Installation Instructions: Deco (06740-06795)

Read these instructions before installation and retain for future reference

- **We recommend that luminaires are installed by a qualified electrician ensuring the installation complies with current IEE wiring regulations BS7671:2018 & local building control.**
- All test should be carried out in accordance to EN 50172:2004.
- Bell will not accept responsibility for any claims arising from a poor installation.
- The light source of this luminaire is not replaceable: when the light source reaches end of life, the whole luminaire must be replaced.
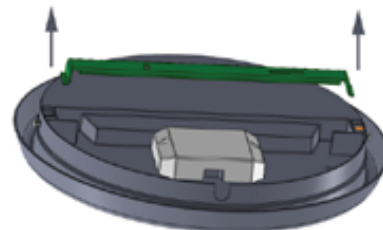
Important user advice

- The ambient room temperature should not exceed +35°C.
- Ensure that there is adequate free air ventilation around the fitting.
- It may be necessary to uprate your MCBs to allow for increased inrush current.
- Always switch off mains supply before installing.
- You are advised to test 5 samples before mass application of sensor in a new lighting project. The distance between any inductive sensors should be greater than 3m.
- Microwave maximum operating height 3.2m
- Operating Temperature -30°C to +35°C, emergency versions 0°C to +35°C.
- Internal use only.

Read these instructions before installation and retain for future reference

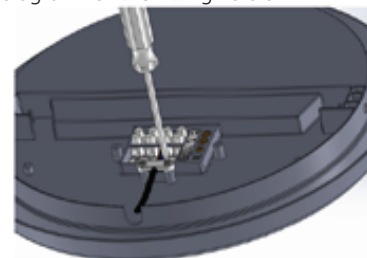**This equipment should be installed by a competent electrician** ⚠️

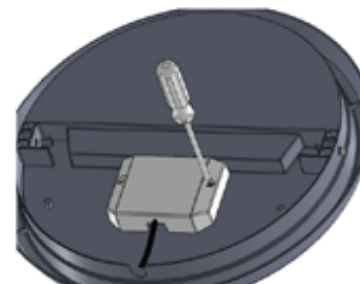**1** Remove bracket

2 Fix the bracket to the ceiling using the 2 expansion bolts.

3 Connect the cable using the wiring diagram for the fitting version.

4 Replace the terminal cover.on.

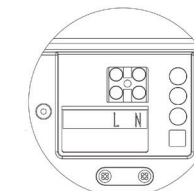**5** Secure the fitting to the bracket and switch on.

This product may contain substances that can be hazardous to the environment if not disposed of properly. Electrical and electronic equipment should never be disposed of with general household waste but must be separated for its correct treatment and recovery.
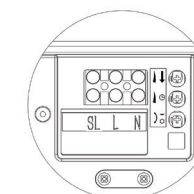
Where possible recycle your packaging.

CE UKCA ⊠

Wiring Diagrams

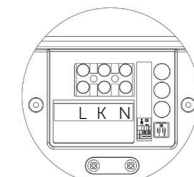### Standard

L Live
N Neutral

Microwave version

L Live
N Neutral
SL Slave Connection

Distance / range: 2 - 8m
Time duration: 10 sec - 30 min
Photocell light sensor: 2 - 2000 lux

