



**CONSUMERS
FEDERATION
OF AUSTRALIA**

Developing and promoting
the consumer interest

Equipment Energy Efficiency (E3) Lighting - Updated Policy Positions

Consumers Federation of Australia (CFA) welcomes the opportunity to comment on the supplementary consultation paper updating policy positions for lighting.

CFA is the peak national body for consumer organisations in Australia and represents a diverse range of consumer organisations, including major national consumer organisations. CFA plays an important role in ensuring consumer interests are represented in the development of Australian standards, including 14 energy standards.

Although we have not been involved in the Lighting Consultation Regulation Impact Statement (CRIS) from 24 November 2016 to 3 March 2017, and were given late notice on the latest consultation, the following include comments from a number of CFA representatives on Standards Australia Technical Committees developing standards in the energy sector.

Overall CFA supports Minimum Energy Performance Standards (MEPS) be introduced for LED lamps and integrated luminaires since LED lights offer a highly cost effective way for consumers to reduce their energy costs, however the following has been raised:

- Concerns about the effects of the blue light spectrum of LED.
- LED do not operate in AC only DC. The converter causes high inrush current.
- Concerns about constant current drivers – volts increase in installations where driver changes from ELV (less than 50v) to LV (more than 50 v).
- Concerns that all LED lights are not tested to ensure they meet interference guidelines – some manufacturers use switch mode supply to convert AC to DC which results in radio interference that affects the operation of surrounding devices.

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10 October 2017