



## GLV-11PE PERFORATED STEEL SHUTTER

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GLV-11PE



### PRODUCT DESCRIPTION

Our extensive range of perforated shutters serve as a great solution for retailers. Used in both the high street and shopping malls, our perforated Shutters allow closed premises to be secured, whilst allowing customers to see inside when the area is backlit. Security staff are able to see at a glance that the store is secure.

Shutter construction can be of steel or aluminium, and are available in a wide range of aesthetically pleasing finishes and colours. As well as retail sites, these shutters have been successfully installed in cinemas, universities, hospitals, libraries, colleges, schools, gyms and health centres.

The shutters are lightweight, and we can offer the choice of manual or electric operating systems to suit your needs. Our Perforated roller shutter doors maintain a high level of security whilst allowing great visibility. These robust security solutions are economical and require minimum maintenance, delivering reliability and a long working life

### IDEAL USES

- Commercial properties
- Car parks
- Areas where vision or airflow are required

### KEY FEATURES

- Can be upgraded to Secure By Design Status or LPS1175 Security rating [SR1](#) or [SR2](#).
- Can be powder coated or plastisol coated to any RAL Colour
- Wicket access doors can be incorporated into the shutter if needed

### TECHNICAL SPECIFICATIONS

#### Curtain

The curtain is constructed from galvanised continuously interlocked steel laths that are securely held in place by end locks. A number of thicknesses and profiles are available according to individual circumstances such as size, wind loading etc. Bottom rails are generally galvanised and roll-formed into



a tee section.

### **Guides**

Vertical guides are formed from rolled steel or fabricated dependent on size and are supplied with appropriate angles for fixing to the structure.

### **Endplates**

Mild steel of appropriate thickness in relation to door thickness is prime painted and supplied with angles for fixing to the structure.

### **Barrel**

Our barrels are normally made from a seamless steel tube of adequate diameter to counteract deflection and hold in bearings or cups attached to the endplates.

### **Finish**

Comes galvanised with non-galvanised parts prime painted as standard. Customers can choose to have a powder coating of almost any colour as an additional extra.

### **Operation**

Shutters over smaller openings are typically powered by a 240-volt single phase tubular motor whereas larger shutters are operated using a 400-volt 3 phase geared motor. Adjustable limit switches are incorporated to stop the shutter at the end of each travel.

## **OPTIONS AND VARIATIONS**

### **Operation/Controls**

#### **Electric**

Key switch

Radio/remote Control

Rocker switch

Timer closing

Loop and Radar operation

Smart phone

Swipe Card activation

### **Manual**

Spring and lock operation (for smaller shutters)

Belt cord operation (for smaller shutters)

Hand chain operation for larger shutters

### **Finishes**

Can be Polyester powder coated or plastisol coated in a range of standard RAL colours' for an extra charge.

