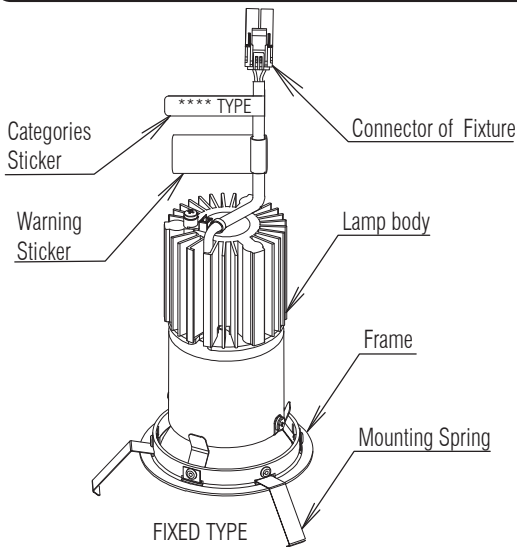


◆ PARTS NAME



◆ COMPATIBLE DRIVER

Categories	Driver Code	Dimming Type	Voltage	Input Current	Power Consumption	Frequency
1000TYPE	GRX466N-T	No dim	220V ~ 240V	49~46mA	10.0W	50Hz/60Hz
	GRX479N-T	0-10V		59~57mA	9.9W	
1400TYPE	GRX467N-T	No dim		65~61mA	13.7W	
	GRX480N-T	0-10V		70~67mA	13.6W	
1800TYPE	GRX468N-T	No dim	240V	94~87mA	19.8W	
	GRX481N-T	0-10V		95~89mA	19.6W	

◆ ABOUT LED LIGHT SOURCE

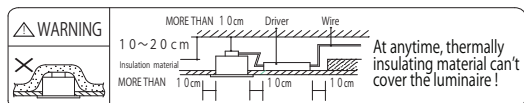
Compared with common incandescent lamp fluorescent lamp, the LED point sources are dispersed, so there may be differences in light emitting. LED module cannot be replaced.

◆ INSTALLING NOTE

- 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.

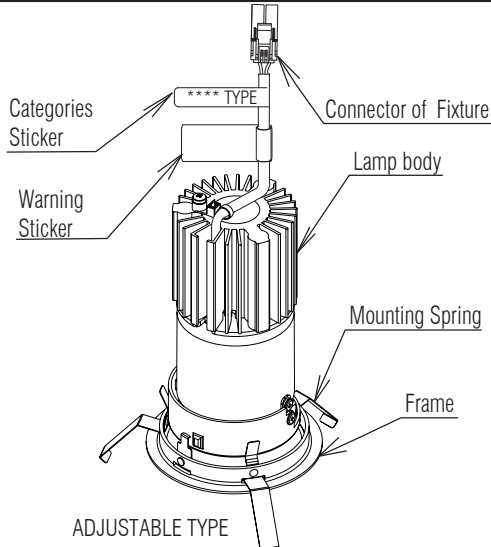
Categories	Minimum Distance
1000/1400/1800TYPE	200mm

- 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.

- Turn off the power switch for safety.

⚠ It may cause electrical shock

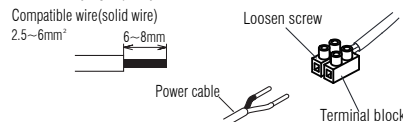
- Make sure to ceiling can support the weight of fixture.
- Open the hole as specified.
(Effective installation thickness 3-12mm)

Frame	Option Frame Code	Hole size
Round (Standard)		∅ 65±1
Trimless (Option)	For Fixed type	GRB812W
	For Adjustable type	GRB813W
Square (Option)	For Fixed type	GRB810W/B/M
	For Adjustable type	GRB811W/B/M

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

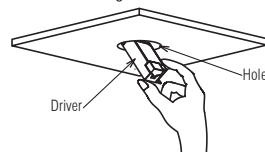
- Insert the power cable into the driver's Terminal block.

