



## Smart lighting devices

Specifications

 Lightwave

# L21 Dimmer (1 Gang UK)

## Features

- 280W smart dimmer
- Control by smartphone (requires Link Plus)
- 2-way communication: check status
- Timers / schedule / triggers / scene lighting
- Voice control with HomeKit / Alexa / Google
- Standard wiring (no neutral required)
- Fits standard 35mm single back box
- 10mm spacer included (7mm clearance)
- Soft Start capability
- Colour customisable LED indicator
- Auto calibrates to dimmable LED lamps
- Can perform wire-free multiway switching

## Finishes



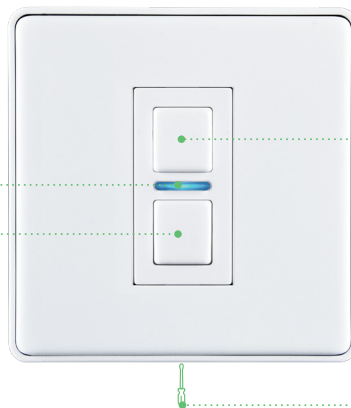
White metal



Stainless steel

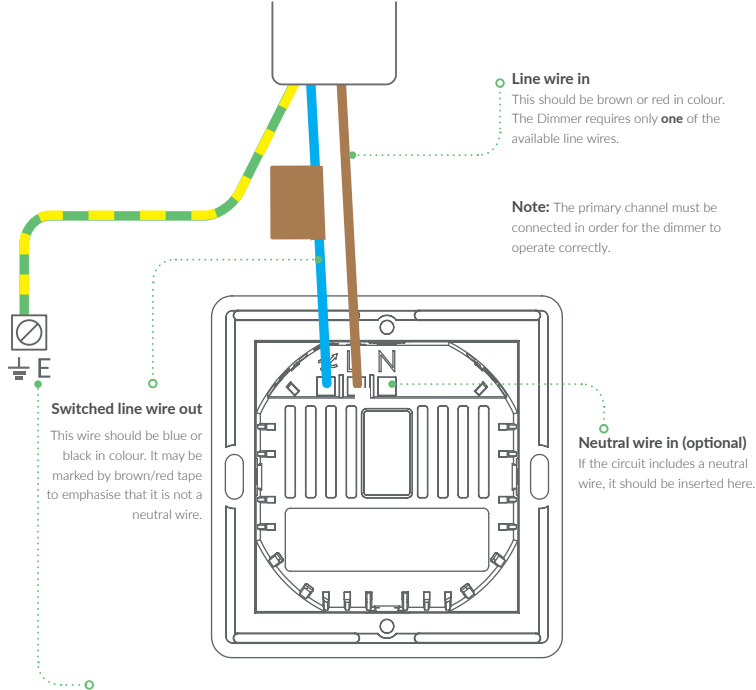
**LED**  
Indicator light.

**On button**  
Tap to turn on.  
Hold to raise light level.  
Tap to reach full brightness when illuminated.



**Off button**  
Tap to turn off.  
Hold to decrease light level.

**Screwdriver slot**  
To remove the cover plate



#### Wiring for multi-way switching

See [www.lightwaverf.com](http://www.lightwaverf.com) for information on how to wire the dimmer for multi-way switching

## Specification

RF frequency: 868MHz

Input rating: 230V~50Hz

Output rating: 280W

Incandescent Load: 10-280W (0W min with neutral)

Dimensions: 88mm x 88mm x 30mm

Back Box Depth: 35mm recommended

Earthing: optional (not required)

Standby Energy Use: <1W

Neutral: optional (not required)

Warranty: 2 years (standard)

Circuit Type: non-SELV

Operating temperature range: 0-35°

## Compatible lamps

- Mains voltage incandescent lamps (max 280W)
- GU10 / HI spot halogen lamps (max 280W)
- Most dimmable LEDs (see [www.lightwaverf.com](http://www.lightwaverf.com))

## Not compatible with:

- Wirewound transformers (generally older style)
- Electric motors
- CFLs and CFL tubes
- Non-dimmable LEDs

