



# S1 LANTERN SURVEY SHEET

THE NEXT GENERATION OF ALUMINIUM LANTERN  
secure | sustainable | stylish  
Performance through innovation

Guardian Roof Fabrications Ltd | 26b Birkdale Close, Manners Ind Est, Ilkeston,  
Derbyshire DE7 8YA | T 07595 021 658



TO ORDER OR REQUEST A QUOTE FOR AN S1 ALUMINIUM LANTERN ROOF PLEASE FILL IN THIS FORM AND EMAIL BACK TO

ian@guardianroofs-uk.com

## DIMENSIONS (measure to the outside of the upstand)

LENGTH (MM)  WIDTH (MM)

STYLES MARKED WITH AN \* CAN INCORPORATE AN OPTIONAL SHEERVENT IF REQUIRED - MARK AN 'X' IN EACH POSITION FOR SHEERVENT PLACEMENT

L	W		<b>Style 1</b>	<input type="checkbox"/>		<b>Style 8</b>	<input type="checkbox"/>
min 600 x 600					min 2000 x 1800		
max 2400 x 2400					max 4000 x 3200		
			<b>Style 2</b>	<input type="checkbox"/>		<b>Style 9*</b>	<input type="checkbox"/>
min 800 x 600					min 3000 x 1800		
max 3000 x 2400					max 6000 x 3200		
			<b>Style 3</b>	<input type="checkbox"/>		<b>Style 10*</b>	<input type="checkbox"/>
min 1200 x 600					min 3600 x 1800		
max 4000 x 2400					max 6000 x 3200		
			<b>Style 4*</b>	<input type="checkbox"/>		<b>Style 11</b>	<input type="checkbox"/>
min 2400 x 600					min 1600 x 1400		
max 6000 x 2400					max 4000 x 3200		
			<b>Style 5*</b>	<input type="checkbox"/>		<b>Style 12*</b>	<input type="checkbox"/>
min 3000 x 600					min 2400 x 1400		
max 6000 x 2400					max 6000 x 3200		
			<b>Style 6</b>	<input type="checkbox"/>		<b>Style 13*</b>	<input type="checkbox"/>
min 1800 x 1800					min 3000 x 1400		
max 3200 x 3200					max 6000 x 3200		
			<b>Style 7</b>	<input type="checkbox"/>			
min 2000 x 1800							
max 3400 x 3200							

QUOTE  / ORDER

## JOB DETAILS

NAME

REFERENCE

CONTACT NUMBER

EMAIL

ADDRESS

SITE POSTCODE

PREFERRED DELIVERY DATE

NOTES

## YOUR DETAILS

NAME

COMPANY

CONTACT NUMBER

EMAIL

ADDRESS

POSTCODE

SIGNATURE

COLOUR MATT FINISH	EXT.	INT.	GLAZING 28MM TINT COLOUR	STANDARD 4/20/4 1.1 U-VALUE	LAMINATE 4/18/6.8 1.1 U-VALUE	THERMAL 6/16/6 1.0 U-VALUE
PURE WHITE 9010	<input type="checkbox"/>	<input type="checkbox"/>	NEUTRAL			
ANTHRACITE GREY 7016	<input type="checkbox"/>	<input type="checkbox"/>	BLUE			
JET BLACK 9005	<input type="checkbox"/>	<input type="checkbox"/>	UNGLAZED*			
BESPOKE Subject to minimum order qty. Price on application	<input type="checkbox"/>	<input type="checkbox"/>	SBD Secured by Design Upgrade <input type="checkbox"/>		The SBD upgrade requires Laminated glass	

Secured by Design \*  
Smartglass Plus Low E with Black Warmedge Spacer Bar  
SMART GLASS

## SHEERVENT® OPTIONS \*SheerVent® is not available unglazed or with SBD.

NO. OF VENTS

MANUAL  ELECTRIC†

NO. OF REMOTES

Only applicable for electric vents.

SENSOR (If required)	
RAIN	RAIN, WIND AND LIGHT

NO. OF POLES

Only applicable for manual vents.

