

ROOFGLAZE

Lighting
by nature™



Transforming your space with
natural light

www.roofglaze.co.uk

DAYLIGHT SOLUTIONS FROM THE EXPERTS

Roofglaze manufactures an exceptional range of daylight solutions for your home.

All our Flatglass rooflights are designed and made using state of the art CAD techniques and automated CNC machining. With leading-edge technical partnerships and extensive in-house production capabilities, we also offer bespoke roof glazing systems within the shortest lead times.

We take pride in our professional advice for clients; our experienced team of estimators, designers and technical salespeople are committed to supplying you with the best rooflight, skylight or roof glazing system for your project.

Based in Cambridgeshire since 1999, we work across the UK with self-builders, homeowners, their Architects and contractors. We are an accredited and certified business, and we're proud to operate to the highest industry standards.

We can work with you at all stages of your project to ensure that the rooflights you receive are ideally matched to your requirements;

- BESPOKE OPTIONS
- 15 YEAR WARRANTY
- UK ROOFLIGHT MANUFACTURER
- INDUSTRY-LEADING LEAD TIMES



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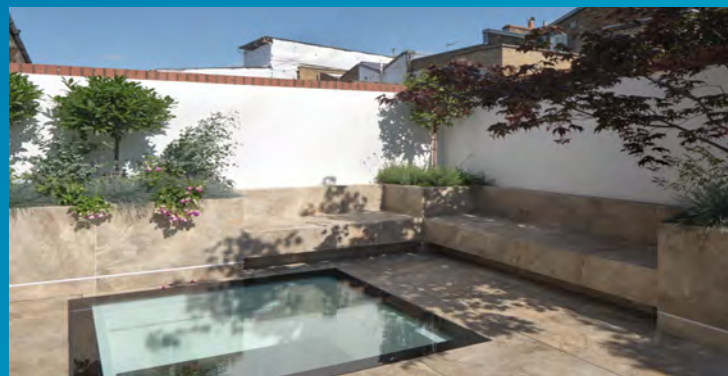
DAYLIGHT IDEAS AND OPPORTUNITIES

Flatglass rooflights can be specified in a number of shapes, sizes and styles to suit the exact needs of your project.



OPENING ROOFLIGHTS

Provide natural ventilation, roof access or automatic smoke ventilation.



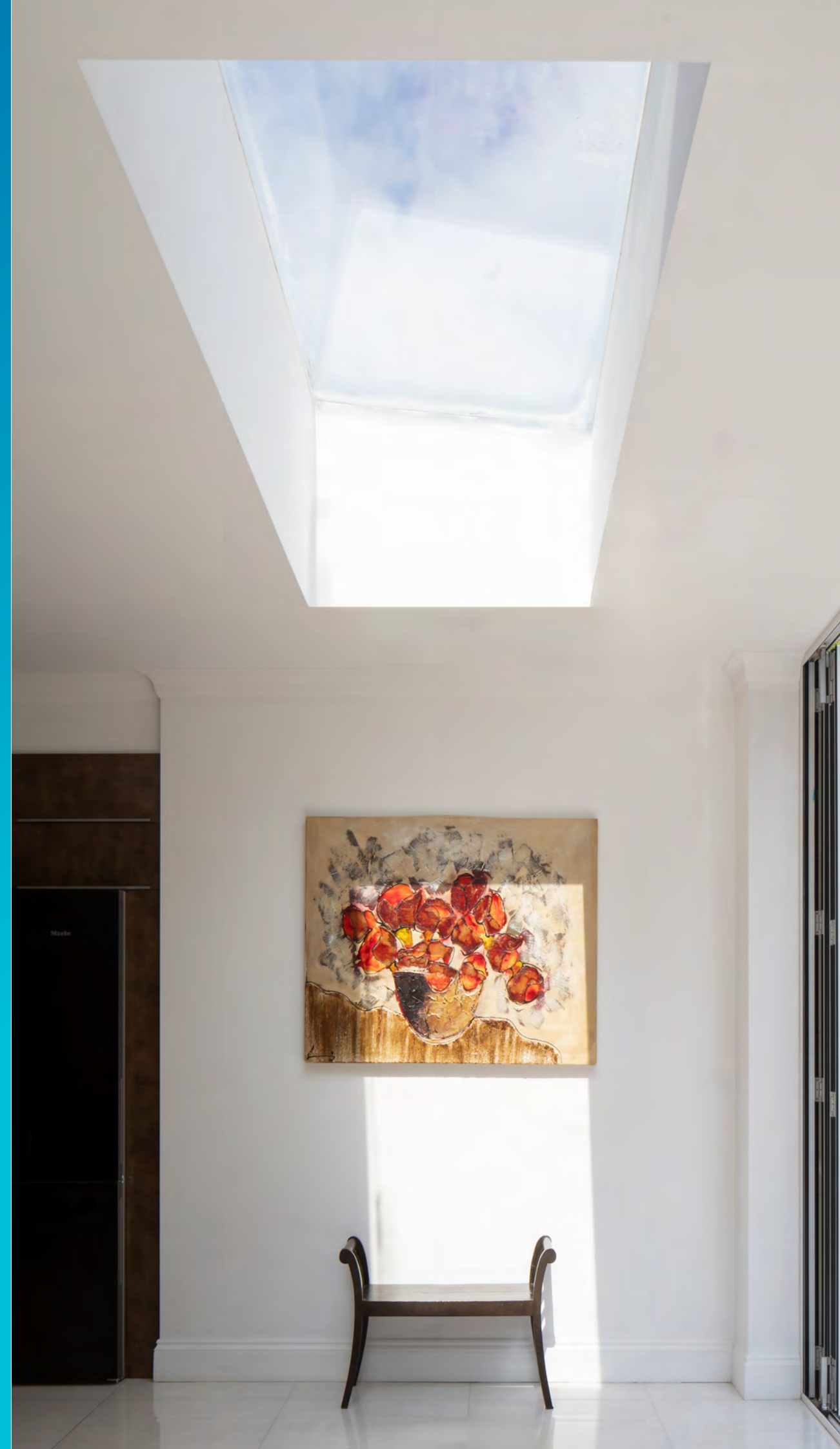
WALK-ON ROOFLIGHTS

Make a great feature for buildings with roof terraces and basements.



