284-W3, 7923	
R39286-W1M, 71001	
R39286-W1L, 71101	
R41632-W, 18HM163	Same construction, except model name and colour

Main Model No.	Alternate Model No.	
R41886-W1A	18HM1886	Alternate model is identical to main model except for the model designation which no safety concern for market purpose.
R41886-W1B	18HM1887	
R41886-H1	18HM1888	
R41886-C2S	18HM1889	
R41886-C2L	18HM1880	

7.0 Illustrations

Illustration 3 - Rating



120V, 60Hz

Model No.	Lampholder Type	Mounting Type	Lamps
R32076-W	E26	Wall	1 X Max.60W type A incandescent lamp or Max. 30W SBCFL lamp or Max.16W listed SBLED lamp.
R32076-WL	E26	Wall	1 X Max.60W type A incandescent lamp or Max. 30W SBCFL lamp or Max.16W listed SBLED lamp.
R35154-W1B, R35154-W1L	E26	Wall	1 X Max.60W type A incandescent lamp or Max. 30W SBCFL lamp or Max.16W listed SBLED lamp.
R39283-W1, R39286-W1M, R39286-W1L	E26	Wall	1 X Max.60W type A incandescent lamp or Max. 30W SBCFL lamp or Max.16W listed SBLED lamp.
R39283-W2-M2, R39283-W2-L2,	E12	Wall	2 X Max.40W type B incandescent lamp or Max. 20W SBCFL lamp or Max.13W listed SBLED lamp.
R39284-W3	E12	Wall	3 X Max.40W type B incandescent lamp or Max. 20W SBCFL lamp or Max.13W listed SBLED lamp.
R39283-2-F2	E12	Pole	2 X Max.40W type B incandescent lamp or Max. 20W SBCFL lamp or Max.13W listed SBLED lamp.
R39283-2-H2	E12	Pendant	2 X Max.40W type B incandescent lamp or Max. 20W SBCFL lamp or Max.13W listed SBLED lamp.
R41632-W, 18HM163, R41886-W1A, 18HM1886, R41886-W1B, 18HM1887	E26	Wall	120 V, 60 Hz, Incandescent Lamp, Type A, maximum 60 W; Self-ballasted Compact Fluorescent Lamp, maximum 20 W; or Self-Ballasted Light Emitting Diode (LED) lamps, maximum 13 W.
R41886-H1, 18HM1888		Pendant	
R41886-C2S, 18HM1889, R41886-C2L, 18HM1880		Ceiling	

8.0 Test Summary			
Evaluation Period	26-Nov-2021 to 20-Dec-2021		Project No. 211126179GZU
Sample Rec. Date	26-Nov-2021	Condition Prototype	Sample ID. S211126179-001
Test Location	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room 02, & 101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2. Caipin Road, Science City, GETDD, Guangzhou, Guangdong, 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] / Clause	[CSA C22.2#250.0:20 21 Ed.5] / Clause	-
Normal Temperature Test	15	15	-
Rain Test	17.5.2	17.5.2	-
Paint Adhesion	17.5.12	17.5.12	-
Loading Test	17.15	17.15	-
Ground-Screw Assembly Strength Test	17.39	17.39	-
Dielectric Voltage-Withstand Test	18.1	18.1	-
Bonding Impedance Test	18.2	18.2	-
Evaluation Period 06-Jan-2022 to 13-Jan-2022 Project No. 220106048GZU			
Sample Rec. Date 6-Jan-2022 Condition Prototype Sample ID. S220106048-001			
Test Location Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room 02, & 101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2. Caipin Road, Science City, GETDD, Guangzhou, Guangdong, 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] / Clause	[CSA C22.2#250.0:20 21 Ed.5] / Clause	-
Rain Test	17.5.2	17.5.2	-
Paint Adhesion	17.5.12	17.5.12	-
Loading Test	17.15	17.15	-
Ground-Screw Assembly Strength Test	17.39	17.39	-
Dielectric Voltage-Withstand Test	18.1	18.1	-
Bonding Impedance Test	18.2	18.2	-