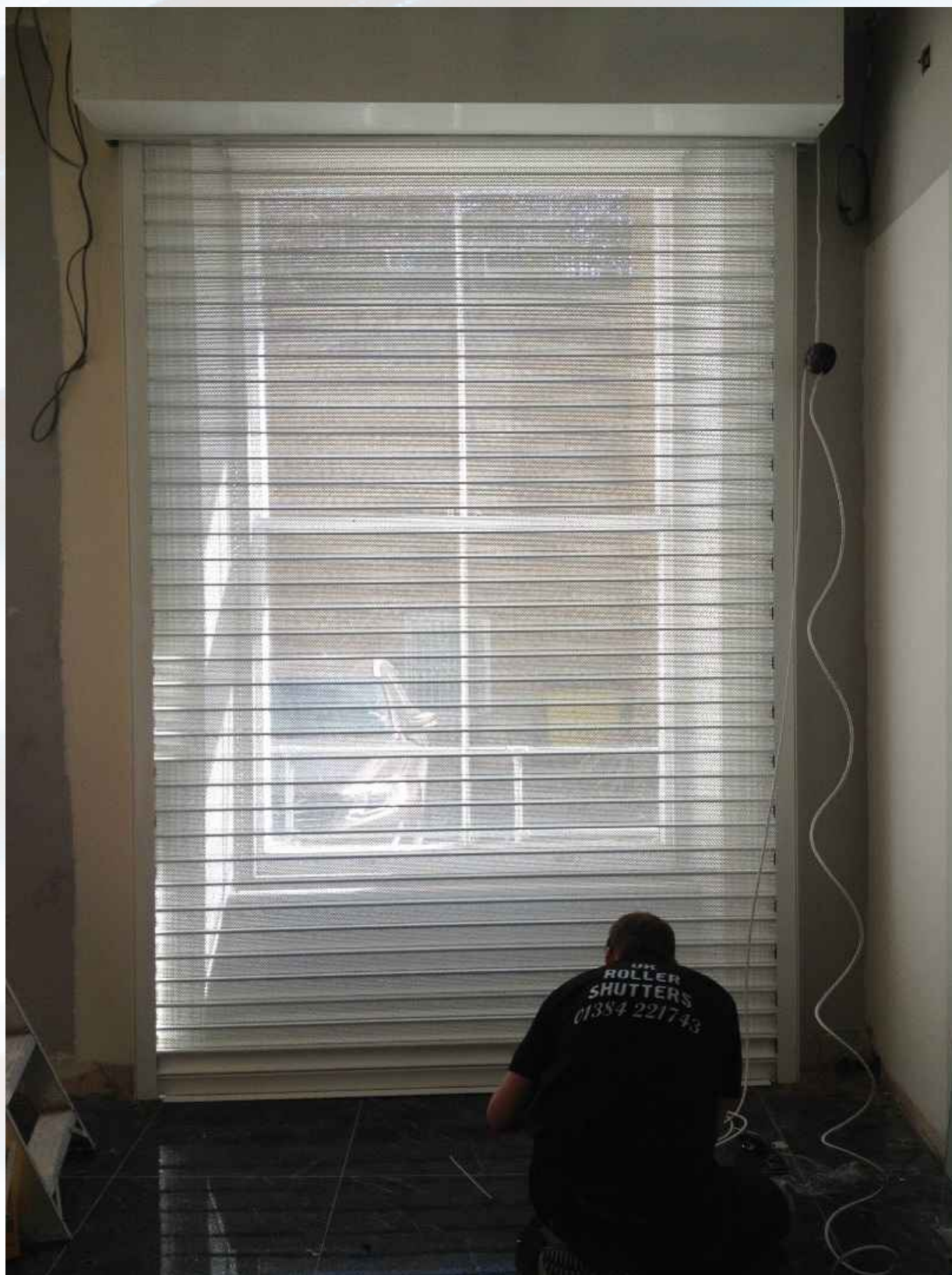
### **Accreditations**

All of our security shutters guarantee a high level of security against vandalism and theft. However, for an extra charge you can have one of our shutters with a distinct security or fire rating accreditation including SBD (Secured by Design) or LPS 1175 security rating [SR1](#) or [SR2](#).

### **ILLUSTRATIONS**









## GLV-11 Security Shutter (Showing outboard motors)

### Applications

High security commercial sites, up to 25m<sup>2</sup> - 50m<sup>2</sup>.  
Panicbar (GLV-11P) & Perforated (GLV-11PE) sites can be incorporated as required for full or partial vision.

### Curtain Slat

Single Slat 76mm (3") Curved Steel  
Standard galvanised finish.  
Wall thickness 0.7mm, 0.9mm, or 1.2mm, depending on overall shutter opening width.  
N.B. Colour finishes available on request. Powder-coated or Plastised finishes.

Variable Surface  
Profile Height 76mm  
Weight per M<sup>2</sup> 10kg  
Maximum Width 12,000mm  
Maximum Surface 25m<sup>2</sup> with single phase power or 50m<sup>2</sup> with 3-phase power.

