



STRUCTURAL CALCULATIONS - 250kg chandelier
Beam to support 250kg chandelier.
Dead load = $250\text{kg} \times 9.81 / 1000 = 2.5\text{kN}$
Span of beam 0.7m between supports.
Refer to SCIA calculation - 50x50x4 SHS S355 OK to support
weight for deflection SLS and ULS checks passed.

- General Notes:**
1. Scale This Drawing As Labeled
 2. All dimensions are in millimetres unless otherwise stated
 3. Drawing based on survey information by others.
 4. Contractors are not to scale dimensions from this drawing
 5. Contractors are to check all dimensions prior to commencement on site and notify the architect of any errors, omissions, or discrepancies
 6. Arch Lucid Limited retain copyright of this drawing. It may not be copied, altered or reproduced in any way without their written authority.

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CODE	SUITABILITY DESCRIPTION
STATUS	PURPOSE OF ISSUE

PROJECT

CLIENT

DRAWN BY ZA	CHECKED BY QA	DATE 01/01/26
SCALE (@ A3) 1:200	PROJECT NUMBER AL26/HS	
DRAWING NUMBER AL26/HS/00		REV 00

