ACUSTICO
LIGHTING

Made in Australia

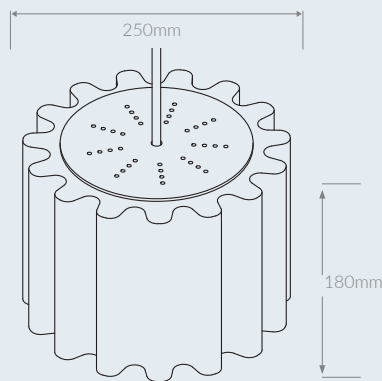Global GreenTag, Level A verified materials

DATASHEET & SPECIFYING INFORMATION
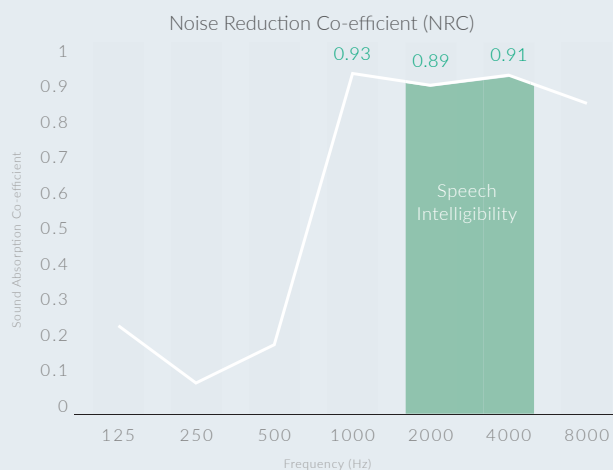## 250MM OPERA PENDANT

DIMENSIONS

Small Pendant

250mm

180mm

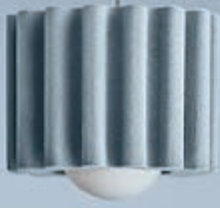|	
Input voltage:	240v
Luminous Flux:	800 lm
Recommended light source: 8W G125 E27 Opal Matte bulb	
MUST USE LED E27 BULB - MAX.12W	

Colour rendering index:	90Ra
Suspension weight:	< 1 kg
Driver rating:	IP20
Colour temperature:	3000k

Noise Reduction Co-efficient (NRC)

0.93 0.89 0.91

Speech Intelligibility

Sound Absorption Co-efficient

Frequency (Hz): 125, 250, 500, 1000, 2000, 4000, 8000

Results: Reverberation Times, Acoustic Performance and Absorption Co-efficient

Frequency (Hz)	23/10/2019 Measured Reverberation Time (seconds)	06/11/2019 Measured Reverberation Time (seconds)	Difference in acoustic performance (m² Sabin)	Calculated absorption coefficient: of tested light fittings
125	0.93	0.78	1.4	0.24
250	0.78	0.74	0.4	0.07
500	0.55	0.49	1.0	0.17
1k	0.60	0.40	5.4	0.93
2k	0.57	0.40	5.2	0.89
4k	0.60	0.47	5.3	0.91
8k	0.47	0.34	4.9	0.85

For additional information on acoustic testing please visit the Sound Lab on our website or request full testing reports.

END-OF-LIFE MANAGEMENT PROGRAM

We ask that products are returned to Acustico Lighting.
We have agreements in place with our suppliers who
commit to upcycling approximately 80% of the materials.

CANOPY DETAILS

C1 comes as standard.
Colour: Champagne

C1

SPECIFYING INFORMATION

Projects are complex.

In order to preserve the correct details being passed from one contractor to the next over the course of your project, please use the following
information in your schedule to specify our lights.

QUANTITY	PROFILE	DIAMETER	LIGHT SOURCE	COLOUR
Eg. 3	*OP*	*250*	*BLB*	*SB*

SPECIFYING OPTIONS KEY

PROFILE

OP   Opera

DIAMETER (MM)

250   Small

LIGHT SOURCE

BLB   Bulb E27 240v

AC   Acoustic only (No light source)

LIGHT TEMPERATURE (KELVIN)