8.0 Test Summary			
Evaluation Period	08-Mar-2022 to 21-May-2022		Project No. 220308040GZU
Sample Rec. Date	6-Jan-2022	Condition Prototype	Sample ID. S220308040-001
Test Location	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room 02, & 101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2. Caipin Road, Science City, GETDD, Guangzhou, Guangdong, 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] / Clause	[CSA C22.2#250.0:20 21 Ed.5] / Clause	-
Rain Test	17.5.2	17.5.2	-
Paint Adhesion	17.5.12	17.5.12	-
Loading Test	17.15	17.15	-
Ground-Screw Assembly Strength Test	17.39	17.39	-
Dielectric Voltage-Withstand Test	18.1	18.1	-
Bonding Impedance Test	18.2	18.2	-
Evaluation Period 10-Oct-2023 to 20-Dec-2023 Project No. 231010094GZU			
Sample Rec. Date	10-Oct-2023	Condition Prototype	Sample ID. S231010094-001~010
Test Location	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room101/301/401/102/202/302/402/502/602/702/802, No. 7-2, Caipin Road, Huangpu District, Guangzhou, Guangdong, 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] / Clause	[CSA C22.2#250.0:20 21 Ed.5] / Clause	-
Normal temperature Test	15	15	-
Rain Test	17.5.2	17.5.2	-
Paint Adhesion	17.5.12	17.5.12	-
Loading Test	17.15	17.15	-
Movable Joint Torsion and Pull Test	17.20	17.20	-
Ground-screw assembly strength	17.39	17.39	-
Dielectric Voltage-withstand Test	18.1	18.1	-
Bonding Impedance Test	18.2	18.2	-

8.0 Test Summary			
Evaluation Period	8-Jan-2025 to 10-Jan-2025		Project No. G106139913
Sample Rec. Date	2-Jan-2025	Condition	Prototype
			Sample ID. 24122701J02
Test Location	DongGuan Great Consultant Service (GCS) Co., Ltd. 5th Floor, Block A, Fangzhong Jin'ao Garden No. 33, Dongcheng Road, Guancheng Street, Dongguan City, Guangdong Province, 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 Clause	CSA C22.2#250.0:20 21 Ed.5 Clause	
Normal Temperature Tests - Surface ceiling luminaires	15.2	15.2	
Normal Temperature Tests - Surface wall luminaires	15.3	15.3	
Wet locations - Rain	17.5.2	17.5.2	
Loading	17.15	17.15	
Movable Joint Torsion And Pull Test	17.20	17.20	
Dielectric Voltage - Withstand	18.1	18.1	
Bonding Circuit Impedance	18.2	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:	Jack Shyu	Reviewed by:	Scott Peterson
Title:	Sr. Project Engineer	Title:	Senior Staff Engineer
Signature:		Signature:	

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	Ruee Appliances Co., Ltd
Address	No.100 Jintong Road, Jiangsha Industry, Tangxia Town, Pengjiang Section, JIANGMEN Guangdong
Country	CHINA
Product	Fixed Luminaire

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 Shenzhen Limited Guangzhou Branch

ETL Component Evaluation Center

Room 101/301/401/102/202/302/402/502/602/702/802, No. 7-2, Caipin Road, Huangpu District

Guangzhou, Guangdong, China

Attn: Ms. Joey Kuang

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

- Dielectric Voltage Withstand Test or Insulation Resistance Test
- Grounding Continuity Test
- Polarity Test
- Accessible Edges Test

11.1 Dielectric Voltage Withstand Test

Method:

One hundred percent of production of the products covered by this Report shall be subjected to a routine production line dielectric withstand test.

The test shall be conducted on products, which are fully assembled. Prior to applying the test potential, switches, contractors, relays, etc., should be closed so that all primary circuits are energized by the test all potential. If all primary circuits cannot be tested at one time, then separate applications of the test potential shall be made.

The test voltage specified below shall be applied between Primary wiring, including connected components, and accessible dead metal parts of a portable luminaire that are likely to become energized, including those parts that are accessible only during relamping. The test voltage may be gradually increased to the specified value but must be maintained at the specified value for one second or one minute as required.

