NOTES

KERB DETAILS SHOWN INDICATIVE ONLY. DETAILED DESIGN BY OTHERS

X No. REQUIRED

GLASS SPEC:
OUTER : 6mm CLEAR HST TOUGHENED GLASS
CAVITY : 20mm ARGON FILLED + WARM EDGE SPACER
INNER : 6mm CLEAR HST TOUGHENED GLASS + LOW E COATING
SILICONE BONDED

LIGHT TRANSMISSION = 78 %
CENTRE PANE U VALUE = 1.1 W/m².K
SOLAR G VALUE = 0.63
ACOUSTIC REDUCTION = 35 Rw dB
WEIGHT = 55 KG/m²

ROOFLIGHT ORDER SIZE = OVERALL FINISHED AND WEATHER KERB DIMS.

GLASS BONDED TO FRAME WITH GLAZING SECURITY TAPE.

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MIN. 5° FALL RECOMMENDED TO HELP SHED WATER. LARGER UNITS MAY REQUIRE STEEPER PITCHES.

PRODUCT U-VALUE = AS LOW AS 1.4 W/m².K (u-values are size dependant)

CHAIN STROKE SET 200mm AS STANDARD. ROCKER SWITCH SUPPLIED AS STANDARD. POWERED BY 1 OR MULTIPLE 230v OR 24v SYNCHRONIZED ACTUATORS, ALL ELECTRICAL COMMISSIONING BY OTHERS. OTHER SWITCH OR CONTROL OPTIONS, SUCH AS REMOTE OPERATION, AVAILABLE UPON REQUEST.

WITH ANNEALED GLASS, KERBS TO BE 130mm THICK MAXIMUM.

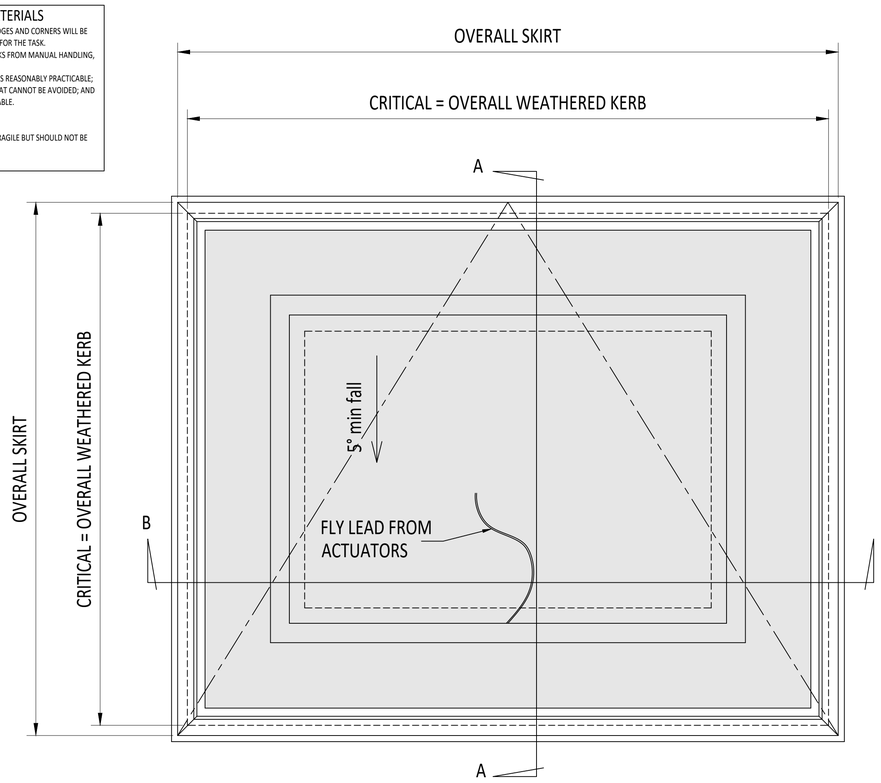
DESIGN LOADS: 750N/m² WIND 640N/m² SNOW AS STANDARD
OTHER LOADS TO BE SPECIFIED BY CLIENT.