Emergency version

L Live
N Neutral
K Permanent Live

Turn on both switches to Emergency mode

Emergency c/w microwave sensor

L Live
N Neutral
K Permanent Live
SL Slave Connection

Distance / range: 2 - 8m
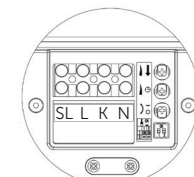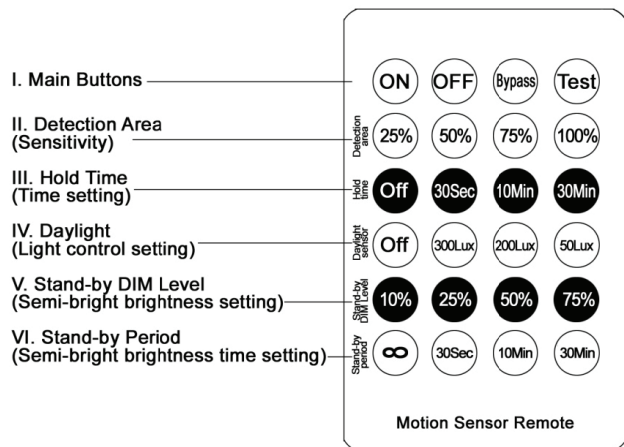Time duration: 10 sec - 30 min
Photocell light sensor: 2 - 2000 lux
Turn on both switches to Emergency mode

BELLlighting

Installation Instructions: Deco (06740-06795)

Motion Sensor Remote

Remote control for Corridor Dim versions only

- I. Main Buttons
- II. Detection Area (Sensitivity)
- III. Hold Time (Time setting)
- IV. Daylight (Light control setting)
- V. Stand-by DIM Level (Semi-bright brightness setting)
- VI. Stand-by Period (Semi-bright brightness time setting)

I. Main Buttons

On: Turn on the luminaire at max brightness
Off: Turn off the luminaire
Bypass : Activate or deacctivate sensor function
-- Press 'Bypass' the luminaire flashes 1 time, the sensor is activated.
-- Press 'Bypass' the luminaire flashes 3 times, the sensor is deactivated.
Test: Press it luminaire flashes 3 times to indicate in test mode. If self-test passed, luminaire flashes 3 more times.

II. Detection Area (Sensitivity)

When adjusting the sensitivity of the sensor refer to the above 4 buttons on the controller, a maximum distance of 8 meters can be detected when luminaire is mounted at a max height of 4m. (For ideal control function, mounted at a height of 3m is suggested.)

III. Hold Time (Time setting)

Off: Press 'Off' the luminaire jumps to stand-by brightness without holding any time.
Time can be set as 30s, 10min or 30min. Any movement detected before the elapsed time restarts the timer

IV. Daylight (Light control setting)

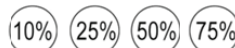The chosen light response threshold can be chosen from:
Off: Press this, the luminaire operat
300 Lux: The lumanaire turns on when environment lux is 300 lux or less
200 Lux: The lumanaire turns on when environment lux is 200 lux or less
50 Lux: The lumanaire trigger on when environment lux is 50 lux or less

V. Stand-by DIM Level

The setting is to adjust brightness level of the luminaire after hold tim

VI. Stand-by Period

This setting is to adjust the length of time the lumanaire remains in the dimmed mode before completely switching off.

When set to ∞ the luminaire will permanently remain in dimmed mode until the sensor is triggered.

Stand by time can be set to 30s. 10 mins or 30 mins. Any movement detected before this time elapses will trigger the sensor.

BELLlighting

Installation Instructions: Deco (06740-06795)

Testing & Commissioning for Emergency Luminaire

- Ensure the Load is connected.
- Connect the battery.
- Switch on the Unswitched Supply
  - Check the Charge LED illuminates.
- Switch on the Maintained Supply
  - Check the LED illuminates as normal.
- Switch off the Maintained Supply.
- Switch off the Unswitched Supply
  - Check the Charge LED extinguishes and the load LED illuminates at a reduced output.
- Enter the commissioning date on the Battery Pack. Switch on the Unswitched Supply

Luminaire Ref/Location _____	In Case of difficulty, contact the Installation Engineers:- _____ Tel: _____								
Full Recharge Time 24 Hours			**Duration 3 Hours**			**Lamp Type - LED**			
ROUTINE TEST RECORD									
	Year 1		Year 2		Year 3		Year 4		Year 5
Monthly Test	Signed	Date	Signed	Date	Signed	Date	Signed	Date	Signed	Date
Functional										
Functional										
Functional										
Functional										
Functional										
Functional										
Functional										
Functional										
Functional										
Functional										
Functional										
Three Hour										