1.0 Reference and Address			
Report Number	230602004SZN-001	Original Issued: 28-Nov-2023	Revised: None
Standard(s)	Electric Fans [UL 507:2017 Ed.10+R:27May2020] Fans And Ventilators [CSA C22.2#113:2015 Ed.10+U1]		

Applicant	Zhongshan 9D Intelligent Lighting Tech Co., Ltd	Manufacturer	**Zhongshan Daorui Lighting& Electronic Limited**
Address	No.24, the 2nd of Yihui Road, Henglan Town, ZHONGSHAN CITY, Guangdong 528478	Address	No.5, the 3nd of Yihui Road, Henglan Town, ZHONGSHAN CITY, Guangdong 528478
Country	China	Country	China
Contact	Bob Yao	Contact	Bob Yao
Phone	0760-23759716	Phone	0760-23759716
FAX	NA	FAX	NA
Email	dorabob@doraluce.com	Email	dorabob@doraluce.com

2.0 Product Description	
Product	Ceiling Fan With Light Kit
Brand name	DORALUCE, Wozzio, Ouater, raccroc, REVOICI, revaloi, Minka, toature, Hinkley, VACILL, veinure, storct, iTni, IFZO, Bonjourlina.
Description	The products covered by this report are ceiling-suspended fans with light kit, intended for household and indoor use, provided with supply leads intended for permanently-connection to the power supply in outlet box. And the products are intended to be mounted to outlet box suitable for supporting of ceiling fans.
Models	DS, DM, DA or DY followed by up to seven characters.
Model Similarity	All models are identical except for model name.
Ratings	120V, 60Hz, 0.54A, Max. 65W for fan only, 0.38A, Max. 45W for light Kit.
Other Ratings	NA

3.0 Product Photographs

Photo 1 - External view

Photo 2 - Rear view

3.0 Product Photographs

Photo 3 - External view

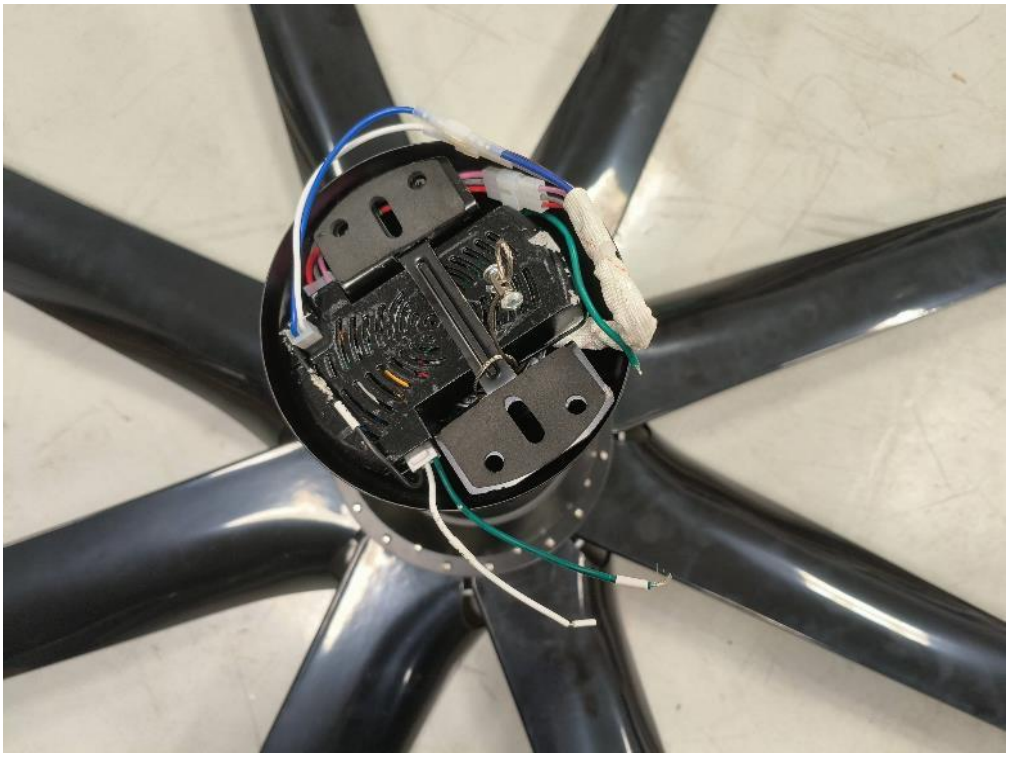


Photo 4 - LED module veiw

3.0 Product Photographs

Photo 5 - Internal view

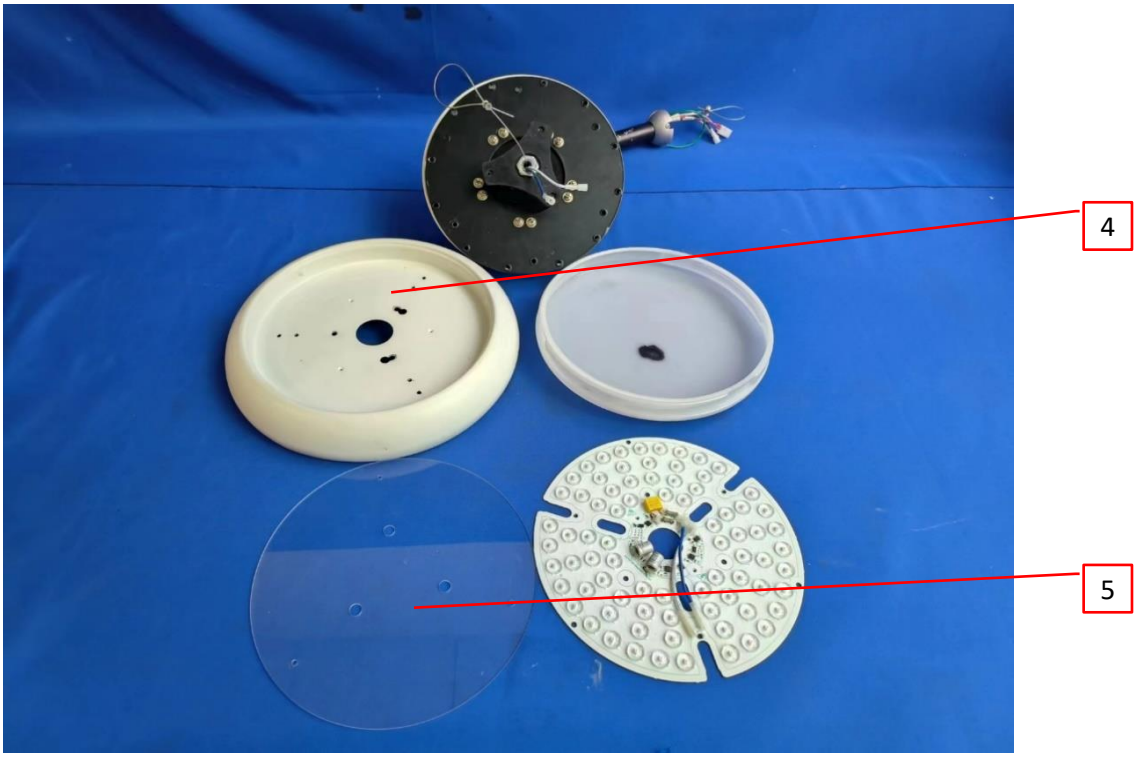
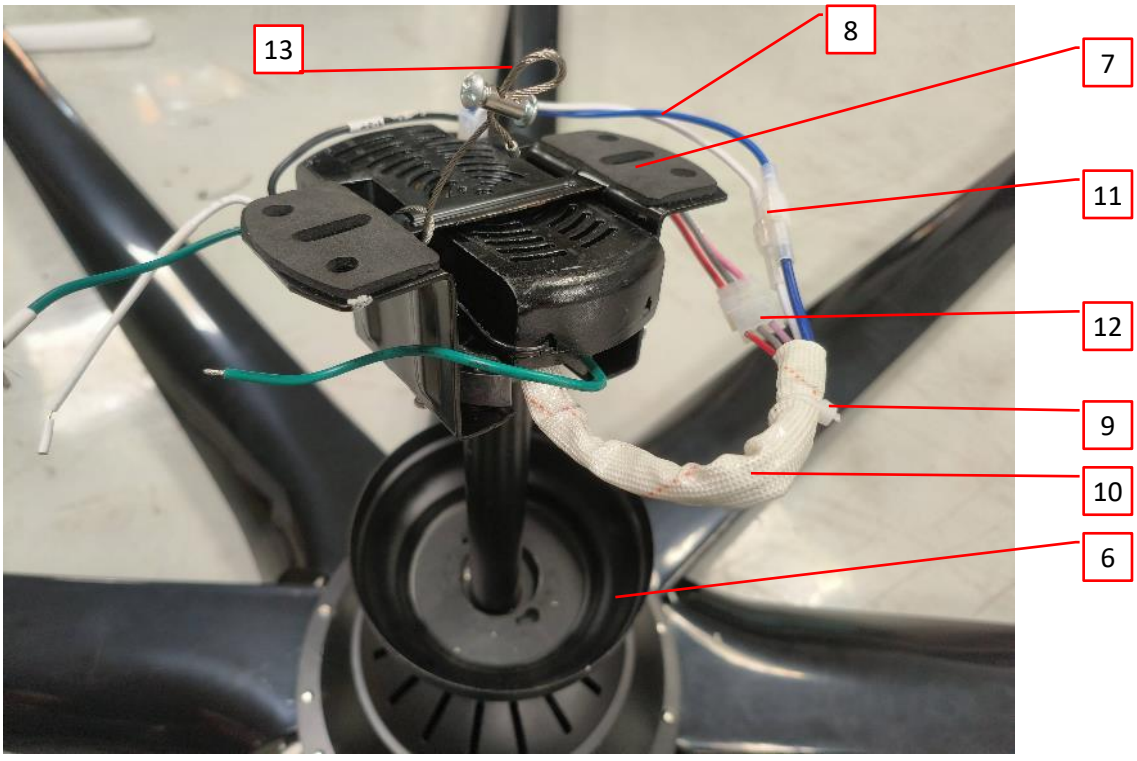