†Please be aware electric SheerVent®s must be connected by a qualified electrician.

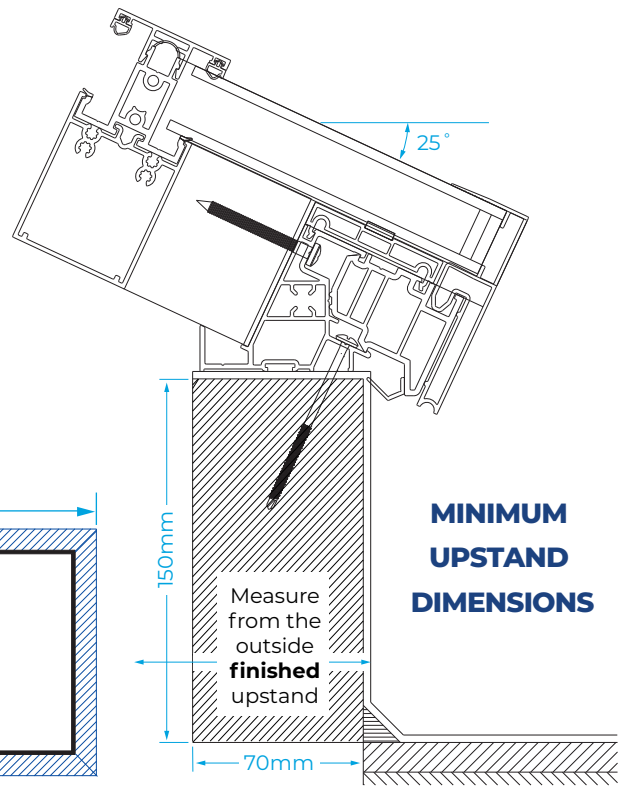
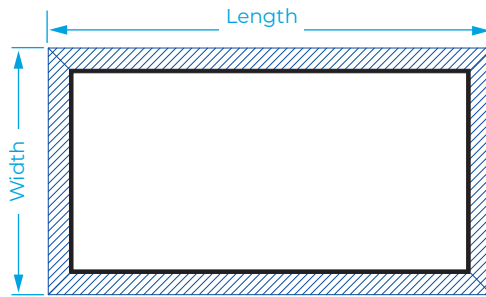




# TECHNICAL INFORMATION

- 25° pitch
- 50mm sightlines  
*Rafter, hip, jack rafters and ridge*
- 1.2KN/m<sup>2</sup> snowload  
*Covering the whole of the UK*

The lantern design assumes that the eaves beam is fully supported along all edges by a structural upstand capable of resisting the full vertical (as well as any lateral spread loads) applied by the lantern roof self-weight plus imposed snow/wind loads.



## SHEERVENT® FLUSH INTELLIGENT VENTILATION

With a sleek minimalist design that sits perfectly flush with S1's rafter bars, and with optional powered actuators that can be intelligently automated, Sheerline has reimagined roof vents, **bringing them into the 21<sup>st</sup> century at last.**

**Eliminating the need for muntin bars, SheerVent® offers reliable ventilation without the risk of leaks.**



**SHEERVENT**  
MIN. WIDTH: 600MM | MAX. WIDTH: 1000MM  
MIN. ROOF WIDTH TO ACCOMMODATE SHEERVENT IS 1000MM

Electrical requirements for powered SheerVent® installations: **Actuator** – this needs wiring to a 24V combined Control Box/Switch (supplied) by a qualified electrician. Additional cabling (not supplied) may be required depending on switch location. **Control Box/Switch** - this requires wiring to a standard 240V electrical supply by a qualified electrician. Cabling not supplied. **Optional Remote** – Requires 1 x CR2430 battery, not supplied. Can control up to 4 vents. **Optional Rain Sensor** – Requires 1 x 9V battery, not supplied. **Optional Wind, Light & Rain Sensor** – Requires power from a plug socket. Both sensors communicate with the Actuator wirelessly and can control up to 4 vents. Neither sensor requires wiring to the Control Box/Switch. All Electrical components are covered by a 12 month guarantee.