



# LED

## BRIGHT33® TRANSITIONAL LED HUGGER FAN

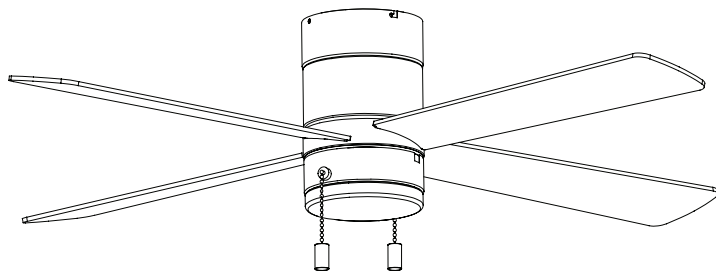
### INSTALLATION INSTRUCTIONS

#### B33HCF52

**Thank you for  
purchasing Bright33®!**

**Please read carefully before  
installing fixture.**

Save these instructions, as you  
may need them at a later date.



damp  
location



[bright33.com](http://bright33.com)

Please follow steps for installation. →

## SAFETY INSTRUCTIONS:



Turn power off before installation, inspection, or removal. Use all necessary precautions while performing this procedure.



Consult a qualified electrician to ensure correct branch circuit conductor. Min. 194° F (90° C) supply conductors.



Properly ground electrical enclosure. IT IS IMPERATIVE THAT THE OUTLET BOX BE PROPERLY GROUNDED.



DO NOT REVERSE THE HOT AND NEUTRAL CONNECTIONS, OTHERWISE SAFETY WILL BE COMPROMISED.



Fan must be mounted with a minimum of 7 ft. (2.1M) clearance from the trailing edge of the blades to the floor.



The outlet box and ceiling support joist must be securely mounted and capable of safely supporting a minimum of 50 lbs (23K). Use only UL-listed outlet boxes marked "Acceptable For Fan Support".



To reduce the risk of personal injury, use only approved hanging brackets and screws supplied with this ceiling fan when mounting to the outlet box.



To reduce the risk of personal injury, use only set screws provided with the fan for mounting to the outlet box. **NOTE:** Outlet boxes commonly used for supporting lighting fixtures may not be acceptable for fan support, and may need to be replaced. Consult a qualified electrician if in doubt.



After completing installation, check all set screws and make sure they are firmly secured.



To reduce the risk of fire or electric shock, do NOT use this fan with any solid-state speed control device.



To reduce the risk of person injury, do NOT insert foreign objects in between rotating fan blades.



This integrated LED ceiling fan has no lamp/bulb to replace.

**GENERAL:** All electrical connections must be in accordance with local and National Electrical Code (N.E.C.) standards. If you are unfamiliar with proper electrical wiring connections, contact and obtain the services of a qualified electrician. Use UL or IEC approved wire only for input/output connections.

Remove ceiling fan and mounting components from the box, and make sure that no parts are missing, by referencing the illustration in the illustration instructions.

**NOT DIMMING COMPATIBLE:** *This product is NOT compatible with dimmers. Ceiling fan performance could be compromised by wiring ceiling fan with dimmer. DO NOT USE WITH DIMMER(S)!*

## TOOLS REQUIRED FOR INSTALLATION:

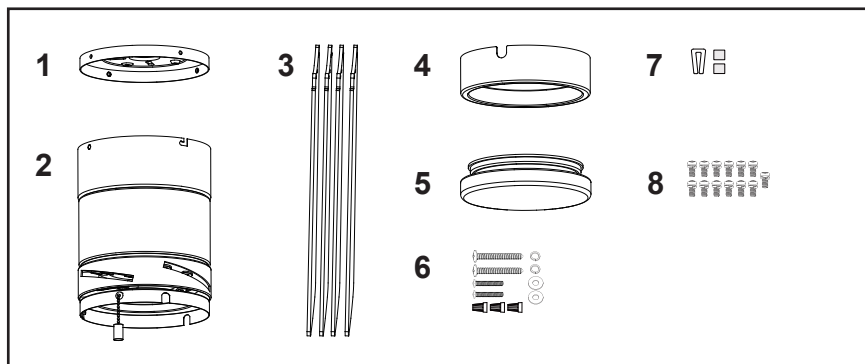
- Phillips Screwdriver
- Straight Slot Screwdriver
- Wire Cutter
- Adjustable Wrench
- Electrical Tape
- Step Ladder

## ELECTRICAL REQUIREMENTS:

Your ceiling fan will require a grounded electrical supply line of 120 volts AC, 60 Hz, 15 amp circuit.