MULTI-SECTION FLATGLASS ROOFLIGHTS

Ideal for providing natural daylight in linear applications.



LIGHT SOLUTION FOR EVERY SPACE

Flatglass rooflights are creative solutions for adding welcoming natural light to living spaces, with fixed and walk-on options for terraces and opening designs for access and ventilation.

CONTEMPORARY DESIGNS

Flatglass rooflights combine simplicity, practicality and convenience with contemporary style and exceptional light transmission.

ENVIRONMENTALLY FRIENDLY

Additional daylight from a high specification, thermally insulated rooflight saves energy, reduces carbon emissions and increases a sense of well-being in your home.

BESPOKE OR STANDARD

Available as standard or bespoke units, Flatglass rooflights combine outstanding performance, quick and easy installation and full compliance with UK Building Regulations.

SKYWAY FLATGLASS ROOFLIGHT FRAMES

Utilising the very latest in frame technology and intense research, design and development all our flatglass rooflights are constructed with the innovative new Skyway frames. Combining improved acoustic values, water and wind resistant, greater security and seamless internal and external roof integration.

SKYWAY CUSTOM FLATGLASS

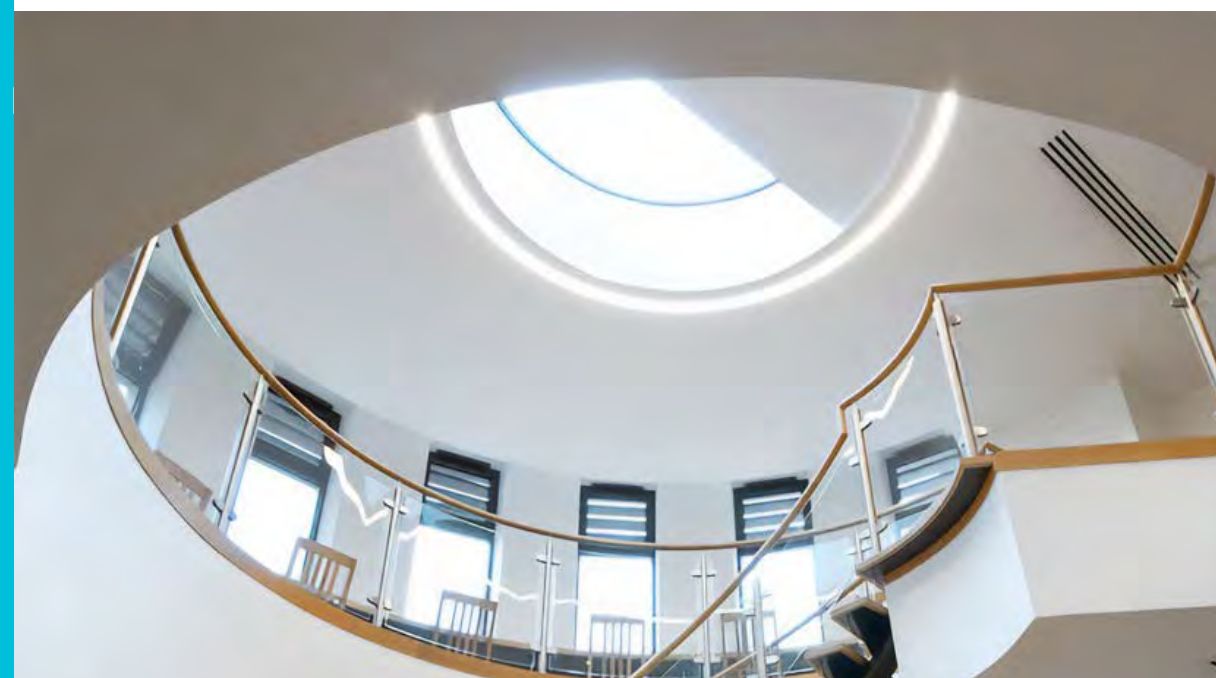
Made to measure
rooflights

Key Features & Options

- 15-year warranty
- Industry leading weather testing
- Wall abutting rooflight designs up to three sides
- Walk-on rooflight options for both internal and external applications
- UV resistant and silicone bonded

Glass options

- Solar Control, acoustic laminate, coloured, low iron glass, CUpin advanced thermal performance, double, triple & quadruple glazed
- RITEC Clearshield Eco-glass
- Multiple glass options for your integration



In addition to our standard Flatglass range, Roofglaze can supply you with Bespoke Flatglass rooflights in almost any shape and size, with various glazing options available to suit your project requirements.