CDM :HAZARD IDENTIFICATION - HANDLING MATERIALS

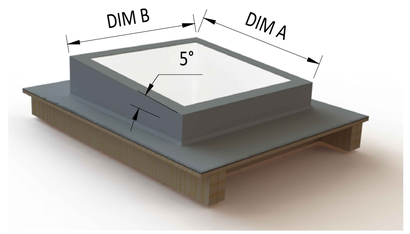
BE AWARE OF SHARP EDGES AND CORNERS WHEN HANDLING MATERIALS. MOST EDGES AND CORNERS WILL BE DEBURRDED BUT THERE IS STILL A SMALL RISK. WEAR APPROPRIATE PPE REQUIRED FOR THE TASK.
THE MHOR 1992 SET OUT A CLEAR RANKING OF MEASURES FOR DEALING WITH RISKS FROM MANUAL HANDLING, THESE ARE:

- **FIRST** : AVOID HAZARDOUS MANUAL HANDLING OPERATIONS SO FAR AS IS REASONABLY PRACTICABLE;
- **SECOND** : ASSESS ANY HAZARDOUS MANUAL HANDLING OPERATIONS THAT CANNOT BE AVOIDED; AND
- **THIRD** : REDUCE THE RISK OF INJURY SO FAR AS IS REASONABLY PRACTICABLE.

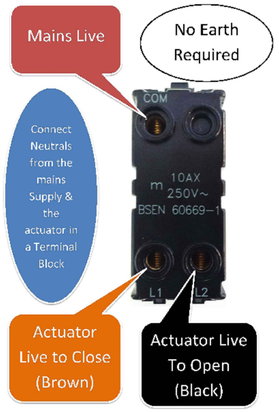
HAND PROTECTION (MANDATORY) TO: BS EN 388:1994.
ROOFLIGHTS MUST ONLY BE INSTALLED BY COMPETENT CONTRACTORS.
DANGER OF DAMAGING GLASS IF IT IS WALKED UPON. GLASS IS CLASSED AS NON-FRAGILE BUT SHOULD NOT BE WALKED ON. USE SPREADER BOARDS.
REFER TO RISK ASSESSMENT FOR FURTHER DETAILS.