3000   Warm

COLOURS

OG   Olive Green

VP   Vibrant Purple

RG   Rouge

MD   Mustard

VG   Vibrant Green

LH   Light Grey

BO   Burnt Orange

SB   Steel Blue

CANOPY COLOUR

CH   Champagne

SUSPENSION

Our lights have optimum sound absorbency of voice noise when they are hung at 2000mm or lower from FFL. Please consider this when specifying the
hanging height. Our standard rod length is 1500mm and can be altered to the appropriate length on-site.
Must be installed by a licensed electrian in accordance with AS/NZS 3000.
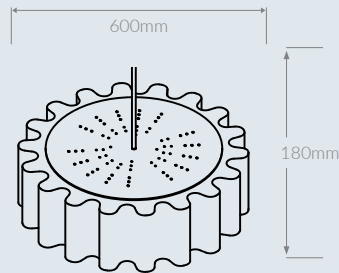
ACUSTICO
LIGHTING

- Absorbs up to 30% of noise
- Made in Australia
- Gloable Green Tag, Level A
  verified materials
- Low voltage LED - 50,000
  hours

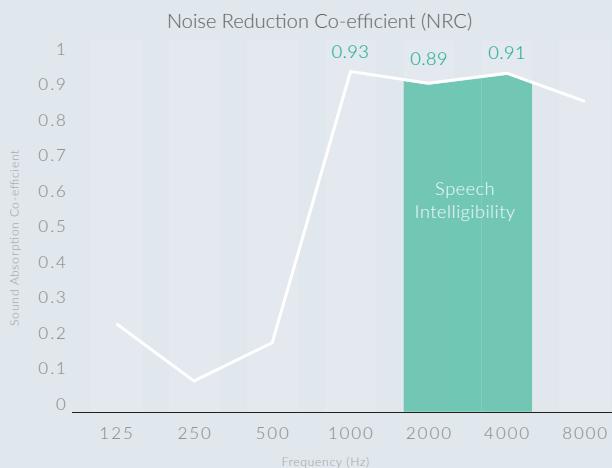## DATASHEET & SPECIFYING INFORMATION
600MM OPERA BULB PENDANT

DIMENSIONS

Medium Pendant

600mm

180mm

Voltage:	24v dc
Input voltage:	240v
Luminous Flux:	Large – 4680 lm
	Medium – 2780 lm
Dimming:	Dali/Non Dali
MUST USE LED E27 BULB - MAX 12W	

Colour rendering index:	> 80
Suspension weight:	> 5 kg
Driver rating:	IP20
Colour temperature:	3000k or 4000k

Noise Reduction Co-efficient (NRC)

0.93   0.89   0.91

Speech Intelligibility

Sound Absorption Co-efficient

Frequency (Hz)

Results: Reverberation Times, Acoustic Performance and Absorption Co-efficient

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END-OF-LIFE MANAGEMENT PROGRAM

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CANOPY DETAILS

C1 comes as standard. Rod is a modular system of total length 1m, comprised of 200mm, 300mm & 500mm screwable lengths.

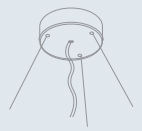If suspension length is longer than 1000mm please specify C2 with suspension wires and flex.

Colour: Champagne

C1   C2

SPECIFYING INFORMATION

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QUANTITY	SPECIFIER	PROFILE	DIAMETER	SHAPE	LIGHT SOURCE	LIGHT TEMP (K)	DALI DRIVER	CANOPY DETAILS	COLOUR
Eg. 3	S	OP	950	R	LED	3000	N	C1	SB

SPECIFYING OPTIONS KEY

PROFILE

OP   Opera

DIAMETER (MM)

950   Large

600   Medium

SHAPE

R   Round

W   Wall

C   Custom

L   Linear

LIGHT SOURCE

LED   LED

BLB   Bulb E27 240v

AC   Acoustic only (No light source)

LIGHT TEMPERATURE (KELVIN)

3000   Warm

4000   Office/Education

DALI DRIVER

Y   Yes

N   No

COLOURS

OG   Olive Green

VP   Vibrant Purple

RG   Rouge

MD   Mustard

VG   Vibrant Green

LH   Light Grey

BO   Burnt Orange

SB   Steel Blue

CANOPY COLOUR

CH   Champagne

SUSPENSION

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If you require longer length, please specify C2 with a standard 2000mm flex and suspension cables or longer.
Must be installed by a licensed electrian in accordance with AS/NZS 3000.