## UNPACKING INSTRUCTIONS:

Remove contents from box. Ensure that no parts are missing. Reference the illustrations included with this instruction manual.



1. (1x) Mounting Plate
2. (1x) Fan Motor
3. (4x) Blade Set
4. Light Kit
5. Acrylic Shade
6. (2x) Wood Screws
  - A. (2x) Mounting Bracket Screws
  - B. (2x) Flat Washers
  - C. (2x) Spring Washers
  - D. (3x) Wire Nuts
7. (1 Set) Balance Kit
8. (13x) Blade Screws

## HANGING FAN BODY:

**1** SHUT OFF MAIN ELECTRICAL SUPPLY FROM THE MAIN FUSE BOX/CIRCUIT BREAKER!

**2** There are two installation options available. Please choose one based on your location. Before installation, please remove the existing brackets and use only the hanging discs provided with the fan packaging.

**3** *INSTALLING THE MOUNTING PLATE (Figures 1 and 2)*

Before securing the hanging disc to the metal fan's designated mounting box, the J-shaped hook screws should be tightened into the ceiling mounting box as secondary support.

**4** *INSTALLING THE MOUNTING PLATE (Figures 1 and 2)*

**Option A:** When attaching the suspension plate to the connection box, Use the screws included in the connection box or a fixture that includes suspension plate screws to ensure that the fixture is solid and meets the requirements to withstand a 70-pound (31.8 kg) fan load.

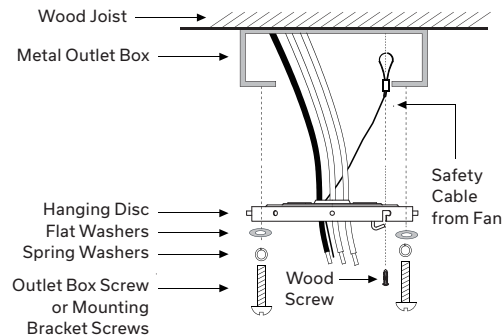
**Note:** To facilitate wiring, the house's wiring should pass through the hanging plate.

**5** *INSTALLING THE MOUNTING PLATE (Figures 1 and 2)*

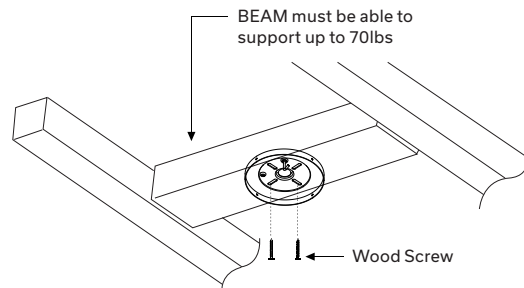
**Option B:** To secure the plate to the ceiling tunnel or to the supporting structure, use wood screws and joints (supplied) and an approved power box. If not installed in the roof socket box, use wooden screws, flatten the joints and fasten firmly to the roof beam. Make sure there are at least 1-3/16 in. (30 mm) deep threads in the support structure.

**Note:** The mounting screws provided apply only to wooden structures. For non-wooden structures, a suitable screw must be used.

