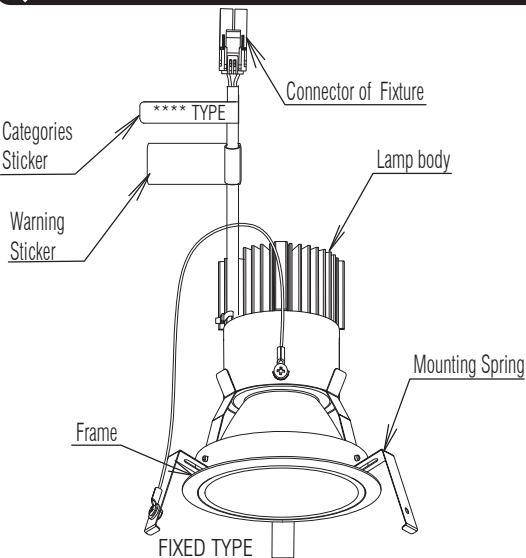


# LEDZ

## GLARELESS 100

### ◆ PARTS NAME



### ◆ COMPATIBLE DRIVER

| Categories | Driver Code | Dimming Type | Voltage     | Input Current | Power Consumption | Frequency |
|------------|-------------|--------------|-------------|---------------|-------------------|-----------|
| 900TYPE    | GRX467N-T   | No dim       | 220V ~ 240V | 65~61mA       | 13.7W             | 50Hz/60Hz |
|            | GRX480N-T   | 0-10V        |             | 70~67mA       | 13.6W             |           |
| 1400TYPE   | GRX468N-T   | No dim       |             | 94~87mA       | 19.8W             |           |
|            | GRX481N-T   | 0-10V        |             | 95~89mA       | 19.6W             |           |
| 2000TYPE   | GRX469N-T   | No dim       | 240V        | 129~120mA     | 27.7W             |           |
|            | GRX482N-T   | 0-10V        |             | 134~125mA     | 28.5W             |           |

### ◆ ABOUT LED LIGHT SOURCE

Compared with common incandescent lamp fluorescent lamp, the LED point sources are dispersed, so there may be differences in light emitting. LED module cannot be replaced.

### ◆ INSTALLING NOTE

1. Make sure that the luminaires with the mark should not contact the surface of combustible materials. The distance from luminaires to the combustible materials should follow the standard below.

| Categories   | Minimum Distance |
|--------------|------------------|
| 900/1400TYPE | 200mm            |
| 2000TYPE     | 300mm            |

2. Make sure that the luminaires with the mark as the right side drawing should not be covered by thermal insulation.

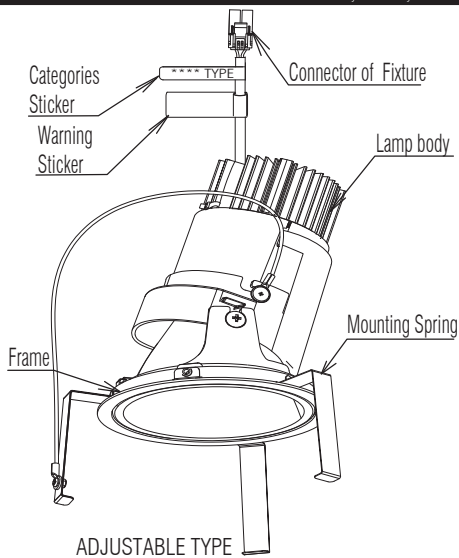


**WARNING**

At anytime, thermally insulating material can't cover the luminaire!

## INSTALLATION MANUAL

### FOR STORAGE



### ◆ HOW TO INSTALL

Products should be installed in accordance with International Wiring Regulations.