acusticolighting.com.au   03 9005 6008

ACUSTICO
LIGHTING

Absorbs up to 30% of noise

Made in Australia

GECA Certified Materials

Low voltage LED - 50,000 hours

DATASHEET & SPECIFYING INFORMATION
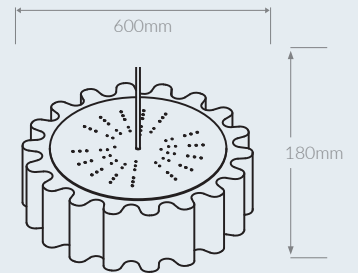## 950MM + 600MM OPERA LED PENDANTS
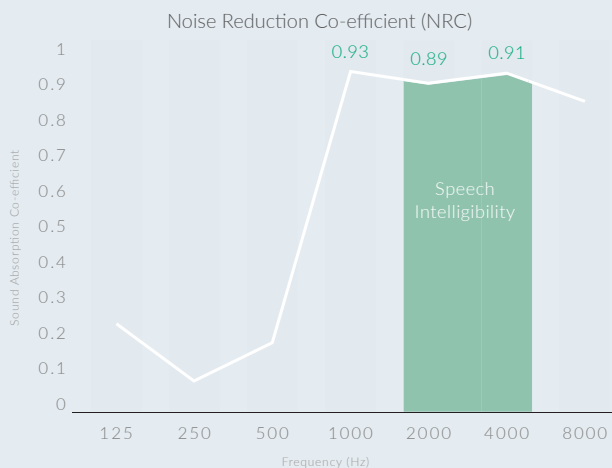
DIMENSIONS

Large Pendants
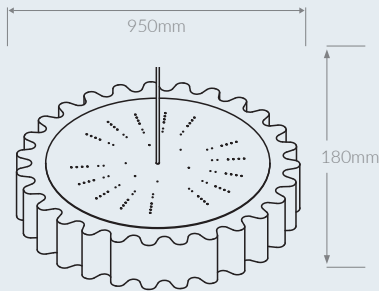
950mm

180mm

Medium Pendants

600mm

180mm

Voltage:	24v dc
Input voltage:	240v
Luminous Flux:	Large – 4680 lm
	Medium – 2780 lm
Dimming:	Dali/Non Dali

Colour rendering index:	> 80
Suspension weight:	> 5 kg
Driver rating:	IP20
Colour temperature:	3000k or 4000k

Noise Reduction Co-efficient (NRC)

0.93   0.89   0.91

Speech Intelligibility

Sound Absorption Co-efficient

Frequency (Hz)

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If suspension length is longer than 1000mm please specify C2 with suspension wires and flex.

Colour: Champagne

C1   C2

QUANTITY	SPECIFIER	PROFILE	DIAMETER	SHAPE	LIGHT SOURCE	LIGHT TEMP (K)	DALI DRIVER	CANOPY DETAILS	COLOUR
Eg. 3	S	OP	950	R	LED	3000	N	C1	SB

SPECIFYING OPTIONS KEY

PROFILE

OP   Opera

DIAMETER (MM)

950   Large

600   Medium

SHAPE

R   Round

W   Wall

C   Custom

L   Linear

LIGHT SOURCE

LED   LED

BLB   Bulb E27 240v

AC   Acoustic only (No light source)

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3000   Warm

4000   Office/Education

DALI DRIVER

Y   Yes

N   No

COLOURS

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CANOPY COLOUR

CH   Champagne

SUSPENSION

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If you require longer length, please specify C2 with a standard 2000mm flex and suspension cables or longer.
Must be installed by a licensed electrian in accordance with AS/NZS 3000.

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INSTALLATION INSTRUCTIONS
Opera Pendant: Small

INSTALLATION INSTRUCTIONS
Opera Pendant: Small

PARTS:
Canopy (incl. ceiling bracket)
1500mm cord (Replacement cord is available from manufacturer should it be required)
Light fitting
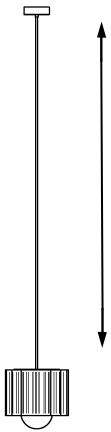125mm G125 Opal Matte Globe 8W (Max.12W).