Photo 6 - Internal view



3.0 Product Photographs

Photo 7 - Internal view

Photo 8 - Internal view

3.0 Product Photographs

Photo 9 - Internal view

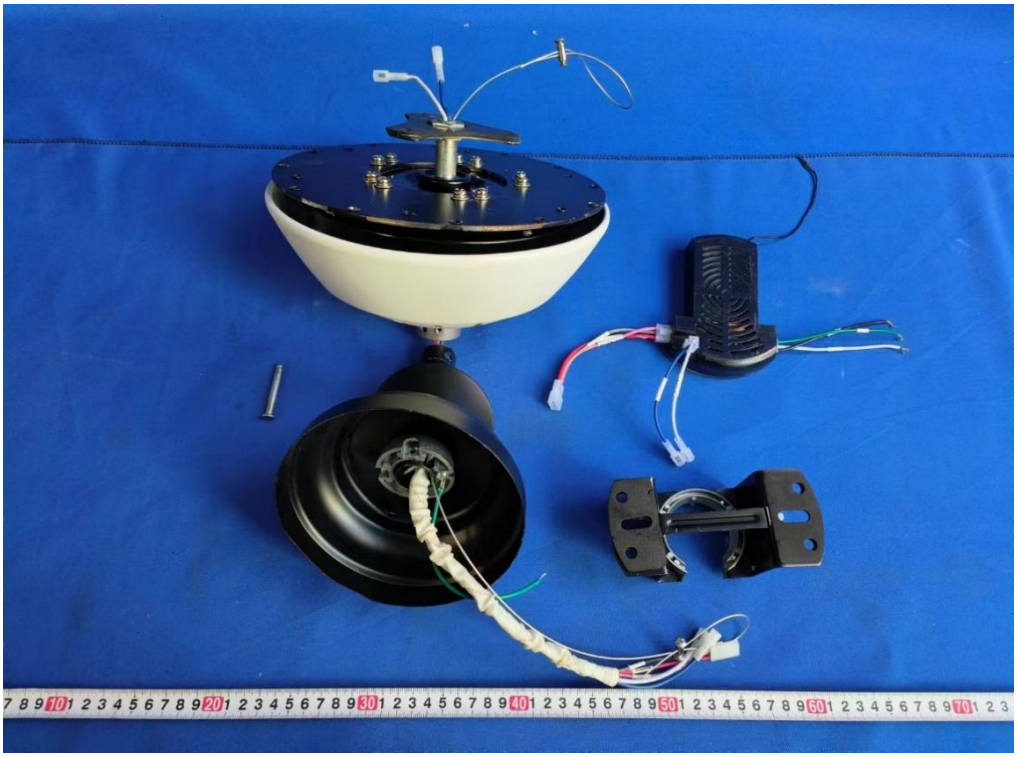


Photo 10 - View of Motor controller

3.0 Product Photographs

Photo 11 - View of Motor controller

Photo 12 - View of Motor controller

3.0 Product Photographs

Photo 13 - View of Motor controller

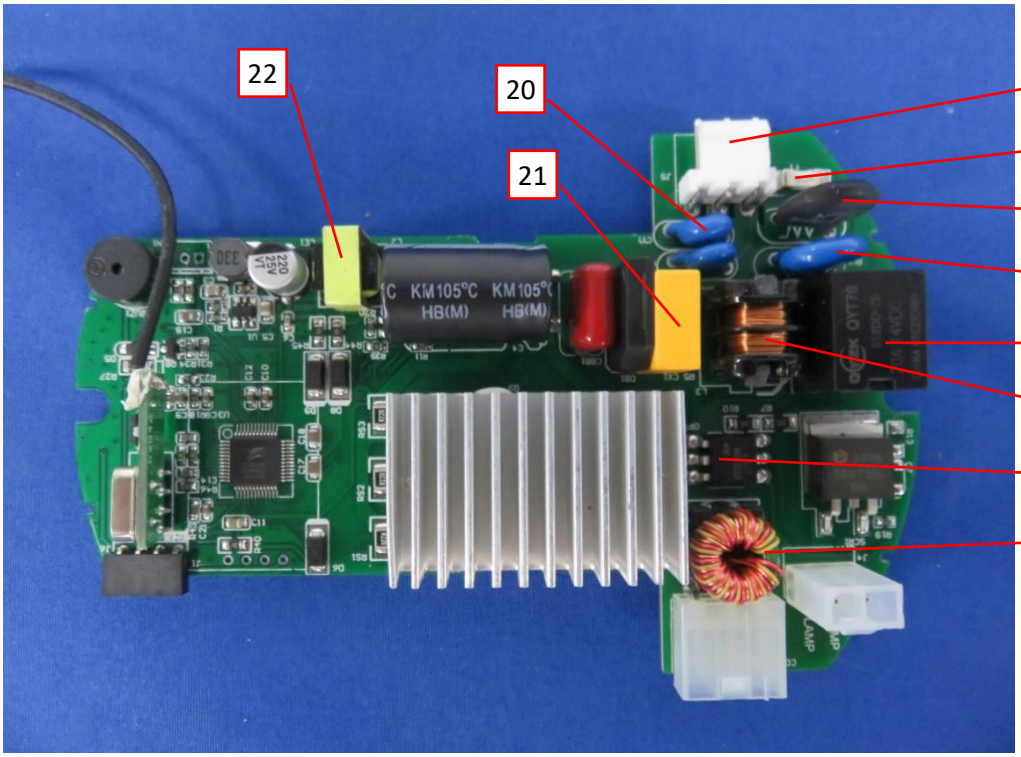
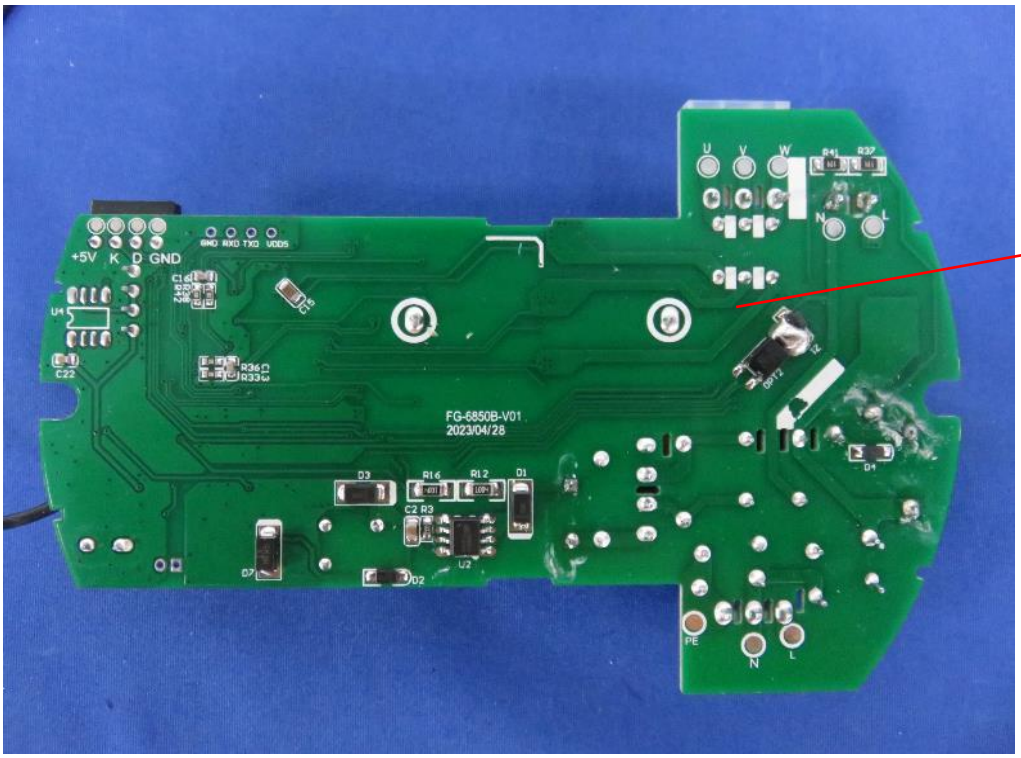


Photo 14 - View of Motor controller



3.0 Product Photographs

Photo 15 - View of Ball Hanger

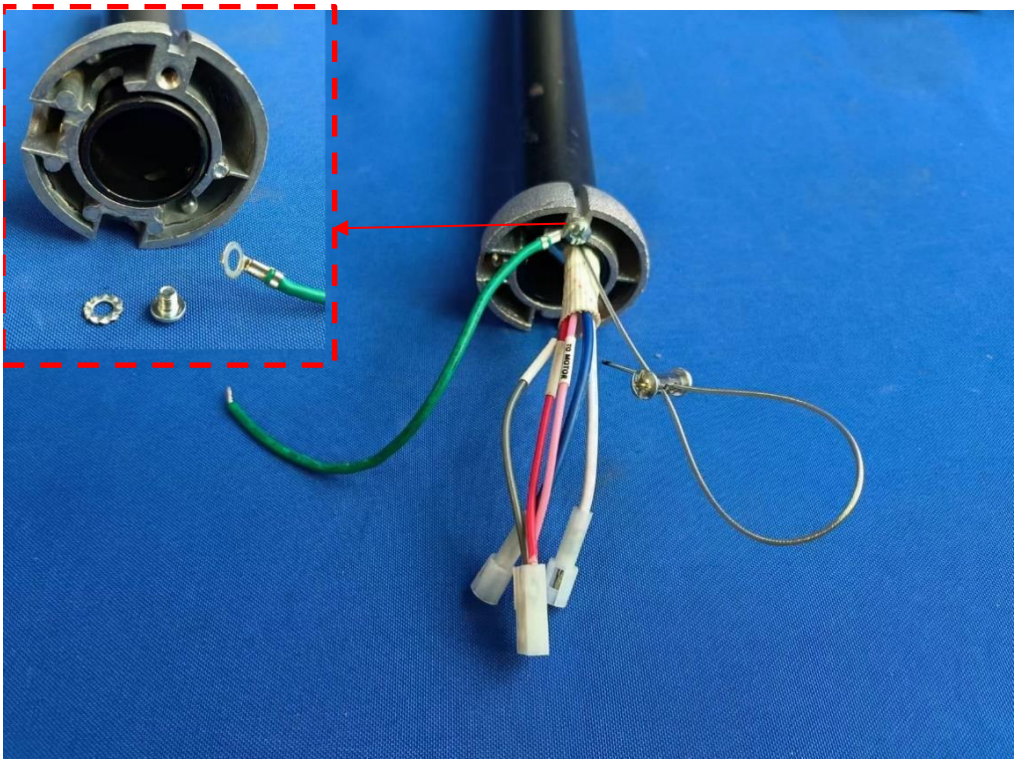
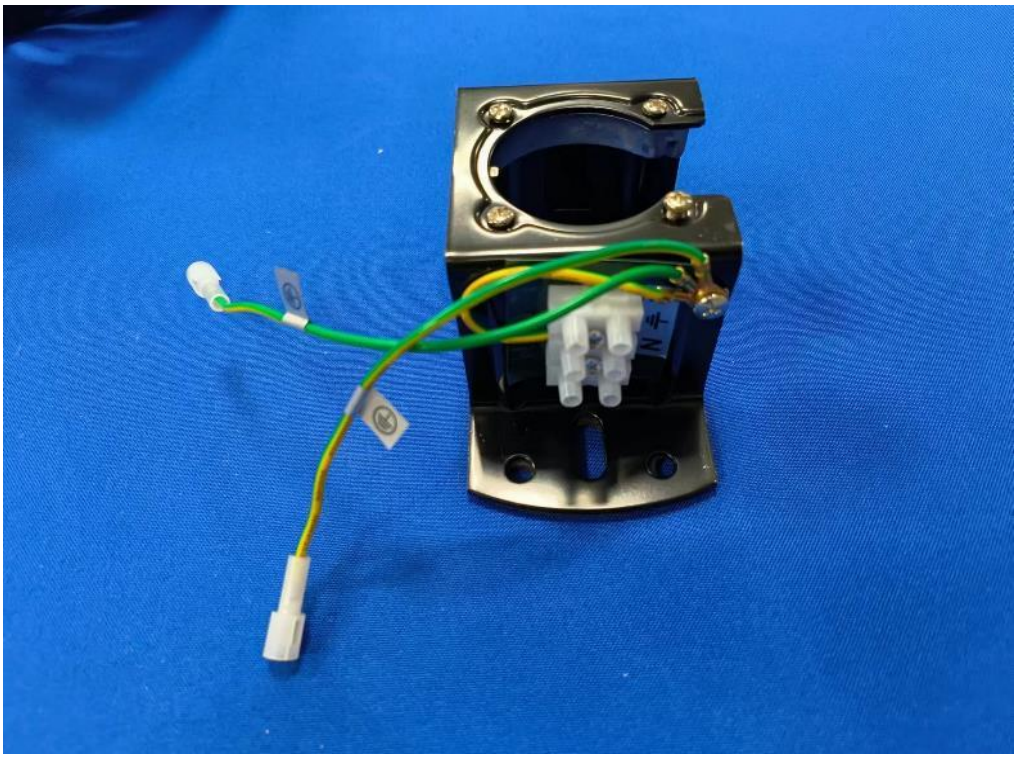


