

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.

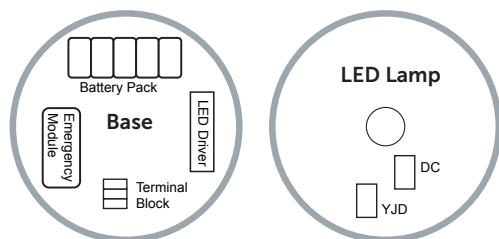
Safety

- 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:

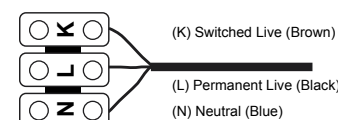
- Pull away the diffuser from the base of luminaire
- Loosen but do not remove the 4 x lamp retaining screws
- Adjust the position of the lamp to align the hole in the keyhole slots with the retaining screws, and remove the lamp from the base
- Unplug the driver and emergency module leads from the lamp
- 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.

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

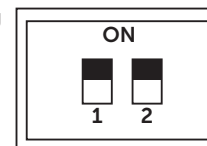





Non maintained operation

(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

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.



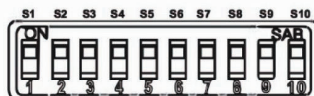
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1 Reach setting (sensitivity)

Reach is the term used to describe the radius of the circular detection zone produced on the ground after mounting the sensor light at a height of 2.5m

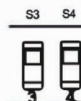


S1	S2	distance	S1	S2	distance
-	-	25%	0N	-	75%
-	0N	50%	0N	0N	100%

NOTE: The above detection distance is measured using a person who is between 1.6m~1.7m tall with an average build, moving at a speed of 1.0~1.5m/sec. if any of these variables are changed, the detection distance will also resultantly change.

2 Time setting

Time can be set 10s to 12min. Any movement detected before this time elapse will re-start the timer. It is recommended to select the shortest time for adjusting the detection zone and for performing the walk test.

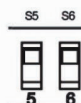


S3	S4	time	S3	S4	time
-	-	10s	0N	-	6min
-	0N	1min	0N	0N	12min

NOTE: after the light switches OFF, it takes approx. 1sec before it is able to start detecting movement again. The light will only switch on in response to movement once this period has elapsed.

3 Light-control setting

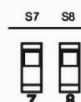
The chosen light response threshold can be infinitely from approx. 10lux-50lux.



S5	S6	Light	S5	S6	Light
-	-	24H	0N	-	30LUX
-	0N	10LUX	0N	0N	50LUX

4 Semi bright brightness setting

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S7	S8	Semi bright brightness	S7	S8	Semi bright brightness
-	-	0	0N	-	20%
-	0N	10%	0N	0N	30%

5 Semi bright brightness time setting



S9	S10	Semi bright brightness time	S9	S10	Semi bright brightness time
-	-	24H	0N	-	30MIN
-	0N	1MIN	0N	0N	60MIN

Technical Data

Operating voltage	20~60VDC (If the LED driver output is above 20V or below 60V, SK612V1 may work properly)
Input current	100mA(Min.)~3000mA(Max.) this current range must be strictly followed
Switched power	Max.180W
Standby power	<0.5W
Detection range	25/50/75/100%, can be customized
Daylight threshold	10~50Lux, disable, can be customized
Hold time	10s/1min/6min/12min, can be customized
Standby period	1min/30min/60min/24H, can be customized
Standby dimming level	10%/20%/30%, can be customized
Microwave frequency	5.8GHz +/-75MHz
Microwave power	<0.2mW
Detection range	(Φx H): 8m x 4m
Detection angle	360°
Mounting height	Max.4m
Operating temperature	-35°C~+70°C