PRE-ASSEMBLY
Ensure there is adequate support in the ceiling to hold minimum 1 kilogram of weight.
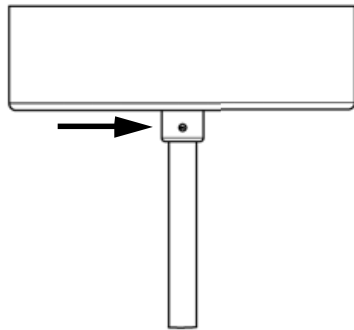Must be installed by a licensed electrian in accordance with AS/NZS 3000.
Must use LED E27 Bulb (Max.12W).

1.
ADJUSTING LENGTH

Ascertain correct length required from ceiling to light fitting and adjust cord accordingly.

Tighten cord grip screw on the canopy.
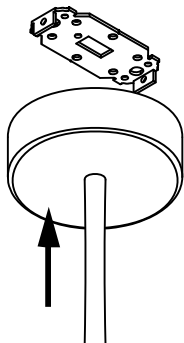
Unscrew bracket from canopy.

2.
CEILING INSTALLATION
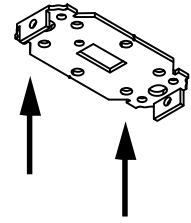
Screw bracket into ceiling.

Connect blue and brown wires from lighting unit into mains power.

Screw canopy of light fitting over bracket, using the two screws provided.

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LIGHTING
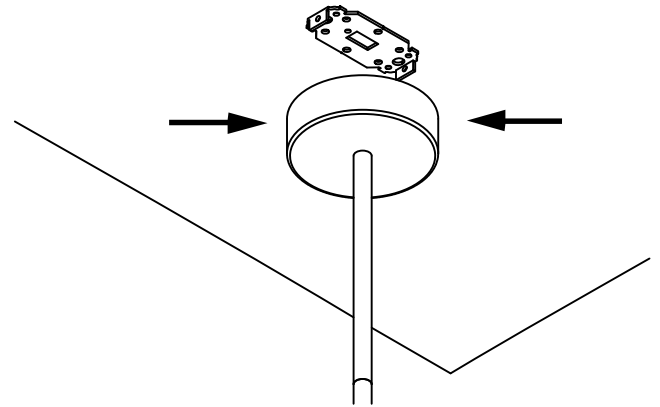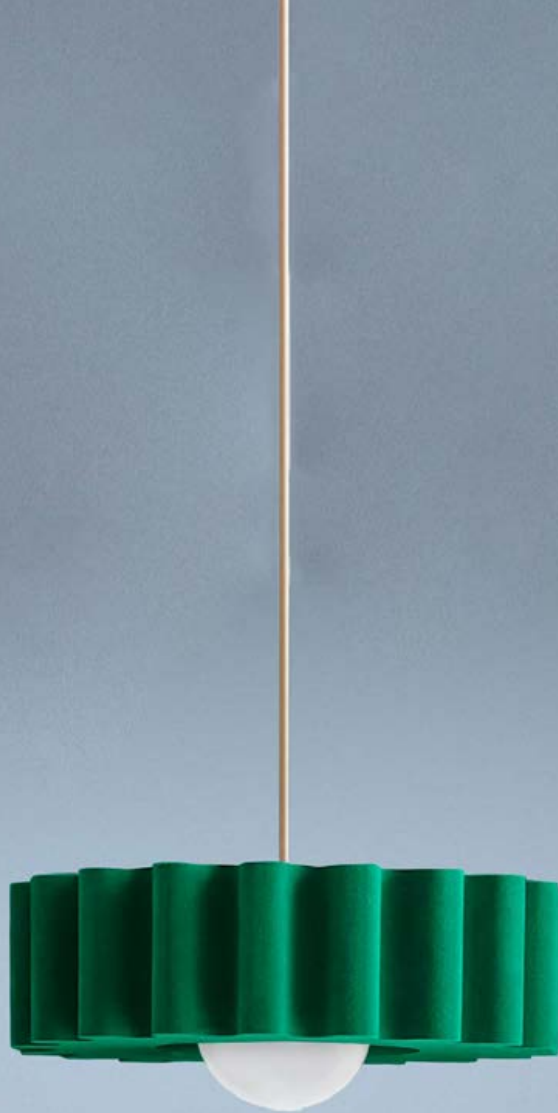
INSTALLATION INSTRUCTIONS
Opera Pendant: Medium Globe Model

INSTALLATION INSTRUCTIONS
Opera Pendant: Medium Globe Model

PARTS:
Canopy (incl. ceiling bracket)
Rods x 3 (500mm, 300mm, and 200mm)
Light fitting
200mm or 250mm glass sphere

Not included: E27 Globe - Recommended max. wattage 12W (LED).
Please note: There are no serviceable parts. Please return to manufacturer for any required repairs.

