

LED DOWNLIGHT

Installation Manual



- Please read the 「Safety Precautions」 prior to install for your safety.
- This manual is intended to prevent product damage and protect the user's safety.

Safety Precautions

WARNING • Violation of warnings may lead to serious injury or death.

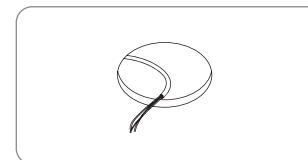
 Turn power off before contact of the product. • Risk of electric shock.	 Install a circuit breaker. • Risk of fire and electric shock.	 Use with proper rated voltage. (less than $\pm 10\%$) • Risk of fire and product damage.
 If there is a ground wire, perform grounding work. • Risk of electric shock.	 Electric work must be performed by a certified technician according to the installation manual. • Inadequate power capacity and faulty electric work may lead to fire or electric shock.	 Do not randomly connect the power polarities. • Risk of product damage and accidents.
 Do not install in areas that have risks of flooding. • Risk of electric shock and fire.	 Do not use the product if impurities are present in the product or if the product is submerged. • Risk of accidents such as electric shock and product damage.	 Do not store in a humid area. • Risk of product malfunctioning.
 Do not cover the device with clothes or paper. Do not place it near inflammables. • Otherwise, it may cause malfunction of the device or fire.	 Do not disassemble or arbitrarily remodel the product. Do not use for underwater lighting purposes. (Underwater landscape, searchlight, fishing, events, etc.) • Risk of fire and electric shocks.	 Must fix the product properly on the ceiling. • Risk of product dropping and causing injury to the user.
 If the lamp turns off by itself, do not disassemble the product. Contact your local LGE sales representative for repair. • Risk of electric shock and product malfunctioning.	 Do not stare directly at the lamp when turned on. • Strong light may cause visual impairment.	 Do not expose the product to water when cleaning it. • Risk of fire and electric shock.
 Do not use if the product has been dropped or exposed to shock. • Risk of product malfunctioning.	 Be careful not to apply excessive force to the power cable. • Otherwise, it may cause the device to drop or result in electric shock.	 Keep some distance between the lamp and the object to be illuminated. • If the illumination distance is too close or if the illumination is on a material's surface, this may cause discoloration or deformation of the object or cause fire.

CAUTION • Violation of precautions may lead to light injury or product damage.

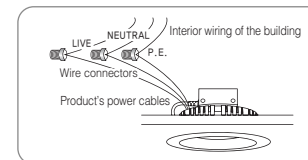
- Do not wipe the surface with inflammables, such as alcohol, benzene, and acetone.
- Do not use the device in places with corrosive gases.
- The color and the brightness of the lamp may differ even among the same model because the LED light source has "light dispersion".

Installation

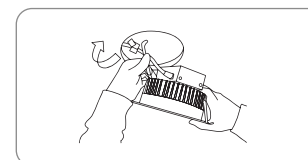
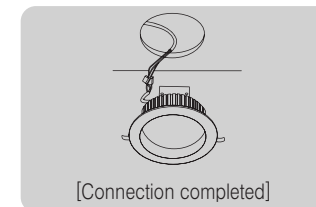
- !** Make sure to turn off the main power switch off the installation space before connection.
 Connect so that the colors of the 3 power cables match.
 (LIVE: BROWN, NEUTRAL: BLUE, P.E.: GREEN/YELLOW)



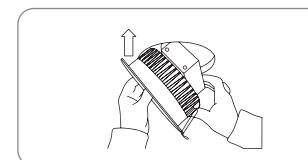
- 1** Drill and prepare the ceiling so that it can accommodate the product.
 ※ Refer to page 3 for product size.



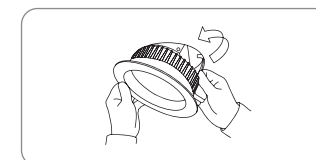
- 2** Connect the 3 product cables to the interior wiring of the building. For wire connectors, use standardized products.
 ※ The 4 Inch product is used for Single-phase two-wire system. (Without P.E.)



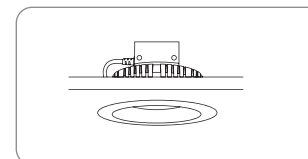
- 3** Tuck up a spring of the product and then hang it on the ceiling.



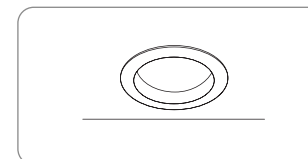
- 4** Insert the power cable in such a way that the power cable does not get tangled between the ceiling surface and the product.



