



shining the Innovation on light

Victorian Energy Saver Incentive Scheme Fact Sheet

Victorian Energy Efficiency Certificate (VEEC) generation from Chamaeleon multi-function LED commercial lighting upgrade installations

What is a VEEC?

A VEEC is a financial incentive to reduce the consumption of electricity through energy savings activities. VEECs are tradeable certificates that vary in price according to supply and demand. An indicative price range is \$9-\$20 per certificate.

The VEET Scheme is administered and regulated by the Victorian Essential Services Commission, who assess product applications, monitor compliance and accredit parties to undertake eligible activities and create certificates.

Who can apply?

The following existing *Building Code of Australia* Classes: 2, 3, 5, 6, 7, 8, 9 or 10b buildings undertaking an upgrade of general lighting are:

- **Commercial facilities** - office buildings, hotels, motels, aged care facilities and shopping centres
- **Public facilities** – swimming pools, administration centres, community centres
- **Residential strata** and company title properties (Class 2 -common areas only)

What Chamaeleon models can generate VEECs?

The current models of the **Chamaeleon** multi-function LED light range that have been approved for use for **ALL registered Accredited Persons** under Section 34 lighting upgrades

Model Number	Description
SN450MFL-082-E	8 Chip emergency
SN450MFL-082-E -110V	8 Chip emergency central battery
SN450MFL-082-S	8 Chip standard
SN450MFL-102-E	10 Chip emergency
SN450MFL-102-E -110V	8 Chip emergency central battery
SN450MFL-120-P	12 chip permanently on
SN450MFL-140-P	14 chip permanently on
SN450MFL-142-S-SE	14 chip standard with side emitting lenses
SN450MFL-142-E-SE	14 chip emergency with side emitting lenses
SN450MFL-102-S	10 Chip Standard
SN450MFL-060-S	6 chip standard (no standby mode)
SN450MFL-080-S	8 chip standard (no standby mode)
SN450MFL-080-E	8 chip emergency (no standby mode)



The range of Chamaeleon LED lights falls under Emerging Lighting Technologies class, product category: LED Other (240v).

How many VEECs will my project generate?

The current calculation of VEECs is dependent on the following factors:

- Existing lamp technology installed – (lamp circuit power, ballast, controls)
- Lamp technology replaced – (lamp circuit power, ballast, controls)
- Volume of lights retrofitted
- Hours of operation

Note - the current 3000 hour annual maximum operating hour cap for commercial lighting upgrades does not fully capture the energy savings potential of the Chamaeleon light. Enlighten Australia has made a submission recommending an extension of operating hours from 3000 to 8736 hours (24/7) during the June 2013 scheme design consultation period.

A general rule of thumb calculation for the Chamaeleon LED retrofit of T8 fluorescent tube lighting is calculated below.

Existing light	Replacement light	Hours of operation	VEEC volume
Single T8 590mm (18W) & ballast	Chamaeleon LED light range with integrated ballast. <i>Average lamp circuit power is 22 watts based on 70% occupancy mode & 30% standby mode settings</i>	3000 hrs annual (Current maximum allowance)	0
Double T8 590mm (18W) & ballast			1
Single T8 1200mm (36W) & ballast			1
Double T8 1200mm (36W) & ballast			2

How do I claim VEECs?

An application for VEECs can either be undertaken by the project host (once they become accredited) or they can use a 3rd party accredited Agent, called an Accredited Person (AP).

[Outperformers](#) [Green Energy Trading](#) [Ecovantage](#) [Global LEDA](#) [LESS](#)

The client will be asked to input project data into a proprietary VEEC calculation spreadsheet by the AP for submission to the scheme administrators, for a definitive volume of project generated VEECs. Some APs may aggregate projects together. The VEECs are then sold via forward contract or spot market and the sales value is reimbursed to the project host. APs charge a fee that is paid by the client.

Is enLighten Australia an Accredited Provider?

As a product manufacturer we are registered under the scheme to submit products for addition to the commercial lighting upgrade approved products register.

For further information:

[1200 Buildings Energy Saver Incentive Commercial Lighting fact sheet](#)
[Energy Saver Incentive Scheme website](#)
[Current listing](#) of APs accredited for commercial lighting upgrades