1. Turn off the power switch for safety.

⚠ It may cause electrical shock

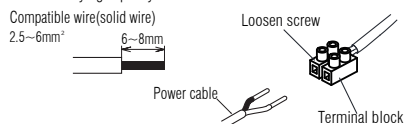
2. Make sure to ceiling can support the weight of fixture.
3. Open the hole as specified.  
(Effective installation thickness 3-25mm)

| Frame             | Option Frame Code   | Hole size |
|-------------------|---------------------|-----------|
| Round (Standard)  |                     | ∅100 ± 1  |
| Trimless (Option) | For Fixed type      | ∅105 ± 1  |
|                   | For Adjustable type |           |

⚠ Insufficient strength of ceiling or bigger holes exceeding above may cause the unit to fall down or leak light

4. Insert the power cable into the driver's Terminal block.

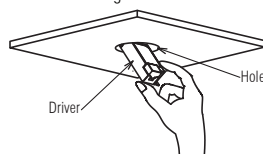
- Wire stripping length :6~8mm
- Make sure the cable is inserted until the bottom.
- The current carrying capacity shall be below 10A



- ⚠ Make sure not to draw out the power cable without pressing release button. Otherwise it may cause the distortion of the contact metal sheet burning off, power leakage, electric shock, and light off.
- ⚠ Incomplete connection or overload may cause fire, electric shock, or apparatus failure.
- ⚠ Always make sure to have proper grounding of type D as specified by the electronic equipment technology regulation. Otherwise, it may cause fire or electric shock

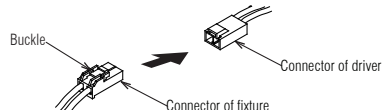
GERD5352BB-T-T

5. Put the driver into the ceiling hole

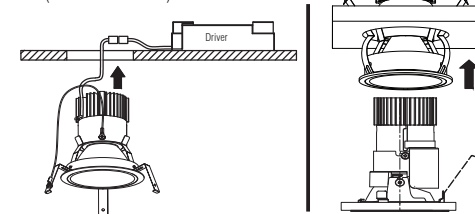


⚠ The driver should not touch fixture to avoid early failure

6. Connect the connector of driver with the connector of fixture.



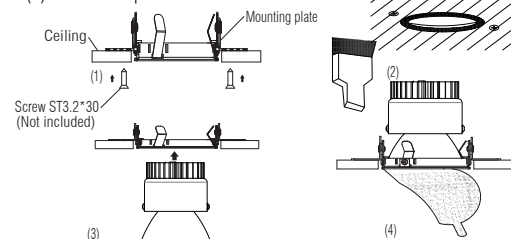
7. Install the fixture into the ceiling hole  
(Refer to the front view)



⚠ Insecure installation may cause the fixture to drop down

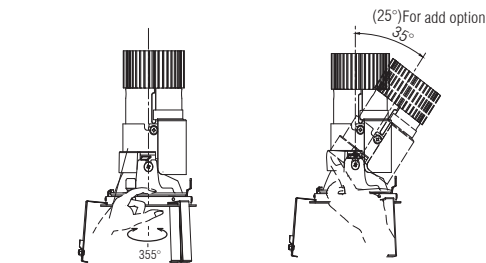
8. Refer to the below regarding Trimless frame

- (1) Adjust the height of mounting plate according to the ceiling thickness in advance.  
Put the frame into the ceiling hole.  
Fix the frame with the 2 screws
- (2) Apply plaster to fill-in the gap
- (3) Install the body into frame.
- (4) Remove the protective film after installation



⚠ Make sure the protective film is removed after installation to avoid early failure

### ◆ HOW TO ADJUST



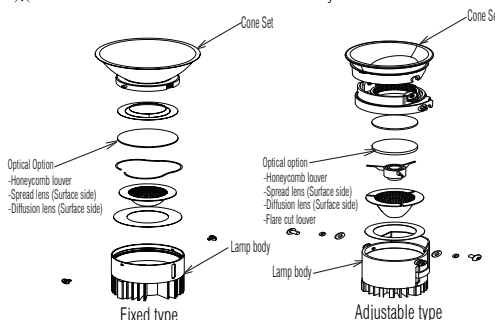
※ When it is necessary to rotate the fixture horizontally, make it stand up straight, then it can be rotated smoothly.