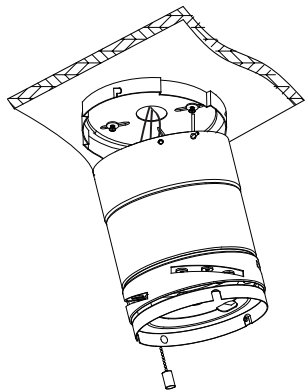
**Figure 1**



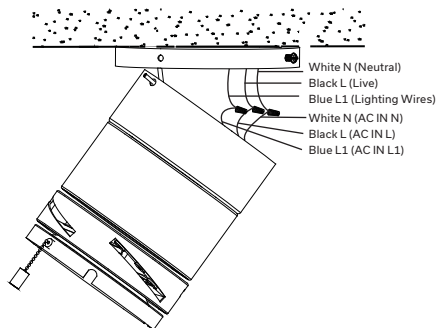
**Figure 2**



**Figure 3** ▲



**Figure 4** ▲



## **6** *HANGING FAN MOTOR ASSEMBLY (Figures 3)*

Lift the motor assembly and attach it to the J-shaped hook on the suspension disc.

## **7** *ELECTRICAL WIRING DIAGRAM (Figures 4)*

Complete the electrical wiring according to the 'ELECTRICAL WIRING DIAGRAM' section below.

**WARNING:** To avoid possible electrical shock, be sure you have turned off the power at the main circuit panel. Follow the steps below to connect the fan to your household wiring. Use the wire connecting nuts supplied with your fan. Secure the connectors with electrical tape. Make sure there are no loose wire strands or connections.

## **8** *ELECTRICAL WIRING DIAGRAM (Figures 4)*

**Step 1:** Connect the household power supply wire (black) to receiver input wire (black, AC IN L) as shown.

**Step 2:** Connect the household neutral supply wire (white) to the receiver input wire (white, AC IN N).

**Step 3:** Connect the household lighting wire (blue) to the receiver input wire (blue, AC IN L1).

**Step 4:** After connecting the wires, turn the connecting nuts upward and push the wiring into the mounting plate.

## 9 MOUNT THE MOTOR ASSEMBLY ONTO THE HOUSING ASSEMBLY (Figures 5)

**Step 1:** Remove two O-ring groove screws that are attached to the motor assembly and release two L-shaped groove screws that are also attached to the motor assembly.

**Step 2:** Lift the motor assembly onto the disc and allow the L-shaped groove on the motor assembly to pass through both of the screws.

**Step 3:** Rotate the motor assembly until it locks into place at the end of the L-shaped groove, securing it by tightening the two screws in the L-shaped groove.

**Step 4:** Reattach and tighten the two O-ring groove screws on the motor assembly onto the O-ring groove.

## 10 BLADE INSTALLATION (Figures 6)

**Step 1:** Insert the blade mounting end into the groove of the rotating drum.

**Step 2:** Align the three holes on the blades with the corresponding three holes on the rotating drum of the fan motor assembly, and use three blade screws to secure the blades to the fan motor assembly. Ensure that all screws are evenly tightened to reduce the likelihood of warping or imbalance. Be careful not to overtighten the screws, as this could damage the blades.

**Step 3:** Once completed, repeat this process for the remaining blades.

## 11 INSTALLING THE LIGHT KIT (Figures 7)

Unscrew all three screws on the base plate of the fan motor. Connect the wiring of the light assembly to the fan motor. Black to black, white to white. After wiring is complete, align the zipper hole and switch hole of the light assembly with the corresponding holes on the fan motor, merge them, and then reattach the three removed screws. Finally, align the acrylic lamp cover with the fan and rotate it clockwise until it is securely fastened.