PRE-ASSEMBLY
Ensure there is adequate support in the ceiling to hold minimum 8 kilograms of weight.

INSTALLATION
Must be installed by a licensed electrician in accordance with AS/NZS 3000.

MUST USE LED E27 BULB - MAX 12W

PLEASE NOTE:
There are no serviceable parts. Please return to manufacturer for any required repairs.

1.
ASSEMBLY OF SUSPENSION ROD

Ascertain correct length required from ceiling to light fitting. Discard unwanted rod lengths.

Thread cord through each rod, one at a time.

Screw the rod into the nipple screw connector, thread cord through and repeat until desired length is reached.
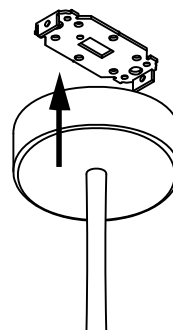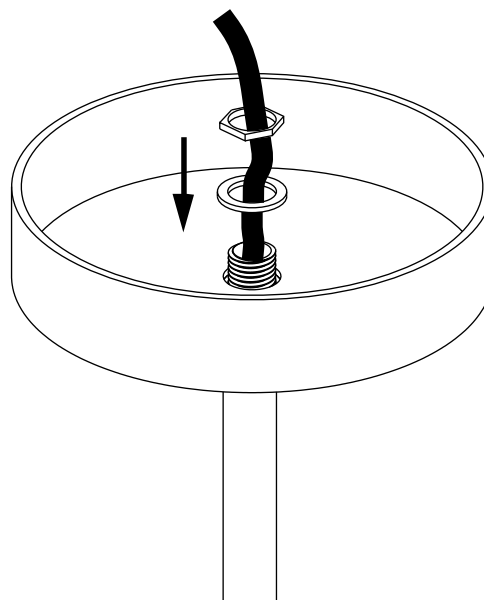
Unscrew bracket from canopy.

Screw rod into canopy using nut and washer.

2.
CEILING INSTALLATION
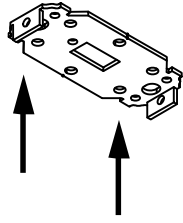
Screw bracket into ceiling.

Connect blue and brown wires from lighting unit into mains power.
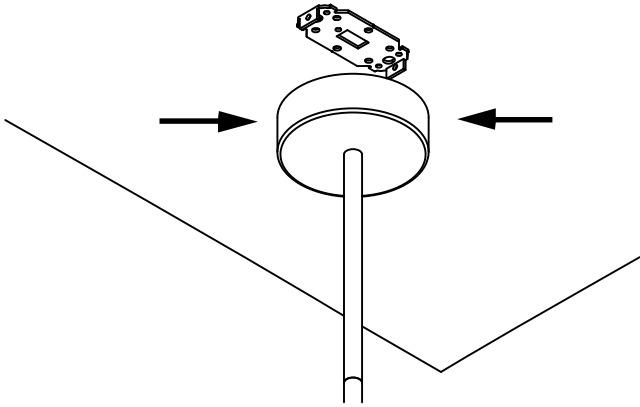
Screw canopy of light fitting over bracket, using the two screws provided.

