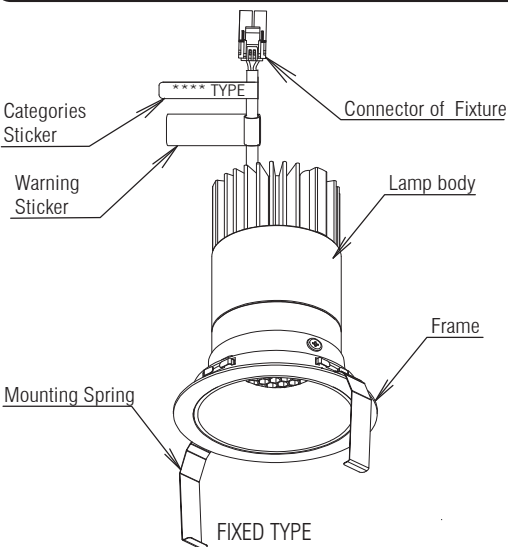


GLARELESS MINI 50

◆ PARTS NAME



◆ COMPATIBLE DRIVER

Categories	Driver Code	Dimming Type	Voltage	Input Current	Power Consumption	Frequency
300TYPE	GRX506N-T	0-10V	220V ~ 240V	37mA	6.5W	50Hz/60Hz
500TYPE	GRX466N-T	No dim		50~47mA	10.2W	
	GRX479N-T	0-10V		59~58mA	10.4W	
700TYPE	GRX467N-T	No dim	240V	68~63mA	14.2W	
	GRX480N-T	0-10V		73~63mA	14.3W	

◆ ABOUT LED LIGHT SOURCE

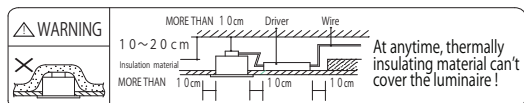
Compared with common incandescent lamp fluorescent lamp, the LED point sources are dispersed, so there may be differences in light emitting. LED module cannot be replaced.

◆ 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.

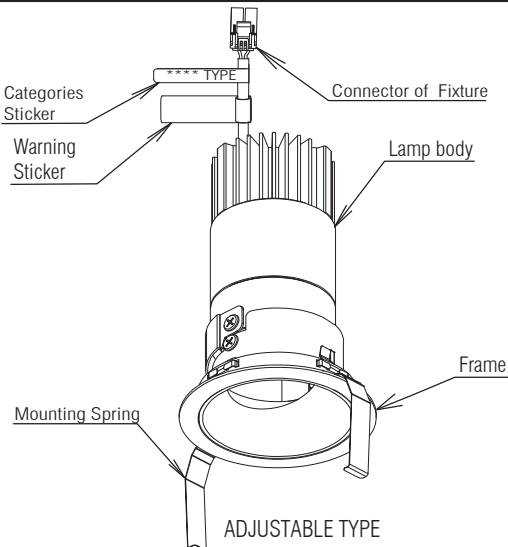
Categories	Minimum Distance
300/500/700TYPE	100mm

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



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.

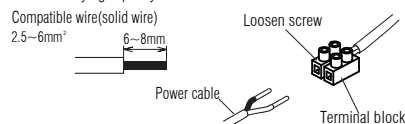
(Effective installation thickness 6-21mm)

Frame	Option Frame Code		Hole size
Round (Standard)			ø 50 +1, -0
Trimless (Option)	For FIX/ADJ type	GRB842W	ø 55 ± 1
Square (Option)	For FIX/ADJ type	GRB840W/B/M	□ 55 ± 1
	For FIX/ADJ type 2 units	GRB841W/B/M	□ 55x110 ± 1

⚠ 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.