SPECIFICATION
Click here to see the
product information

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SKYWAY CUSTOM FLATGLASS ROOFLIGHTS



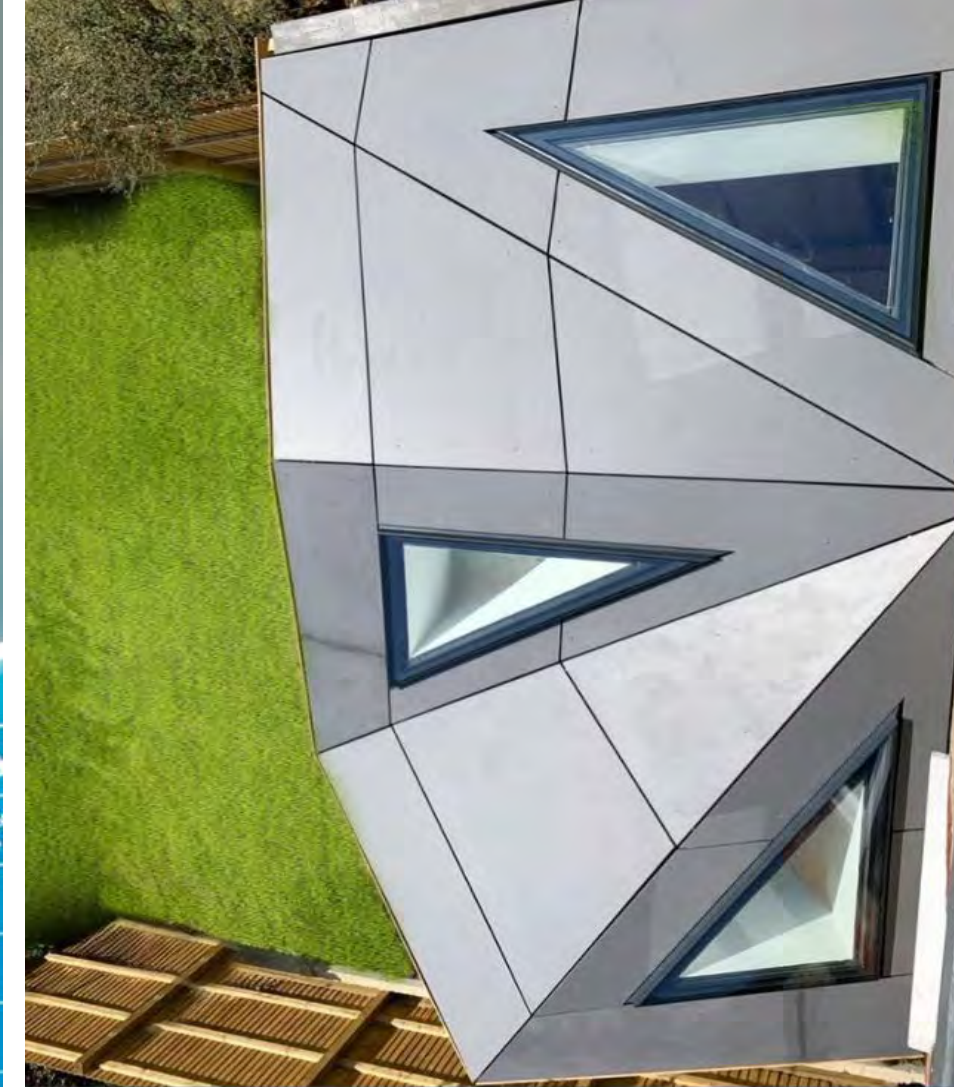
SHAPED FLATGLASS ROOFLIGHTS



OVAL FLATGLASS ROOFLIGHTS



TRIANGLE FLATGLASS ROOFLIGHTS



SKYWAY COMPLETE FIXED

An aesthetically pleasing and effective daylight solution, Featuring a fully integrated kerb.

Key Features & Options

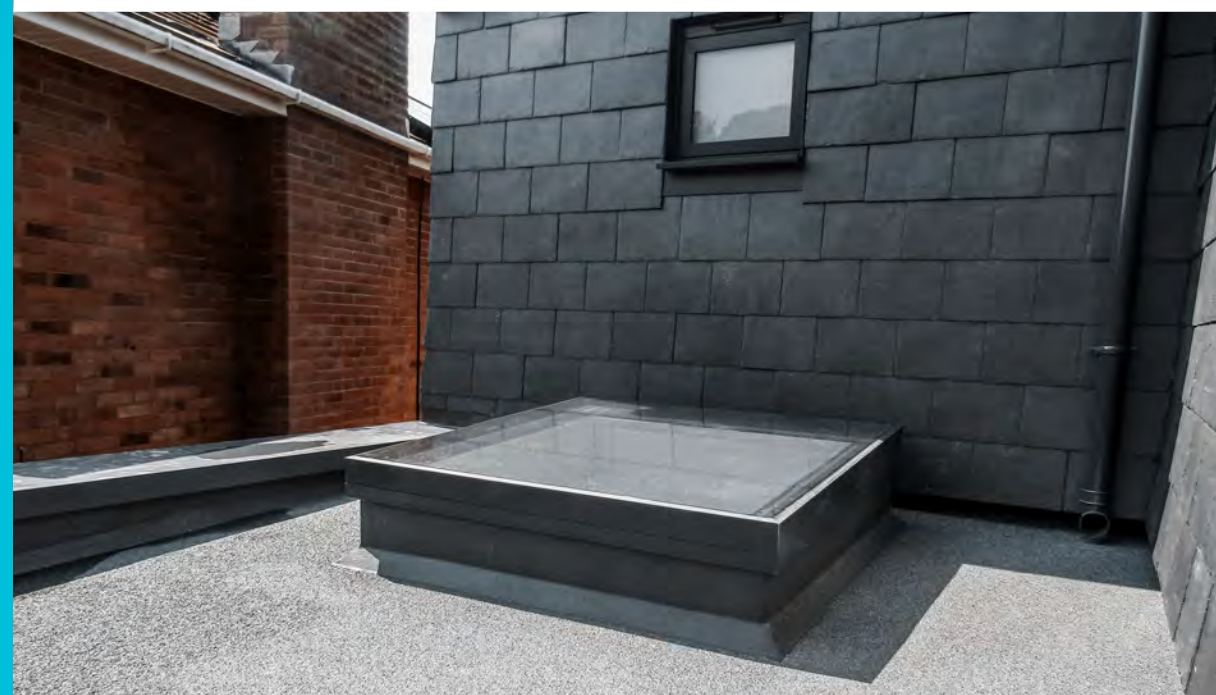
- 15-year warranty
- Industry leading weather testing
- Fully thermally broken aluminium frame prevents cold bridging, reducing the risk of condensation
- Excellent thermal performance
- Quick and easy to install
- Cover cap for concealed fixings
- Compatible with both flat and pitched roofs
- Maximised daylight while the visible framework is minimised
- Multi-Section walk-on and totally bespoke shapes
- UV resistant and silicone bonded