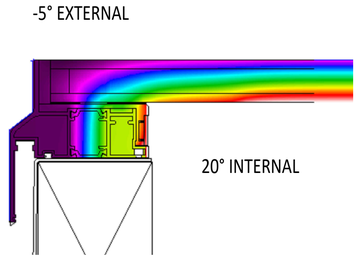
PLAN VIEW
TRUE VIEW ON SLOPE



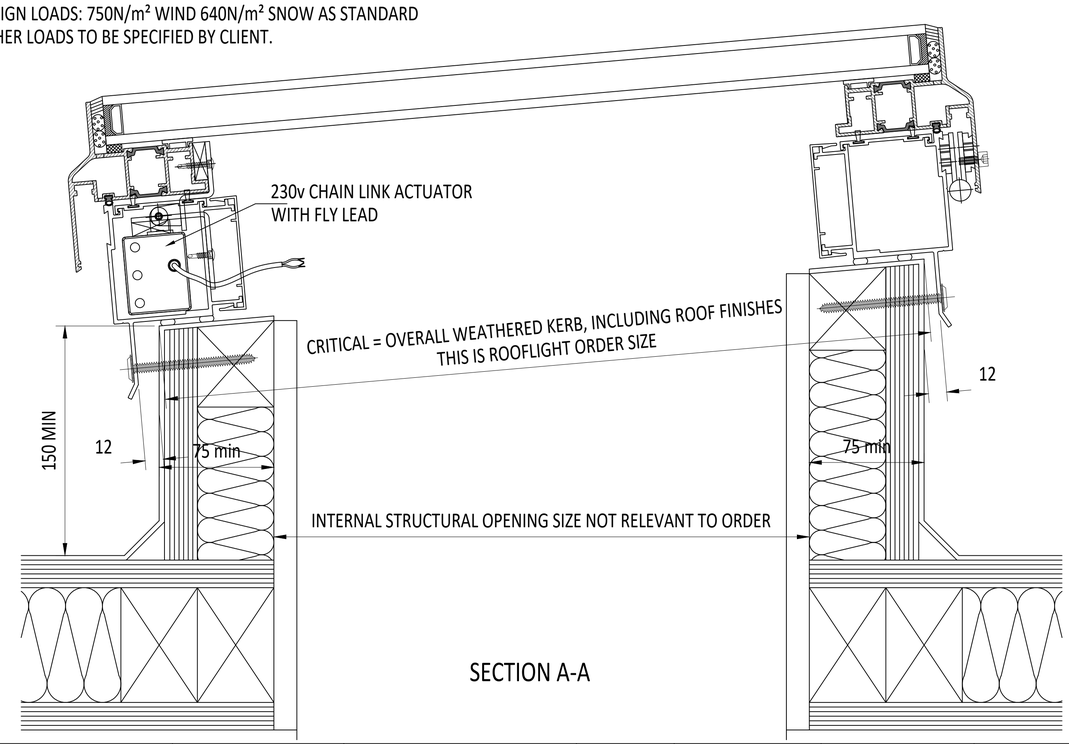
3D EXAMPLE OF KERB



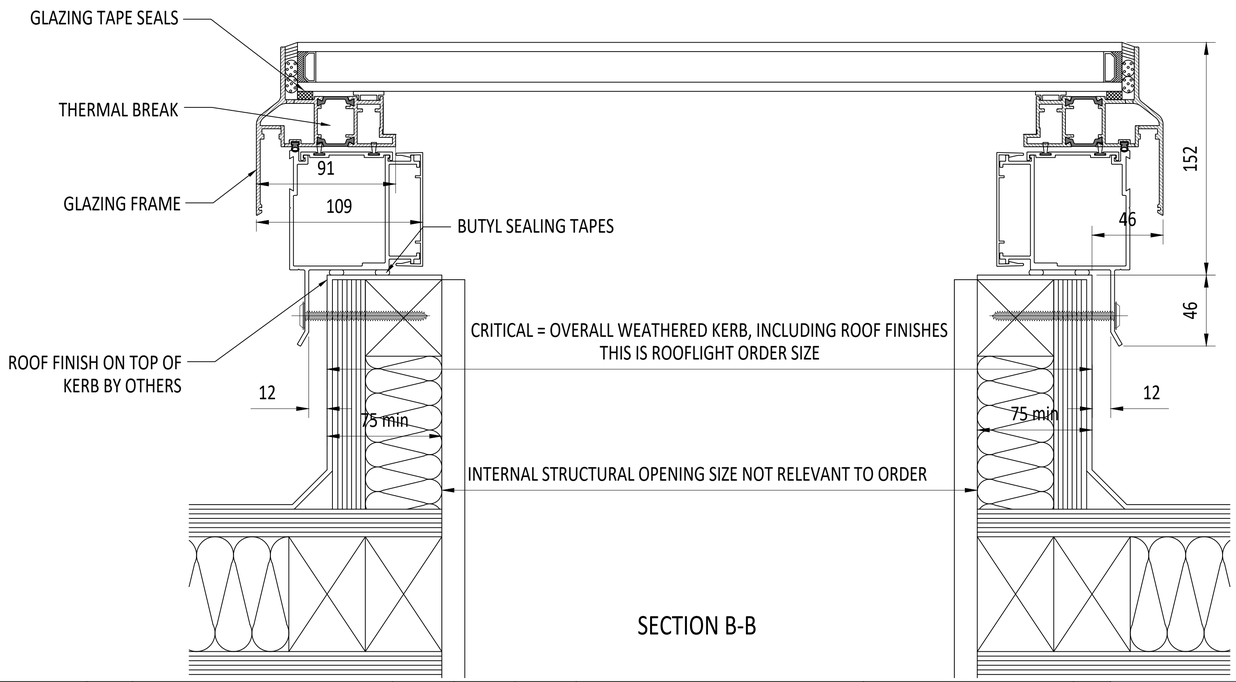
230v WIRING GRID FOR SWITCH



THERMAL IMAGING OF FRAME



SECTION A-A



SECTION B-B

IF IN DOUBT ASK
DO NOT SCALE

IT IS THE RESPONSIBILITY OF THE KERB DESIGNER TO ENSURE THE KERB WILL BE STRUCTURALLY ADEQUATE TO HOLD THE ROOFLIGHT. KERBS SHOWN ON ROOFGLAZE ROOFLIGHTS DRAWINGS ARE FOR ILLUSTRATION PURPOSES ONLY.

Roofglaze Rooflights would advise an installation with a minimum pitch of 5° for rooflight units to minimize water pooling. Whilst the product can be installed flat without detriment to the warrantee, Roofglaze Rooflights cannot be held responsible for any excessive pooling of water to the surface of the rooflight post installation, if installed without an adequate fall.

THIS DRAWING MUST NOT BE COPIED OR PASSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT FROM ROOFGLAZE ROOFLIGHTS LIMITED.

CHECKED	C. MITCHELL
DATE	28-03-2018
DRAWN	D. PUGH
DATE	28-03-2018
TOLERANCE UNLESS OTHERWISE STATED	±5
DIMENSIONS IN	MM
SCALE	1:2 @ A1
MATERIAL	ALUMINIUM + GLASS
FINISH	POLYESTER POWDER COATING RAL T.B.C, 70% GLOSS

REV	AMENDMENTS	SIGNED	CHECKED	DATE

Roofglaze Rooflights Ltd,
11 Howard Road, Eaton Socon, St Neots, Cambs, PE19 8ET
Telephone 01480 474797
Fax 01480 474774.

DRAWING N°. RGR-80-20-300

REV

TITLE: 230v ELECTRICALLY HINGED FOR VENTILATION TOUGH/ TOUGH

SIZE A 1

Roofglaze Lighting by nature™