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### (ENE3) Internal Lighting \_



#### Overview

For 2009 CfSH projects, in summary, lights must be:

{tip





**L1/G10:** L1 is a dedicated low energy fitting. Whilst very similar to GU10, the noticeable difference is the recess hole in the middle bottom of the cap. The L1 lamp holder has a pin which fits into this hole, preventing the use of non L1 compliant bulbs (G10 bulbs which are typically halogen downlighters which use much more energy). The L1 cap is normally used with high efficiency CFL (compact fluorescent light) bulbs.

- have an efficiency of more than 40 lumens per watt
- light fittings using less than 5W (typically LED) are excluded from the requirements to encourage their use

Please see 2009 technical guide & references below for more exact criteria.

**Please Note:** amendments to the code in the 2010 technical guide mean that ENE3 Internal Lighting is incorporated into ENE1 SAP calculations for CfSH 2010 developments which have different criteria. Therefore if you are building to the 2010 CfSH guide please view our [ENE1 - Part L1A Internal Lighting](#) section

### Technical Guide May 2009 Criteria

- 2 available credits
- Credits worth 1.26% points each
- Mandatory Element: No

Aim: To encourage the provision of energy efficient internal lighting, thus reducing the CO2 emissions from the dwelling.

Assessment Criteria: Credits are awarded for the provision of fixed dedicated energy efficient internal light fittings as follows:

Criteria
Where $\geq 40\%$ of fixed internal fittings are dedicated and energy efficient.
Where $\geq 75\%$ of fixed internal fittings are dedicated and energy efficient.
Default Cases
None



**References for ENE3**

[Communities and Local Government. Approved Document L1A Conservation of fuel and power \(New dwellings\) \(2006 edition\). CLG, London, 2006](#)

**Additional information**

[Specific EST guidance - Energy efficient lighting \(a guide for installers and specifiers CE61\) and Low energy domestic lighting \(GIL20\)](#)

[Guidance from the Energy Saving Trust on energy efficient lighting](#)

[Low Energy Light Bulbs](#)



[Low Energy Basic Pendent Sets](#)



[Low Energy Downlights](#)



[Low Energy Bathroom Lighting](#)



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