### Housing

Manufactured from 0.7mm or 0.9mm galvanised steel sheet.  
End caps are available in 0.9mm or 1.2mm steel.  
Standard galvanised finish. Other colours available on request.

Shutter Height	Box Size
(up to mm)	(mm)
2500	305
4000	345
6500	400

3-phase motor applications enclosure sizes will vary dependent on the overall shutter size.  
N.B. The above enclosure sizes are based on standard tube motor operation.

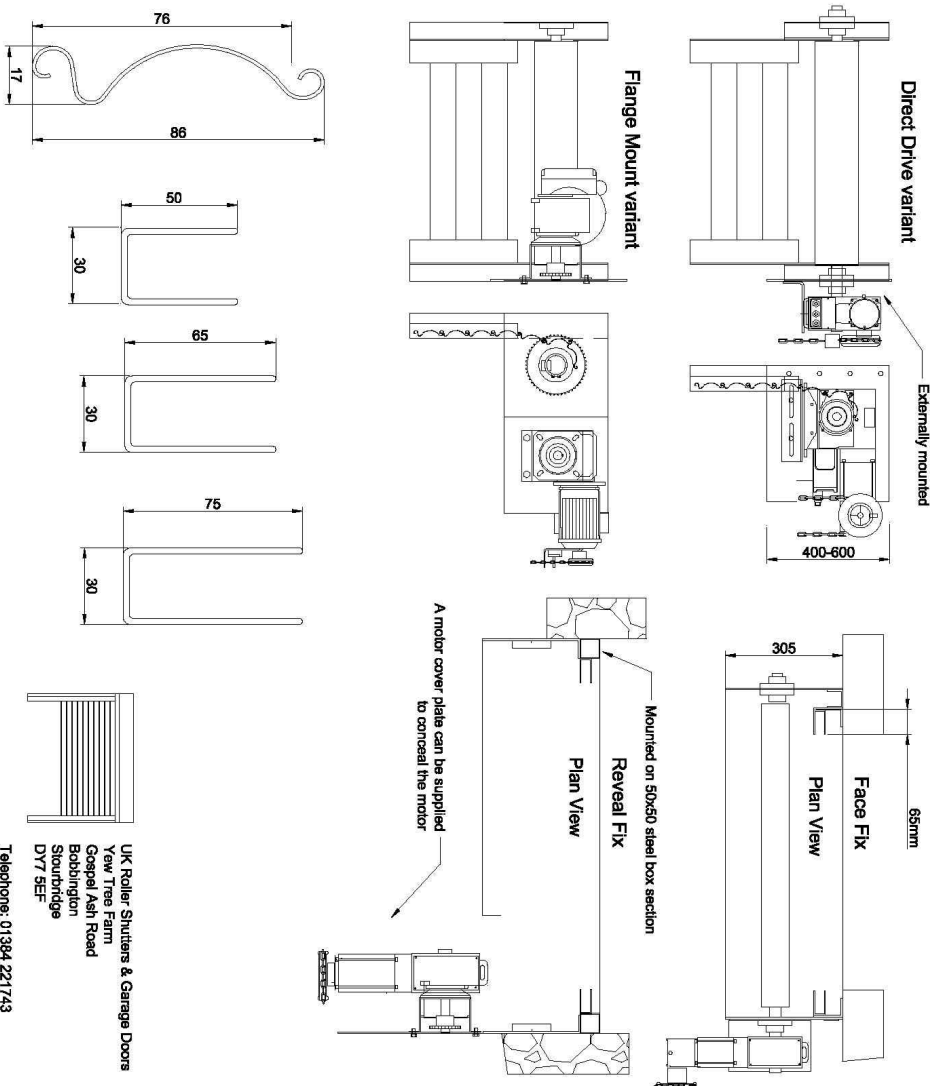
### Guide Channels / Bottom Slat

Guide channel depth will vary dependent on application from 50mm to 100mm (lubricating wirelocks or the slats).  
Standard galvanised finish. Other colours available on request.  
Guide channels are bolted onto angle or box section, depending on the application. See Plan drawings on this sheet.