⚠ Watch out for high temperature of body

### ◆ OPTICAL OPTION

| Option Model | Name             |
|--------------|------------------|
| GRB-574C     | Diffusion lens   |
| GRB-578C     | Spread lens      |
| SRB-582B     | Honeycomb louver |
| GRB-587B     | Flare cut louver |

- ※ The Diffusion lens / Spread lens and Honeycomb louver cannot be used together.
- ※ For model with ultra wide angle, there is no option.
- ※ The surface directions of Diffusion lens and Spread lens is on lamp body side.
- ※ Flare cut louver can be used with lens narrow only.



⚠ It might normally sound due to a gap after installing the option lens.

### ◆ MAINTENANCE

⚠ For fixture in service for more three years, the fixture and cord should be checked annually to ensure safety.

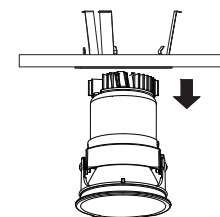
1. Make sure to cut off the power breaker and power switch for safety.

⚠ It may cause electrical shock

⚠ Do not touch the fixture (within 20 minutes after turning off the light), the high temperature of lamp body may cause burns

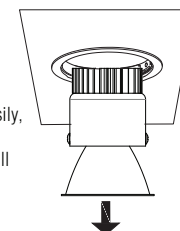
2. For Adjustable type

- Adjust the lamp angle to be 0°
- Insert the finger in cone then pull the lamp body down.



3. For Fixed type

- Pull the lamp body out of the frame.
- Insert the finger in cone then pull the lamp body down.
- In case the lamp body cannot be removed easily, you can insert Flat head screw into the gap between cone and frame then pull the lamp body down.



| Categories                        | Model                        | Light Distribution | LED color | Ra | Adjacent Illumination Limit | Input voltage                                   | Input current                             | Module power consumption                  |
|-----------------------------------|------------------------------|--------------------|-----------|----|-----------------------------|-------------------------------------------------|-------------------------------------------|-------------------------------------------|
| 900TYPE<br>1400TYPE<br>ADJUSTABLE | GERD5352BB-T<br>GERD5352WC-T | Narrow Angle       | 4000K     | 83 | 0.2m                        | 900type<br>DC 33.7V<br><br>1400type<br>DC 34.3V | 900type<br>350mA<br><br>1400type<br>500mA | 900type<br>11.8V<br><br>1400type<br>17.2V |
|                                   | GERD5355BB-T<br>GERD5355WC-T |                    | 3500K     | 83 |                             |                                                 |                                           |                                           |
|                                   | GERD5356BB-T<br>GERD5356WB-T |                    | 3000K     | 83 |                             |                                                 |                                           |                                           |
|                                   | GERD6400BB-T<br>GERD6409WB-T |                    | 2700K     | 93 |                             |                                                 |                                           |                                           |
|                                   | GERD8341BB-T<br>GERD8341WB-T |                    | 3000K     | 93 |                             |                                                 |                                           |                                           |
|                                   | GERD5353BB-T<br>GERD5353WC-T | Middle Angle       | 4000K     | 83 |                             |                                                 |                                           |                                           |
|                                   | GERD5356BB-T<br>GERD5356WC-T |                    | 3500K     | 83 |                             |                                                 |                                           |                                           |
|                                   | GERD5359BB-T<br>GERD5359WC-T |                    | 3000K     | 83 |                             |                                                 |                                           |                                           |
|                                   | GERD6410BB-T<br>GERD6410WB-T |                    | 2700K     | 93 |                             |                                                 |                                           |                                           |
|                                   | GERD8342BB-T<br>GERD8342WB-T |                    | 3000K     | 93 |                             |                                                 |                                           |                                           |
|                                   | GERD5354BB-T<br>GERD5354WC-T | Wide Angle         | 4000K     | 83 |                             |                                                 |                                           |                                           |