Photo 16 - View of Mounting Bracket



3.0 Product Photographs

Photo 17 - View of Mounting Bracket

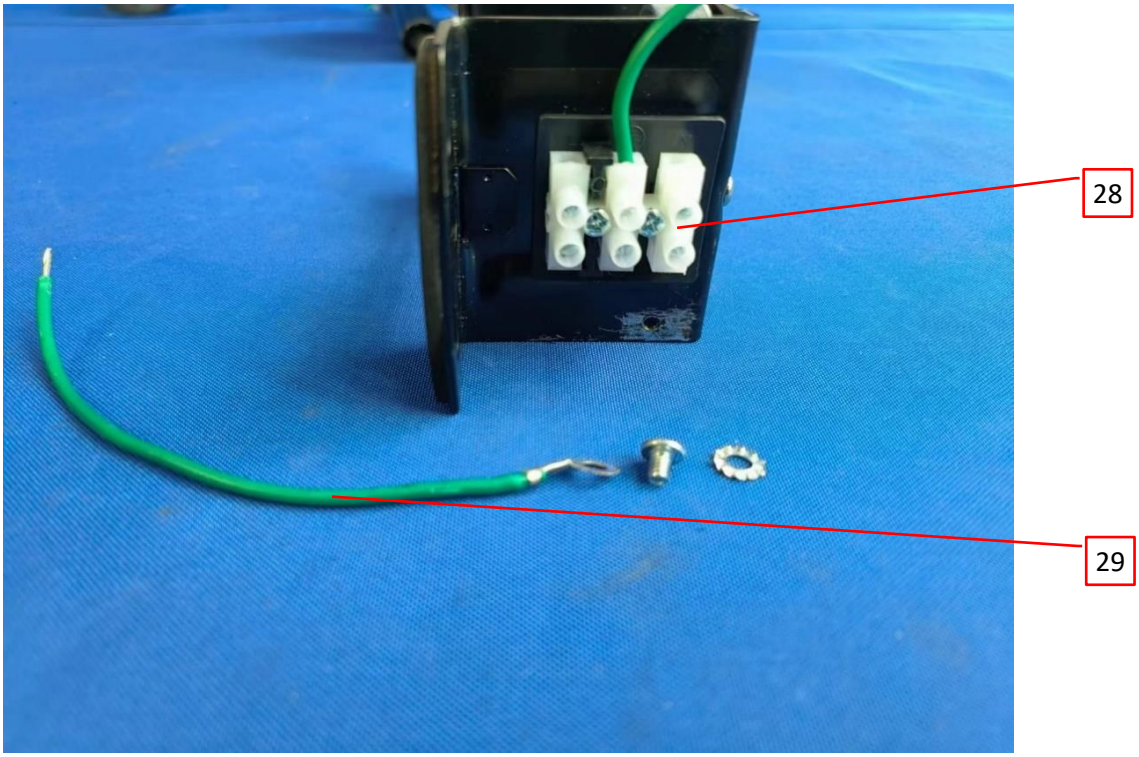
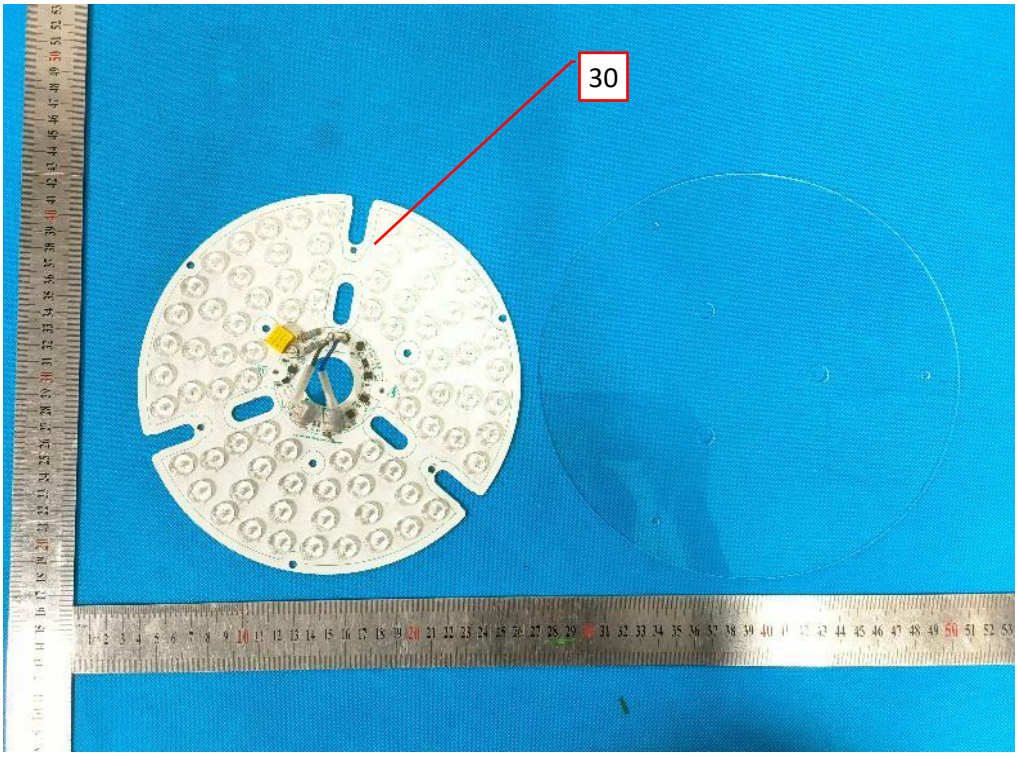


Photo 18 - Internal view of light kit



3.0 Product Photographs

Photo 19 - PCB view of light kit

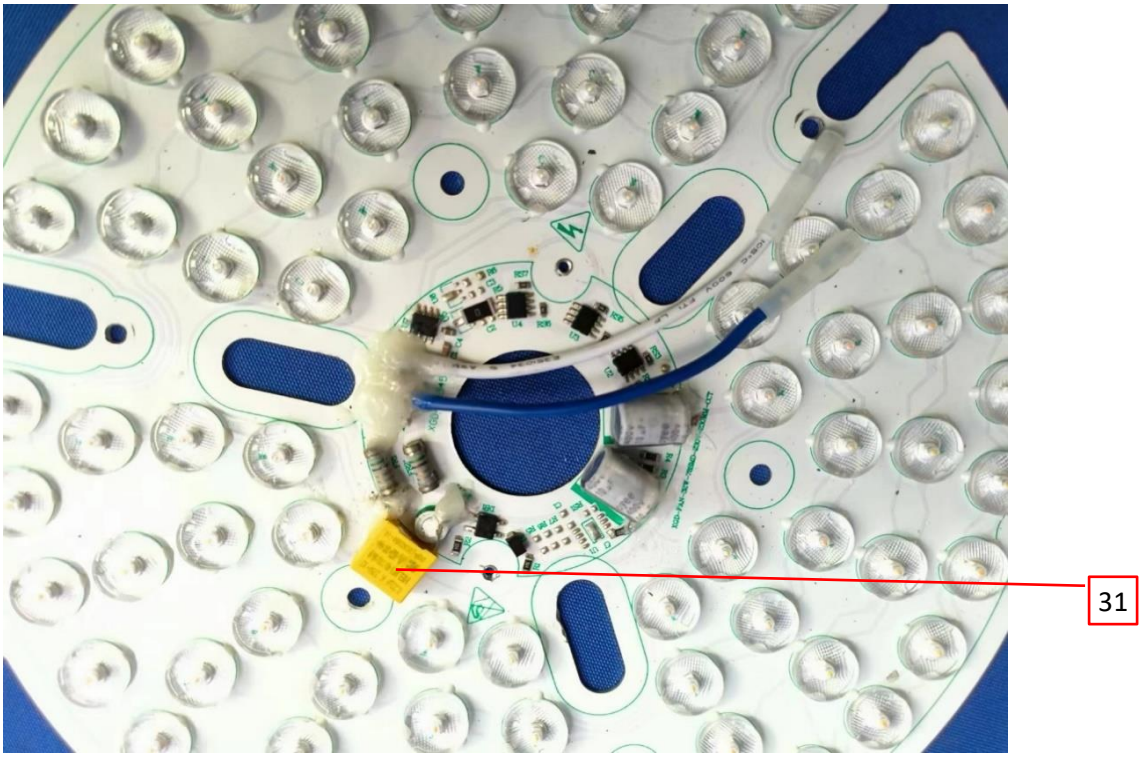
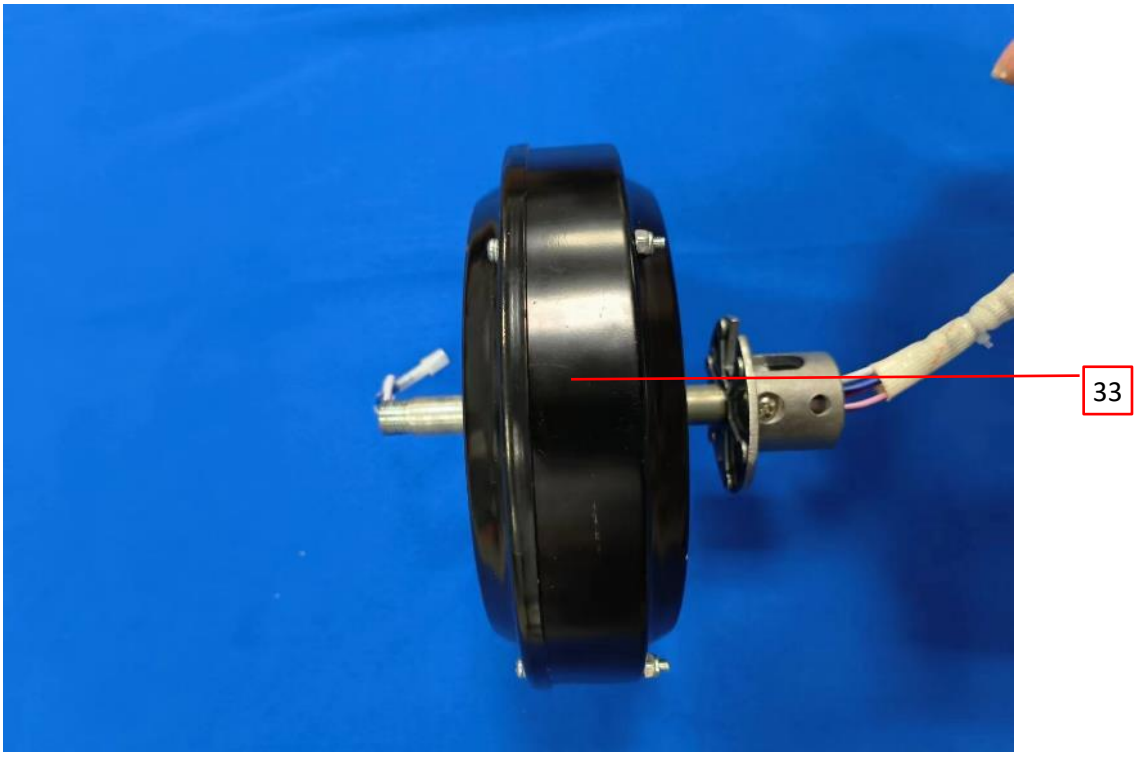