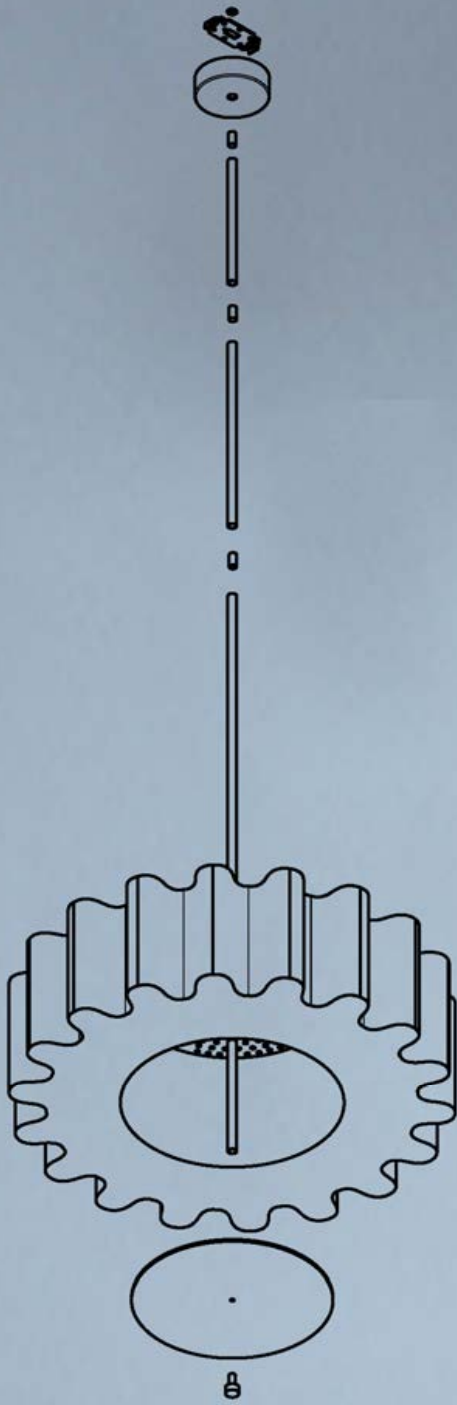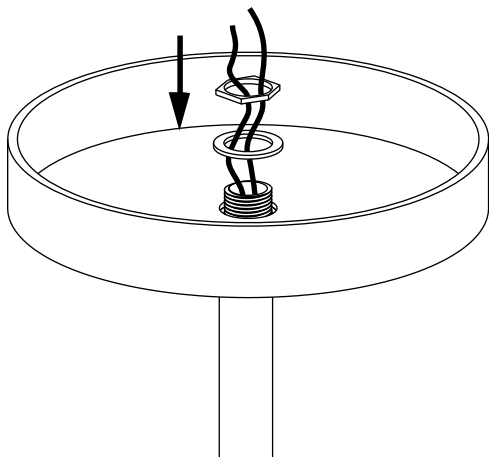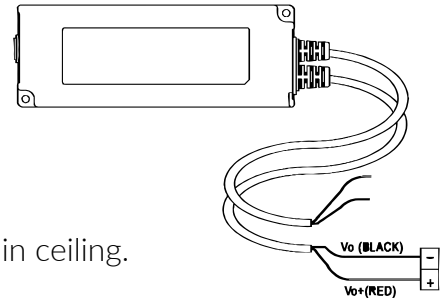# 3.
ASSEMBLY OF GLOBE & GLASS SPHERE
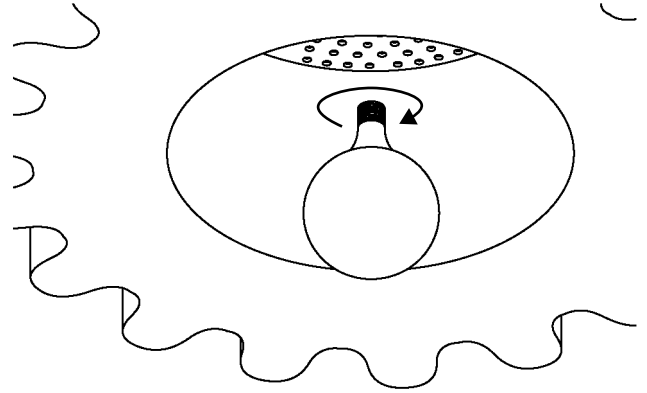
Screw bulb into light fitting.
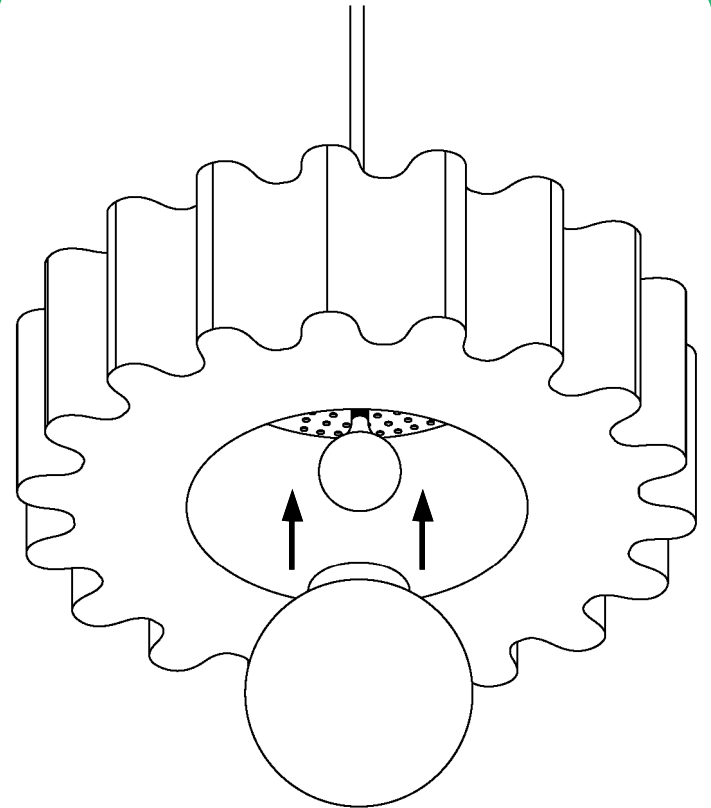
In one hand, pull 2 springs downward to create tension, place the glass sphere over the springs and release slowly.

