



Sizes / Weights / Design Tolerances

In this document, you can see 'at a glance' the critical dimensions and weights of all the rooflights we supply and also the design tolerances that must be considered both on the outside and inside of your roof when planning your installation.

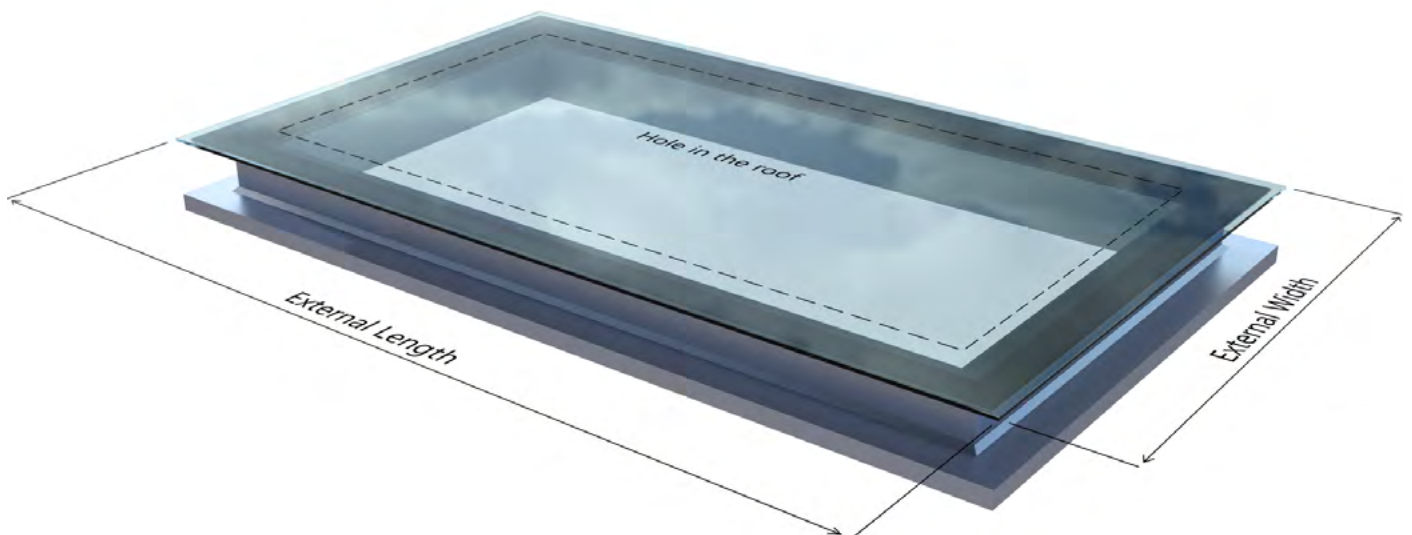
Blade Size and Weight Tables

In the following tables, we give the internal 'hole in the roof' and external dimensions and weights of all Blade options. There is a fantastic selection of sizes available, please select with care.

As well as using the 'Design Tolerances' section below to make sure the Blade fits correctly to your build design, please also think about how the Blade will arrive at the 'fit area', taking into consideration its width, height and weight. Our products are delivered 'kerbside' and then it is the home owner's or constructor's responsibility to lift the Blade to its final destination (see our ['Delivery & Lifting' doc](#) for more info).

We recommend approximately 30kgs per person lifting weight as an average. When rooflights weigh more than 150-180 kgs, then lifting equipment should potentially be considered. Please discuss the lift with your builder and/or contact us at Ofset. We can organise project-specific cranes if you need our help.

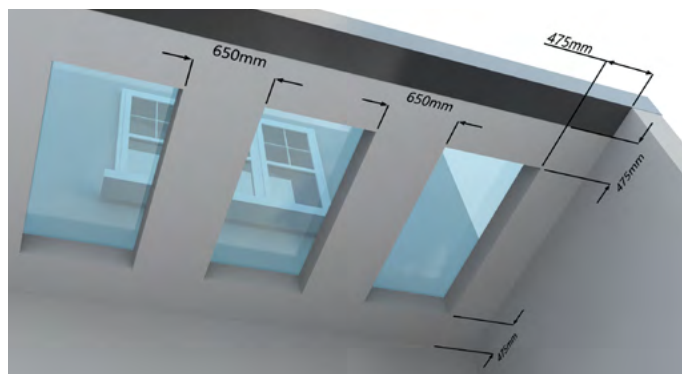
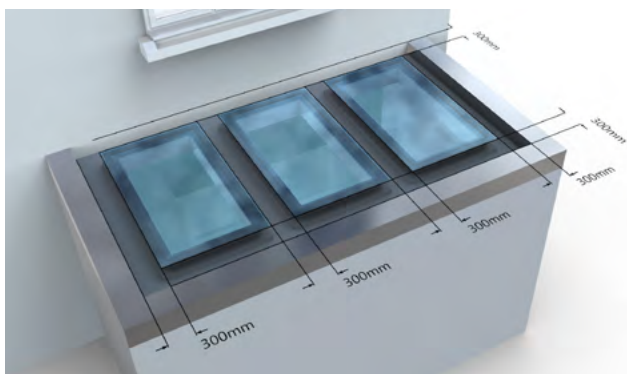
It may sometimes be better to have two smaller rooflights than one big one if access is an issue.



Blade Design Tolerances

When choosing your Blade, consideration must be given to the internal kerb size and external product/glass dimensions of your product paying careful attention to distances between rooflights themselves and between rooflights and other building elements.

The Blade has a unique floating exterior look. Allowances must be made for this overhang and also sufficient room must be allowed for the builder/roofer to finish the roofing material up the side of the product/external kerb.



We recommend a minimum 300mm space from the outside edge of the floating infinity glass either to the inside edge of the roof, house wall or another Blade.

The distance internally from aperture to aperture if you order more than one Blade must be minimum 650mm excluding plaster detail. Internal kerb to internal kerb.

Internal kerb to the house wall or the inside edge of the roof is minimum 475mm, excluding plaster detail.

These parameters shouldn't be an issue for most clients, especially if the Blade is incorporated into the original design of the scheme.

Design with knowledge, create with freedom and buy with confidence.

Love • Design • Order • Enjoy