Photo 20 - External view of Fan motor



3.0 Product Photographs

Photo 21 - Internal view of Fan motor

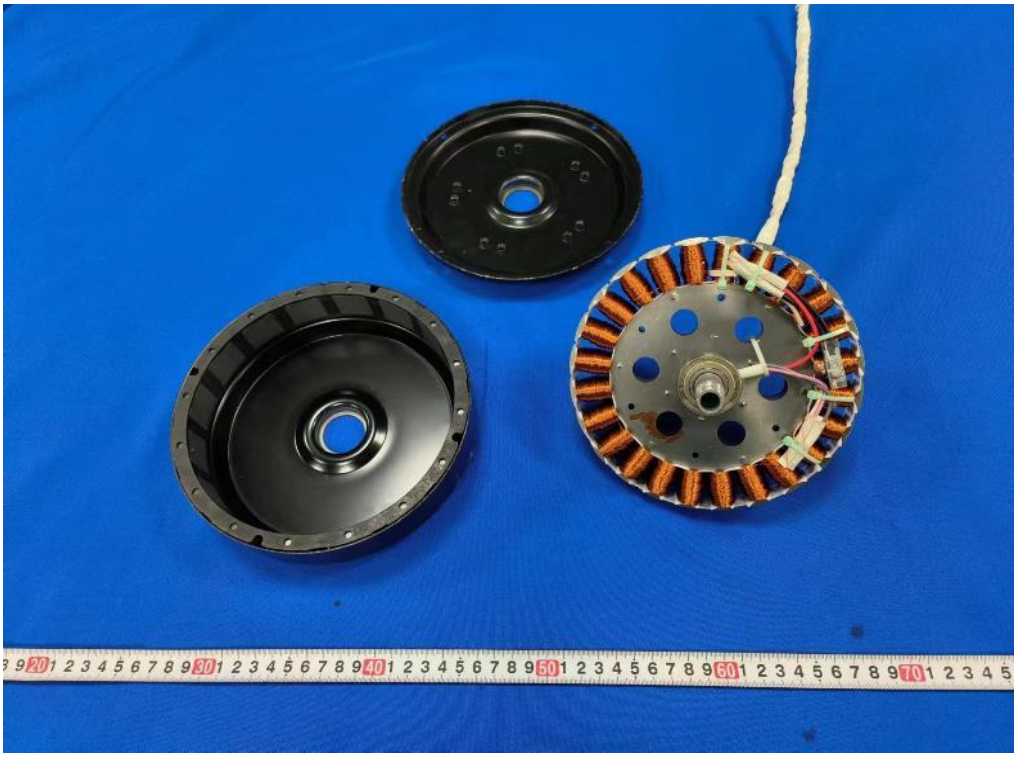
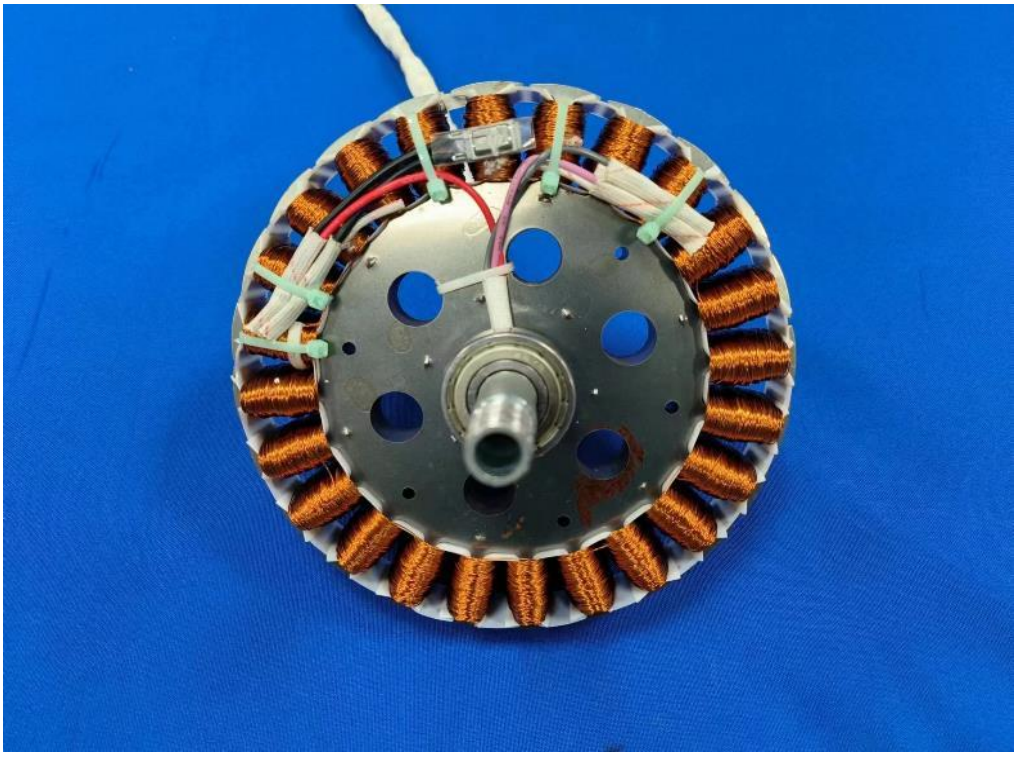


Photo 22 - Internal view of Fan motor



3.0 Product Photographs

Photo 23 - External view of Remote controller

Photo 24 - Internal view of Remote controller

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	Blade	SILVER AGE ENGINEERING PLASTICS (DONGGUAN) CO LTD	3370	ABS material, Rated 5VA, HWI: 2, HAI: 0, 85ºC, min. thickness 3.0mm, Secured to fan motor body by screws. 8 pieces provided. Refer to Illustration 3 for overall dimension.	cURus
1	2	Lamp Shade	SILVER AGE ENGINEERING PLASTICS (DONGGUAN) CO LTD	3370	ABS material, Rated 5VA, HWI: 2, HAI: 0, 85ºC, min. thickness 2.0mm, Snapped to the light kit housing.	cURus
2	3	Downrod	Various	Various	Painted or Plated steel pipe, overall 26.7 mm OD by 125 mm or 250 mm length by 2.0 mm thick. Secured to motor shaft support by one 6.0 mm OD by 45 mm long pivot pin with split pin and two setscrews.	NR
5	4	Light kit bracket	Various	Various	Steel, min.thickness 1.5mm, fixed to the fan motor body by screws.	NR
5	5	LED diffuser	SILVER AGE ENGINEERING PLASTICS (DONGGUAN) CO LTD	3370	ABS material, Rated 5VA, HWI: 2, HAI: 0, 85ºC, min. thickness 2.0mm, secrued on Light kit bracket by screws.	cURus
6	6	Canopy	Various	Various	Painted or Plated steel, measured 0.88 mm thick. Secured to mounting bracket by two screws and washer.	NR
6	7	Mounting Bracket	Various	Various	Painted or Plated Zinc Alloy, measured 1.8 mm thick. Bottom provided with a 64 mm OD by 10 mm high ball support for ball hanger engaged. Secured to Outlet Box by screws. Provided 18 AWG grounding wire (green in color with grouding symbol label) with min. length 152.4 mm. secured to mounting bracket by 4.8 mm diameter screw with washer.	NR
6	8	Lead wire	Various	1015	Rated 600V, 105°C, min. 18AWG, free length not less than 152.4 mm for field wiring connection, min. 22AWG for connection fan motor and LED module.	cURus
6	9	Cable tie	Various	Various	Rated type Dsg.11,120ºC. Tighted up internal wire.	cURus
6	10	Fiber Glass Sleeving	Various	Various	Rated 600V, 200 ºC, VW-1. Use for internal wires to prevent wear.	cURus
6	11	Wire connector 1	Various	Various	Rated 300V, 3A, 85 ºC, V-0.	cURus
6	12	Wire connector 2	Various	Various	Rated 300V, 3A, 85 ºC, V-0.	cURus
6	13	Wire Rope	Various	Various	Steel, diameter1.0 mm. Tightly fixed to motor body.	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]
10	14	Motor controller	Zhongshan Daorui Lighting & Electronic Limited	FG-6850	Input: 120V~, 60Hz; Output: Max. 45W (For LED), Max. 65W (For 3 phase UVW motor). Snapped into mounting bracket. It consist of item 15-27.	See 5.0
10	15	Enclosure	SILVER AGE ENGINEERING PLASTICS (DONGGUAN) CO LTD	3370	ABS material, 5VA, rated 85ºC, min. thickness 2.0mm, fixed together by two screws.	cURus
13	16	Current Fuse	Dongguan Luoyi Electronic Technology Co Ltd	24TC	F1. Rated 250VAC, 3.15A, size:6.1 x 2.6 x 2.6mm.	cULus
13	17	Thermistor	HONGZHI ENTERPRISES LTD	5D-13X	NTC1. Rated 240V, Imax=Iss=5A, 5Ω±20%.	cURus
13	18	Varistor	CERGLASS MFG INC	10D471K	RV1. Rated MOCV=300V, MLV=1070V, In=1.5kA. ambient temp: -40-125°C.	cURus
			Various	Various	RV1. Rated min. MOCV=300V, max. MLV=1.5kV, min. In=750A. Min. ambient temp: 105°C.	cURus
13	19	Relay	DONGGUAN QUNYING INTELLIGENT CONTROL ELECTRONICS CO LTD	QYT73-012DC-HS-78	RLY1.. Rated 125VAC, 15A; 12VDC, 10000 operation cycles.	cURus
13	20	Y Capacitor	Various	Various	CY1, CY2. min. 300VAC, max.2200pF, 125°C, Y1 or Y2 type.	cURus
13	21	X Capacitor 1	Various	Various	CX1. Min. 275VAC, 0.1uF, 110°C, X2 type.	cURus
13	22	Inductance 1	GUANGDONG XINSEN ELECTRONIC CO., LTD	EE9.8 1mH	L2 Class A, Min. 1mH, Consisted of item 22a~22c.	NR
13	22a	Bobbin used in L2 (Not shown)	CHANG CHUN PLASTICS CO LTD	T375J(G5)(G6)	PMC, Rated V-0, HWI=1, HAI=0, CTI=3, 150°C, min. thickness 0.75mm.	UR
13	22b	Magnet Wire in L2 (Not shown)	Various	Various	Polyurethane coated copper wire, ANSI type MW 79-C, rated min. 155°C.	UR
13	22c	Insulation Tape used in L2 (Not shown)	SHEN ZHEN XINHUAHUI ELECTRONIC MATERIALS CO LTD	HMT803	Rated 130ºC, Flame Retardant.	UR
13	23	Inductance 2	GUANGDONG XINSEN ELECTRONIC CO., LTD	UU9.8 20mH	L3. Class A, Min. 20mH, Consisted of item 23a~23b.	NR
13	23a	Bobbin in L3 (Not shown)	CHANG CHUN PLASTICS CO LTD	T310	PMC, Rated V-0, HWI=1, HAI=0, CTI=3, 150°C, min. thickness 1.0mm.	UR