|                                   | GERD5357BB-T<br>GERD5357WC-T |                    | 3500K     | 83 |                             |                                                 |                                           |                                           |
|                                   | GERD5360BB-T<br>GERD5360WC-T |                    | 3000K     | 83 |                             |                                                 |                                           |                                           |
|                                   | GERD6411BB-T<br>GERD6411WB-T |                    | 2700K     | 93 |                             |                                                 |                                           |                                           |
|                                   | GERD8343BB-T<br>GERD8343WB-T |                    | 3000K     | 93 |                             |                                                 |                                           |                                           |
| 900TYPE<br>1400TYPE<br>FIXED      | GERD5344BB-T<br>GERD5344WC-T | Wide Angle         | 4000K     | 83 |                             |                                                 |                                           |                                           |
|                                   | GERD5346BB-T<br>GERD5346WC-T |                    | 3500K     | 83 |                             |                                                 |                                           |                                           |
|                                   | GERD5348BB-T<br>GERD5348WC-T |                    | 3000K     | 83 |                             |                                                 |                                           |                                           |
|                                   | GERD6399BB-T<br>GERD6399WB-T |                    | 2700K     | 93 |                             |                                                 |                                           |                                           |
|                                   | GERD8334BB-T<br>GERD8334WB-T |                    | 3000K     | 93 |                             |                                                 |                                           |                                           |
|                                   | GERD5345BB-T<br>GERD5345WC-T | Super Wide Angle   | 4000K     | 83 |                             |                                                 |                                           |                                           |
|                                   | GERD5347BB-T<br>GERD5347WC-T |                    | 3500K     | 83 |                             |                                                 |                                           |                                           |
|                                   | GERD5349BB-T<br>GERD5349WC-T |                    | 3000K     | 83 |                             |                                                 |                                           |                                           |
|                                   | GERD6400BB-T<br>GERD6400WB-T |                    | 2700K     | 93 |                             |                                                 |                                           |                                           |
|                                   | GERD8333BB-T<br>GERD8333WB-T |                    | 3000K     | 93 |                             |                                                 |                                           |                                           |
|                                   | GERD7535BB-T<br>GERD7535WB-T | Ultra Wide Angle   | 4000K     | 83 |                             |                                                 |                                           |                                           |
|                                   | GERD7536BB-T<br>GERD7536WB-T |                    | 3500K     | 83 |                             |                                                 |                                           |                                           |
|                                   | GERD7537BB-T<br>GERD7537WB-T |                    | 3000K     | 83 |                             |                                                 |                                           |                                           |
|                                   | GERD8336BB-T<br>GERD8336WB-T |                    | 3000K     | 93 |                             |                                                 |                                           |                                           |
|                                   | GERD8337BB-T<br>GERD8337WB-T |                    | 2700K     | 93 |                             |                                                 |                                           |                                           |