# L22 Dimmer (2 Gang UK)

## Features

- 200W (per gang) smart dimmer
- Control by smartphone (requires Link Plus)
- 2-way communication: check status
- Timers / schedule / triggers / scene lighting
- Voice control with HomeKit / Alexa / Google
- Standard wiring (no neutral required)
- Fits standard 35mm single back box
- 10mm spacer included (7mm clearance)
- Soft start capability
- Colour customisable LED indicator
- Auto calibrates to dimmable LED lamps
- Can perform wire-free multiway switching

## Finishes



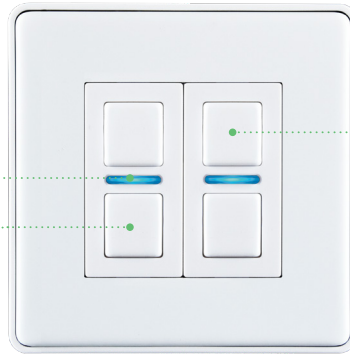
White metal



Stainless steel

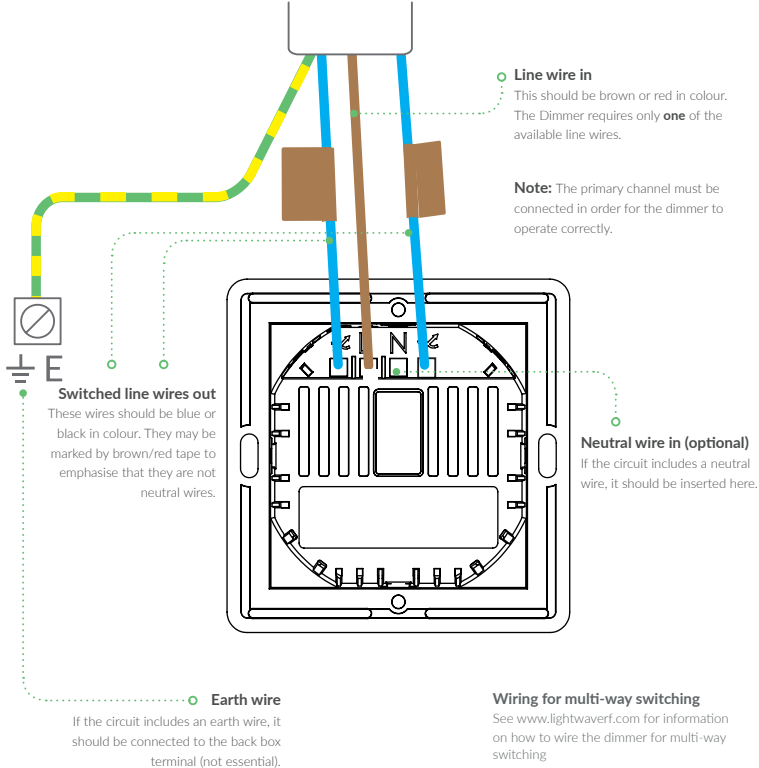
**LED**  
Indicator light.

**On button**  
Tap to turn on.  
Hold to raise light level.  
Tap to reach full brightness when illuminated.



**Off button**  
Tap to turn off.  
Hold to decrease light level.

**Screwdriver slot**  
To remove the cover plate



## Specification

RF frequency: 868MHz

Input rating: 230V~50Hz

Output rating: 200W (per gang)

Incandescent Load: 10-200W (0W min with neutral)

Dimensions: 88mm x 88mm x 30mm

Back Box Depth: 35mm recommended

Earthing: optional (not required)

Standby Energy Use: <1W

Neutral: optional (not required)

Warranty: 2 years (standard)

Circuit Type: non-SELV

Operating temperature range: 0-35°

## Compatible lamps

- Mains voltage incandescent lamps (max 200W)
- GU10 / HI spot halogen lamps (max 200W)
- Most dimmable LEDs (see [www.lightwaverf.com](http://www.lightwaverf.com))

## Not compatible with:

- Wirewound transformers (generally older style)
- Electric motors
- CFLs and CFL tubes
- Non-dimmable LEDs

# L23 Dimmer (3 Gang UK)

## Features

- 200W (per gang) smart dimmer
- Control by smartphone (requires Link Plus)
- 2-way communication: check status
- Timers / schedule / triggers / scene lighting
- Voice control with HomeKit / Alexa / Google
- Standard wiring (no neutral required)
- Fits standard 35mm double back box
- 10mm spacer included (7mm clearance)
- Soft start capability
- Colour customisable LED indicator
- Auto calibrates to dimmable LED lamps
- Can perform wire-free multiway switching