Test Equipment:

The test equipment shall incorporate a transformer with an essentially sinusoidal output, a means to indicate the applied test potential, and an audible and/or visual indicator of dielectric breakdown.

The test equipment shall incorporate a voltmeter in the output circuit to indicate directly the applied test potential if the rated output of the test equipment is less than 500VA.

If the rated output of the test equipment is 500VA or more, the applied test potential may be indicated by either:

- 1 - a voltmeter in the primary circuit;
- 2 - a selector switch marked to indicate the test potential; or
- 3 - a marking in a readily visible location to indicate the test potential for test equipment having a single test potential output.

In cases 2 and 3, the test equipment shall include a lamp or other visual means to indicate that the test potential is present at the test equipment output.

All test equipment shall be maintained in current calibration.

Products Requiring Dielectric Voltage Withstand Test:

<u>PRODUCT</u>	<u>Test Voltage</u>	<u>Test Time</u>
All products covered by this report.	1200V	1 second

11.2 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 grounding pin or blade of the attachment plug.

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.

The measured or calculated resistance between the point of connection of the grounding means and any non-current-carrying metal parts described above should not exceed 0.10 Ω .

Test Equipment:

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.

11.3 POLARITY TEST

Method:

At least once per quarter per luminaire design shall be checked to verify that there is electrical continuity between the grounded supply-circuit conductors (for example, the identified terminal of a wiring device, the conductor with white-color insulation). The continuity shall be determined either visually or through the use of an electrical test.

Products Requiring Polarity Test:

One sample of each luminaire design shall be tested at least once per quarter.

11.4 Insulation Resistance Test

Method

One hundred percent of production of the products covered by this Report that the Dielectric Voltage Withstand Test was not conducted shall be subjected to a routine production line insulation resistance test.

The test shall be conducted on products that are fully assembled. Prior to applying the test potential, should be closed so that the input circuit is energized by the test potential.

The test potential shall be applied between input circuit and accessible parts, including enclosure, output terminals. The test potential may be gradually increased to the specified value but must be maintained at the specified value for the time as required. A voltage of 500 Vdc was applied for a minimum duration of 1 s. The measured resistance should not be less than 2 MΩ. For safety reasons, the test should be performed with the luminaire disconnected from the power supply.

Test Equipment

The test equipment is a dc insulation tester capable of delivering the appropriate open circuit voltage (i.e., 500 V dc), or other suitable equipment.

Products Requiring Insulation Resistance Test:

Product

All products covered by this Report that the Dielectric Voltage Withstand Test was not conducted.

11.5 Accessible Edges Test

Method

An enclosure, frame, or similar device shall not have accessible edges that are sharp or pointed such that they constitute a risk of injury to persons during normal installation, maintenance, and use, unless:

- a) accessible edges are protected by guards or the use of handles to minimize access to sharp edges during installation or maintenance;
- b) an accessible edge or portion of an accessible edge shall be required to be sharp in order to perform a working function; or
- c) it is possible to avoid the hazard through proper procedures; then signs, labels, or the manufacturer's instructions shall describe the procedure to avoid the hazard during installation, maintenance, and use.

When considering sharp edges and points, all stages of the installation process shall be considered.

Whenever referee measurements are necessary to determine that a part as mentioned above is not sufficiently sharp to constitute a risk of injury to persons, the method described in UL 1439, Tests for Sharpness of Edges on Equipment, shall apply.

One sample of each luminaire style that contains an accessible edge that does not comply with a), b), or c), shall be tested twice annually.



Products Requiring Accessible Edges Test:

Report.

All products covered by this Report.