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]
13	23b	Magnet Wire in L3 (Not shown)	Various	Various	Polyurethane coated copper wire, ANSI type MW 79-C, rated min. 155°C.	UR
13	24	Inductance 3	GUANGDONG XINSEN ELECTRONIC CO., LTD	SM5845/SM5845-330KT/CD54-33uH	L1. Class A, Min. 33uH, Consisted of item 24a~24c.	NR
13	24a	Bobbin in L1 (Not shown)	CHANG CHUN PLASTICS CO LTD	T310	PMC, Rated V-0, HWI=1, HAI=0, CTI=3, 150°C, min. thickness 1.0mm.	UR
13	24b	Magnet Wire in L1 (Not shown)	Various	Various	Polyurethane coated copper wire, ANSI type MW 79-C, rated min. 155°C.	UR
13	24c	Triple Insulation wire in L1 (Not shown)	DONGGUAN HILDE ELECTRONICS CO LTD	THW-F	Rated 155ºC.	UR
13	25	Optocoupler	LITE-ON Technology Corporation	MOC3023	U1. Double protection optical isolators, providing 5300 vac isolation.	cURus
13	26	Wire connector 3	Various	Various	Rated 300V, 3A, 85 ºC, V-0.	cURus
14	27	PCB	Various	Various	Rated V-0, 130ºC, complied with UL796 DSR.	cURus
17	28	AC terminal block	HEAVY POWER CO LTD	PA20	Rated 300 V, 20A, 105 °C.	cURus
17	29	Ground lead	Various	1015	Rated 600 V, 105 °C, 18AWG.	cURus
18	30	PCB of LED module	Various	Various	Single Layer Metal Base Printed Wiring Boards, Rated V-0, 130ºC, complied with UL796 DSR.	cURus
19	31	X Capacitor 2	Various	Various	CX1. Min. 275VAC, 2.2uF, 110°C, X2 type.	cURus
17	32	Earthing terminal (not shown)	Various	Various	Corrosion resistant metal, consisted of un-loosen ring and earthing screw, min. 4.8mm diameter for earthing screw.	NR
20	33	Fan Motor	Zhongshan Lichi Motor Co., Ltd.	188*15	DC 310V, max. 150rpm, Class A. Refer to Illustration 5 for detail dimension.	See 5.0
1	34	Marking Label (Not shown)	SHANGHAI BAISHENG PRINTING CO LTD	BSH-PET-J01-B	Rated 125 °C, Comply with UL 969, Suitable for Epoxy paint surface.	UR
			Various	Various	Rated 125 °C, Comply with UL 969, Suitable for Epoxy paint surface.	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

SUBASSEMBLY

Photo #	Item no.	Name	Manufacturer/Trademark	Type / model
10	14	Motor controller	Zhongshan Daorui Lighting & Electronic Limited	FG-6850

Electrical Rating:	Input: 120V~, 60Hz; Output: Max. 45W (For LED), Max. 65W (For 3 phase UVW motor)	Insulation class	NA

Component Standard used:	UL 60730-1:2016 Ed.5+R:18Oct2021 CSA E60730-1:2015 Ed.5+A1

COMPONENTS LIST

Photo #	Item no.	Photo #	Item no.	Photo #	Item no.	Photo #	Item no.	Photo #	Item no.
10	15	13	16	13	17	13	18	13	19
13	20	13	21	13	22	13	23	13	24
13	25	13	26	14	27				

VERIFICATION PROCESS

Frequency: **Annual**	Test Site: **CEC**	Number of samples to test: **1**

Test Name	Test Parameters
Verify Construction	Per the component descriptions noted above

5.0 Critical Unlisted CEC Components

INSULATED COIL

Photo #	Item no.	Name	Manufacturer/Trademark	Type / model
20	33	Fan Motor	Zhongshan Lichi Motor Co., Ltd.	188*15

Electrical Rating:	DC 310V, max. 150rpm	Insulation class A
Component Standard used:	UL 1004-1:2012 Ed.2+R:07Aug2018 UL 1004-2:2014 Ed.2+R:06Feb2015 CSA C22.2#77:2014 Ed.8+E1	

MATERIALS LIST (refer to illustration 5 for assembly drawing)

Component	Manufacturer	Type/model	Dimensions/thickness/assembly information
Matel enclosure	Various	Various	Galvanized steel, minimum thickness is 1.0mm.
Slot liners	JIANGSU YUXING FILM TECHNOLOGY CO LTD	6023D-1	PET material, NC, VTM-2, 125°C, min. thickness 0.3mm.
Magnet Wire	Various	Various	Polyurethane coated copper wire, ANSI type MW 37-C, rated min. 220°C.
Lead wire	Various	1015	Rated 600V, 105°C, min.22AWG.
Rotor Lamination	Various	Various	Silicone Steel. Measured 1 mm thick for one sheet.
Thermal Motor Protectors	CHANGZHOU JIN YI ELECTRIC APPLIANCE CO LTD	6AM	Rated 125/250V, 50/60Hz, 16A, 85°C.
Tube of Thermal Motor Protectors	CHANGZHOU JUHAO ELECTRIC CO LTD	JH-PET ELD-4	Rated 600V, 155°C, min. Inside Dia. is 2.8mm.
Cable tie	Various	Various	Rated type Dsg.11,120ºC. Tighted up internal wire.
Spider	E I DUPONT DE NEMOURS & CO INC	FR531	PET material, BK color, V-0, 155°C, min. thickness is 1.5mm.
Silicone coated fiberglass sleeving	Various	Various	Rated 600V, 200°C, VW-1.

WINDING(S) RESISTANCE

Winding Designation	Wire Size (mm^2)	Wire Type	Turns	Volts	Amps	DC resistance (Ω) +/- 10%:
Stator Winding	Φ0.31	MW 37-C	420	--	--	99

VERIFICATION PROCESS

Frequency: **Annual**	Test Site: **CEC**	Number of samples to test: **1**

Test Name	Test Parameters		
Winding resistance	See resistance per winding above.		
Dielectric Strength	Apply voltage Between	Test Voltage	Test Time
	Primary to core	1620V AC	60 S
	Primary to secondary	--	--
	Secondary to core	--	--

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 over surfaces of insulating material between current-carrying parts of opposite polarity and 3.2 mm minimum between such current-carrying parts and dead-metal parts or low voltage isolated circuits.
   For luminaire: In primary circuits, 3.2 mm minimum spacing are maintained through air and 6.4 mm minimum spacing are maintained over surfaces of insulating material between 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 metal 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.
6. 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.
7. Schematics - Refer to Illustration 3 and 3a for schematics requiring verification during Field Representative Inspection Audits.
8. Markings - The product is marked on a labeling system as described in item no. 34 of Section 4.0 as follows:
   - Applicant's name
   - Model number
   - Date of manufacture
   - Electrical ratings (volts, wattage and current)
9. Cautionary Markings - Refer to illustration 1 for layout.
10. Installation, Operating and Safety Instructions - Instructions for installation and use of this product are provided by the manufacturer. Important safety instructions in an instruction manual provided with an appliance shall be separated in format from other instructions, and shall appear before the operating instructions. The instructions shall be legible and shall include the words "READ AND SAVE THESE INSTRUCTIONS", which shall be more prominent than the general text used in the manual.
    Refer to inlustration 2 thru 2e for details.

7.0 Illustrations

Illustration 1 - Cautionary Marking

CAUTION: To Reduce The Risk Of Injury To Persons, Install Fan So That The Blade Is At Least 3.05 Meters (10 Feet) Above The Floor.

ATTENTION: Pour réduire le risque de blessures, INSTALLER DE SORTE QUE LES PIÈCES INFÉRIEURES SOIENT À AU MOINS 3.05 MÈTRES AU-DESSUS DU PLANCHER OU DU SOL.

WARNING - To Reduce The Risk Of Fire, Electric Shock, Or Personal Injury, Mount To Outlet Box Marked (Acceptable for Fan Support of 15.9 kg (35 lbs) or less) And Use Mounting Screws Provided With The Outlet Box and/or Support Directly From Building Structure. Most Outlet Boxes Commonly Used For The Support Of Lighting Fixtures Are Not Acceptable For Fan Support And May need To Be Replaced. Consult A Qualified Electrician If In Doubt.

AVERTISSEMENT - Pour réduire les risques d'incendie, d'électrocution ou de blessures corporelles, montez sur la boîte de sortie marquée (acceptable pour le support du ventilateur de 15,9 kg (35 lb) ou moins) et utilisez les vis de montage fournies avec la boîte de sortie et / ou le support directement De la structure du bâtiment. La plupart des boîtes de sortie utilisées pour le soutien des appareils d'éclairage ne sont pas acceptables soutien ventilateurs et doivent être remplacés. Consultez un électricien qualifié en cas de doute.

DRY LOCATIONS ONLY
POUR EMPLACEMENTS SECS SEULEMENT

CAUTION: To Reduce The Risk Of Injury To Persons, Install Fan So That The Blade Is At Least 3.05 Meters (10 Feet) Above The Floor.

ATTENTION: Pour réduire le risque de blessures, INSTALLER DE SORTE QUE LES PIÈCES INFÉRIEURES SOIENT À AU MOINS 3.05 MÈTRES AU-DESSUS DU PLANCHER OU DU SOL.

WARNING - To Reduce The Risk Of Fire, Electric Shock, Or Personal Injury, Mount To Outlet Box Marked (Acceptable for Fan Support of 15.9 kg (35 lbs) or less) And Use Mounting Screws Provided With The Outlet Box and/or Support Directly From Building Structure. Most Outlet Boxes Commonly Used For The Support Of Lighting Fixtures Are Not Acceptable For Fan Support And May need To Be Replaced. Consult A Qualified Electrician If In Doubt.

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DRY LOCATIONS ONLY
POUR EMPLACEMENTS SECS SEULEMENT

Remark:
The signal word "WARNING, CAUTION, ATTENTION and AVERTISSEMENT" shall be more prominent than any which is intended to reduce the risk of injury, shall be permanent, in capital letters not less than 2.4 mm (3/32 inch) high, and shall be located on a part that cannot be removed without impairing the operation of the fan or left off the appliance without it being readily apparent.

7.0 Illustrations

Illustration 2 - User manual

Safety Information READ AND SAVE THESE INSTRUCTIONS

1. To reduce the risk of electric shock, the electricity has been turned off at the circuit breaker or fuse box before begin.
2. All wiring must be in accordance with the National Electrical Code NASI/NFPA 70 -1999 and local electrical codes.Electrical installation should be performed by a qualified licensed electrician .
3. The outlet box and support structure must be securely mounted and capable of reliably supporting 35lbs.(15.9kg).Use only UL listed outlet boxes marked"Acceptable for Fan Support of 35lbs(15.9kg)or less."
4. The fan must be mounted with a minimum of 7 ft.(2m)clearance from the trailing edge of the blades to the floor.
5. Do not operate the reversing switch while the fan blades are in motion. You must turn the fan off and stop the blades before you reverse the blade direction.
6. Do not place objects in the path of the blades.
7. To avoid personal injury or damage to the fan and other items, please be careful when walking around or cleaning the fan.
8. Electrical diagrams are for reference only. Light kits that are not packed with the fan must be UL-listed and marked suitable for use with the model fan you are installing.Switches must be UL General Use Switches. Refer to the instructions packaged with the light kits and switches for proper assembly.
9. After making electrical connections , spliced conductors should be turned upward and pushed carefully up into the outlet box.The wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box.
10. All setscrews must be checked and retightened where necessary before installation.

⚠ **WARNING:** To reduce the risk of personal injury,do not bend the blade brackets (also referred to as flanges) during assembly or after installation. Do not insert objects in the path of the blades .

⚠ **WARNING:** Remove the rubber motor stops on the bottom of the fan before installing the blades or testing the motor.

⚠ **WARNING:** To reduce the risk of fire or electric shock,do not use this fan with any solid-state speed control device.

⚠ **WARNING:** To avoid possible electric shock,turn the electricity off at the main fuse box before wiring.If you feel you do not have enough electrical wiring knowledge or experience,contact a licensed electrician.

⚠ **WARNING:** Electrical diagrams are for reference only. Optional use of any light kit shall be UL-listed and marked suitable for use with this fan.

⚠ **WARNING:** To reduce the risk of fire, electric shock,or personal injury, mount to outlet box marked "Acceptable for fan support of 35 lbs.(15.9 kg)or less " and use the screws provided with the outlet box.