Figure 5

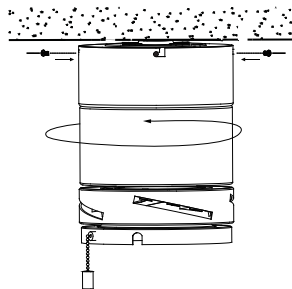


Figure 6

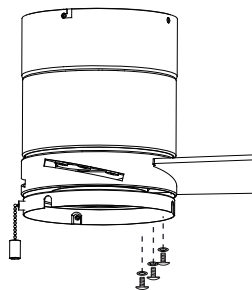
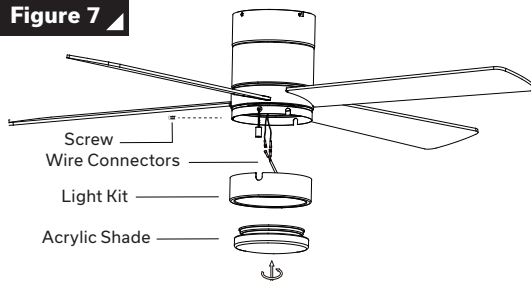
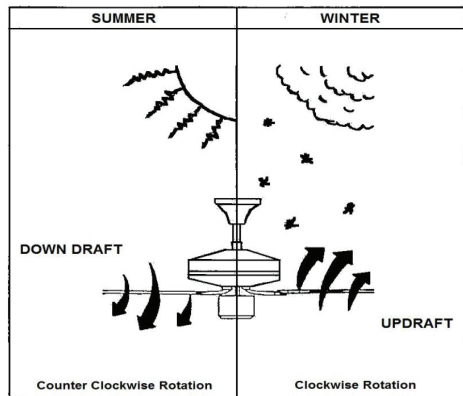
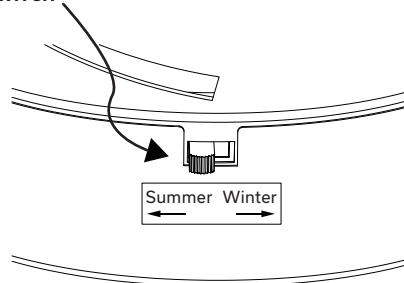


Figure 7



**Figure 8**

**REVERSE SWITCH**



## OPERATION INSTRUCTIONS:

Connect the WOOD TASSELS to the two pull chains located in the LIGHT KIT. One is for the FAN, and the other is for the LIGHT.

Turn on power and check the operation of your fan.

3-SPEED PULL CHAIN: 1st Pull = High Speed, 2nd Pull = Medium Speed, 3rd Pull = Low Speed, 4th Pull = OFF

To turn the LIGHT KIT "ON" or "OFF", pull the chain attached to the LIGHT KIT.

**CAUTION:** Even if the fan is mounted with a minimum of 7ft. clearance from the trailing edge of the blades to the floor, use caution and avoid raising your arms or any other object in the paths of the blade.

## REVERSE SWITCH OPERATING INSTRUCTIONS (FIGURE 12):

A slide REVERSE SWITCH is located on the COLLAR COVER, which controls the direction of blade rotation.

The left position causes the blades to rotate in reverse, while the right position causes them to rotate in forward direction.

**Summer Mode:** The reverse switch should be set to the left (SUMMER) position, which will cause the fan to rotate counterclockwise. The airflow will be directed downward, useful for cooling in the summer.

**Winter Mode:** The reverse switch should be set to the right (WINTER) position to ensure that the fan rotates in a clockwise direction. The airflow will be directed upwards, aiding in the circulation of warm air and thus helping to conserve energy during the winter months.

**CAUTION:** Wait for the fan to stop before changing the setting of the REVERSE SLIDE SWITCH

## TROUBLESHOOTING:

- Check that line voltage at fixture is correct.
- Ensure that there is voltage at lamp fixture wires. If there is no voltage, then check all connections.
- Check that fixture is grounded properly.

If fixture does not light/start:

- Check switch to ensure that there are no defects.
- Check fuse/circuit breaker for trips, then check wiring connections.

If fixture sounds noisy:

- Ensure all motor housing screws are fully tightened.
- Ensure that the screws on the fan blade bracket are fully tightened.
- Check that the wire nut connections are not rubbing against each other, or inside the switch housing wall.
- Allow a 24-hour break period to eliminate most noises.

If fixture wobbles:

- Check that all blade screws are secure.
- Fan wobble usually occurs when blade levels are unequal.
- Moisture during transportation may cause slight weight variations. Use balance kits to eliminate this problem.

## CLEANING & MAINTENANCE:

**CAUTION:** Ensure fixture temperature is cool enough to touch. DO NOT clean or perform maintenance while fixture is energized.