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



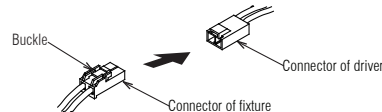
- ⚠ Make sure not to draw out the power cable without pressing release button. Otherwise it may cause the distortion of the contact metal sheet burning off, power leakage, electric shock, and light off.
- ⚠ Incomplete connection or overload may cause fire, electric shock, or apparatus failure.
- ⚠ Always 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

- Put the driver into the ceiling hole

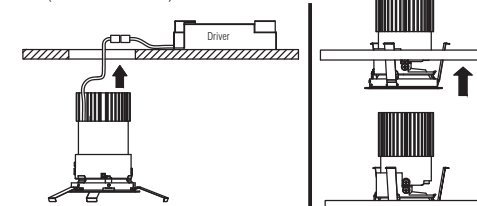


⚠ The driver should not touch fixture to avoid early failure

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



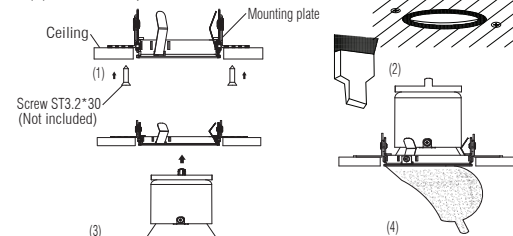
- Install the fixture into the ceiling hole
(Refer to the front view)



⚠ Insecure installation may cause the fixture to drop down

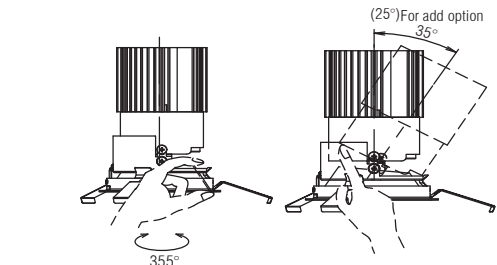
- Refer to the below regarding Trimless frame

- 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
- Apply plaster to fill-in the gap
- Install the body into frame.
- Remove the protective film after installation



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

◆ HOW TO ADJUST



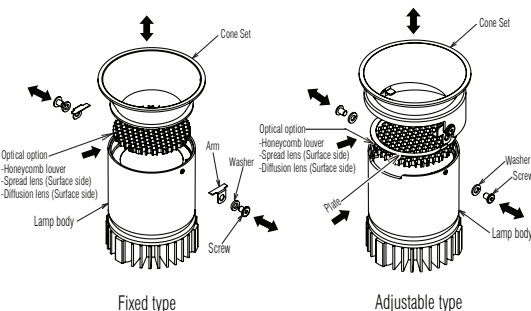
※ When it is necessary to rotate the fixture horizontally, make it stand up straight, then it can be rotated smoothly.

⚠ Watch out for high temperature of body

◆ OPTICAL OPTION

Option Model	Name
SRB008-C	Diffusion lens
SRB009-C	Spread lens
SRB010-B	Honeycomb 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.



⚠ 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.

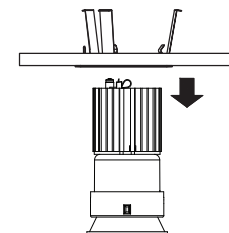
- Make sure to cut off the power breaker and power switch for safety.