### Operation

Electric: Single-phase tubular motor or 3-phase outboard direct drive motor (dependent on curtain weight) with push button control. Numerous options such as group or remote control etc., available as required. Manual override facility as required.

Note: Manual operation is available but not common with the GLV-11; manual operation is advised for window shutters only.



UK Roller Shutters & Garage Doors  
Yew Tree Farm  
Gospel Ash Road  
Bobington  
Stourbridge  
DY7 5EF  
Telephone: 01394 221743



## Shutter

**Standard GLV-11 shutter with sprung barrel for easy manual opening and closing.**

## Applications

High security commercial sites, up to 9m<sup>2</sup>  
Punched (GLV-11PU) & Perforated (GLV-11PE) slats can be  
incorporated as required for full or partial vision.

### Curtain Slat

Single Skin 76mm (3") Curved Steel  
Standard galvanised finish.  
Wall thicknesses 0,7mm, 0,9mm, or 1,2mm, depending on overall shutter opening width.  
**N.B.** Colour finishes available on request. Powder-coated or plastic finishes.

Visible Surface	76mm
Profile Height	88.6mm
Weight per M <sup>2</sup>	10kg
Maximum Width	3,000mm
Maximum Surface	9m <sup>2</sup>

## Housing

Manufactured from 0.7mm or 0.9mm galvanised steel sheet.  
End caps are fabricated from 3mm steel.  
Standard galvanised finish. Other colours available on request.

Shutter Height	Box Size
(up to mm)	(mm)
2500	305
3400	355

### Guide Channels / Bottom Slat

Galvanised steel section bottom rail: either 'L' or 'T' shape.

Guide channel depth will vary dependent on application from 50mm to 100mm (utilising windlocks on the slats).

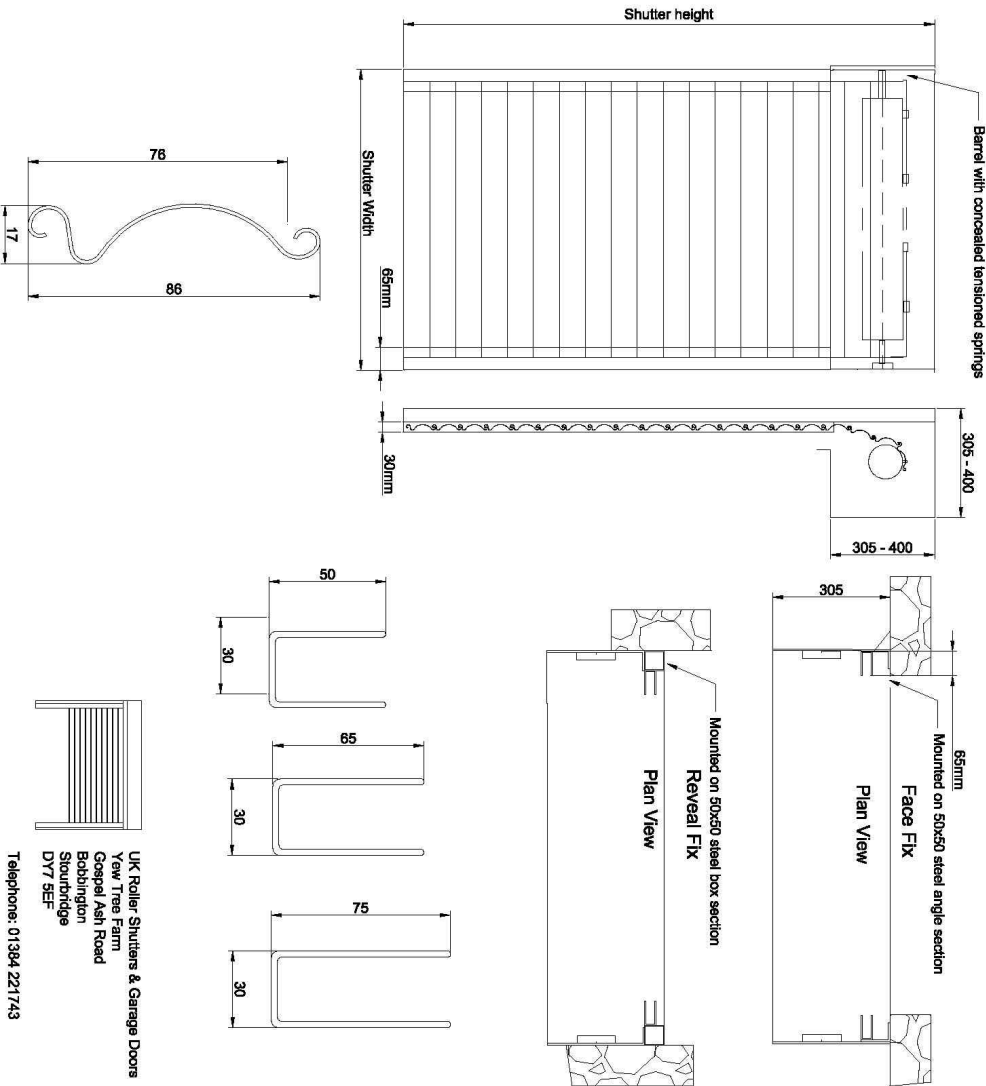
Standard galvanised finish. Other colours available on request. Guide channels are bolted onto angle or box section, depending on the application. See Plan drawings on this sheet.

