

GRIFCO®

Get serious. Get a Grifco.

LIGHT CURTAIN

Monitored Entrapment Protection for the Total Working Area

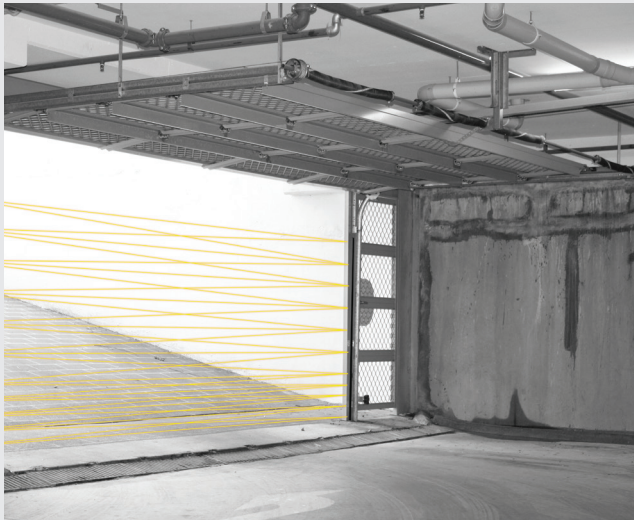


Light beam array indicative only

CELEBRATING 100 YEARS OF AUSTRALIAN MANUFACTURING

LIGHT CURTAIN

Monitored Entrapment Protection for the Total Working Area



Car parks require safety systems to detect many varied vehicle shapes and sizes. The Light Curtain system provides a vast detection area to ensure the safety of the general public when moving through.



Given the critical importance for our emergency services to respond and operate safely, the Light Curtain system is ideal for facilities such as Police, Fire and Ambulance stations. The multi-beam monitored Light Curtain system is fail safe, ensuring that any reflective surface on emergency service vehicles cannot allow the safety sensor to be bypassed.



In industrial applications such as factories and warehouses, doors are a thoroughfare for vehicular, forklift and pedestrian activity. As a result there are numerous circumstances where a Light Curtain system offers superior safety, such as overhanging ladders, trolleys and cartons of various sizes.

Compatibility

The Light Curtain system is compatible with all eDrive +2.0 openers with V2 software. It can also be configured with mDrive and other openers with mechanical limits via the separately available GLMe2 series logic controller.

eDrive +2.0



Easily configurable with eDrive +2.0 via quick connect easy plug-in terminal

mDrive and other openers with mechanical limits



Compatible with mDrive and any other openers with mechanical limits via mechanical logic control interface (GLMe2L / GLMe2). See separate brochure titled "Mechanical Logic".

Bare Sensors for Door Manufacturers

The Light Curtain System is also available unboxed, for incorporating them into door construction. This configuration allows the light curtain to be positioned in close proximity to the door plane.



Order code GLCPS-B

LIGHT CURTAIN

Monitored Entrapment Protection for the Total Working Area

The Grifco Light Curtain offers the ultimate in superior safety. Regardless of the application, the multiple angled light beams create a field of entrapment protection ensuring unsupervised closing doors operate in a safe manner.

What does the term “Monitored” mean?

A monitored safety device requires a dedicated control system to actively supervise the state of the safety sensor to ensure that any kind of sensor failure will be detected, preventing the door from operating unsafely.

Non-compliant safety sensors, relying on a non-monitored, normally-closed contact, can be bypassed or fail to operate in the event of damage or tampering.

Entrapment Protection Systems must be monitored to form part of a compliant system.

Monitored Entrapment Protection means the system cannot be bypassed due to any fault, tampering or environmental condition

61 intersecting beams from 21 LEDs

Suits eDrive+2.0 and GLMe2 series controls with V2.00 software and above

Also available as a bare sensor to mount in close proximity to the door plane (for door manufacturers only)

Increase in beam density at the bottom of the door where detection sensitivity is most critical

LED spacing 190mm, except for bottom 500mm where LEDs are spaced 50mm apart



Height not to scale
Light beams not visible
Light beam array indicative only

LEDs on either side indicate the absence or existence of an obstruction

Protection height 1,800mm

Natural anodised aluminium for excellent corrosion resistance

Operates with an ambient light level of up to 100,000 lux. Suitable for applications with strong sunlight

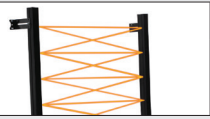
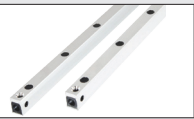
Robust aluminium housing to allow bracket mounting in a stand-off position adjacent to the door plane

For door widths up to 10m

Rated to IP67 for dust and water ingress

Ambient temperature range -40° to +60°C

Product Guide

Part No.	GLCPS	Notes	
Description	Grifco Light Curtain Protector System - plug-in monitored send/receive light curtain (Inc light curtains, mount system & cable)		
Part No.	GLCPS-B	Notes	
Description	Light Curtain system for mounting by door manufacturers into door frame or guides. (Inc light curtains & cable)		
Part No.	GLC-3E	Notes	
Description	3m Extension Cable for large installations		

GRIFCO®

Get serious. Get a Grifco.

Chamberlain Australia Pty Ltd

Unit 1, 75 Epping Road
North Ryde NSW 2113
Ph: 1800 638 234

Manufacturing

15 Dell Road, West Gosford NSW 2250
Ph: + 61 2 4323 3877
Fax: + 61 2 4323 3882
Technical Support: 1800 GRIFCO
Email Purchase Orders: grifco@chamberlainanz.com

Chamberlain Branches

Sydney - Unit 1, 75 Epping Rd North Ryde NSW 2113
Melbourne - Unit 15, 85-91 Keilor Park Drive Tullamarine Vic 3043
Brisbane - Unit 19, 140 Wecker Road Mansfield QLD 4122
Perth - Unit 1, 170 Beringarra Avenue Malaga WA 6090

Chamberlain New Zealand Limited

17A Arrenway Drive, Rosedale 0632, Auckland - Ph: +64 9 477 2823

Call: 1800 GRIFCO AUS | www.grifco.com.au

Call: 0800 653 667 NZ | www.grifco.co.nz