Glass options

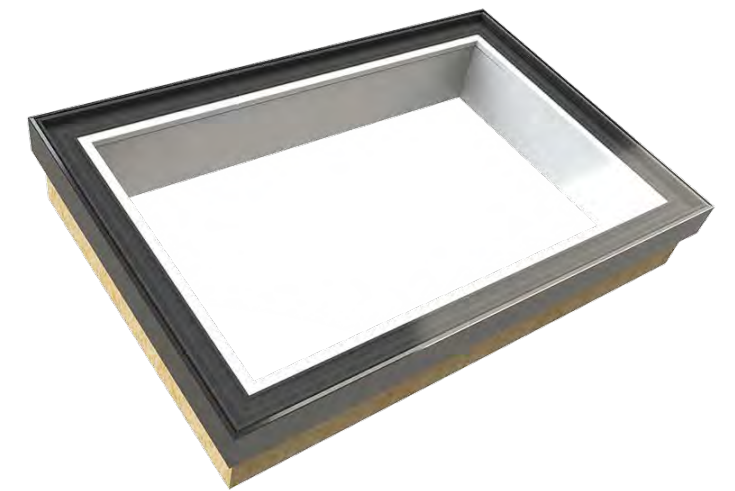
- Solar Control, acoustic laminate, coloured, low iron glass, CUI in advanced thermal performance, double, triple & quadruple glazed, switchable privacy and heated anti-condensation glass.
- RITEC Clearshield Eco-glass
- Multiple glass options for your integration

Options

- Integrated Electric Blinds
- Bespoke shapes and sizes
- Standard blind under glass or in lightwell
- Paint or Sandblast borders



Supplied with a fully integrated and insulated upstand for superior thermal performance.



As low as
0.4
w/m²k*



SPECIFICATION
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the datasheet

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SKYWAY COMPLETE HINGED

Featuring an integrated
kerb

Key Features & Options

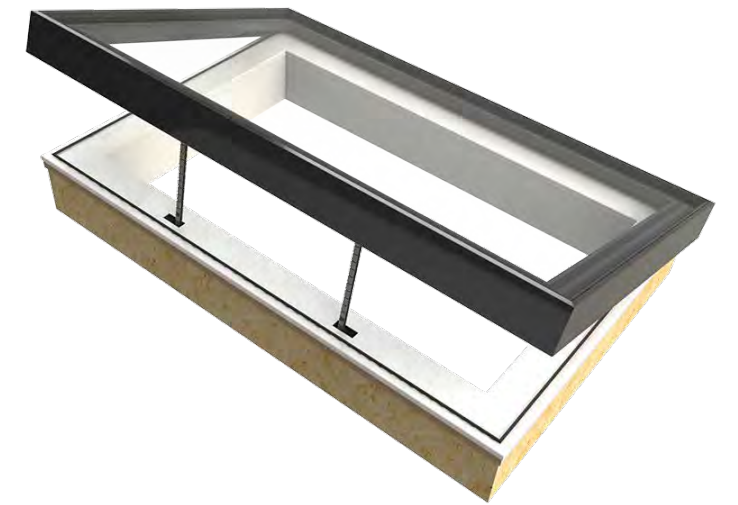
- 15-year warranty
- Industry leading weather testing
- Fully thermally broken aluminium frame prevents cold bridging, reducing the risk of condensation
- Excellent thermal performance
- Quick and easy to install
- Cover cap for concealed fixings
- Compatible with both flat and pitched roofs
- Maximised daylight while the visible framework is minimised
- Multi-Section, walk-on and totally bespoke shapes
- UV resistant and silicone bonded
- Integrated Electric Blinds
- Bespoke shapes and sizes
- Standard blind under glass or in lightwell
- Paint or Sandblast borders
- Wi-fi enabled switch with app for home hub connection.
- Electric or manual options

Glass options

- Solar Control, acoustic laminate, coloured, low iron glass, CUI in advanced thermal performance, double, triple & quadruple glazed, switchable privacy and heated anti-condensation glass.
- RITEC Clearshield Eco-glass
- Multiple glass options for your integration



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integrated insulated
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superior thermal
performance.