## Operation

**Manual:** Operation by manually grasping handle on bottom slat. Shutter curtain rises under tension to fully open position and remains there, close by pulling the curtain down against the spring tension.

Locking by bottom slat transverse shoot bolts, in addition, bullet locks and housings may be welded onto face of guide channels and inserted into the curtain leaf, thereby further deterring attempts to lift the curtain up while in locked condition.

**Note:** Manual operation is advised for small pedestrian type doorways and window shutters only.



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GLV-11PE Security Shutter

Applications

High security commercial sites, up to 25m<sup>2</sup> - 50m<sup>2</sup>.  
Punched (GLV-11PU) & Perforated (GLV-11PE) sites can be incorporated as required for full or partial vision.

Curtain Slat

Single Slat: 76mm (3") Curved Steel  
Standard galvanised finish.  
Wall thickness 0.7mm, 0.9mm, or 1.2mm, depending on overall shutter opening width.  
N.B. Colour finishes available on request. Powder-coated or Plasticised finishes.

Variable Surfaces  
Depth: 50mm  
Weight per m<sup>2</sup>: 10kg  
Maximum Width: 12.000mm  
Maximum Surfaces: 25m<sup>2</sup> with single phase power or 50m<sup>2</sup> with 3-phase power.

Housing

Manufactured from 0.7mm or 0.9mm galvanised steel sheet.  
End caps are fabricated from 3mm steel.  
Standard galvanised finish. Other colours available on request.

Shutter Height	Box Size
(up to mm)	(mm)
2500	305
4000	355
5500	400

3-phase motor applications enclosure sizes will vary dependent on motor size.  
N.B. The above enclosure sizes are based on standard tube motor operation.