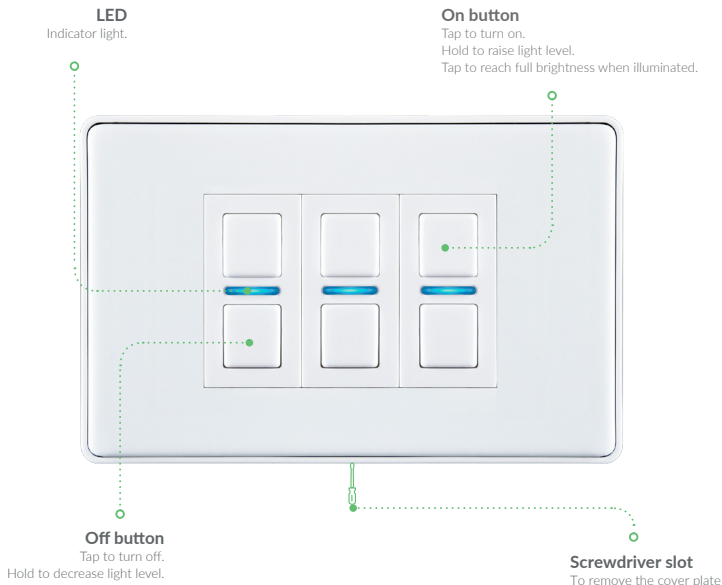
## Finishes



White metal



Stainless steel



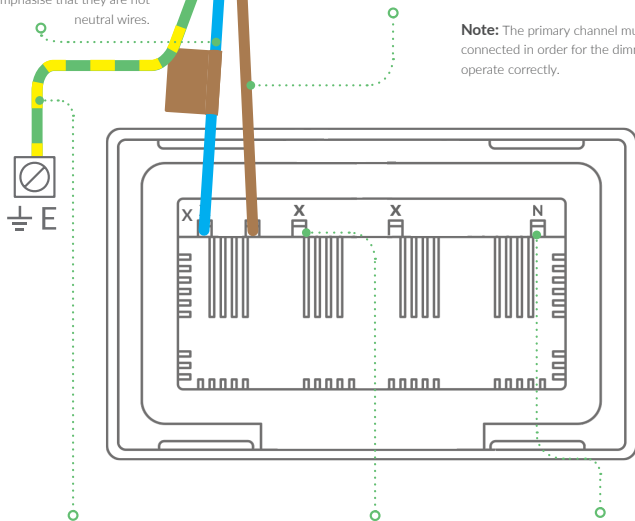
### Switched line wire out

These wires should be blue or black in colour. They may be marked by brown/red tape to emphasise that they are not neutral wires.

### Line wire in

This should be brown or red in colour. The Dimmer requires only **one** of the available line wires.

**Note:** The primary channel must be connected in order for the dimmer to operate correctly.



### Earth wire

If the circuit includes an earth wire, it should be connected to the back box terminal (not essential).

### Switched lines out

Connect every existing switched line to one of the four terminals on the Lightwave Dimmer.

### Neutral wire in (optional)

If the circuit includes a neutral wire, it should be inserted here.

## Specification

RF frequency: 868MHz

Input rating: 230V~50Hz

Output rating: 200W (per gang)

Incandescent Load: 10-200W (0W min with neutral)

Dimensions: 150mm x 88mm x 30mm

Back Box Depth: 35mm recommended

Earthing: optional (not required)

Standby Energy Use: <1W

Neutral: optional (not required)

Warranty: 2 years (standard)

Circuit Type: non-SELV

Operating temperature range: 0-35°

## Compatible lamps

- Mains voltage incandescent lamps (max 200W)
- GU10 / HI spot halogen lamps (max 200W)
- Most dimmable LEDs (see [www.lightwaverf.com](http://www.lightwaverf.com))

## Not compatible with:

- Wirewound transformers (generally older style)
- Electric motors
- CFLs and CFL tubes
- Non-dimmable LEDs

# L24 Dimmer (4 Gang UK )

## Features

- 200W (per gang) smart dimmer
- Control by smartphone (requires Link Plus)
- 2-way communication: check status
- Timers / schedule / triggers / scene lighting
- Voice control with HomeKit / Alexa / Google
- Standard wiring (no neutral required)
- Fits standard 35mm double back box
- 10mm spacer included (7mm clearance)
- Soft start capability
- Colour customisable LED indicator
- Auto calibrates to dimmable LED lamps
- Can perform wire-free multiway switching

