

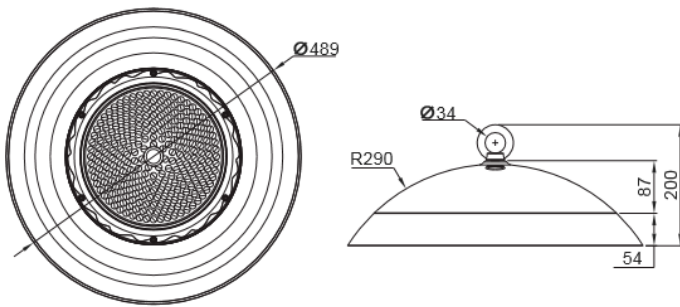
## Installation Instructions



The Kascade is a HACCP approved high bay. It is used in food manufacturing environments, school halls and factories. It features a high CRI of 90 and has multiple lens options available. The integrated 3-in-1 dimmable driver allows for flexible dimming using 1-10V DC, resistance or PWM dimming.

**!** All electrical work must be carried out by a qualified Electrician in accordance with the latest wiring regulations. Light must be operated within its specified operating parameters and in accordance with our warranty requirements. These documents are available on our website.

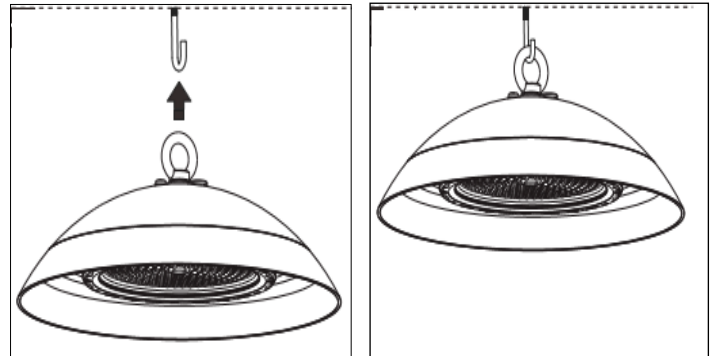
### TECHNICAL DATA



Model #	Rated Power (W)	Size ØxH (mm)	Weight (kg)
KHB100D	100	Ø489 x 200	7.2
KHB120D	120	Ø489 x 200	7.3
KHB150D	150	Ø489 x 200	7.4
KHB200D	200	Ø489 x 200	7.5

### INSTALLATION

1. Switch mains power off.
2. Unplug and remove old luminaire.
3. Suspend Kascade luminaire using a suitably rated chain, stainless steel cable or hook (shown on right).
4. Connect dimming wires to dimming system if desired (see "Dimming" section on next page).
5. Plug 3-pin plug into mains power socket.
6. Switch mains power on.



**!** When using this luminaire in a HACCP food safety controlled environment, the luminaire must be installed using a stainless steel cable.

## DIMMING

The Cascade luminaire features a 3-in-1 dimmable driver which means the fitting can be dimmed using 1-10V DC, resistance and PWM dimming. If the dimming wires are not used, they have to be terminated to avoid the wires short-circuiting.

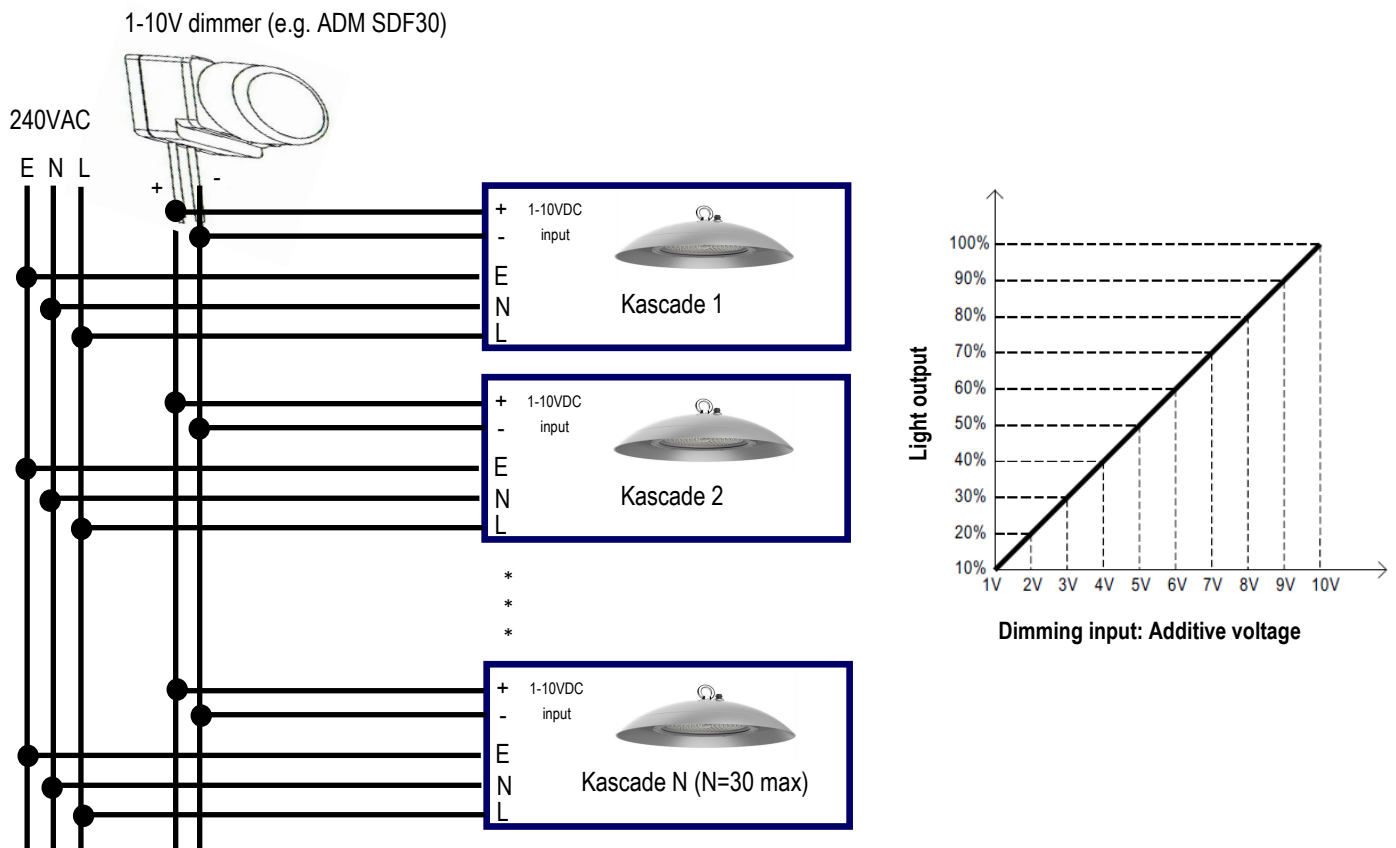
Please note that low voltage dimming wires should not run next to mains wires to avoid interference. The maximum cable length of the dimming wires is 250m and the cable size should be at least 1.5mm<sup>2</sup>. Lights do not dim to off. A separate ON/OFF switch is required.

### 1-10V DC DIMMING

The diagram below shows the wiring setup for 1-10V DC dimming with the ADM SDF30 dimmer.

The maximum number of lights that can be connected to this dimmer is 30.

If you are using a different dimmer, please check the operating parameters of the dimmer. Source current per driver is 100µA.



### RESISTANCE AND PWM DIMMING

Please contact enLighten Australia for instructions for resistance or PWM dimming.