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SKYWAY FIXED FLATGLASS

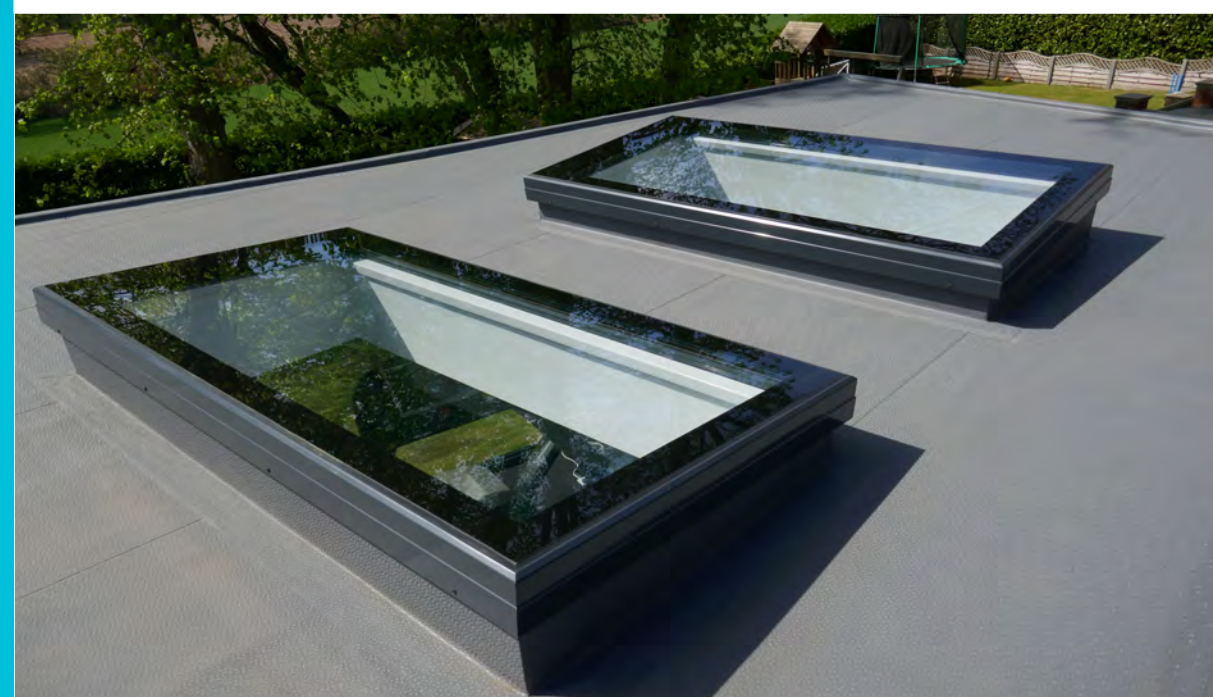
An aesthetically pleasing and effective daylight solution.

Key Features & Options

- 15-year warranty
- Industry leading weather testing
- Fully thermally broken aluminium frame prevents cold bridging, reducing the risk of condensation
- Excellent thermal performance
- Quick and easy to install
- Cover cap for concealed fixings
- Compatible with both flat and pitched roofs
- Maximised daylight while the visible framework is minimised
- Multi-Section, walk-on and totally bespoke shapes
- UV resistant and silicone bonded
- Integrated Electric Blinds
- Bespoke shapes and sizes
- Pre-formed standard size timber upstands
- Standard blind under glass or in lightwell
- Paint or Sandblast borders

Glass options

- Solar Control, acoustic laminate, coloured, low iron glass, CUi in advanced thermal performance, double, triple & quadruple glazed, switchable privacy and heated anti-condensation glass.
- RITEC Clearshield Eco-glass
- Multiple glass options for your integration



Our leading rooflight design means that daylight is maximised while the visible framework is minimised, resulting in a product that offers the best in both form and function.



As low as
0.4
w/m²·k*



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SKYWAY HINGED FLATGLASS

Daylight plus natural
ventilation – manual and
electric options

Key Features & Options

- 15-year warranty
- Industry leading weather testing
- Electric or manual options
- Switches, wind and rain sensors (electric)
- Remote control option also available (electric)
- Synchronised multi-rooflight opening system (electric)
- WiFi with phone app option (electric)
- Manual opening for ventilation with adjustable pole
- 24v operation as standard
- UV resistant and silicone bonded
- Quick and easy to install
- Excellent thermal performance
- Marine Grade Polyester Powder Coat as standard
- Compatible with flat and pitched roofs
- Established British Rooflight Manufacturer
- Pre-formed timber upstands
- Paint or Sandblast borders on glass

Glass options

- Solar Control, acoustic laminate, coloured, low iron glass, CUI in advanced thermal performance, double, triple & quadruple glazed, switchable privacy and heated anti-condensation glass.
- RITEC Clearshield Eco-glass
- Multiple glass options for your integration



Roofglaze's range of Hinged Flatglass rooflights provide you with all the benefits of natural daylight that our Fixed Flatglass units offer, but with the added bonus of natural ventilation.



