

Installation Instructions: Deco Grande (06810/11/12/13)

Important Information

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 tests 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.

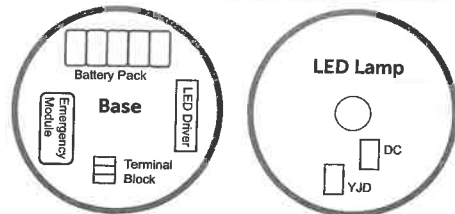
Safety

- Before installation/maintenance, ensure that the supply to the luminaire is switched off and the circuit breakers or fuses are removed or switched off
- This product is IP20 rated and not suitable for external applications
- This product is class II rated
- Check that the total load on the circuit, including when this luminaire is fitted, does not exceed the rating of the circuit cable, fuse or circuit breaker
- This product is non-dimmable / 230V 50Hz

Important

The LED driver lead **must** be connected to the socket marked DC

The emergency module lead **must** be connected to the socket marked YJD



Read these instructions before installation and retain for future reference

This equipment should be installed by a competent electrician

Installation:

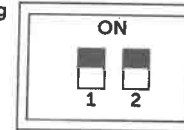
- Pull away the diffuser from the base of luminaire
- Loosen but do not remove the 4 x lamp retaining screws
- Adjust the position of the lamp to align the hole in the keyhole slots with the retaining screws, and remove the lamp from the base
- Unplug the driver and emergency module leads from the lamp
- Select a suitable cable entry point already provided or by drilling into the base
- Prepare the ceiling/mounting points and mains supply cable, ensuring the fixing surface/mechanism is sufficient to support the luminaire weight.

Non maintained operation

(In this mode the luminaire can be lit and controlled by a switched live enabling the luminaire to be switched on and off. In the event of power failure the luminaire will revert to emergency mode).

Connections:

- Live from the light switch to SWITCHED LIVE (K)
- NEUTRAL to N
- Permanent 230v mains to PERMANENT LIVE (L)
- Connect the battery plug into the emergency module observing correct polarity
- Reconnect the LED driver lead to the socket marked DC on the lamp
- Reconnect the emergency module lead to the socket marked YJD on the lamp
- Replace the lamp by aligning the holes in the keyhole slots with the retaining screws on the base, tests as this may cause damage to the electronics adjust the lamp so the retaining screws now are aligned with the slots of the keyhole slots, and retightened the retaining screws
- Set the colour temperature on LED plate
- Re-fit the diffuser by placing over the base and push it into the right position
- Reconnect the power supply and check for correct operation
- Luminaires fitted with an electronic ballast or LED driver are exempt from insulation resistance tests as this may cause damage to the electronics



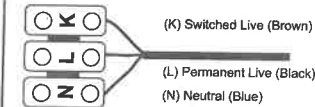
ON		1	2	
I	ON	-		3000K
II	ON	ON		4000K
III	-		ON	5700K

Maintained operation:

(In this mode the luminaire is continuously on. In the event of power failure the luminaire will revert to emergency mode).

Connections:

- NEUTRAL to (N)
- Permanent 230V mains to PERMANENT LIVE (L)
- SWITCHED LIVE (K) -link to PERMANENT LIVE



Maintenance:

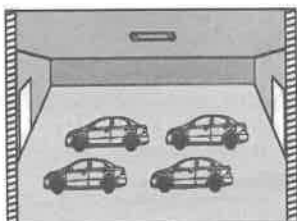
This emergency luminaire can be operated in maintained or non-maintained mode, but when operated in emergency (battery back-up) mode, the lamp will illuminate at reduced light output.

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.

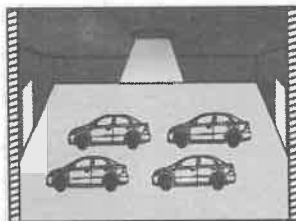


Microwave Function

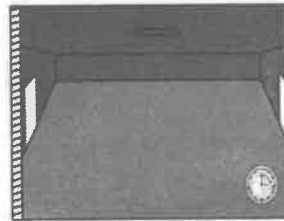
1) On/OFF Function (stand-by period be set to "0"s)



1 With sufficient ambient light, the light will not be switched on even if with motion signal.

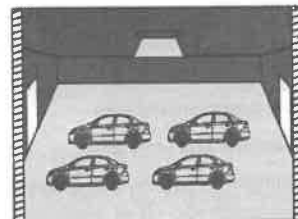


2 With insufficient ambient light, the sensor switches on the light when motion is detected.

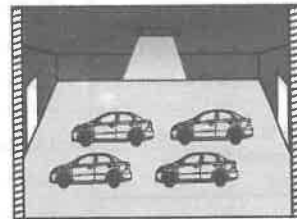


3 After elapse of hold time, the sensor switches off the light when no motion is detected

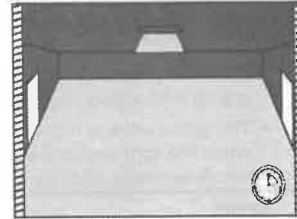
2) 2-step dimming function (stand-by period be set to "+∞")



4 If there is no motion detected, the light will be remained at a low light level all the time.

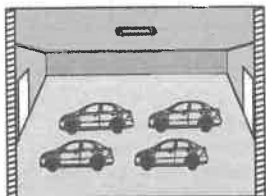


5 When motion is detected, the sensor will switch on the light to 100% brightness

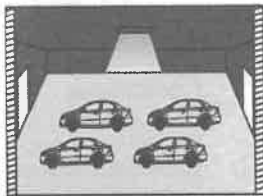


6 After elapse of hold time, the sensor dims the light at the present low light level if no motion is detected.

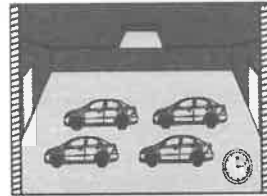
3) 3-step dimming function (stand-by period be set to "10S/1min/3min/5min/10min/30min")



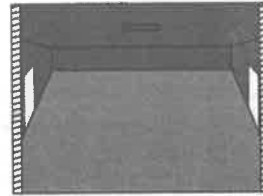
1 With sufficient ambient light, the light will not be switched on even if with motion signal.



2 With Insufficient ambient light, the sensor switches on the light when motion is detected.



3 After elapse of hold time, the sensor dims the light at a low light level if no new motion is detected.



4 After elapse of standby period, the sensor switches off the light if no motion is detected in the detection zone.



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Microwave Function DIP Switch Setting

Detection Area

	1	2	
I	ON	ON	100%
II	-	ON	75%
III	ON	-	50%
IV	-	-	25%

Hold Time

	3	4	
I	ON	ON	5S
II	-	ON	90S
III	ON	-	3min
IV	-	-	10min

Daylight Sensor

	5	6	
I	ON	ON	+∞
II	-	ON	50Lux
III	ON	-	15Lux
IV	-	-	5Lux

Standby Period

	7	8	
I	ON	ON	0s
II	-	ON	30s
III	ON	-	10min
IV	-	-	+∞

Factory Settings

Detection Area: 100%, Hold Time:5S ,Stand-by period:0S , Stand-by dim level:25%, Daylight sensor: Disable.

Application Notice

The sensor should be installed by a professional electrician. Please turn off the power before installing, wiring changing the setting of the DIP switch.

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