7.0 Illustrations

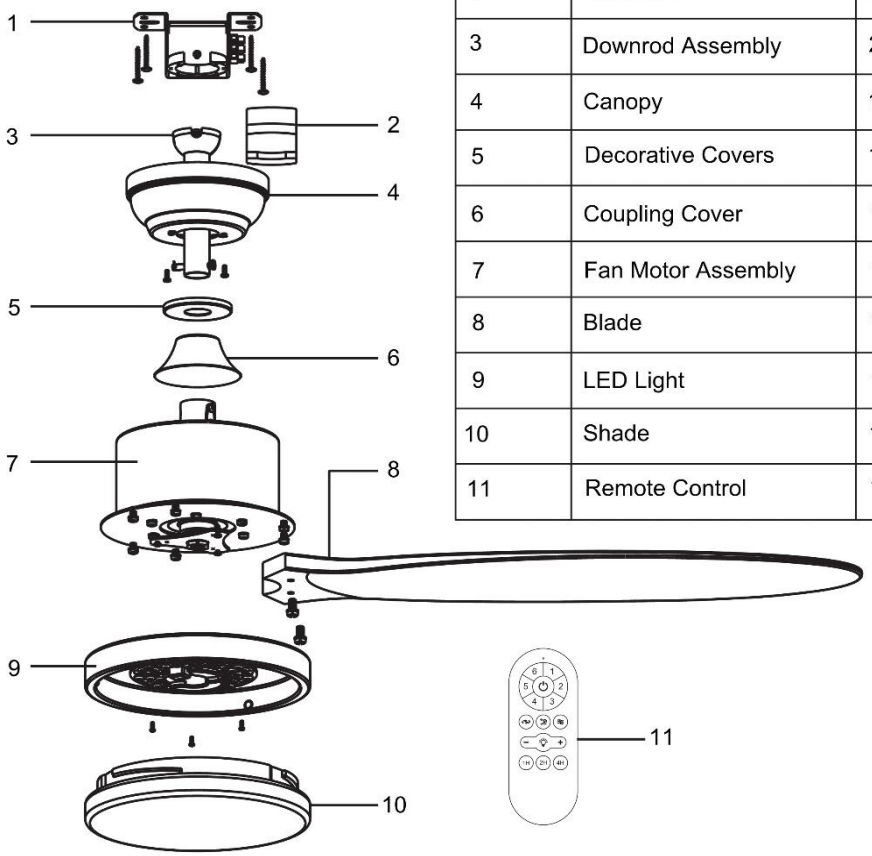
Illustration 2a - User manual

ASSEMBLY DRAWING & PARTS LIST

Unpacking Your Fan

Unpack your fan and check the contents. Please check each item prior to installation.To reduce the chance of marks or possible damages, please remove the parts when required for installation.

Assembly Drawing



Parts List

Ref.#	Description	QTY
1	Hanger Bracket	1
2	Receiver	1
3	Downrod Assembly	2
4	Canopy	1
5	Decorative Covers	1
6	Coupling Cover	1
7	Fan Motor Assembly	1
8	Blade	1
9	LED Light	1
10	Shade	1
11	Remote Control	1

Note:For the 3rd item,we provide one 5-inch and one 10-inch downrod assembly,Customers can choose to use any one according to the actual high demand.

For the 11th. please refer to the remote control manual for the use of the remote control.

2

7.0 Illustrations

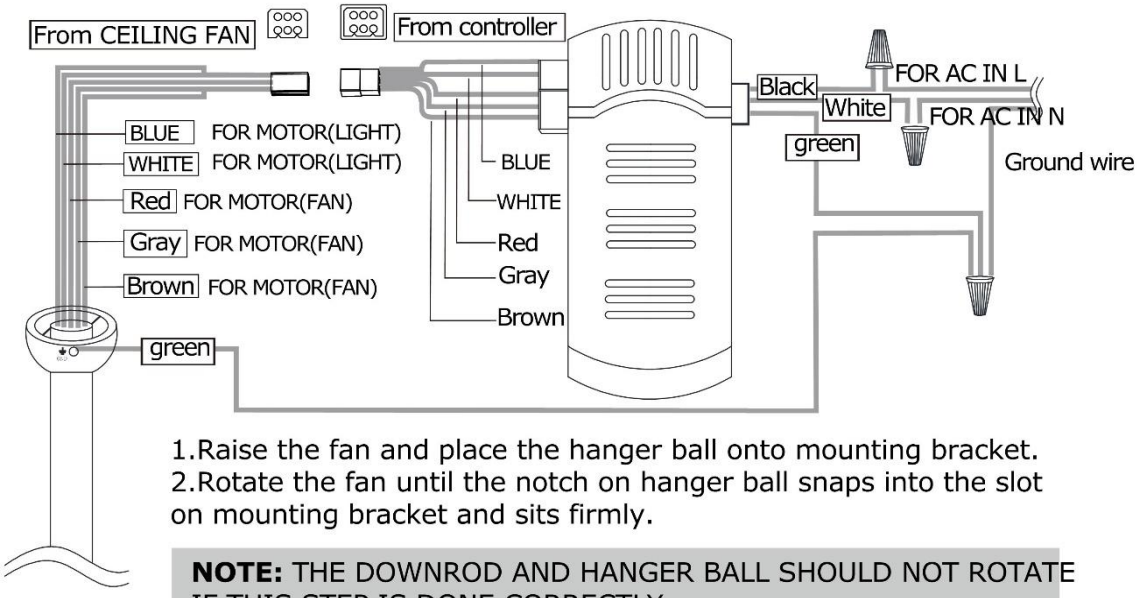
Illustration 2b - User manual

1.Making the electrical connections

WARNING: Each wire not supplied with this fan is designed to accept up to one 12-gauge house wire and two wires from the fan.If you have larger than 12-gauge house wiring or more than one house wire to connect to the fan wiring,consult an electrician for the proper size wire nuts to use.

IMPORTANT: Use the plastic wire connectors supplied with your fan. Secure the connectors with electrical tape and ensure there are no loose strands or connections.

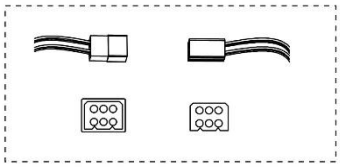
WARNING: Remove the rubber motor stops on the bottom of fan before installing the blades or testing the motor.



1.Raise the fan and place the hanger ball onto mounting bracket.
2.Rotate the fan until the notch on hanger ball snaps into the slot on mounting bracket and sits firmly.

NOTE: THE DOWNROD AND HANGER BALL SHOULD NOT ROTATE IF THIS STEP IS DONE CORRECTLY.

3.Loose the safety wire clamp.
4.Route the safety wire through the side fan hole on mounting bracket,and retighten the safety wire with safety wire clamp.
5.Connect the wire connector plugs correctly.
The wire connector plugs design is designed with misplug-proof device, please don' t force to plug. Otherwise it may affect the normal use of the light fan or burn the fan motor.



7.0 Illustrations

Illustration 2c - User manual

HOW TO INSTALL THE FAN DOWNROD TYPE

1.Securely attach the hanger bracket to the ceiling joist using the lag bolt, flat washers and spring washer supplied.
(Figure 1)

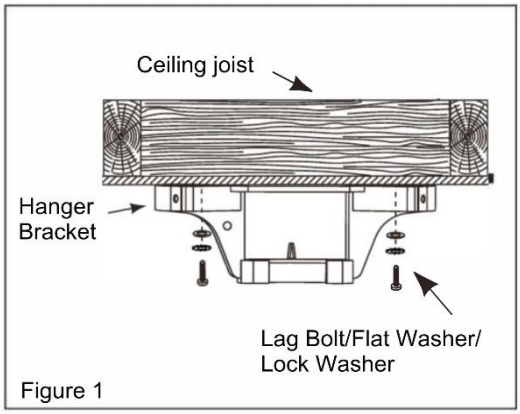


Figure 1

2. Install the fan blades by aligning the holes on the blade with the holes on the fan motor assembly set by the provided set screws.
(Figure 2)
Make sure the set screws securing the blade are tight and the blades are properly seated.

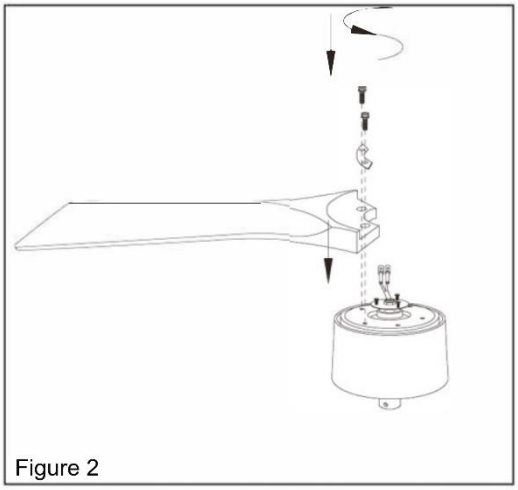


Figure 2

3.Loosen the set screws in the Hanger Ball assembly until the ball slides carefully down the downrod.Remove the Pin from the downrod.
(Figure 3)
Re-install the hanger ball after step 5 below

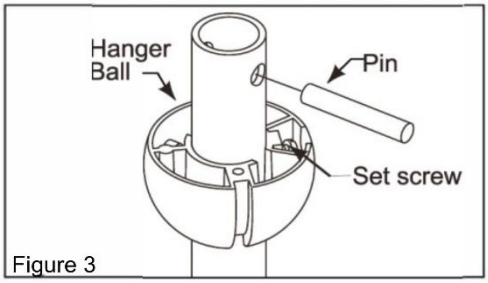


Figure 3

7.0 Illustrations

Illustration 2d - User manual

HOW TO INSTALL THE FAN DOWNROD TYPE

4.Remove and save the clevis pin and hairpin of the downrod.Put the downrod through the canopy and coupling cover.
(Figure 4)

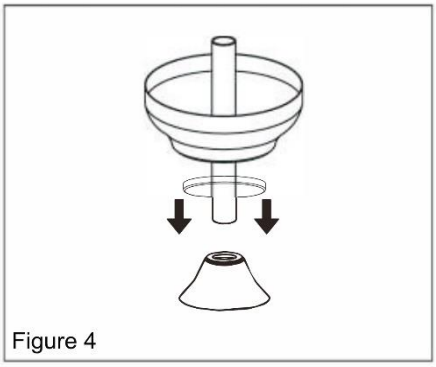


Figure 4

5.Loosen two set screws on the downrod support and then place the downrod into the downrod support.(Figure 5).
Thread the electrical wires and the ground wire through the downrod.
Align the Clevis Pin holes in the Downrod with the holes in the Downrod Support.Be sure to push the straight leg of the Hairpin Clip through the hole near the end of the Clevis Pin until the curved portion of the Hairpin snaps around the Clevis Pin.
Finally,re-tighten the two set screws.

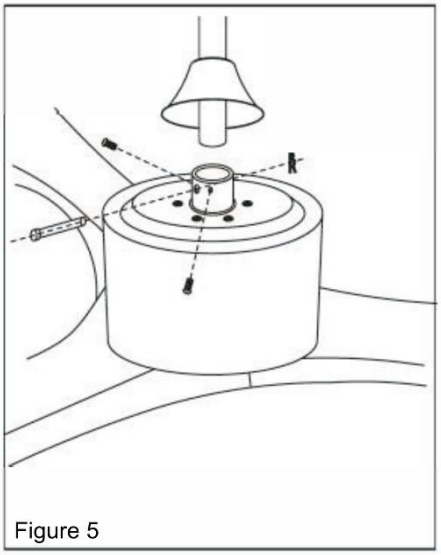


Figure 5

⚠WARNING

It is critical that the clevis screw in the downrod support is properly installed and the set screws are securely tightened.

Failure to verify the clevis screw,hairpin clip and inner washers properly installed could result in the fan falling.