Ensure both springs fit inside the sphere opening before letting go.

INSTALLATION INSTRUCTIONS
Opera Pendant: Medium & Large LED models

INSTALLATION INSTRUCTIONS
Opera Pendant: Medium & Large LED models

MUST be installed by a licensed electrician in accordance with AS/NZS 3000. PLEASE NOTE: There are no serviceable parts. Please return to manufacturer for any required repairs.

PRE-INSTALLATION
Ensure there is adequate support in the ceiling to hold minimum 8 kilograms of weight. Ensure wires are well-connected to LED board (and have not been dislodged in transport).

1. ASSEMBLY OF SUSPENSION ROD

Ascertain correct length required from ceiling to light fitting. Discard unwanted rod lengths.

Thread wires through each rod, one at a time.

Screw the rod into the nipple screw connector, thread wire through and repeat until desired length is reached.

Unscrew bracket from canopy.

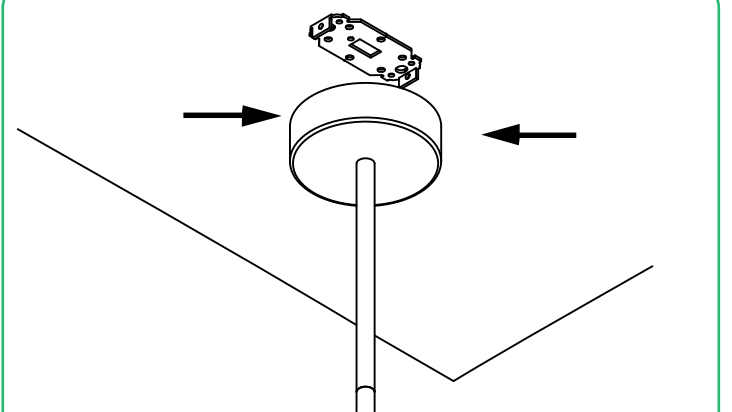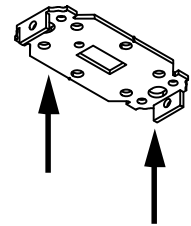Screw rod into canopy using nut and washer.