As low as
0.9
W/m²K*



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SKYWAY WALK-ON FLATGLASS

Combining natural
daylight with creative
use of space

Key Features & Options

- 15-year warranty
- Industry leading weather testing
- Single pane or multi-section with unlimited length
- Totally bespoke shapes
- Designed to BS EN 1991-1-1 Loadings for Buildings
- Black painted border as standard (other RAL colours available)
- Anti-slip finishes available, recommended for external applications
- UV resistant and silicone bonded
- Integrated Electric Blinds
- Bespoke shapes and sizes
- Pre-formed standard size timber upstands
- Standard blind under glass or in lightwell
- Paint or Sandblast borders
- Designed to BS EN 1991-1-1 Loadings for Buildings.
- Black painted glass border as standard
- Anti-slip finishes available
- Wall abutment to up to three sides

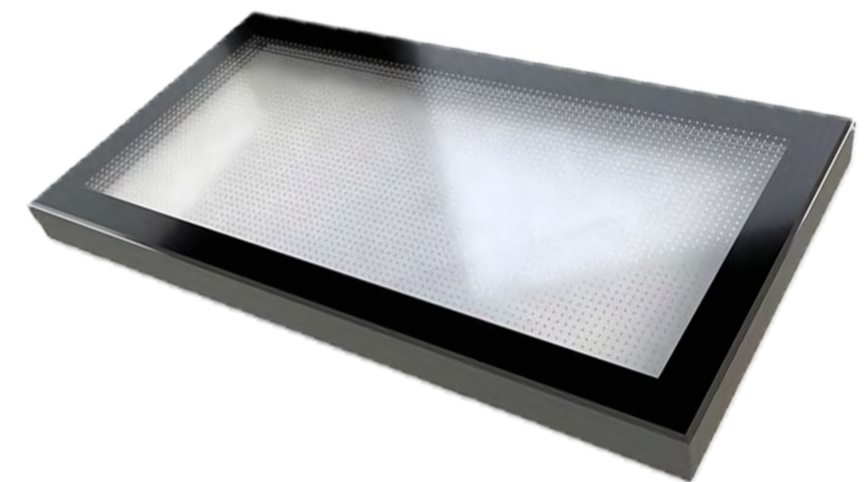
Glass options

- Solar Control, acoustic laminate, coloured, low iron glass, CUin advanced thermal performance, triple & quadruple glazed
- RITEC Clearshield Eco-glass
- Multiple



Flatglass rooflights can be supplied to walk-on specification by Roofglaze for roof terraces and internal applications.

They provide an attractive and creative solution for introducing daylight into areas of a building that would otherwise be dark (i.e. basements and cellars).



As low as
0.4
w/m².k*



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SKYWAY SLIDING FLATGLASS

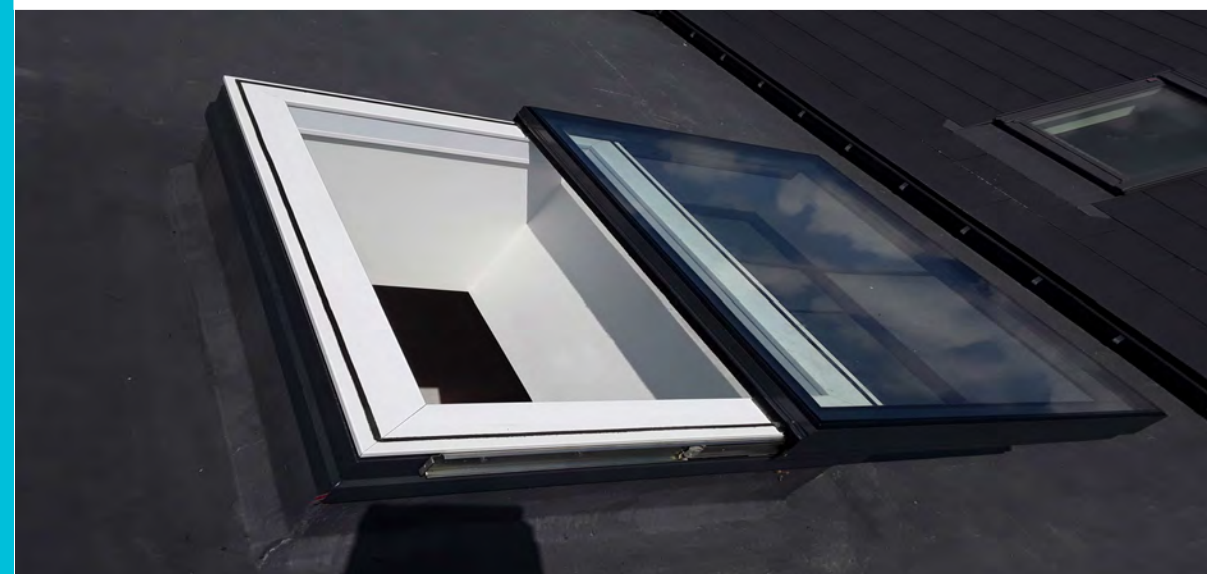
For ventilation or roof
access

Key Features & Options

- 15-year warranty
- Industry leading weather testing
- Operated by fully-concealed 24v electric chain link actuators
- Fully thermally-broken aluminium frame prevents cold bridging, reducing the risk of condensation
- Excellent thermal performance
- Daylight, natural ventilation and roof access solution
- Ideal for rooftop areas with high wind loadings
- Switches, wind, and rain sensors
- Synchronised multi-rooflight opening mechanism
- Remote control
- UV resistant and silicone bonded
- Quick and easy to install
- Cover cap
- Marine Grade Polyester Powder Coat as standard
- Compatible with flat roofs
- Fully insulated IGU glass units

Glass options

- Coloured, obscure, acoustic, laminated, krypton filled (90%) cavity and solar control
- RITEC Clearshield Eco-glass
- Multiple



Operated by concealed 24v electric chain link actuators, Roofglaze's Sliding Flatglass rooflights are ideal for providing natural ventilation and roof access.

Especially in areas where high wind loadings may occur, making a hinged rooflight unsuitable.