6.Carefully lift the fan,and set the downrod/hanger ball assembly on the hanger bracket attached to the ceiling joist. Be sure the groove in the ball is properly aligned with the tab on the hanger bracket.
(Figure 6)

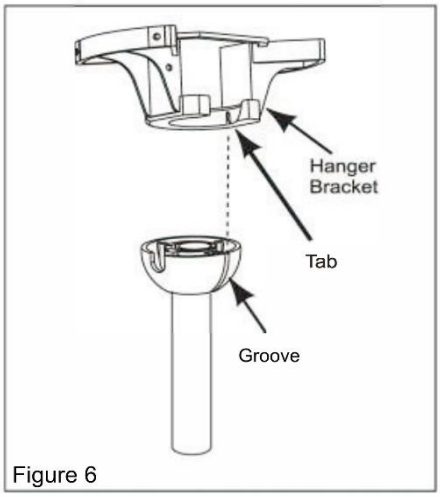


Figure 6

⚠ WARNING

The fan must be hung with at least 230 cm of clearance from floor to blades.

7.0 Illustrations

Illustration 2e - User manual

HOW TO INSTALL THE FAN DOWNROD TYPE

7.Install the LED light.

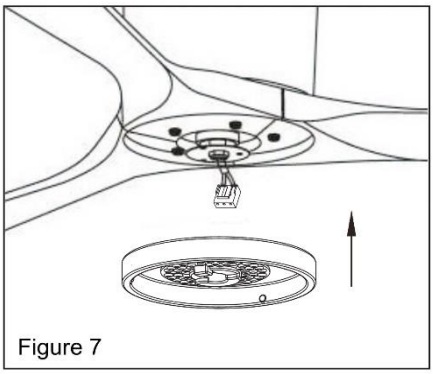


Figure 7

Connect the quick connector.
(Figure7)

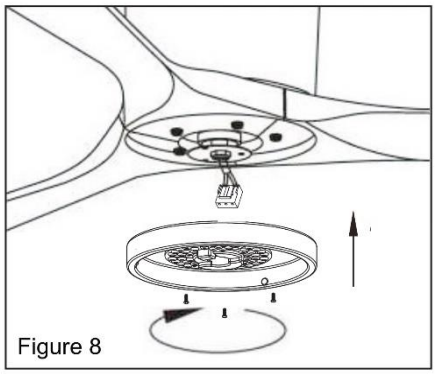


Figure 8

Align the lamp holder's screw holes with those on the motor and attach both parts by means of the screws provided.(Figure 8)

8.Install the shade

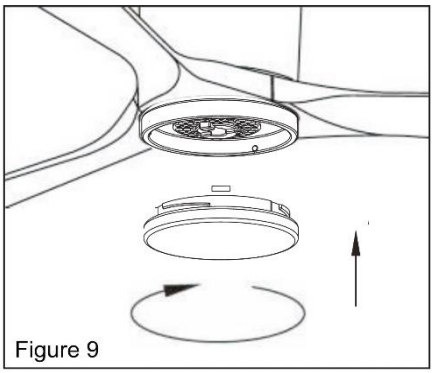


Figure 9

Rotate the lamp shade into the lamp tray to make sure it is securely installed.(Figure9)

9.Install canopy

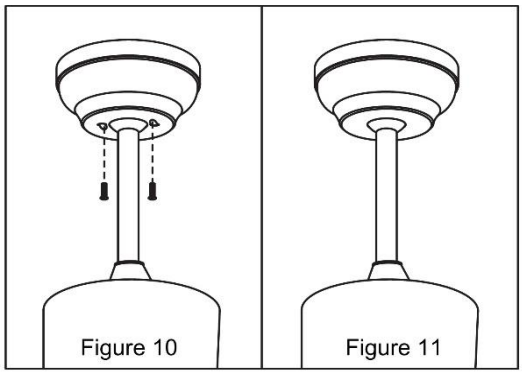
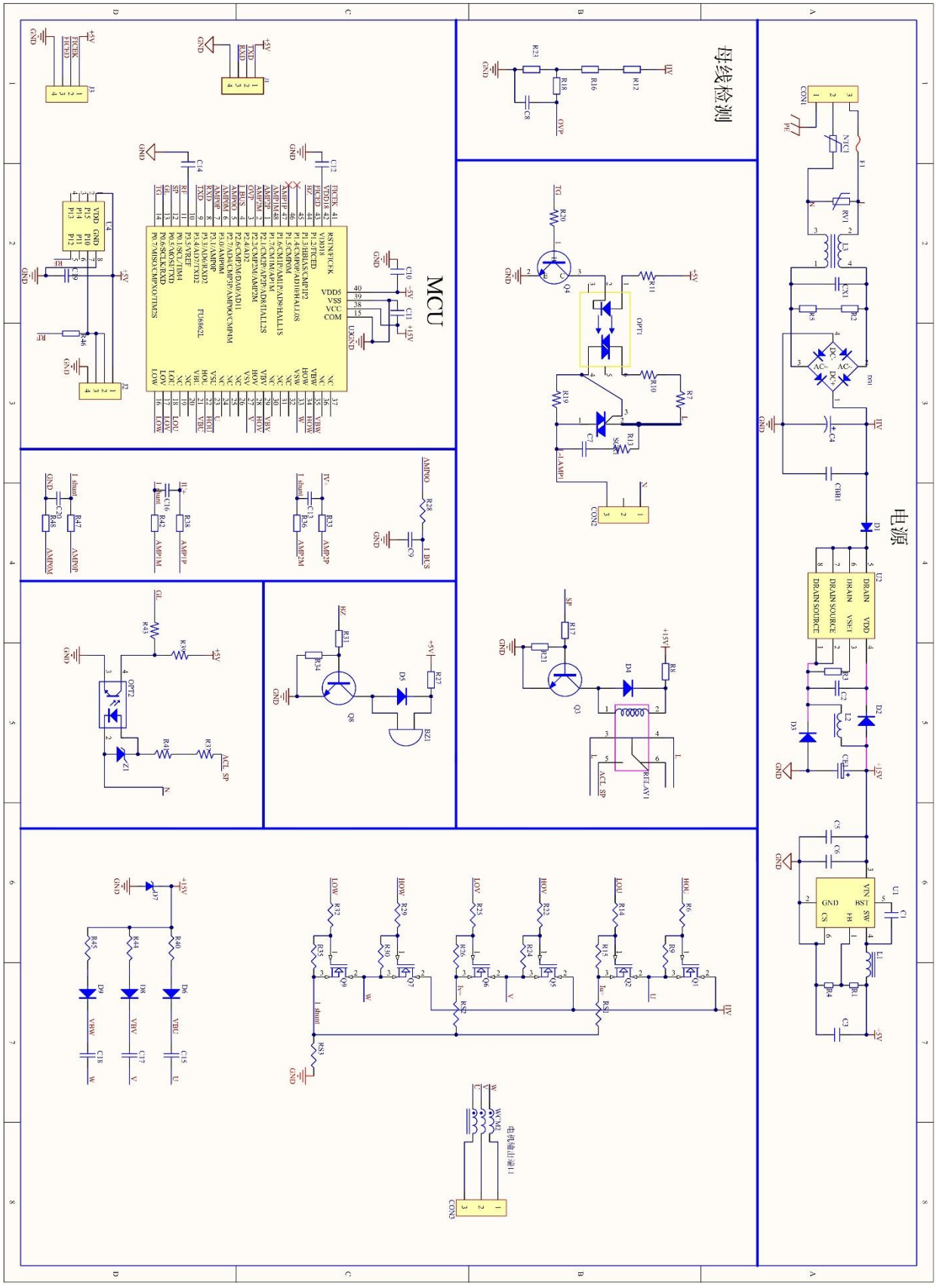


Figure 10 Figure 11

Mount the canopy by tightening the two screws.(Figure10)
Then push the decorative cover onto the canopy.(Figure11)