- Clean lens and fixture housing with non-abrasive cleaning solution.
- Do not open fixture to clean LED. Do not touch the LED.
- Do not spray liquid directly on to LED, LED driver, or wiring.
- Clean fan blades with DRY cloth/duster; moisture may cause blades to warp.
- If fan starts to wobble, make sure blades and fan are tight and rebalance blades if needed. It is normal to rebalance fan blades—after several years of use, fan may begin to wobble.

*This device complies with Part 15 of the FCC Rules and has been tested and found to comply with the limits for Class B digital device. Operation is subject to the following two conditions: (1) this device may cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by manufacturer could void user's authority to operate the equipment.*

Customer Support: 440-786-2951  
**bright33.com**



**See Warranty On Back →**



## **PRODUCT WARRANTY**

Bright33 Products LLC ("Bright33<sup>®</sup>") warrants to the ORIGINAL PURCHASER ("Customer") that this light emitting diode (LED) fixture, including its LED arrays, LED drivers and integral control devices (the "Product"), will be free from defect in the manufacturing of the Product, under use of the Product as recommended by Bright33 within five (5) years of the manufacturing date (the "Warranty Period"). The finish material is warranted for a period of one (1) year. This warranty covers defects in manufacturing discovered while using the product as recommended by the manufacturer. If the Product fails due to defect in manufacturing during the Warranty Period, Bright33 will replace the defective Product or provide a refund, at our discretion.

## **WHAT IS NOT COVERED?**

This warranty does not cover, and Bright33 is not liable for, damage or loss resulting from accident or acts of God, installation, modification, maintenance or repair of the Product, use of the Product for unintended purpose(s), failure to use the product in accordance with instructions, use of abrasive or organic solvent cleaners on or with the Product, or misuse of the Product. Bright33 recommends using a professional electrician for installation or repair of the Product.

## **HOW TO OBTAIN WARRANTY SERVICE**

Contact our warranty department at [bright33.com](http://bright33.com) to report the defect and obtain a return code. Send failed Product with proof of purchase, name and address within thirty (30) days of failure to:

Bright33 Products LLC  
5700 Lee Rd S  
Maple Heights, OH 44137

Bright33 is not responsible for shipping costs of any return. Warranty coverage is conditioned upon Customer's compliance with these instructions regarding warranty service.

## **SOLE AND EXCLUSIVE REMEDY – LIMITATION OF LIABILITY AND DAMAGES**

THIS WARRANTY IS THE SOLE AND EXCLUSIVE REMEDY OF CUSTOMER FOR ANY CLAIM, DAMAGE OR LOSS RESULTING FROM ANY DEFECT IN THE MANUFACTURING OF THE PRODUCT. Customer's remedy for any warranty claim or other claim for damage or loss shall be limited to Customer's return of the Product to Bright33, in compliance with the instructions herein, and refund of the purchase price or repair or replacement of the nonconforming Product, at Bright33's sole discretion and option. Bright33 shall not be liable for any amount exceeding the purchase price paid by Customer due to any warranty claim or other claim for damage or loss of any kind. UNDER NO CIRCUMSTANCES SHALL BRIGHT33 BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, SPECIAL, EXEMPLARY OR PUNITIVE DAMAGES.

## **DISCLAIMER**

THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. EXCEPT AS EXPLICITLY STATED HEREIN, BRIGHT33 EXPRESSLY DISCLAIMS ALL WARRANTIES, WHETHER WRITTEN, ORAL, EXPRESS OR IMPLIED, TO THE FULLEST EXTENT PERMITTED BY LAW, INCLUDING ANY WARRANTY OF PERFORMANCE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NONINFRINGEMENT. NO REPRESENTATION OR STATEMENT OF ANY EMPLOYEE, MANAGER, DIRECTOR, REPRESENTATIVE, SUBCONTRACTOR OR AGENT OF BRIGHT33 SHALL NEGATE THIS DISCLAIMER.

This Product has been found to comply with Class B digital device specifications, pursuant to part 15 of applicable FCC Rules. Product may cause interference with radio communications if not installed and used in accordance with instructions.