

General Guidance

Recessed Luminaires and Independent LED Drivers classified as NON IC

STANDING COMMITTEE OF OFFICIALS (SCO)

Secretariat: c/o Electrical Safety Office Queensland

GPO Box 69, Brisbane QLD 4001

eess.secretariat@oir.qld.gov.au

July 2020 #20/007

Recessed Luminaires and Independent LED Drivers classified as NON IC

This guidance material is to clarify if recessed luminaires and drivers classified as NON IC is in-scope electrical equipment or not.

Question

Are Recessed Luminaires and Independent LED Drivers that are classified as NON IC (in accordance with AS/NZS 60598.2.2 and AS/NZS 61347.1 respectively) in-scope electrical equipment

Answer

The equipment (by virtue of being classified NON IC) is not considered suitable for domestic installation and the EESS scope only applies to equipment intended for household type/domestic use/installations. Therefore, NON IC rated recessed luminaires and drivers are not in-scope electrical equipment.

NOTE: A RECS certifier cannot issue RECS certification for Recessed Luminaires and Independent LED Drivers classified as NON IC (as they are deemed out of scope). Certifiers cannot upload to the EESS certification database any non RECS certificate they may issue. Any such certificate issued should be clear they are not a RECS certificate and be clear the equipment on the certificate is not certified for residential or household use.

Background

Recessed luminaire safety standard AS/NZS 60598.2.2 has a definition for NON IC luminaire indicating it is not a type suitable for being abutted against or covered by normally flammable materials or used in installations where building insulation or debris is, or may be, present in normal use. Such a definition would preclude these devices being installed in household situations as building (thermal) insulation will be, or may in the future be, installed. The standard is clear these devices are not suitable for residential situation – so they cannot be 'in-scope electrical equipment'.

Similar criteria and statement are in AS/NZS 61347.1 for NON IC rated LED drivers. So similarly, these devices cannot be 'in-scope electrical equipment'.