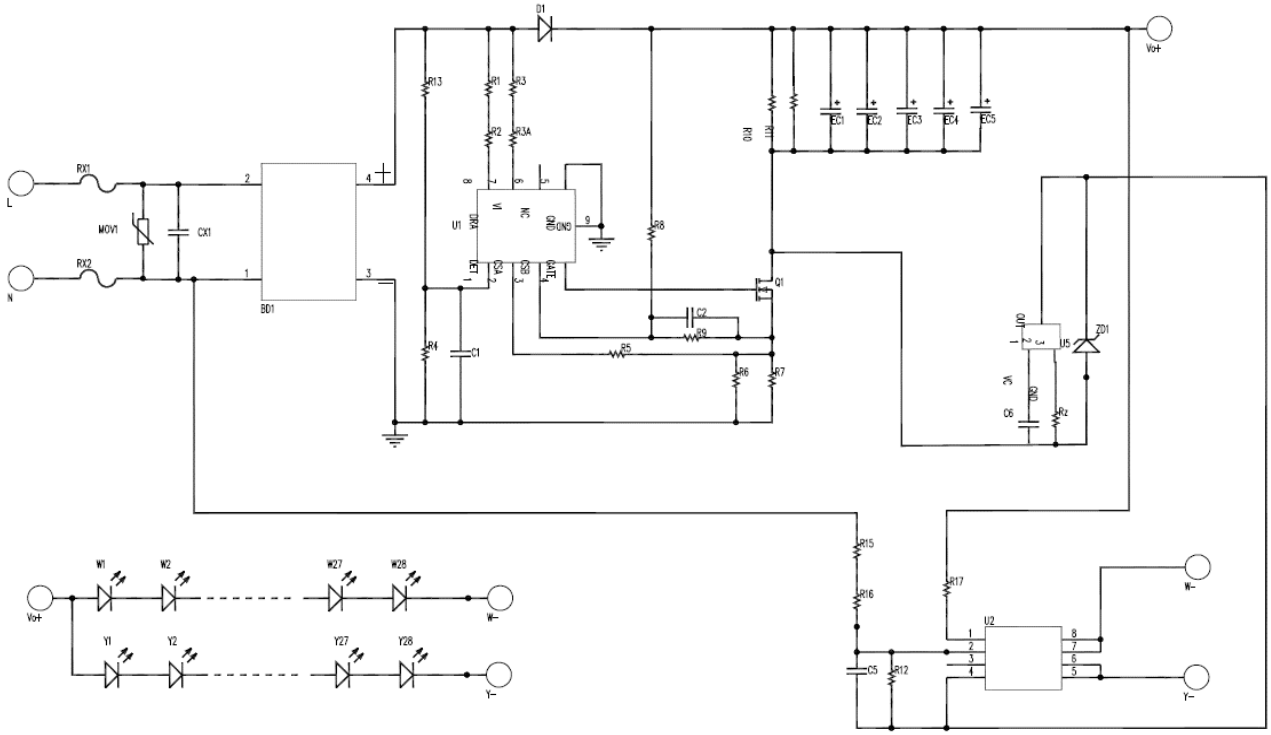
7.0 Illustrations

Illustration 3 - Circuit Diagram of controller



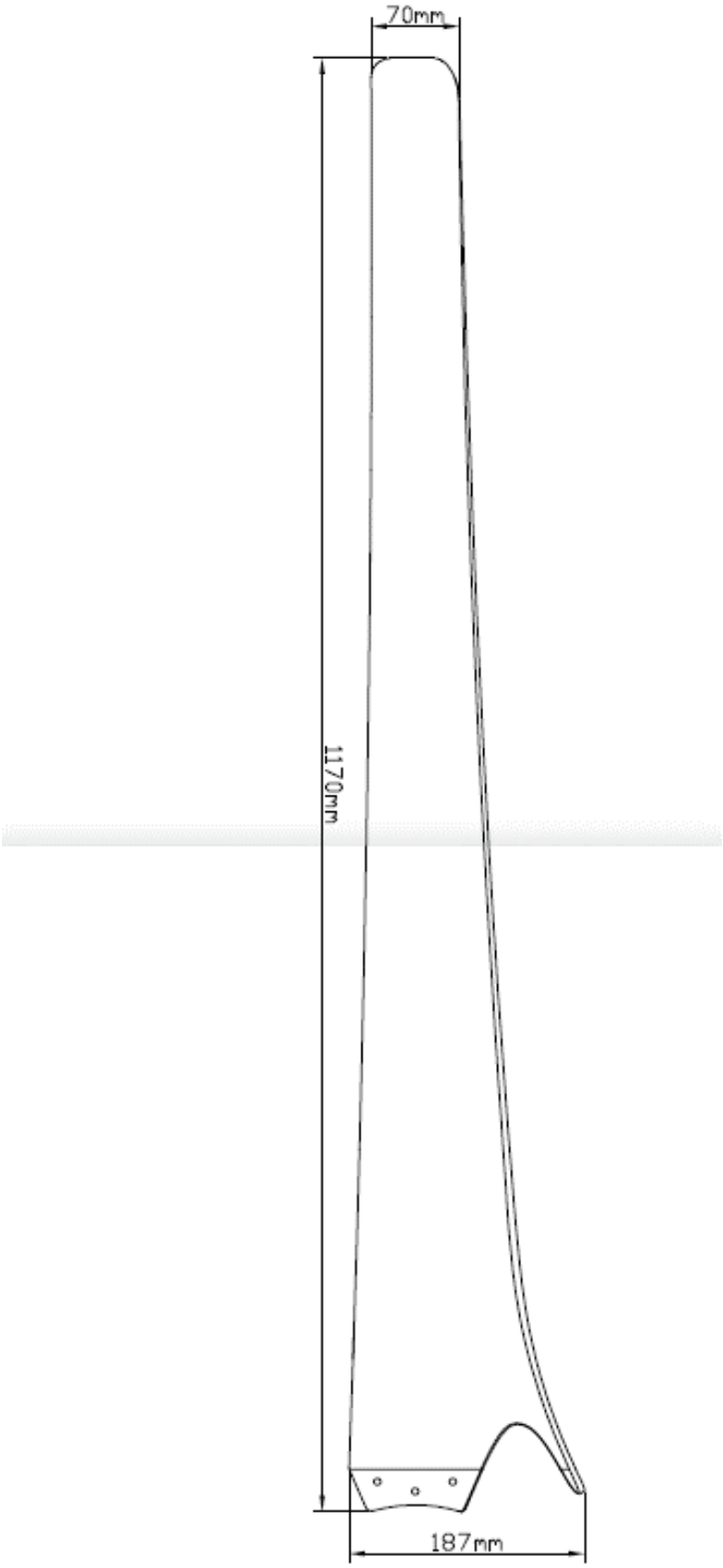
7.0 Illustrations

Illustration 3a - Circuit Diagram of LED module



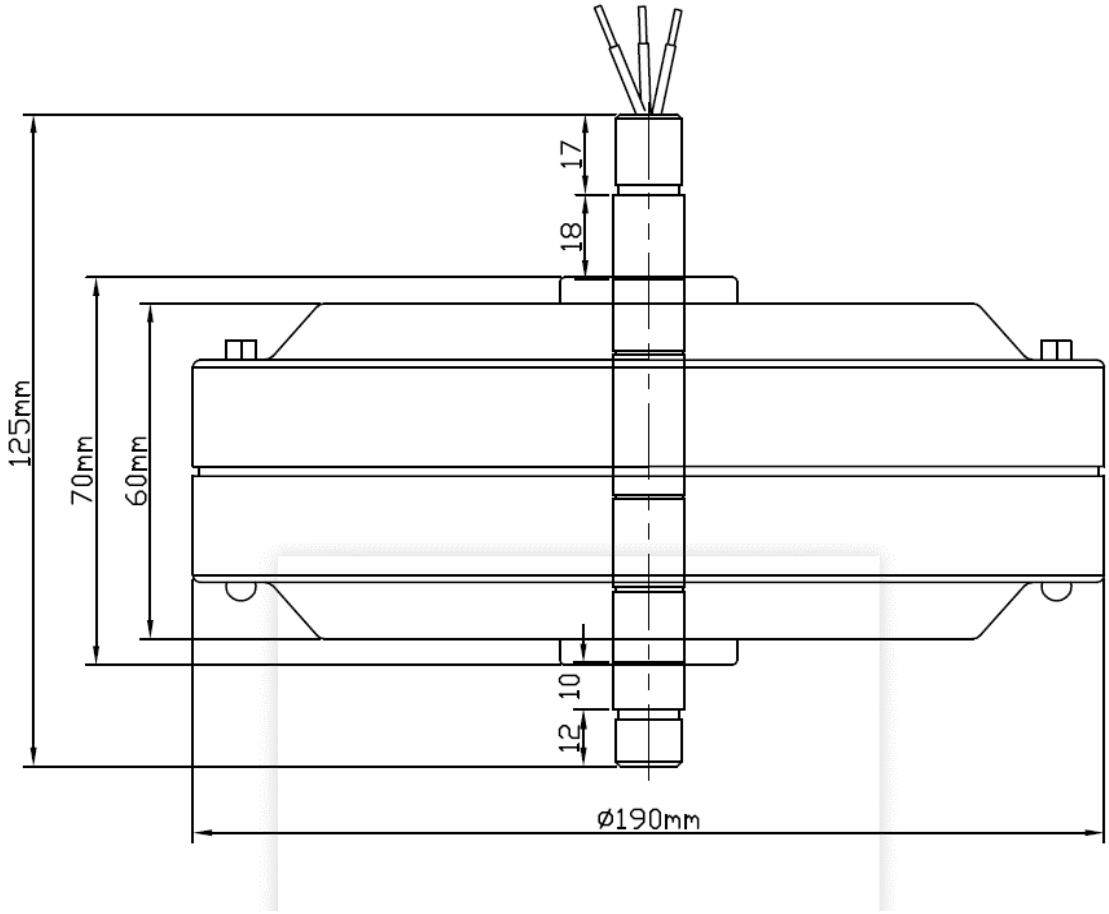
7.0 Illustrations

Illustration 4 - Drawing of Blade



7.0 Illustrations

Illustration 5 - Drawing of Fan motor



8.0 Test Summary					
Evaluation Period	2-Jun-2023 to 17-Nov-2023			Project No.	230602004SZN
Sample Rec. Date	2-Jun-2023	Condition	Prototype	Sample ID.	Z230602004-001~010
Test Location	Intertek Testing Services Shenzhen Ltd. Longhua Branch (101, 201, Building B, No. 308 Wuhe Avenue, Zhangkengjing Community, GuanHu Subdistrict, LongHua District, Shenzhen, 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:

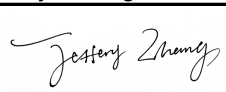
Test Description	UL 507:2017 Ed.10+R:27May2020 Clause	CSA C22.2#113:2015 Ed.10+U1 Clause	UL 746C:2018 Ed.7+R:20Apr2020 / Clause
Continuity of Grounding Circuit Test	42	--	--
Starting Current Test	44	--	--
Input Test	45	--	--
Temperature Test	46	--	--
Dielectric Voltage Withstand Test	47	--	--
Humidity Conditioning Test	53	--	--
Installation Test	74	--	--
Static Load Test	91.1	--	--
Static load test for ceiling-suspended fan blade brackets	91.4.1	--	--
Dynamic load test for ceiling-suspended fan blade brackets	91.4.2	--	--
Bonding - Impedance Test	--	5.18	--
Rating Test	--	6.3	--
Temperature Test	--	6.4	--
Dielectric Strength Test	--	6.5	--
Overload Test	--	6.6	--
Abnormal Temperature Test	--	6.11	--
Support Strength Tests for Pendent Ceiling Fans	--	6.20	--
Moisture Absorption Resistance	--	6.30	--
Resistance to Impact Test	--	--	56
Abnormal Operation Test	--	--	59
Severe Conditions / Severe Conditions Test	--	--	28/60
Input to Motor / Input to Motors Test	--	--	30/63
Test Description	UL 1004-1:2012 Ed.2+R:07Aug2018 & UL 1004-2:2014 Ed.2+R:06Feb2015 Clause	CSA C22.2#77:2014 Ed.8+E1 Clause	--
Locked-Rotor or No-Load Temperature Test	3	--	--
Endurance Test	4	--	--
Locked-Rotor Temperature	--	6.4	--
Dielectric Strength	--	6.5	--

8.0 Test Summary					
Evaluation Period	2-Jun-2023 to 08-Nov-2023			Project No.	230602005SZN
Sample Rec. Date	2-Jun-2023	Condition	Prototype	Sample ID.	Z230602005-001~010
Test Location	Intertek Testing Services Shenzhen Ltd. Longhua Branch (101, 201, Building B, No. 308 Wuhe Avenue, Zhangkengjing Community, GuanHu Subdistrict, LongHua District, Shenzhen, 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 / Clause	CSA C22.2#250.0:2021 Ed.5+U1 / Clause	--
Normal Temperature Test	15	15	--
Barrier Strength Test	17.1	17.1	--
Mold Stress Relief Test	17.4	17.4	--
Loading Test	17.15	17.15	--
Impact Test	17.41	17.41	--
Dielectric Voltage-Withstand Test	18.1	18.1	--
Bonding Impendance Test	18.2	18.2	--
Test Description	**UL 8750:2015 Ed.2+R:7Dec2022 / Clause**	**CSA C22.2#250.13:2020 Ed.4+U1 / Clause**	**--**
Input Test	8.2	9.2	--
Dielectric voltage withstand test	8.6	9.4	--
Abnormal Tests-Component Failure Test	8.7.2	9.5.2	--
Component testing reviewer	Rock Li		--

8.0 Test Summary					
Evaluation Period	28-Jul-2023 to 26-Sep-2023			Project No.	230907030GZU
Sample Rec. Date	28-Jul-2023	Condition	Prototype	Sample ID.	S230627185-001~002
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 60730-1:2016 Ed.5+R:18Oct2021 and CSA E60730-1:2015 Ed.5+A1/ Clause	--	--
Heating test	14	--	--
Environmental Stress	16	--	--
Creepage distances and clearances measurements	20	--	--
Thermal Cycling	H.17.1.4.2	--	--
Electromagnetic compatibility (EMC) requirements – Immunity	H.26	--	--
Abnormal Operation: Overvoltage conditions	H.27.4	--	--
Component testing reviewer	Daniel Liu	--	--

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:	Martin Cai	Reviewed by:	Jeffery Zhang
Title:	Assistant Engineer	Title:	Project 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	Zhongshan 9D Intelligent Lighting Tech Co., Ltd
Address	No.24, the 2nd of Yihui Road, Henglan Town, ZHONGSHAN CITY, Guangdong 528478
Country	China
Product	Ceiling Fan With Light Kit

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

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 Ltd. Longhua Branch
ETL Component Evaluation Center
101, 201, Building B, No. 308 Wuhe Avenue, Zhangkengjing Community, GuanHu Subdistrict, LongHua District
Shenzhen, China
Attn: 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
Grounding Continuity Test
Polarity 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, all switches, contactors, relays, etc., should be closed so that all primary circuits are energized by the test 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 circuits and accessible dead-metal parts. 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:

Product	Test Voltage	Test Time
All products covered by this Report.	1000VAC or 1200VAC	60 s 1 s

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.

Products Requiring Grounding Continuity Test:

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.

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
				None