2. CEILING INSTALLATION
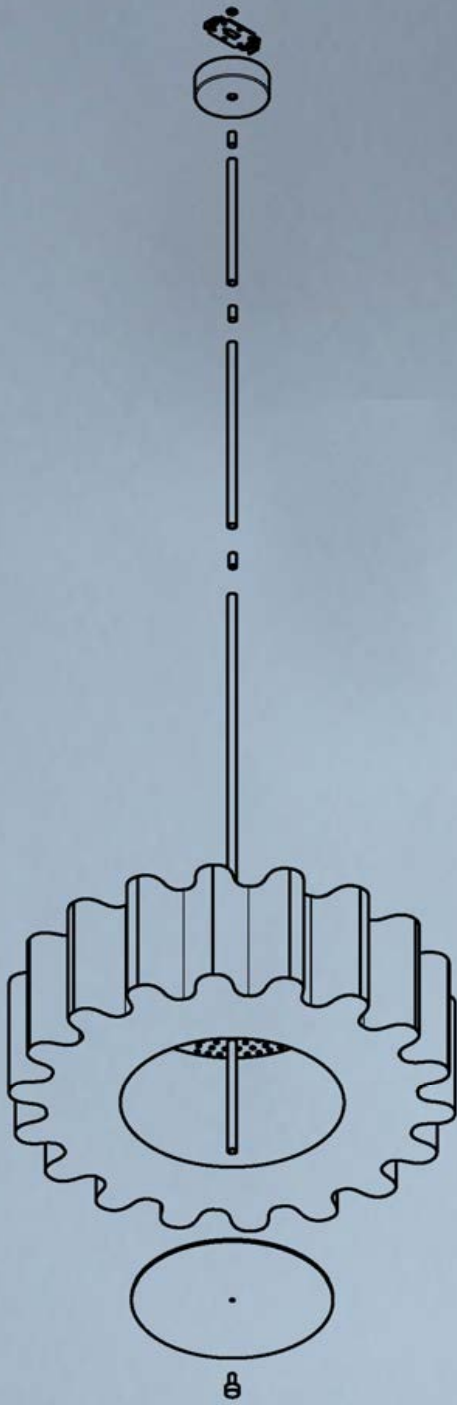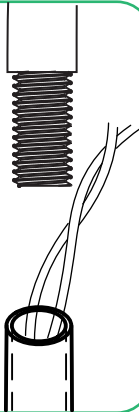
Place driver in ceiling.

Vo (BLACK)
Vo+(RED)

Screw bracket into ceiling.

Connect blue and brown wires from lighting unit into driver.

Screw canopy of light fitting over bracket, using the two screws provided.

ACUSTICO
LIGHTING

INSTALLATION INSTRUCTIONS
Opera Pendant: Medium & Large LED models

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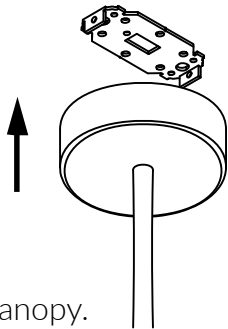
1. ASSEMBLY OF SUSPENSION ROD

Ascertain correct length required from ceiling to light fitting. Discard unwanted rod lengths.

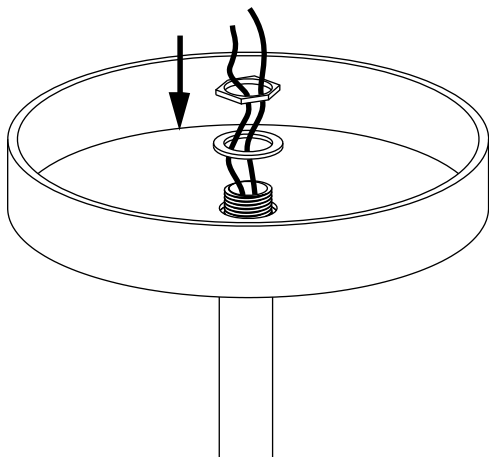Thread wires through each rod, one at a time.

Screw the rod into the nipple screw connector, thread wire through and repeat until desired length is reached.
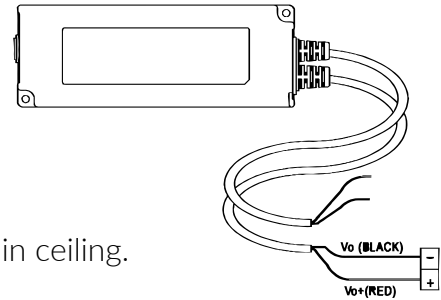
Unscrew bracket from canopy.

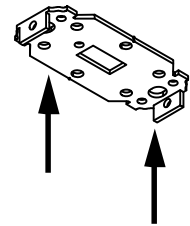Screw rod into canopy using nut and washer.

2. CEILING INSTALLATION

Place driver in ceiling.

Vo (BLACK) —
Vo+(RED) +

Screw bracket into ceiling.

Connect blue and brown wires from lighting unit into driver.

Screw canopy of light fitting over bracket, using the two screws provided.