⚠ 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

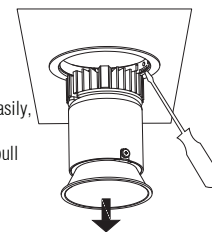
- For Adjustable type

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



- For Fixed type

- Pull the lamp body out of the frame.
- Insert the finger in cone then pull the lamp body down.
- Incase 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
1000TYPE FIXED	GSTDA1001W-FUWH27	Ultra-Wide Angle	2700K	93	0.2m	DC 33.2V	250mA	8.3W
	GSTDA1002W-FUWH27		3000K	93				
	GSTDA1001W-FUWH30		3000K	83				
	GSTDA1002W-FUWH30		3500K	83				
	GSTDA1001W-FUW35		4000K	83				
	GSTDA1002W-FUW35		2700K	93				
	GSTDA1000W-FMH27	Middle Angle	3000K	93				
	GSTDA1002W-FMH27		3000K	83				
	GSTDA1000W-FMH30		3500K	83				
	GSTDA1001W-FMH30		3500K	83				
	GSTDA1000W-FW30		4000K	83				
	GSTDA1002W-FW30		2700K	93				
	GSTDA1000W-FM40	Wide Angle	3000K	93				
	GSTDA1001W-FM40		3000K	83				
	GSTDA1002W-FM40		3500K	83				
	GSTDA1000W-FW30		4000K	83				
	GSTDA1001W-FW30		2700K	93				
	GSTDA1002W-FW30		3000K	93				
	GSTDA1000W-FSWH27	Super-Wide Angle	3000K	83				
	GSTDA1001W-FSWH27		3500K	83				
	GSTDA1002W-FSWH27		4000K	83				
	GSTDA1000W-FSWH30		2700K	93				
	GSTDA1001W-FSWH30		3000K	93				
	GSTDA1002W-FSWH30		3500K	83				
1000TYPE ADJUSTABLE	GSTDA1000W-AMH27	Middle Angle	2700K	93	0.2m	DC 33.2V	250mA	8.3W
	GSTDA1001W-AMH27		3000K	93				
	GSTDA1002W-AMH27		3000K	83				
	GSTDA1000W-AMH30		3500K	83				
	GSTDA1001W-AMH30		4000K	83				
	GSTDA1002W-AMH30		2700K	93				
	GSTDA1000W-AWH27	Wide Angle	3000K	93				
	GSTDA1001W-AWH27		3000K	83				
	GSTDA1002W-AWH27		3500K	83				
	GSTDA1000W-AWH30		4000K	83				
	GSTDA1001W-AWH30		2700K	93				
	GSTDA1002W-AWH30		3000K	93				
	GSTDA1000W-ASW30	Super-Wide Angle	3000K	83				
	GSTDA1001W-ASW30		3500K	83				
	GSTDA1002W-ASW30		4000K	83				
	GSTDA1000W-ASW35		2700K	93				
	GSTDA1001W-ASW35		3000K	93				
	GSTDA1002W-ASW35		3500K	83				

Categories	Model	Light Distribution	LED color	Ra	Adjacent Illumination Limit	Input voltage	Input current	Module power consumption
1400TYPE FIXED	GSTDA1401W-FUWH27	Ultra-Wide Angle	2700K	93	0.2m	DC 33.7V	350mA	11.8W
	GSTDA1402W-FUWH27		3000K	93				
	GSTDA1401W-FUWH30		3000K	83				
	GSTDA1402W-FUWH30		3500K	83				
	GSTDA1401W-FUW35		4000K	83				
	GSTDA1402W-FUW35		2700K	93				
	GSTDA1400W-FMH27	Middle Angle	3000K	93				
	GSTDA1402W-FMH27		3000K	83				
	GSTDA1400W-FM30		3500K	83				
	GSTDA1401W-FM30		3500K	83				
	GSTDA1402W-FM30		4000K	83				
	GSTDA1400W-FM40	Wide Angle	3000K	93				
	GSTDA1401W-FM40		3000K	83				
	GSTDA1402W-FM40		3500K	83				
	GSTDA1400W-FW30		4000K	83				
	GSTDA1401W-FW30		2700K	93				
	GSTDA1402W-FW30		3000K	93				
	GSTDA1400W-FSWH27	Super-Wide Angle	3000K	83				
	GSTDA1401W-FSWH27		3500K	83				
	GSTDA1402W-FSWH27		4000K	83				
	GSTDA1400W-FSWH30		2700K	93				
	GSTDA1401W-FSWH30		3000K	93				
	GSTDA1402W-FSWH30		3500K	83				
1400TYPE ADJUSTABLE	GSTDA1400W-AMH27	Middle Angle	2700K	93	0.2m	DC 33.7V	350mA	11.8W
	GSTDA1401W-AMH27		3000K	93				
	GSTDA1402W-AMH27		3000K	83				
	GSTDA1400W-AMH30		3500K	83				
	GSTDA1401W-AMH30		4000K	83				
	GSTDA1402W-AMH30		2700K	93				
	GSTDA1400W-AWH27	Wide Angle	3000K	93				
	GSTDA1401W-AWH27		3000K	83				
	GSTDA1402W-AWH27		3500K	83				
	GSTDA1400W-AWH30		4000K	83				
	GSTDA1401W-AWH30		2700K	93				
	GSTDA1402W-AWH30		3000K	93				
	GSTDA1400W-ASW30	Super-Wide Angle	3000K	83				
	GSTDA1401W-ASW30		3500K	83				
	GSTDA1402W-ASW30		4000K	83				
	GSTDA1400W-ASW35		2700K	93				
	GSTDA1401W-ASW35		3000K	93				
	GSTDA1402W-ASW35		3500K	83				

