

FC11557-001 TO

Technical Opinion Summary



This is to certify that the specimen described below has been examined by BRANZ on behalf of the sponsor.

Sponsor

Switch Lighting
53c Bolt Road
Annesbrook
Nelson, 7011
New Zealand

Reference BRANZ Reports FC11557-001 TO

Referenced Standard AS1530.4:2014

Specimen Name: Switch Lighting downlights model SLDF24#F, SLDF24#T or SLDF27#F

Specimen Description: Switch Lighting downlight installed into GIB® Fire rated floor/ceiling systems.

Orientation: Exposure from the underside only

The assessed results were as follows:

FRR	GIB® system	Ceiling lining
60/60/60	GBCJ 60, GBSC 60b	1 x 16 mm GIB Fyreline®
	GBSC 60a, GBUC 60*, GBDFA 60e	2 x 13 mm GIB Fyreline®
	GBSJA 60	1 x 16 mm and 1 x 13 mm GIB Fyreline®
	GBSCA 60a	1 x 13 mm + 1 x 16 mm GIB Fyreline®
45/45/45	GBFC 45, GBCJ 45	1 x 13 mm GIB Fyreline®
	GBSJA 45, GBSCA 45	2 x 13 mm GIB Fyreline®
30/30/30	GBFC 30, GBCJ 30, GBSJ 30, GBSC 30	1 x 13 mm GIB Fyreline®
	GBUC 30*	1 x 16 mm GIB Fyreline®
	GBDFA 30a	2 x 13 mm GIB® standard plasterboard
	GBDFA 30d	1 x 13 mm GIB Braceline®/Noiseline®
15/15/15	GBFC 15	1 x 13 mm GIB® Standard
	GBUC 15*	1 x 13 mm GIB Fyreline®

Subject to the following:

- The downlights shall not be placed closer than 100 mm from framing or any combustible materials.
- No more than one downlight shall be used per 600 mm x 600 mm unsupported area.
- The minimum cavity size shall not be less than tested at 190 mm in height.

* Note these systems states a minimum of 90 mm in the GIB® Fire rated system manual. The downlights must not be installed into a cavity of less than 190 mm as tested.

Issued by

P. Chapman
Senior Fire Testing Engineer

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24 June 2019

Reviewed by

E. Soja
Senior Fire Safety Engineer

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24 June 2024

Regulatory authorities are advised to examine test reports before approving any product.