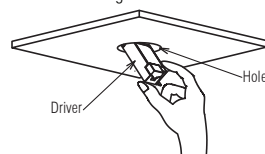
- Wire stripping length :6~8mm
- Make sure the cable is inserted until the bottom.
- The current carrying capacity shall be below 10A



- ⚠ 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

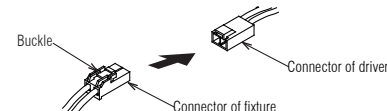
GERD8487WA-T-T

5. Put the driver into the ceiling hole

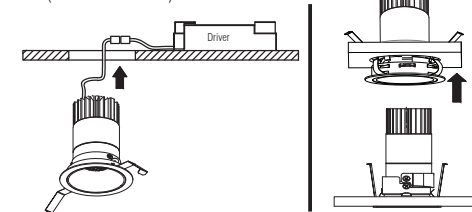


⚠ The driver should not touch fixture to avoid early failure

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



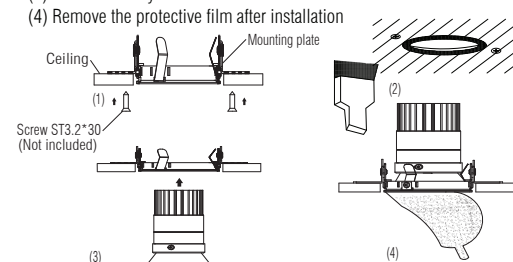
7. Install the fixture into the ceiling hole
(Refer to the front view)



⚠ Insecure installation may cause the fixture to drop down

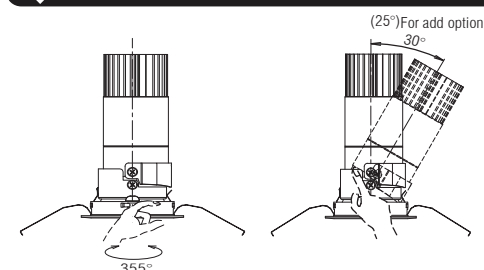
8. Refer to the below regarding Trimless frame

- (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



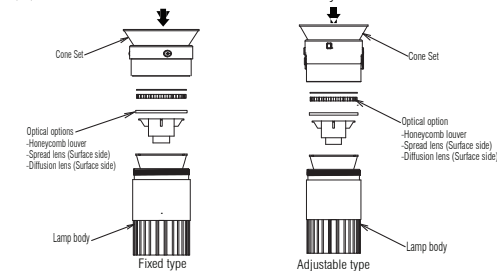
※ When it is necessary to rotate the fixture horizontally, make it stand up straight, then it can be rotated smoothly.

⚠ Watch out for high temperature of body

◆ OPTICAL OPTION

Option Model	Name
GRB-836C	Diffusion lens
GRB-837C	Spread lens
GRB-838B	Honeycomb louver
GRB-839B	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

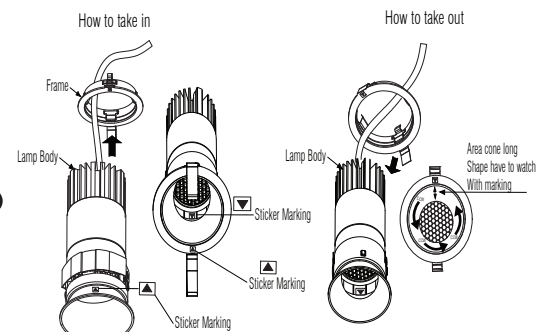
- Must sticker marking on the cone to be match with marking on the frame and product into the frame.

Then the area cone long will match with marking on body.

<For Trimless type>

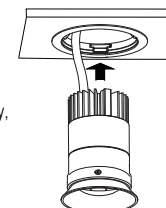
Before pull the product please rotate cone CCW(Counter Clock Wise) and it will stop rotate.

- Body should be stand up and pull the product out of frame.