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
#####	Herman Deng	2.0	-	Added new Brand name "Home Decorators Collection".
220106048GZU	Xavier Xie			Added new models R35154-W1, 28240.
		Added Model Similarity for all new models.		
		3.0	6-8	Added new photos 6, 7, 8.
		4.0	7	Added new model R35154-W1 into technical data column.
			9, 10	Added new components 9, 10.
		7.0	1	Added new models R35154-W1, 28240 into ill.1 for cautionary markings.
	8.0	-	Re-signed.	
5-Jul-2022	Herman Deng	2.0	-	Changed the model name in Models column from "R35154-W1" to "R35154-W1B"
	Xavier Xie			Added new model R35154-W1L.
220308040GZU		Changed the model name in Model Similarity column from "R35154-W1" to "R35154-W1L".		
		Changed the model name in Ratings column from "R35154-W1" to "R35154-W1B"		
		Added new Ratings for new model R35154-W1L.		
		3.0	6	Changed the model name in photo title from "R35154-W1" to "R35154-W1B"
			7	Updated photo 7 to update the mounting plate. Changed the model name in photo title from "R35154-W1" to "R35154-W1B"
			8	Changed the model name in photo title from "R35154-W1" to "R35154-W1B" Added description "also represent model R35154-W1L" into photo title.
			9, 10	Added new photos 9, 10.
		4.0	7, 9, 10	Changed the model name in technical data column from "R35154-W1" to "R35154-W1B" Added new model R35154-W1L into technical data column for component use.
		7.0	1	Changed the model name in ill.1 from "R35154-W1" to "R35154-W1B" Added new model R35154-W1 into ill.1 for cautionary markings.
	8.0	-	Re-signed.	

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
12-Jan-2024	Luca Lin			Added brand name "Millennium Lighting".
231010094GZU	Xavier Xie	2.0	-	Added new models "R39283-W1, R39283-W2-M2, R39283-W2-L2, R39283-2-F2, R39283-2-H2, R39284-2-W2S, R39284-2-W2M, R39284-W3, R39286-W1M, R39286-W1L", "7801, 7802, 7812, 7822, 7832, 7902, 7912, 7923, 71001 or 71101; followed by up to six characters".
				Added Model Similarity for all new models.
				Added Ratings for models R39283-W1, R39283-W2-M2, R39283-W2-L2, R39283-2-F2, R39283-2-H2, R39284-2-W2S, R39284-2-W2M, R39284-W3, R39286-W1M, R39286-W1L.
		3.0	11-34	Added new photos 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34.
		4.0	3	Added models R39283-W1, R39283-W2-M2, R39283-W2-L2, R39283-2-F2, R39284-2-W2S, R39284-2-W2M, R39284-W3, R39286-W1M, R39286-W1L into technical data column for component use.
			7	Added model R39283-W1 into technical data column for component use.
			11-23	Added new components 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23.
		6.0	10	Added description "5. 5. have a note for chain pendant luminaire, the power cord needs to be routed through the chain."
		7.0	1	Added new models R39283-W1, R39283-W2-M2, R39283-W2-L2, R39283-2-F2, R39283-2-H2, R39284-2-W2S, R39284-2-W2M, R39284-W3, R39286-W1M, R39286-W1L into ill.1 for cautionary markings.
		8.0	-	Re-signed.
		11.0	11.0	Added Manufacturing and Production Test "Insulation Resistance Test".
			11.4	Added test description of "Insulation Resistance Test".

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	
3-Apr-2025 G106139913CRT	Jack Shyu 	2	-	Added new models "R41886-W1A, 18HM1886, R41886-W1B, 18HM1887, R41886-H1, 18HM1888, R41886-C2S, 18HM1889, R41886-C2L and 18HM1880. R41632-W or 18HM163; followed by up to six characters." into Models column.	
			-	Added brand name, Housemark.	
			-	Moved Model Similarity to Section 7.0, Illustrations No. 2.	
			-	Moved Ratings to Section 7.0, Illustrations No. 3.	
	S Peterson 	3	35-48		Added new photos.
		4	5		Added the photo # due to the newly added call-outs inside sec.3.0 photos 36, 39, 41, 43, 47.
			24-33		Added new components.
		7	1		Added Cautionary Markings for models "R41632-W, 18HM163, R41886-W1A, 18HM1886, R41886-W1B, 18HM1887, R41886-H1, 18HM1888, R41886-C2S, 18HM1889, R41886-C2L and 18HM1880."
			2-3		Added new Illustration.
		8.0, 8.1	-		Added test summary and signature.
		11	5		Added Manufacturing and Production Tests "Accessible Edges Test".