As low as
0.9
w/m²k



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SKYWAY MULTI-SECTION FLATGLASS

Larger rooflights, more daylight

Key Features & Options

- 15-year warranty
- Industry leading weather testing
- Fully thermally broken aluminium frame prevents cold bridging, reducing the risk of condensation
- Keep adding sections for infinite length rooflights
- Free spanning up to 4m. Any span available with intermediate supports
- Various glazing bar & bar shrouds available
- Hinged sections for ventilation available
- Hinged sections for access available
- Integrated 24v electrically-operated opening sections
- UV resistant and silicone bonded
- Integrated Electric Blinds
- Bespoke shapes and sizes
- Pre-formed standard size timber upstands
- Standard blind under glass or in lightwell
- Paint or Sandblast borders
- Quick and easy to install
- Compatible with flat and pitched roofs
- Fully insulated IGU glass units
- Wall abutment to up to three sides

Glass options

- Solar Control, acoustic laminate, coloured, low iron glass, CUin advanced thermal performance, double, triple & quadruple glazed
- RITEC Clearshield Eco-glass
- Multiple glass options for your integration



Our leading rooflight design means that daylight is maximised while the visible framework is minimised, resulting in a product that offers the best in both form and function.



As low as
0.4
w/m²k*



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SKYWAY PITCHED

Skyway Pitched is the ideal daylighting solution for pitched roof applications.

Key Features & Options

- Suitable for all roof types
- Bespoke glass options and frame sizes
- U-values down to 0.4W/m².k
- Industry leading weather testing
- 15-year warranty
- Established British rooflight manufacturer
- Integrated Electric Blinds
- Bespoke shapes and sizes
- Pre-formed standard size timber upstands
- Standard blind under glass or in lightwell
- Paint or Sandblast borders
- Self-draining gutter system
- Quick and easy to install
- Excellent thermal performance.
- Cover cap
- Marine Grade Polyester Powder Coat as standard
- Compatible with pitched roofs
- Fully insulated IGU glass units

Glass options

- Solar Control, acoustic laminate, coloured, low iron glass, CUin advanced thermal performance, double, triple & quadruple glazed
- RITEC Clearshield Eco-glass
- Multiple glass options for your integration



Daylight solutions for pitched roofs down to 15°, offering minimal sight lines and excellent thermal performance



As low as
0.4
w/m².k*



SPECIFICATION
Click here to see the technical data

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SKYWAY ACCESS FLATGLASS

Safe, secure access to
roof areas

MANUAL ACCESS

Key Features & Options

- 15-year warranty
- Industry leading weather testing
- Skyway manual access flatglass vents for occasional roof access
- Manual operation with gas ram assist
- Internal locking handle
- UV resistant and silicone bonded

Glass options

- Solar Control, acoustic laminate, coloured, low iron glass, CUpin advanced thermal performance, double, triple & quadruple glazed
- RITEC Clearshield Eco-glass
- Multiple glass options for your integration

ELECTRIC ACCESS

Key Features & Options

- 15-year warranty
- Industry leading weather testing
- Fully thermally broken aluminium frame prevents cold bridging, reducing the risk of condensation
- Smoke, gas, wind, rain sensors available
- WiFi enabled switch with app for home hub
- Break glass and override switches available
- Full integration to building management system
- Control unit with battery back-up available
- Synchronised opening mechanism
- Override switch, daily vent switch
- Two way access still available even without power
- UV resistant and silicone bonded
- Quick and easy to install



Our Manual Flatglass Access Hatch rooflights featuring fully-concealed gas rams, these units are able to open up to 85°. Mostly specified to provide occasional access to roof areas for maintenance.

Our Electric Flatglass Access Hatches are powered by two 24v actuators, these units can open up to 90° for excellent ventilation and ease of access to roof areas. Supplied with a control panel as standard for daily access to roof terraces via internal staircases.



As low as
0.9
W/m².K*



SPECIFICATION
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Manual datasheet



SPECIFICATION
Click here for the
Electric datasheet

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FLATGLASS ACCESSORIES

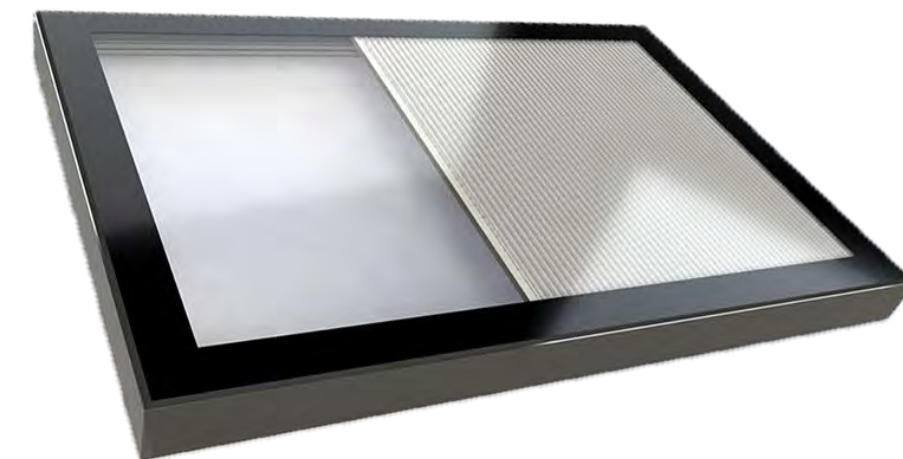
Enhance the performance and lifespan of your rooflight with our add-ons

Key Features & Options

- Integrated blinds
- Control panels for multiple rooflight control
- Control panel with battery back up
- Switches and remotes
- Wind and rain sensors are available for opening rooflights
- Wi-Fi app control wall switch
- Winding poles
- Insulated timber upstands are available to suit certain sizes of Flatglass rooflights
- Rooflight cleaning and maintenance packs
- secondary blinds fitted under the glass
- Ritec which adds longevity to the glass surface, protects against scratches and reduces required cleaning frequency



Flatglass rooflights can be supplied with a number of accessories to maximise their ease of use and reduce the need for maintenance in the long term.



