**To install the fixture safely** (Read carefully and follow all the instructions in the guide)

**Warning**: Failure to install the fixture properly could result in personal injury. **Prohibited**

**Caution**: Failure to install the fixture properly could result in property damage. **Strict observance**

### Before installation

**Warning**

- The fixture is for indoor use only in general conditions. This fixture can only be installed on a horizontal ceiling.
- Can not be used following conditions (Causes of falling, electrocution and fire)
  - Inclined, uneven surface
  - Insulated inside of ceiling
  - High humidity
  - Ambient temperature under 0°C and over 35°C
  - Outside
  - On the wall
  - Placed affected by wind or air conditioner machine
  - Vibrated or shocked areas
  - Areas get direct sunlight
  - Dusty area, corrosive gas outbreaks area
- Please contact if you are not able to judge whether installation environment is suitable to the places or not.

**Caution**

- Please follow the fixtures’ indication or specification for the distance of irradiated area.
  (Causes of change in shape, change in color of irradiated objects)

### For electric wiring

**Warning**

- Only qualified person may work on electric wiring and equipment. (Cause of accidents)
- Use alternating current. Please follow rating plate of fixtures for power supply frequency.
  (Causes of electrification - fire) (50Hz - 60 Hz common use for ballasts and incandescent lamp fixtures)
- Be sure power supply voltages within 5% mentioned in rating plate or the guide. (Causes of short life of lamps - electrification - fire)
- Be sure all the wires and codes are not damaged. (Causes of falling - damage)

### At lighting fixture installation

**Warning**

- Please follow the fixtures’ instruction or this guide to install the fixture and lamp. (Causes of falling - electrification - fire)
- Switch off the power when installing the lamp. (Causes of electrification)
- Do not touch the fixture when switch is on or just turn off the switch because of high temperature.
- Do not put or cover the fixture by any cloths, papers, or insulators. (Causes of not lighting - fire)
- Do not place any metallic or flammable objects. (Cause of electrification - fire - broken fixture)
- Make sure to install all the parts of fixtures besides installation and mounting parts will not touch with any objects both inside and outside of ceiling such as lighting track, etc. (Causes of falling - electrification - fire)
- Do not dismount or remodel fixtures. (Cause of electrification - fire - falling - broken fixtures)
- Do not operate with wet hands.
- If you smell smoke, see smoke, or find anything unusual, please turn the switch off and ask construction companies to repair. (Cause of electrification - fire)

**Caution**

- Make sure the construction will not affect any fire prevention systems such as sprinkler by heat from the fixture. (Causes for improper operation)
**Installation Guide | Lighting Fixture**

**JAUKARI DOWNLIGHT**

**SX-B015SD/CE/RB**

<table>
<thead>
<tr>
<th>Installation Details</th>
<th>Installation Diagram</th>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ceiling cut out</td>
<td><img src="image1" alt="Ceiling cut out" /></td>
<td>Cut out the ceiling. Make sure to have the height at least 150mm above the ceiling to install the driver.</td>
</tr>
<tr>
<td></td>
<td><img src="image2" alt="Ceiling board" /></td>
<td>CAUTION ! Do not reverse polarity !</td>
</tr>
</tbody>
</table>

**Wiring connection**

1. Wiring diagram

```
DC480mA (500mA MAX) 9.6V + RED  / BLACK

Driver
```

**Caution**

- Be careful for fixture not to get a shock of an attachment spring. Causes of broken fixture.
- The protection seal is stuck on the luminescence side. Please remove a seal after attachment.

**Installation Details**

1. Installation to ceiling

2. Hang an attachment spring.

3. Hang the other side spring, and into the ceiling hole.

4. Attach to a ceiling side slowly.

**Diagram**

- Cut out ceiling hole. (φ60)

**Driver**

- Metal part in a cable point, please don't touch with bare hand directly.

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