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 remove 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
500TYPE 700TYPE FIXED	GERD8907WA-T GERD8907BA-T	Narrow Angle	3000K	83	0.1m	500 type DC 34.3V	500 type 250mA	500 type 8.6W
	GERD8908WA-T GERD8908BA-T		3000K	93				
	GERD8912WA-T GERD8912BA-T		2700K	93				
	GERD8922WA-T GERD8922BA-T		3000K	83				
	GERD8923WA-T GERD8923BA-T		3000K	93				
	GERD8927WA-T GERD8927BA-T		2700K	93				
	GERD8909WA-T GERD8909BA-T	Middle Angle	3000K	93				
	GERD8913WA-T GERD8913BA-T		2700K	93				
	GERD8924WA-T GERD8924BA-T		3000K	93				
	GERD8928WA-T GERD8928BA-T		2700K	93				
	GERD8487WA-T GERD8487BA-T		3000K	83				
	GERD8499WA-T GERD8499BA-T		3000K	83				
	GERD8910WA-T GERD8910BA-T	Wide Angle	3000K	93				
	GERD8914WA-T GERD8914BA-T		2700K	93				
	GERD8925WA-T GERD8925BA-T		3000K	93				
	GERD8929WA-T GERD8929BA-T		2700K	93				
	GERD8491WA-T GERD8491BA-T		3000K	83				
	GERD8503WA-T GERD8503BA-T		3000K	83				
	GERD8911WA-T GERD8911BA-T	Super-Wide Angle	3000K	93				
	GERD8915WA-T GERD8915BA-T		2700K	93				
	GERD8926WA-T GERD8926BA-T		3000K	93				
	GERD8930WA-T GERD8930BA-T		2700K	93				
	GERD8495WA-T GERD8495BA-T		3000K	83				
	GERD8507WA-T GERD8507BA-T		3000K	83				

Categories	Model	Light Distribution	LED color	Ra	Adjacent Illumination Limit	Input voltage	Input current	Module power consumption
500TYPE 700TYPE ADJUSTABLE	GERD8916WA-T GERD8916BA-T	Narron Angle	3000K	93	0.1m	500type DC 34.3V	500type 250mA	500type 8.6W
	GERD8920WA-T GERD8920BA-T		2700K	93				
	GERD8931BA-T GERD8934BA-T		3000K	93				
	GERD8511WA-T GERD8511BA-T		2700K	93				
	GERD8523BA-T GERD8917WA-T GERD8917BA-T		3000K	83				
	GERD8919WA-T GERD8919BA-T		3000K	93				
	GERD8932BA-T GERD8935BA-T	Middle Angle	2700K	93				
	GERD8515WA-T GERD8515BA-T		3000K	93				
	GERD8527BA-T GERD8918WA-T GERD8918BA-T		3000K	83				
	GERD8921WA-T GERD8921BA-T		3000K	93				
	GERD8933BA-T GERD8936BA-T		2700K	93				
	GERD8519WA-T GERD8519BA-T GERD8531BA-T	Wide Angle	3000K	83				
	GERD89327WA-T GERD9327BA-T		3000K	93				
	GERD9328BA-T GERD9329WA-T GERD9329BA-T		3000K	83				
	GERD9330BA-T GERD9331WA-T GERD9331BA-T		3000K	93				
	GERD9332BA-T GERD9346WA-T GERD9346BA-T		3000K	83				
	GERD9347WA-T GERD9347BA-T	Super-Wide Angle	3000K	93				
	GERD9329WA-T GERD9329BA-T		3000K	93				
	GERD9330BA-T GERD9331WA-T GERD9331BA-T		3000K	93				
	GERD9332BA-T GERD9347WA-T GERD9347BA-T		3000K	93				
	GERD9348WA-T GERD9348BA-T		2700K	93				
	GERD9347WA-T GERD9347BA-T	Super Narrow	3000K	83				
	GERD9347WA-T GERD9347BA-T		3000K	93				
	GERD9348WA-T GERD9348BA-T		2700K	93				
	GERD9346WA-T GERD9346BA-T		3000K	83				
	GERD9347WA-T GERD9347BA-T		3000K	93				
	GERD9348WA-T GERD9348BA-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.