For further guidance or for a quotation, please contact Customer Support.

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MANUFACTURING PROCESS

Since 1999, Roofglaze has excelled in providing innovative Flatglass rooflights and skylights.

From initial design, through to expert manufacture by skilled craftspeople, to installation, Roofglaze prides itself on surpassing the expectations of its clients, time and time again.

DESIGN

For bespoke rooflights our experienced technical team will produce manufacturing drawings for your approval.

CNC

The frame of your Flatglass rooflight is accurately cut and machined to the required dimensions using precision CNC techniques.

WELDING

Welding is used to join the frame sections together to create a strong outer casing for your rooflight.

FINISHING

We smooth off the edges of the frame prior to powder coating to provide an aesthetically-pleasing finish to your rooflight.

GLAZING

The glass for your rooflight is carefully positioned and secured into the frame and fully sealed with silicone.

OTHER SERVICES

Technical advice, thermal modeling, FEA analysis, glass performance and u-value calculations, NBS specifications, BIM models and installation guides.



EASY CLEANING SYSTEMS

RITEC CLEARSHIELD ECO-GLASS™

By their very nature rooflights and skylights can be hard to reach and clean. The ClearShield system provides a solution to greatly reduce the need for cleaning. All Flatglass rooflights can be supplied with a Ritec ClearShield coating as an optional extra.

Protects Against Damage From

- Tree Sap
- Bird Droppings
- Traffic Pollution
- General Dirt
- Glass Staining

Other Advantages

- Maintains clarity, all-round visibility and cleanliness of your glass
- Reduces cleaning time, effort and frequency
- Keeps windows looking like new and sparkling
- Staying clean for longer

CASE STUDY

Farrier Walk

Farrier Walk, located in London, has a fascinating history that dates back several centuries. The area has seen numerous changes and transformations over time, reflecting the evolving architectural styles and social dynamics of the city.

PROJECT INFORMATION

Client:	London Square
Main Contractor:	Roberts 21st Century Design Ltd
Location:	Farrier Walk, London
Products:	Bespoke Walk-On Flatglass Rooflights

Roofglaze installed bespoke walk-on Flatglass rooflights for a stunning residential property in Farrier Walk, London. By introducing an abundance of natural light, these rooflights beautifully illuminated the interior spaces, creating an inviting and uplifting atmosphere. The walk-on rooflights extended beyond the interior, as the outside area was seamlessly turned into a functional and versatile space, offering more space.



CASE STUDY

Cambridge Mosque

The Cambridge Mosque project, designed by award-winning Marks Barfield Architects, creators of the iconic London Eye, is a spectacular architectural focal point in Cambridge, enhancing the city's prestige and reputation.

PROJECT INFORMATION

Client:	Embrace Architecture
Architect:	Marks Barfield Architects
Main Contractor:	Gilbert-Ash
Location:	Cambridge
Products:	Custom Flatglass

Marks Barfield Architects and main contractor Gilbert-Ash chose Roofglaze to design, manufacture, and install 63 bespoke Flatglass rooflights. With this in mind, the specification was to provide nearly 300m2 of natural daylighting to the building all year round. The goal is to increase the energy savings that underline the sustainable, eco-friendly ethos of the project. With the result that the Mosque itself is magnificently naturally lit, designed to require no artificial lighting during daylight hours.



CASE STUDY

Lett's Swim

Embrace Architecture recently delivered a luxurious new build project for Letts Swim in Hadleigh, Suffolk. The building boasts a modern exterior with timber elements and is surrounded by stunning countryside views.

PROJECT INFORMATION

Main Contractor:	Embrace Architecture
Location:	Suffolk
Products:	Multi-Section Flatglass Rooflights

Embrace Architecture proudly completed a magnificent new construction project for Letts Swim in Hadleigh, Suffolk. This impressive building showcases a sleek, contemporary design with tastefully incorporated timber accents, harmonising perfectly with the breathtaking surrounding countryside. Central to Letts Swim's aesthetic vision is the inclusion of a Skyway Multi-Section Flatglass Rooflight, which adds a touch of brilliance to the overall design. By strategically placing the rooflights above the swimming pool area, the abundant natural light floods in, creating a seamless connection between the indoor space and the outdoors.



CASE STUDY

Manor Drive School

Manor Drive School, located in Peterborough. The school's origins can be traced back to the mid-20th century when the demand for educational facilities increased in the growing community.

PROJECT INFORMATION

Client:	Manor Drive School
Location:	Peterborough
Products:	Multi-Section Flatglass Rooflights (double glazed)

Manor Drive School can continue to enjoy the benefits of Roofglaze rooflights, providing an optimal learning environment for current and future generations of students while also exemplifying their commitment to sustainable and innovative building practices.

The integration of Roofglaze Flatglass Multi-Section Rooflights at Manor Drive School exemplifies how effective daylighting solutions can positively impact educational institutions, fostering an environment conducive to learning, energy efficiency, and student well-being.





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