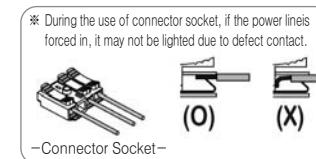
- 5** Sufficiently lift the product so that the spring can be inserted on the other side.



- 6** Check to see if the product's exterior surface is installed on the ceiling so that there is no gap between them.



- 7** Turn the power switch on to verify that the product is working properly.

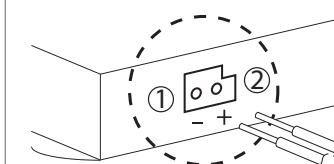


- ※ When this luminaire is connected to branch circuit, installation engineer must use the connector that meets the glow-wire test of 650°C (in case of France, 850°C) or higher.

Dimming Terminal Connection

! To dim the lamps, a compatible dimmer should be used.







The use of incompatible dimmers will result in damage to the products.
 Before installing dimmers, verify the compatible dimmer list with your local LGE sales representative.



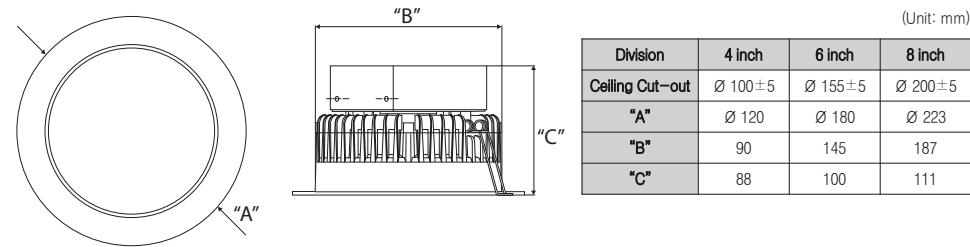
Pin No.	Output Name
1	GND
2	0~10V

- ※ Wire dimming function is included. (0~10V)
- ※ Please use wire with designated thickness. (24~20AWG)
- ※ Be careful of the polarity for correct dimming control.
- ※ Maximum number of products to be connected to 1 dimming controller: 14 (Compatible dimmer: 5743 09(Legrand))

● Things to check before Requesting Repair Service

Symptom	Check
It won't turn on. 	Check to see if the power is connected or if the switch is off.
It flickers. 	Turn the power off. Turn it back on after a moment. (If the flickering problem still exists, make a service request.)
A certain area is dark. 	Make a service request.  Service
It may blink momentarily at first lighting. 	Blinking 1 time at first lighting is not a disorder.
Sequential Lighting 	When it is lighted after connecting several lamps, the time of lighting may be different.

● Product Size



● Limited Warranty

The limited warranty set forth below is given by LG Electronics, Inc. ("LGE") with respect to the lighting product packaged with this limited warranty. (the "Product"). Your Product, when delivered to you in new condition in its original packaging, is warranted against defects in materials or workmanship as follows: for a period of two (2) years from the date of original purchase, defective parts or a defective Product returned to LGE, or its authorized service providers, as applicable, and proven to be defective upon inspection, will be repaired, or exchanged for a new Product, as determine by LGE, or the authorized service provider. This limited warranty is conditioned upon proper storage, installation, use and maintenance complying with their respective published specifications, and does not apply in the following cases: (a) Loss of or damage to the Product due to abuse, mis-handling, alteration, accident, electrical current fluctuations failure to follow operating, maintenance or environmental instructions prescribed by LGE in writing or services performed by someone other than LGE or an authorized service provider. To make a warranty claim, contact your local LGE sales representative. After contacting your local LGE sales representative, you will receive instructions regarding if, when and where to ship non-conforming Product. Failed Product must be returned for inspection and verification of non-conformance by LGE. Failure to follow this procedure shall void this warranty. WARRANTY IS VOID IF PRODUCT IS NOT USED FOR THE PURPOSE FOR WHICH THIS PRODUCT IS MANUFACTURED. NO IMPLIED WARRANTY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, APPLIES TO THE PRODUCT AFTER THE APPLICABLE PERIOD OF THE EXPRESS LIMITED WARRANTY STATED ABOVE, AND NO OTHER EXPRESS WARRANTY OR GUARANTY, EXCEPT AS MENTIONED ABOVE, GIVEN BY ANY PERSON OR ENTITY WITH RESPECT TO THE PRODUCT SHALL BIND LGE. (SOME STATES AND PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.)

● WEEE



<http://www.lg.com/global/sustainability/environment/>