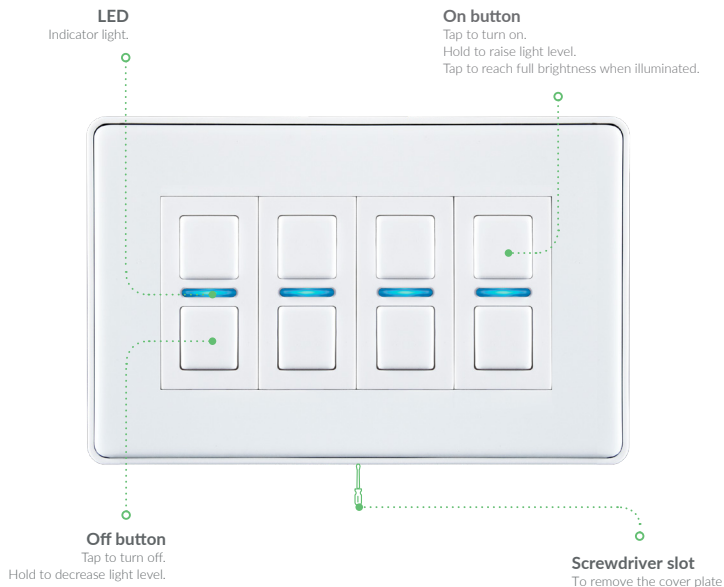
## Finishes



White metal



Stainless steel





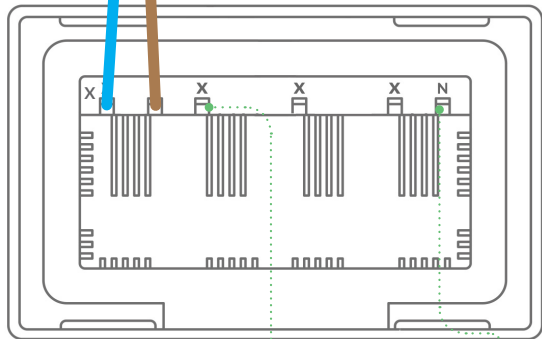
### Switched line wire out

These wires should be blue or black in colour. They may be marked by brown/red tape to emphasise that they are not neutral wires.

### Line wire in

This should be brown or red in colour. The Dimmer requires only **one** of the available line wires.

**Note:** The primary channel must be connected in order for the dimmer to operate correctly.



### Earth wire

If the circuit includes an earth wire, it should be connected to the back box terminal (not essential).

### Switched lines out

Connect every existing switched line to one of the four terminals on the Lightwave Dimmer.

### Neutral wire in (optional)

If the circuit includes a neutral wire, it should be inserted here.

## Specification

RF frequency: 868MHz

Input rating: 230V~50Hz

Output rating: 200W (per gang)

Incandescent Load: 10-200W (0W min with neutral)

Dimensions: 150mm x 88mm x 30mm

Back Box Depth: 35mm recommended

Earthing: optional (not required)

Standby Energy Use: <1W

Neutral: optional (not required)

Warranty: 2 years (standard)

Circuit Type: non-SELV

Operating temperature range: 0-35°

## Compatible lamps

- Mains voltage incandescent lamps (max 200W)
- GU10 / HI spot halogen lamps (max 200W)
- Most dimmable LEDs (see [www.lightwaverf.com](http://www.lightwaverf.com))

## Not compatible with:

- Wirewound transformers (generally older style)
- Electric motors
- CFLs and CFL tubes
- Non-dimmable LEDs

# L21EU (1 Gang European)

## Features

- 280W smart dimmer
- Control by smartphone (requires Link Plus)
- 2-way communication: check status
- Timers / schedule / triggers / scene lighting
- Voice control with HomeKit / Alexa / Google
- Standard wiring (no neutral required)
- Spacer included
- Soft start capability
- Colour customisable LED indicator
- Auto calibrates to dimmable LED lamps
- Can perform wire-free multiway switching