| Categories             | Model                        | Light Distribution | LED color | Ra | Adjacent Illumination Limit | Input voltage        | Input current     | Module power consumption |
|------------------------|------------------------------|--------------------|-----------|----|-----------------------------|----------------------|-------------------|--------------------------|
| 2000TYPE<br>ADJUSTABLE | GERD8214BB-T<br>GERD8214WB-T | Narrow Angle       | 4000K     | 83 | 0.3m                        | 2000type<br>DC 35.2V | 2000type<br>700mA | 2000type<br>24.6W        |
|                        | GERD8220BB-T<br>GERD8220WB-T |                    | 3500K     | 83 |                             |                      |                   |                          |
|                        | GERD8226BB-T<br>GERD8226WB-T |                    | 3000K     | 83 |                             |                      |                   |                          |
|                        | GERD8232BB-T<br>GERD8232WB-T |                    | 3000K     | 93 |                             |                      |                   |                          |
|                        | GERD8235BB-T<br>GERD8235WB-T |                    | 2700K     | 93 |                             |                      |                   |                          |
|                        | GERD8215BB-T<br>GERD8215WB-T | Middle Angle       | 4000K     | 83 |                             |                      |                   |                          |
|                        | GERD8221BB-T<br>GERD8221WB-T |                    | 3500K     | 83 |                             |                      |                   |                          |
|                        | GERD8227BB-T<br>GERD8227WB-T |                    | 3000K     | 83 |                             |                      |                   |                          |
|                        | GERD8233BB-T<br>GERD8233WB-T |                    | 3000K     | 93 |                             |                      |                   |                          |
|                        | GERD8236BB-T<br>GERD8236WB-T |                    | 2700K     | 93 |                             |                      |                   |                          |
|                        | GERD8216BB-T<br>GERD8216WB-T | Wide Angle         | 4000K     | 83 |                             |                      |                   |                          |
|                        | GERD8222BB-T<br>GERD8222WB-T |                    | 3500K     | 83 |                             |                      |                   |                          |
|                        | GERD8228BB-T<br>GERD8228WB-T |                    | 3000K     | 83 |                             |                      |                   |                          |
|                        | GERD8234BB-T<br>GERD8234WB-T |                    | 3000K     | 93 |                             |                      |                   |                          |
|                        | GERD8237BB-T<br>GERD8237WB-T |                    | 2700K     | 93 |                             |                      |                   |                          |
|                        | GERD8216BB-T<br>GERD8216WB-T | Ultra Wide Angle   | 4000K     | 83 |                             |                      |                   |                          |
|                        | GERD8222BB-T<br>GERD8222WB-T |                    | 3500K     | 83 |                             |                      |                   |                          |
|                        | GERD8228BB-T<br>GERD8228WB-T |                    | 3000K     | 83 |                             |                      |                   |                          |
|                        | GERD8234BB-T<br>GERD8234WB-T |                    | 3000K     | 93 |                             |                      |                   |                          |
|                        | GERD8237BB-T<br>GERD8237WB-T |                    | 2700K     | 93 |                             |                      |                   |                          |
| 2000TYPE<br>FIXED      | GERD8190BB-T<br>GERD8190WB-T | Wide Angle         | 4000K     | 83 |                             |                      |                   |                          |
|                        | GERD8196BB-T<br>GERD8196WB-T |                    | 3500K     | 83 |                             |                      |                   |                          |
|                        | GERD8202BB-T<br>GERD8202WB-T |                    | 3000K     | 83 |                             |                      |                   |                          |
|                        | GERD8205BB-T<br>GERD8205WB-T |                    | 3000K     | 93 |                             |                      |                   |                          |
|                        | GERD8211BB-T<br>GERD8211WB-T |                    | 2700K     | 93 |                             |                      |                   |                          |
|                        | GERD8191BB-T<br>GERD8191WB-T | Super Wide Angle   | 4000K     | 83 |                             |                      |                   |                          |
|                        | GERD8197BB-T<br>GERD8197WB-T |                    | 3500K     | 83 |                             |                      |                   |                          |
|                        | GERD8203BB-T<br>GERD8203WB-T |                    | 3000K     | 83 |                             |                      |                   |                          |
|                        | GERD8206BB-T<br>GERD8206WB-T |                    | 3000K     | 93 |                             |                      |                   |                          |
|                        | GERD8212BB-T<br>GERD8212WB-T |                    | 2700K     | 93 |                             |                      |                   |                          |
|                        | GERD8192BB-T<br>GERD8192WB-T | Ultra Wide Angle   | 4000K     | 83 |                             |                      |                   |                          |
|                        | GERD8198BB-T<br>GERD8198WB-T |                    | 3500K     | 83 |                             |                      |                   |                          |
|                        | GERD8204BB-T<br>GERD8204WB-T |                    | 3000K     | 83 |                             |                      |                   |                          |
|                        | GERD8207BB-T<br>GERD8207WB-T |                    | 3000K     | 93 |                             |                      |                   |                          |
|                        | GERD8213BB-T<br>GERD8213WB-T |                    | 2700K     | 93 |                             |                      |                   |                          |

⚠ For fixture in service for more than three years. The fixture and cord should be checked annually to ensure safety.  
In case of any fault, please replace it with new one immediately.

#### ■ HOW TO CLEAN

⚠ Make sure to turn off the master switch before cleaning the lamp. It may cause electric shock.

- Apply the neutral detergent, wipe with well-wringed cloth and finish with dried cloth.
- Do not wipe the lamp with thinner or volatile substances such as gasoline, or acid/alkali detergent or insecticide.

● Products should be installed in accordance with International Wiring Regulations. If in doubt, contact a qualified electrician.

For after-sales services, change of address or gift of product to persons in other areas, contact distributor where purchased, or sales office nearby.