Categories	Model	Light Distribution	LED color	Ra	Adjacent Illumination Limit	Input voltage	Input current	Module power consumption
1800TYPE FIXED	GSTDA1801W-FUWH27	Ultra-Wide Angle	2700K	93	0.2m	DC 34.3V	500mA	17.2W
	GSTDA1802W-FUWH27		3000K	93				
	GSTDA1801W-FUWH30		3000K	83				
	GSTDA1802W-FUWH30		3500K	83				
	GSTDA1801W-FUW35		4000K	83				
	GSTDA1802W-FUW35		2700K	93				
	GSTDA1800W-FMH27	Middle Angle	3000K	93				
	GSTDA1802W-FMH27		3000K	83				
	GSTDA1800W-FM30		3500K	83				
	GSTDA1801W-FM30		3500K	83				
	GSTDA1802W-FM30		4000K	83				
	GSTDA1800W-FM40	Wide Angle	3000K	93				
	GSTDA1801W-FM40		3000K	83				
	GSTDA1802W-FM40		3500K	83				
	GSTDA1800W-FW30		4000K	83				
	GSTDA1801W-FW30		2700K	93				
	GSTDA1802W-FW30		3000K	93				
	GSTDA1800W-FSWH27	Super-Wide Angle	3000K	83				
	GSTDA1801W-FSWH27		3500K	83				
	GSTDA1802W-FSWH27		4000K	83				
	GSTDA1800W-FSWH30		2700K	93				
	GSTDA1801W-FSWH30		3000K	93				
	GSTDA1802W-FSWH30		3500K	83				
1800TYPE ADJUSTABLE	GSTDA1800W-AMH27	Middle Angle	2700K	93	0.2m	DC 34.3V	500mA	17.2W
	GSTDA1801W-AMH27		3000K	93				
	GSTDA1802W-AMH27		3000K	83				
	GSTDA1800W-AMH30		3500K	83				
	GSTDA1801W-AMH30		4000K	83				
	GSTDA1802W-AMH30		2700K	93				
	GSTDA1800W-AWH27	Wide Angle	3000K	93				
	GSTDA1801W-AWH27		3000K	83				
	GSTDA1802W-AWH27		3500K	83				
	GSTDA1800W-AWH30		4000K	83				
	GSTDA1801W-AWH30		2700K	93				
	GSTDA1802W-AWH30		3000K	93				
	GSTDA1800W-ASW30	Super-Wide Angle	3000K	83				
	GSTDA1801W-ASW30		3500K	83				
	GSTDA1802W-ASW30		4000K	83				
	GSTDA1800W-ASW35		2700K	93				
	GSTDA1801W-ASW35		3000K	93				
	GSTDA1802W-ASW35		3500K	83				

⚠ 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.