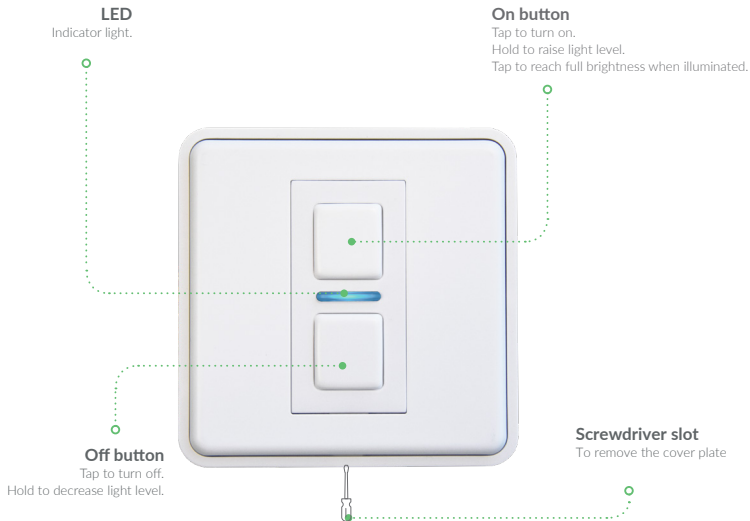
## Finishes

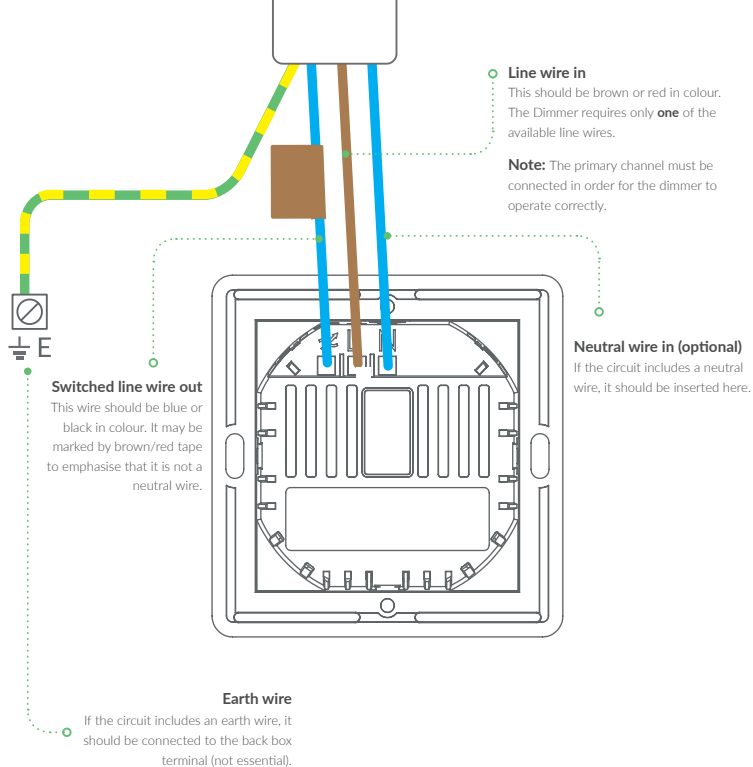


White metal



Stainless steel





## Specification

RF frequency: 868MHz

Input rating: 230V~50Hz

Output rating: 280W

Incandescent Load: 10-280W (0W min with neutral)

Dimensions: 69mm x 69mm x 30mm

Back Box Depth: 35mm recommended

Earthing: optional (not required)

Standby Energy Use: <1W

Neutral: optional (not required)

Warranty: 2 years (standard)

Circuit Type: non-SELV

Operating temperature range: 0-35°

## Compatible lamps

- Mains voltage incandescent lamps (max 280W)
- GU10 / HI spot halogen lamps (max 280W)
- Most dimmable LEDs (see [www.lightwaverf.com](http://www.lightwaverf.com))

## Not compatible with:

- Wirewound transformers (generally older style)
- Electric motors
- CFLs and CFL tubes
- Non-dimmable LEDs

# L22EU (2 Gang European)

## Features

- 200W (per gang) smart dimmer
- Control by smartphone (requires Link Plus)
- 2-way communication: check status
- Timers / schedule / triggers / scene lighting
- Voice control with HomeKit / Alexa / Google
- Standard wiring (no neutral required)
- Spacer included
- Soft start capability
- Colour customisable LED indicator
- Auto calibrates to dimmable LED lamps
- Can perform wire-free multiway switching