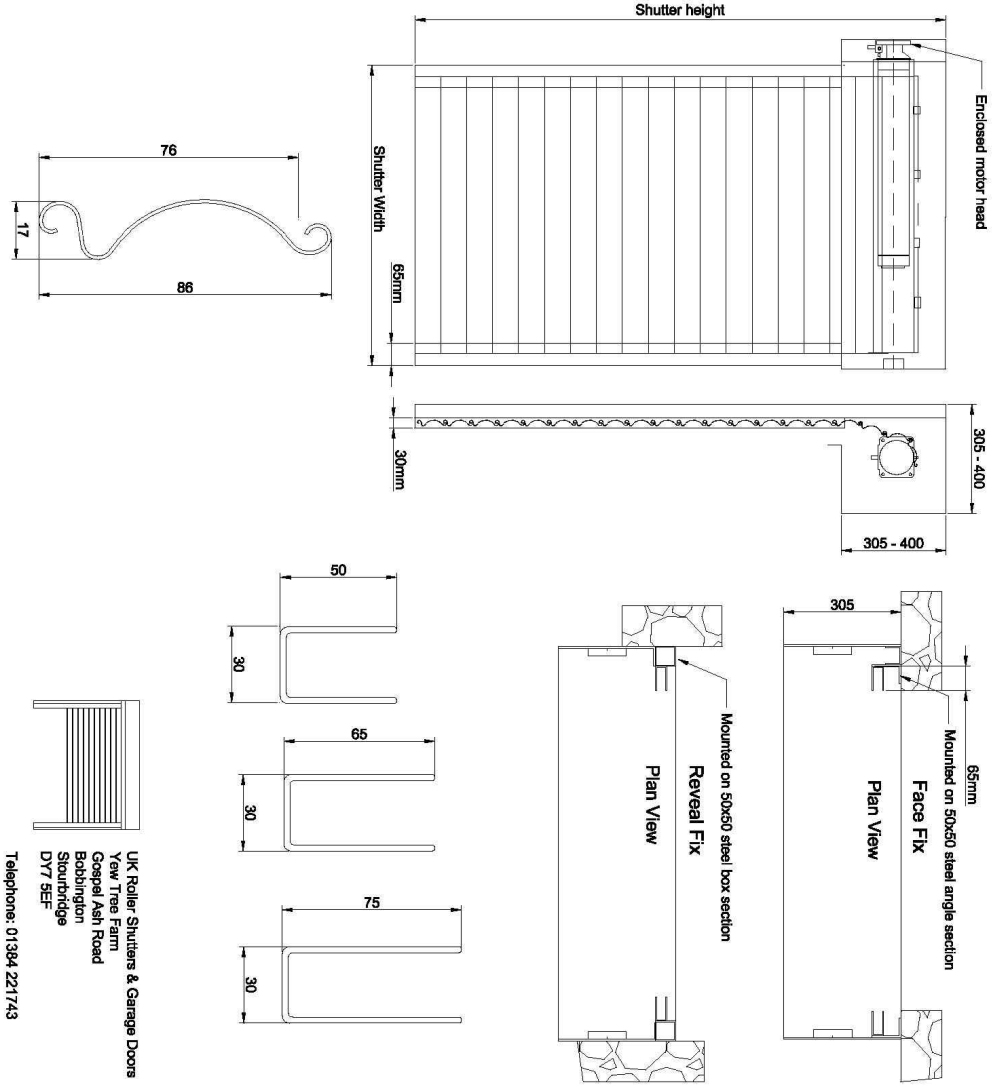
Guide Channels / Bottom Slat

Guide channel depth will vary dependent on application from 50mm to 100mm (utilising windlocks on the slats).  
Standard galvanised finish. Other colours available on request.  
Slats are joined from angle or box section, depending on the application. See Plan drawings on this sheet.

Operation

Electric: Single-phase tubular motor or 3-phase outboard direct drive motor (dependent on curtain weight) with push button control. Numerous options such as group or remote control etc., available as required. Manual override facility as required.

Note: Manual operation is available but not common with the GLV-11; manual operation is reserved for window shutters only.



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**TEL: +44(0) 1384 221743**

**EMAIL: [SALES@UKROLLERSHUTTERS.CO.UK](mailto:SALES@UKROLLERSHUTTERS.CO.UK)**

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