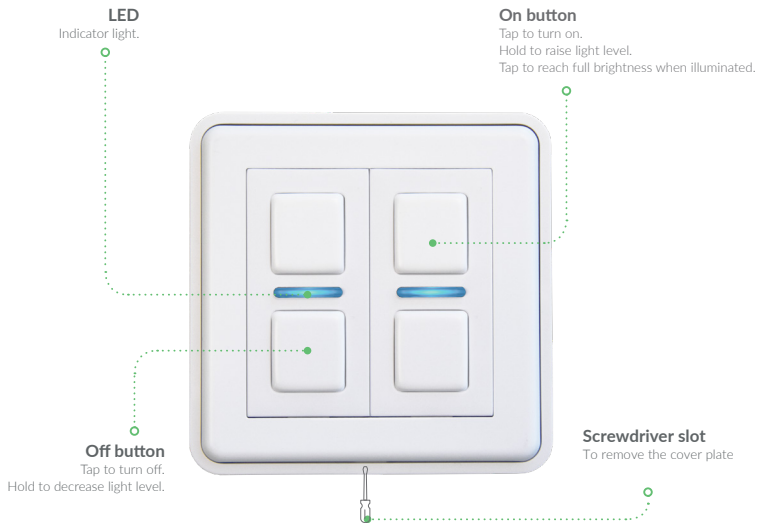
## Finishes

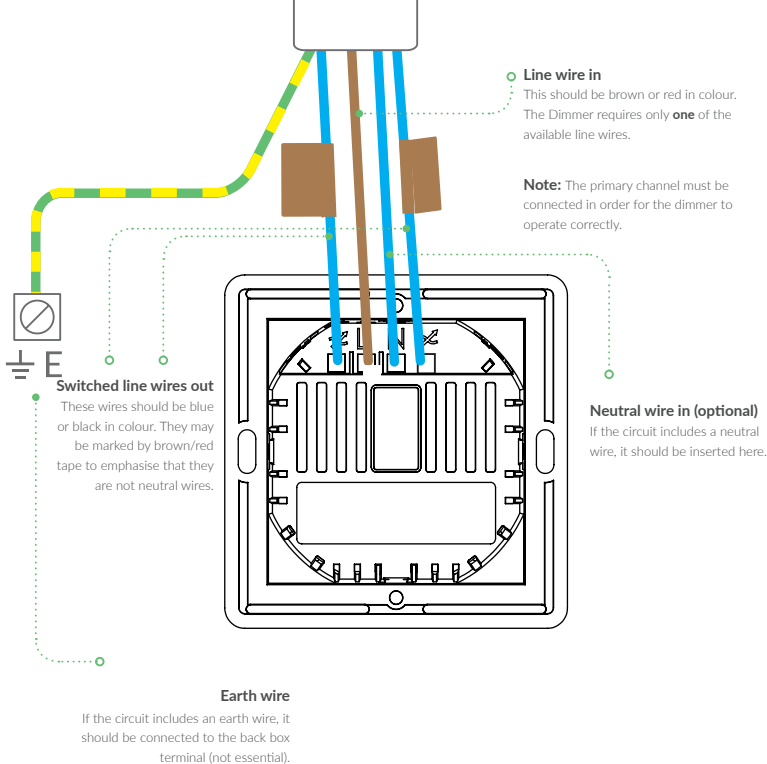


White metal



Stainless steel





## Specification

RF frequency: 868MHz

Input rating: 230V~50Hz

Output rating: 200W (per gang)

Incandescent Load: 10-200W (0W min with neutral)

Dimensions: 69mm x 69mm x 30mm

Back Box Depth: 35mm recommended

Earthing: optional (not required)

Standby Energy Use: <1W

Neutral: optional (not required)

Warranty: 2 years (standard)

Circuit Type: non-SELV

Operating temperature range: 0-35°

## Compatible lamps

- Mains voltage incandescent lamps (max 200W)
- GU10 / HI spot halogen lamps (max 200W)
- Most dimmable LEDs (see [www.lightwaverf.com](http://www.lightwaverf.com))

## Not compatible with:

- Wirewound transformers (generally older style)
- Electric motors
- CFLs and CFL tubes
- Non-dimmable LEDs

 Lightwave



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